LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023328.D
Acq On : 22 Oct 2019 20:44
Operator : JU
Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.657	449	454	466	rBV	294710	541944	1.69%	0.112%
2	6.822	644	652	661	rVV	1167348	2074450	6.48%	0.430%
3	6.987	673	680	688	rBV	779824	1258895	3.93%	0.261%
4	7.181	705	713	721	rBV	1156337	1797624	5.61%	0.373%
5	7.310	727	735	744	rBV2	383023	799346	2.50%	0.166%
6	7.645	785	792	802	rBV	1582679	2466527	7.70%	0.511%
7	8.351	905	912	921	rVV	1353912	2191243	6.84%	0.454%
8	8.792	981	987	994	rVB	997613	1648937	5.15%	0.342%
9	9.510	1103	1109	1118	rVB	828878	1371744	4.28%	0.284%
10	10.010	1185	1194	1196	rVV	341455	635280	1.98%	0.132%
11	10.051	1196	1201	1210	rVV	1451626	2460073	7.68%	0.510%
12	10.428	1256	1265	1269	rBV	2080114	3580549	11.18%	0.742%
13	10.475	1269	1273	1282	rVV	688673	1144957	3.57%	0.237%
14	11.657	1464	1474	1481	rBV2	165114	474412	1.48%	0.098%
15	11.951	1517	1524	1533	rVV	446308	1309404	4.09%	0.271%
16	12.098	1543	1549	1557	rVB	492155	863304	2.69%	0.179%
17	12.316	1581	1586	1593	rVV	425302	666355	2.08%	0.138%
18	13.527	1787	1792	1798	rBV	514095	820269	2.56%	0.170%
19	13.616	1802	1807	1812	rVV	343045	567468	1.77%	0.118%
20	13.710	1818	1823	1826	rVV	2450332	3523764	11.00%	0.731%
21	13.751	1826	1830	1836	rVV3	2138054	3446339	10.76%	0.714%
22	13.980	1863	1869	1872	rBV	2880754	4912378	15.33%	1.018%
23	14.010	1872	1874	1884	rVB	3249098	4289632	13.39%	0.889%
24	14.292	1915	1922	1928	rVV	3256493	5017573	15.66%	1.040%
25	14.357	1928	1933	1941	rVB	861003	1408008	4.39%	0.292%
26	14.492	1951	1956	1966	rBV2	1011921	1934695	6.04%	0.401%
27	14.698	1986	1991	1999	rVB6	321303	822256	2.57%	0.170%
28	14.774	2000	2004	2009	rVB	404832	624658	1.95%	0.129%
29	14.845	2009	2016	2020	rBV3	294266	618893	1.93%	0.128%
30	14.898	2020	2025	2031	rBV2	917726	1893453	5.91%	0.393%
31	15.004	2040	2043	2049	rVB2	394999	506758	1.58%	0.105%
32	15.063	2049	2053	2056	rBV	346794	557042	1.74%	0.115%
33	15.168	2066	2071	2077	rVB	971754	1450401	4.53%	0.301%
34	15.286	2086	2091	2097	rVB	3993670	5838321	18.22%	1.210%

LSC Area Percent Report

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Data File : BM023328.D
Acq On : 22 Oct 2019 20:44
Operator : JU
Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

35	15.345	2097	2101	2103	rBV2	424790	666794	2.08%	0.138%
36	15.410	2108	2112	2116	rVV2	596582	862275	2.69%	0.179%
37	15.798	2174	2178	2184	rVB4	333704	605772	1.89%	0.126%
38	16.021	2211	2216	2221	rVV5	689783	1500238	4.68%	0.311%
39	16.068	2221	2224	2231	rVB2	684086	973503	3.04%	0.202%
40	16.162	2237	2240	2244	rBV2	328590	523190	1.63%	0.108%
41	16.339	2266	2270	2277	rBV6	450165	1232733	3.85%	0.256%
42	16.398	2277	2280	2287	rVB3	321258	559829	1.75%	0.116%
43	16.621	2314	2318	2323	rBV	790749	1145378	3.58%	0.237%
44	16.892	2361	2364	2371	rVB	655785	981702	3.06%	0.204%
45	17.039	2384	2389	2392	rBV2	3797291	5366319	16.75%	1.112%
46	17.080	2392	2396	2401	rVV	4994763	6936702	21.65%	1.438%
47	17.139	2401	2406	2409	rVV	3987045	6097836	19.03%	1.264%
48	17.168	2409	2411	2416	rVB	2468983	3131502	9.77%	0.649%
49	17.233	2417	2422	2428	rBV3	1094753	2010826	6.28%	0.417%
50	17.498	2463	2467	2469	rBV2	411353	686824	2.14%	0.142%
51	17.568	2476	2479	2482	rVB2	550934	670342	2.09%	0.139%
52	17.621	2485	2488	2492	rVB	807241	996599	3.11%	0.207%
53	17.915	2534	2538	2542	rBV	2393967	3304073	10.31%	0.685%
54	17.968	2542	2547	2555	rVV	5111207	7641198	23.85%	1.584%
55	18.045	2556	2560	2565	rVV	1765590	2849096	8.89%	0.591%
56	18.104	2565	2570	2575	rVV2	4751520	9335528	29.14%	1.935%
57	18.145	2575	2577	2587	rVB	2749735	3842024	11.99%	0.796%
58	18.421	2621	2624	2627	rVB2	1423362	1562583	4.88%	0.324%
59	18.456	2627	2630	2638	rVB3	832816	1592182	4.97%	0.330%
60	18.645	2658	2662	2663	rBV2	643679	834014	2.60%	0.173%
61	18.674	2664	2667	2672	rVB4	1847653	2336461	7.29%	0.484%
62	18.733	2672	2677	2680	rBV3	1375860	2627590	8.20%	0.545%
63	18.845	2691	2696	2700	rBV2	4522910	7159178	22.35%	1.484%
64	18.903	2701	2706	2709	rVV3	2251964	4035359	12.60%	0.837%
65	18.933	2709	2711	2715	rVB	1846908	2152143	6.72%	0.446%
66	18.980	2715	2719	2726	rBV4	1948125	4378996	13.67%	0.908%
67	19.103	2735	2740	2747	rBV	12359614	16814569	52.48%	3.486%
68	19.174	2748	2752	2756	rVV2	6411680	7954501	24.83%	1.649%
69	19.256	2761	2766	2770	rBV	4235363	5977880	18.66%	1.239%
70	19.374	2783	2786	2792	rVB	2482340	3742906	11.68%	0.776%
71	19.439	2793	2797	2799	rVV	5483044	7832150	24.45%	1.624%

LSC Area Percent Report

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Acq On : 22 Oct 2019 20:44
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Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

72	19.468	2799	2802	2812	rVB	16248146	23319689	72.79%	4.834%
73	19.645	2829	2832	2835	rBV2	1261425	1501143	4.69%	0.311%
74	19.798	2854	2858	2863	rBV2	3133598	6258322	19.53%	1.297%
75	19.845	2863	2866	2870	rVB2	3425347	4019622	12.55%	0.833%
76	19.898	2870	2875	2878	rBV2	2854967	4436889	13.85%	0.920%
77	19.939	2878	2882	2884	rVV3	3265172	5775842	18.03%	1.197%
78	19.968	2884	2887	2892	rVB	5204099	7223055	22.55%	1.497%
79	20.068	2901	2904	2909	rVB	3174087	4015567	12.53%	0.832%
80	20.127	2910	2914	2918	rBV	4101328	4974237	15.53%	1.031%
81	20.227	2926	2931	2935	rBV	7241675	10157659	31.71%	2.106%
82	20.268	2935	2938	2942	rVV	4520029	5982522	18.67%	1.240%
83	20.309	2942	2945	2950	rVB	4083298	5248746	16.38%	1.088%
84	20.921	3046	3049	3051	rBV2	1929639	2150113	6.71%	0.446%
85	20.974	3056	3058	3063	rVB2	3999612	4369505	13.64%	0.906%
86	21.227	3096	3101	3106	rBV3	16874049	31277469	97.63%	6.484%
87	21.274	3106	3109	3116	rVB	13707995	18596361	58.05%	3.855%
88	21.786	3193	3196	3200	rVB	4644944	5965106	18.62%	1.237%
89	21.839	3202	3205	3207	rVV	3097989	3866010	12.07%	0.801%
90	21.868	3207	3210	3219	rVB4	4784751	8647663	26.99%	1.793%
91	21.980	3226	3229	3232	rBV	2679887	3178806	9.92%	0.659%
92	22.797	3362	3368	3377	rBV	10090176	32037126	100.00%	6.642%
93	22.962	3392	3396	3401	rVB	3891783	6125302	19.12%	1.270%
94	23.262	3442	3447	3452	rBV	7733027	13697153	42.75%	2.840%
95	23.309	3452	3455	3458	rVV	3011997	4692586	14.65%	0.973%
96	23.356	3458	3463	3472	rVB	11727195	22987454	71.75%	4.765%
97	23.450	3475	3479	3483	rVB	2856498	4482773	13.99%	0.929%
98	24.785	3702	3706	3713	rVB4	2612932	5084242	15.87%	1.054%
99	25.679	3849	3858	3869	rVB	6567462	23005132	71.81%	4.769%
100	26.350	3965	3972	3982	rVB	4917650	14862956	46.39%	3.081%

Sum of corrected areas: 482376797

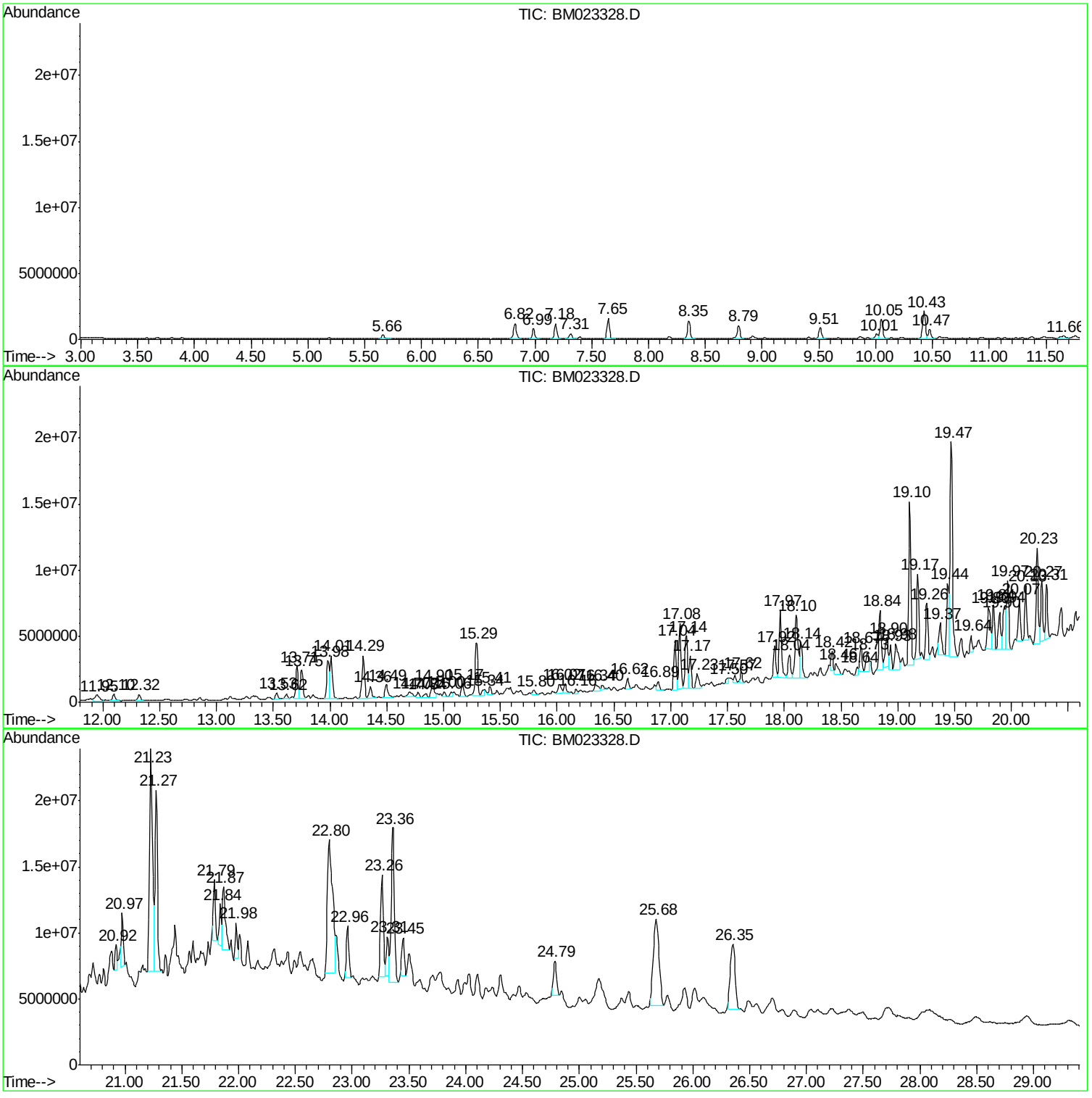
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023328.D
Acq On : 22 Oct 2019 20:44
Operator : JU
Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023328.D
Acq On : 22 Oct 2019 20:44
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

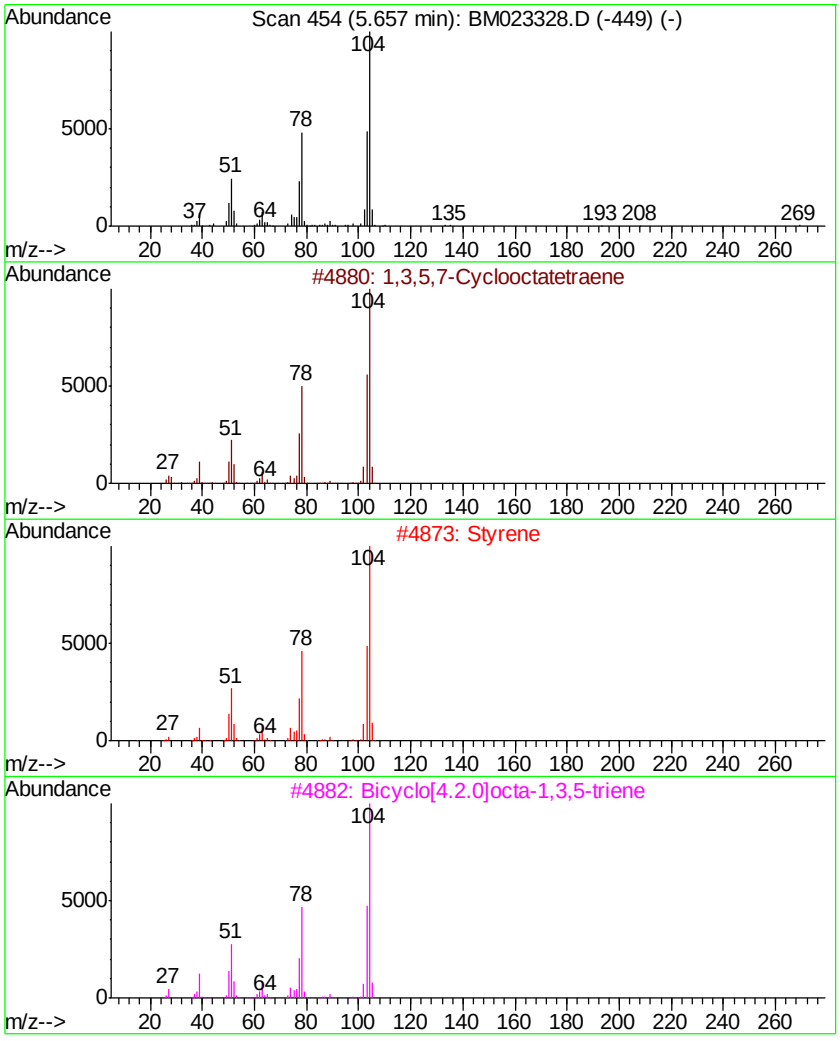
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

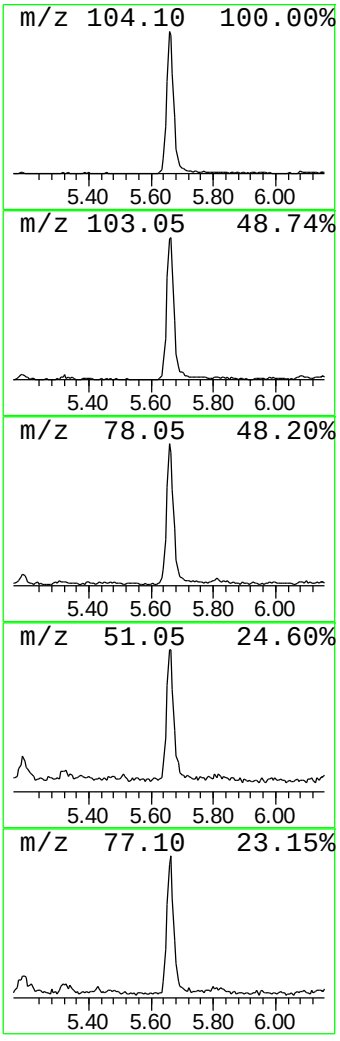
****

Peak Number 1 1,3,5,7-Cyclooctatetraene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	4.39 ng/ul	541944	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2	Styrene	104	C8H8	000100-42-5	96
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
5	Styrene	104	C8H8	000100-42-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023328.D
Acq On : 22 Oct 2019 20:44
Operator : JU
Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

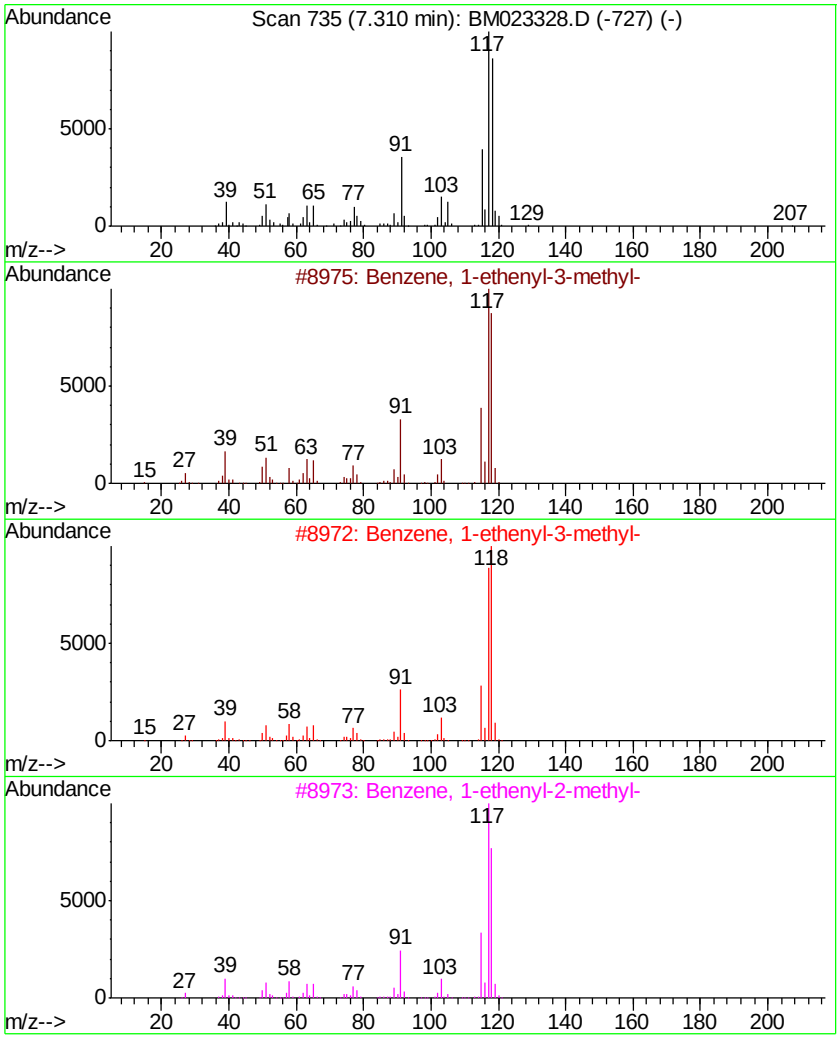
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

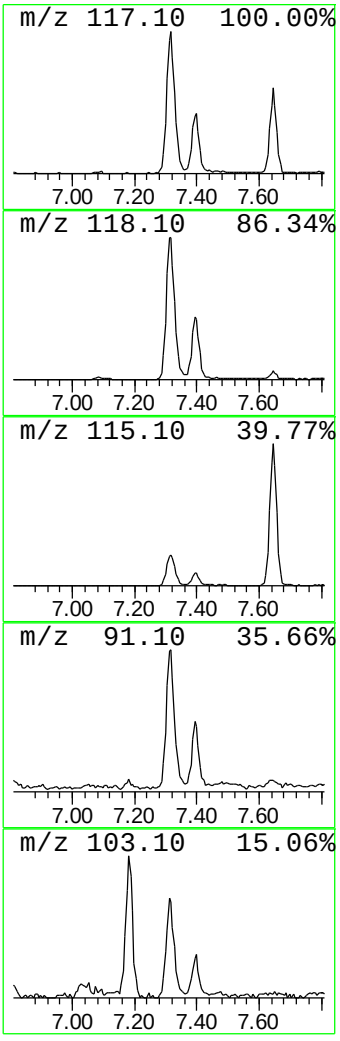
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	6.48 ng/ul	799346	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023328.D
Acq On : 22 Oct 2019 20:44
Operator : JU
Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

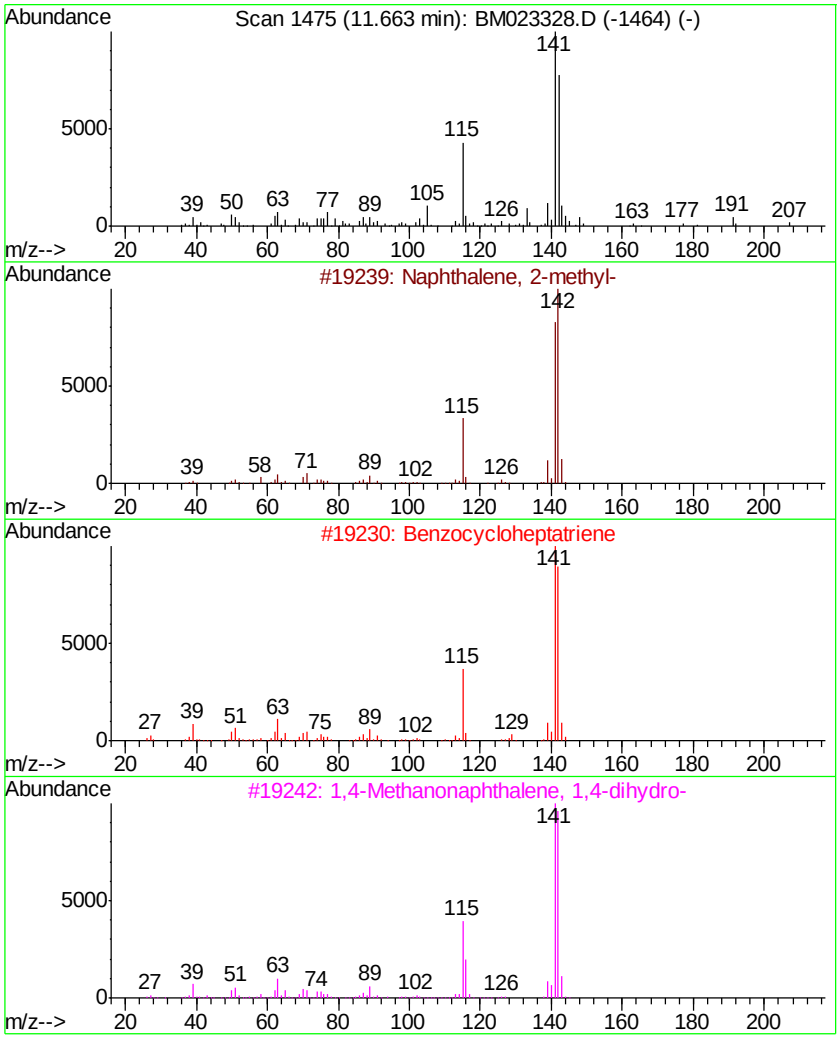
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

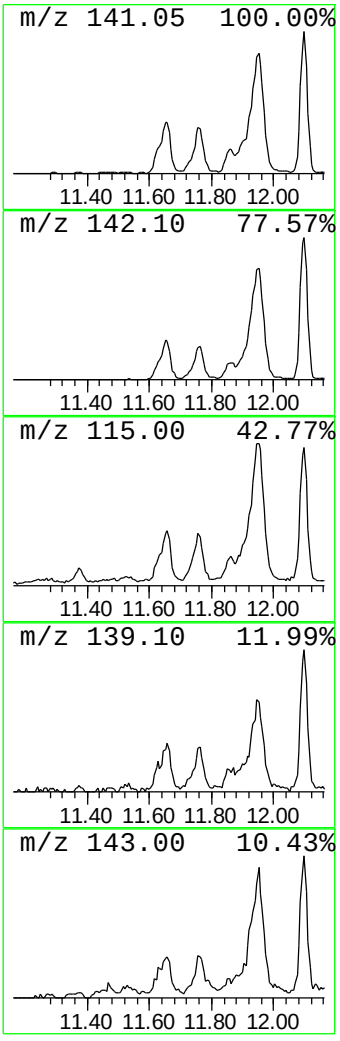
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	2.65 ng/ul	474412	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2	Benzocycloheptatriene	142	C11H10	000264-09-5	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023328.D
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

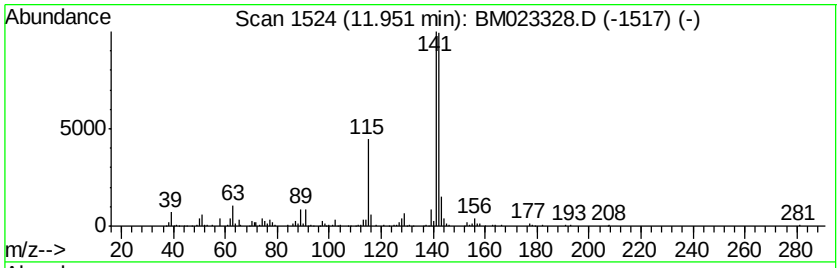
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

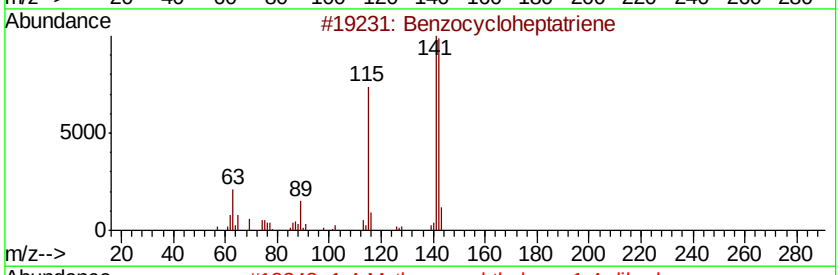
****

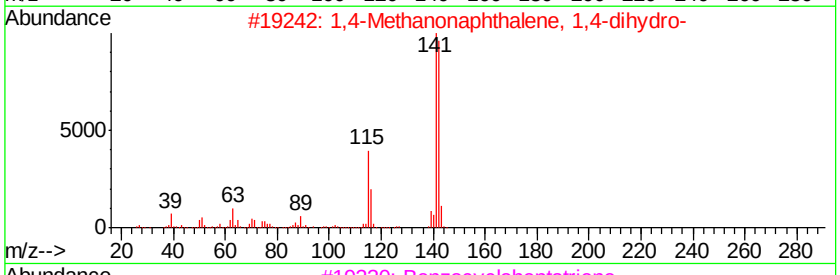
Peak Number 4 Benzocycloheptatriene Concentration Rank 16

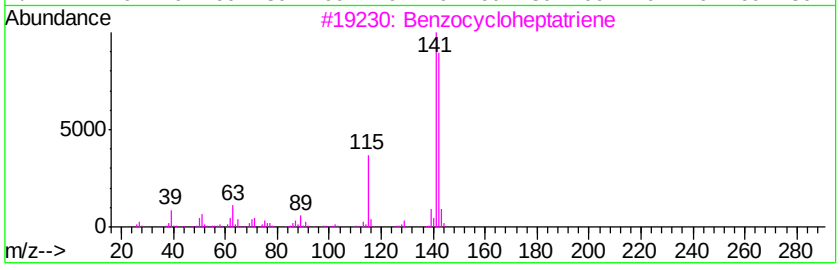
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	7.31 ng/ul	1309400	Naphthalene-d8	10.43

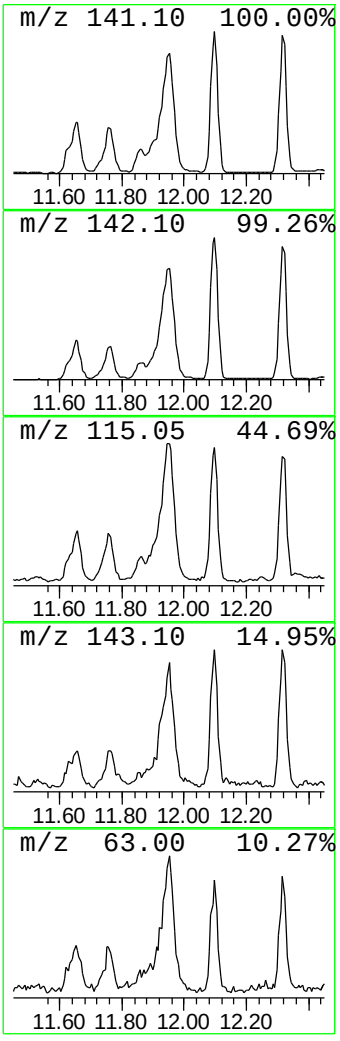
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	90
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
3	Benzocycloheptatriene	142	C11H10	000264-09-5	90
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87











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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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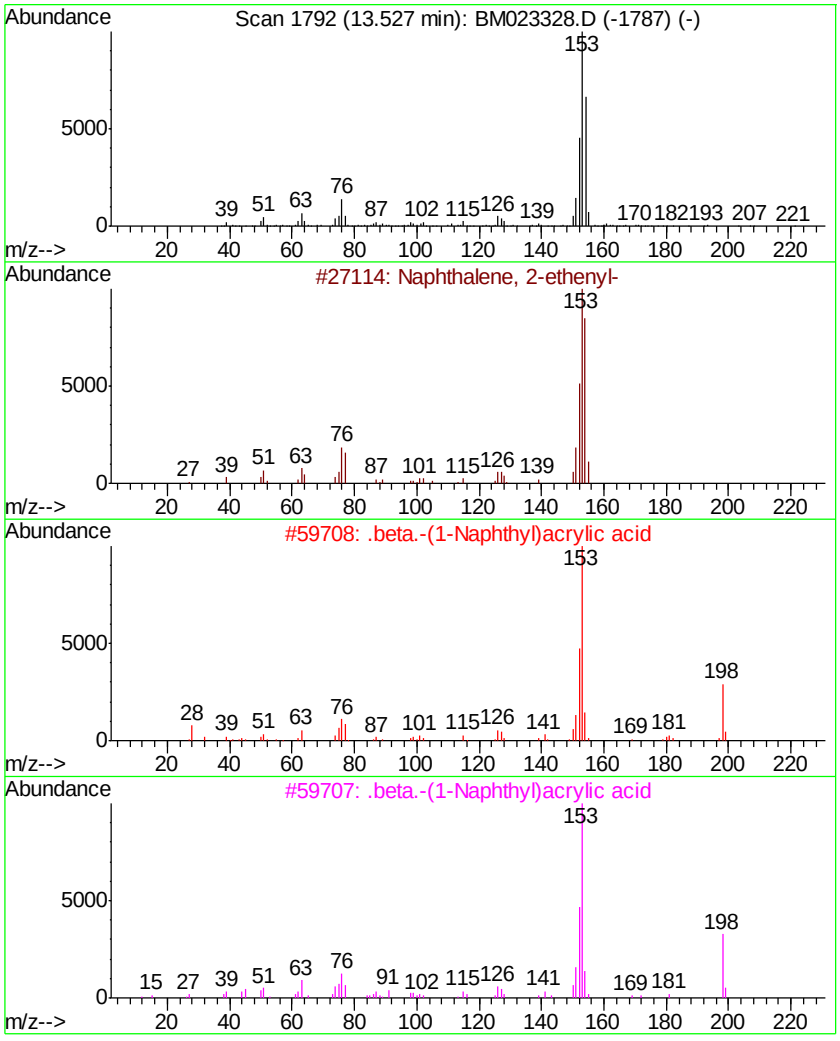
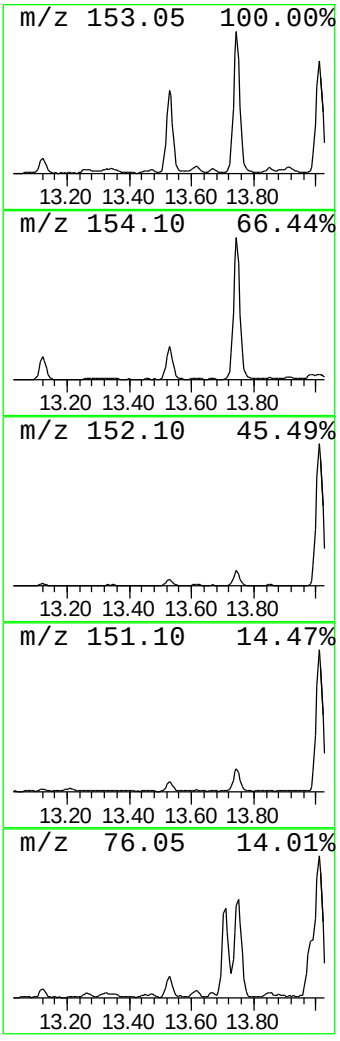
Peak Number 6 Naphthalene, 2-ethenyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.27 ng/ul	820269	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	70
2	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	64
3	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	64
4	Acenaphthene	154	C12H10	000083-32-9	60
5	Acenaphthene	154	C12H10	000083-32-9	55





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Acq On : 22 Oct 2019 20:44
Operator : JU
Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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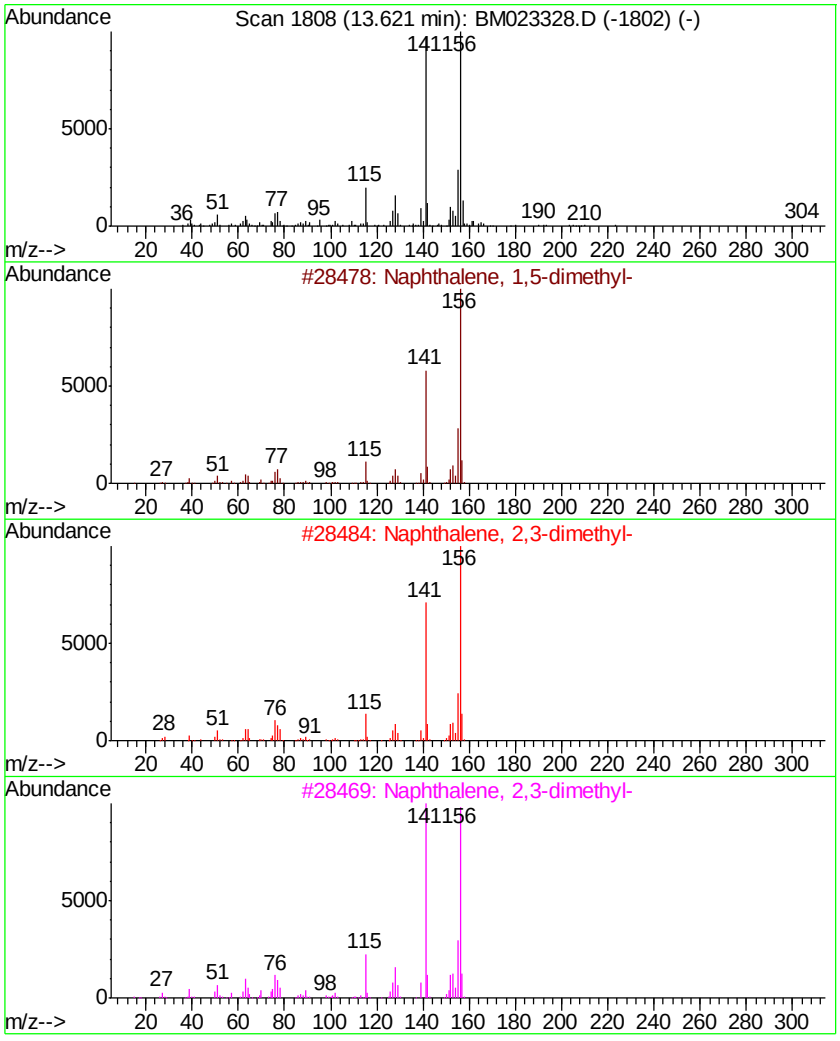
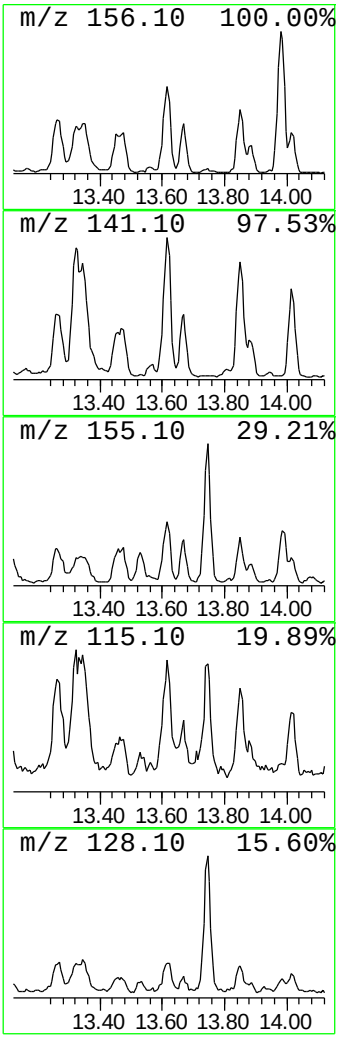
Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.26 ng/ul	567468	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Library Search Compound Report

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Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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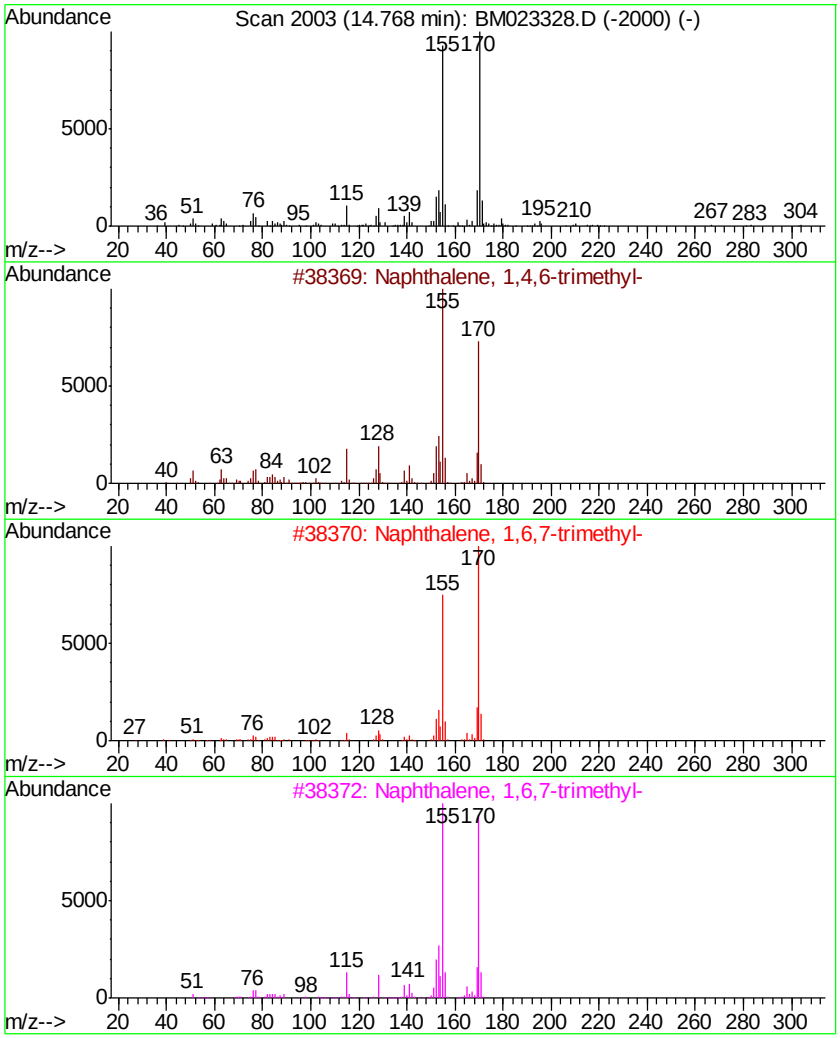
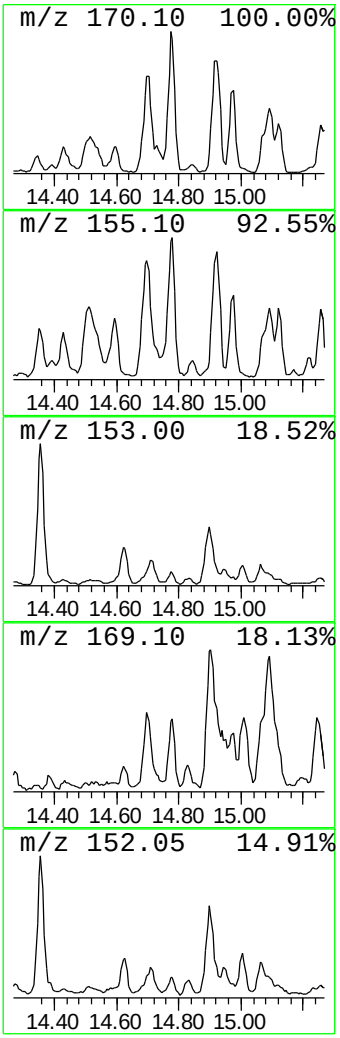
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.49 ng/ul	624658	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





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Operator : JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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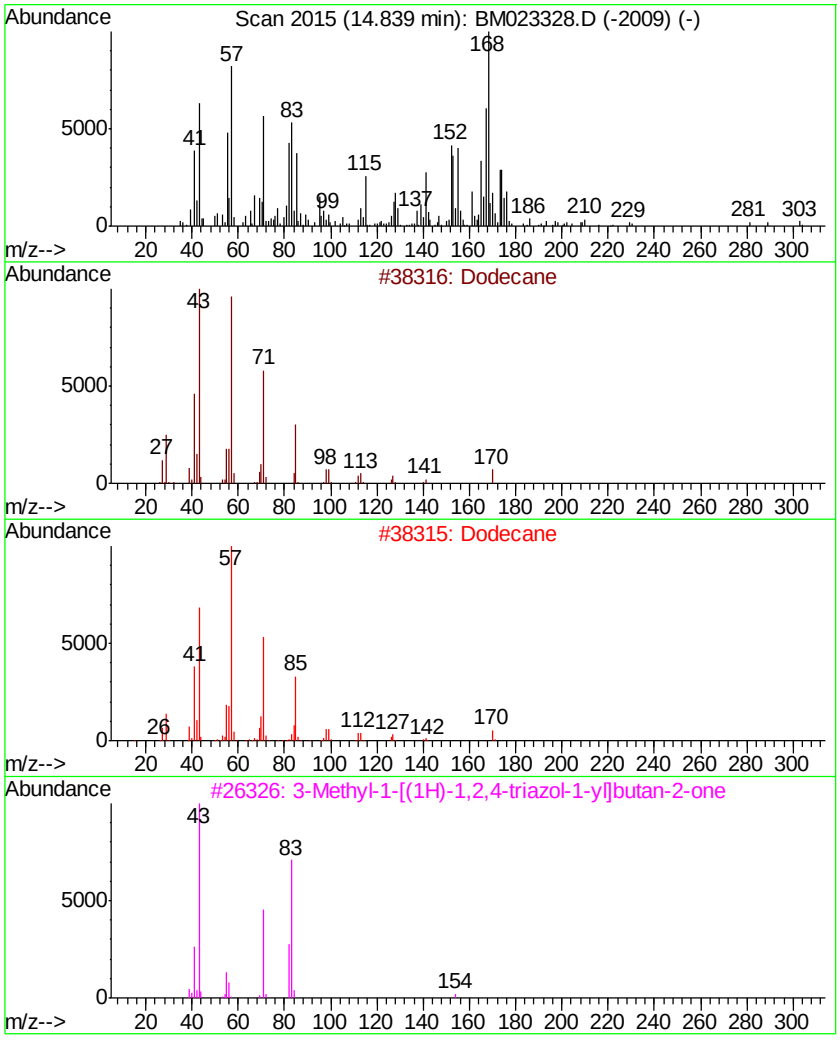
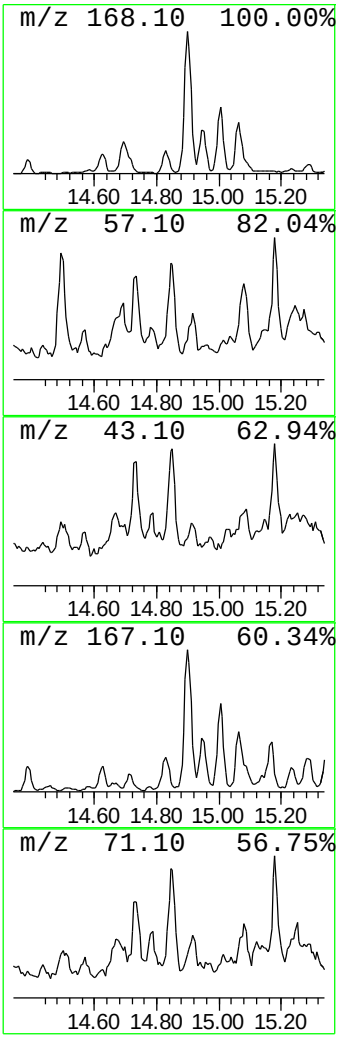
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.47 ng/ul	618893	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	38
2	Dodecane	170	C12H26	000112-40-3	30
3	3-Methyl-1-[(1H)-1,2,4-triazol-1...	153	C7H11N3O	064922-02-7	27
4	Nonadecane	268	C19H40	000629-92-5	25
5	Tetratetracontane	619	C44H90	007098-22-8	25





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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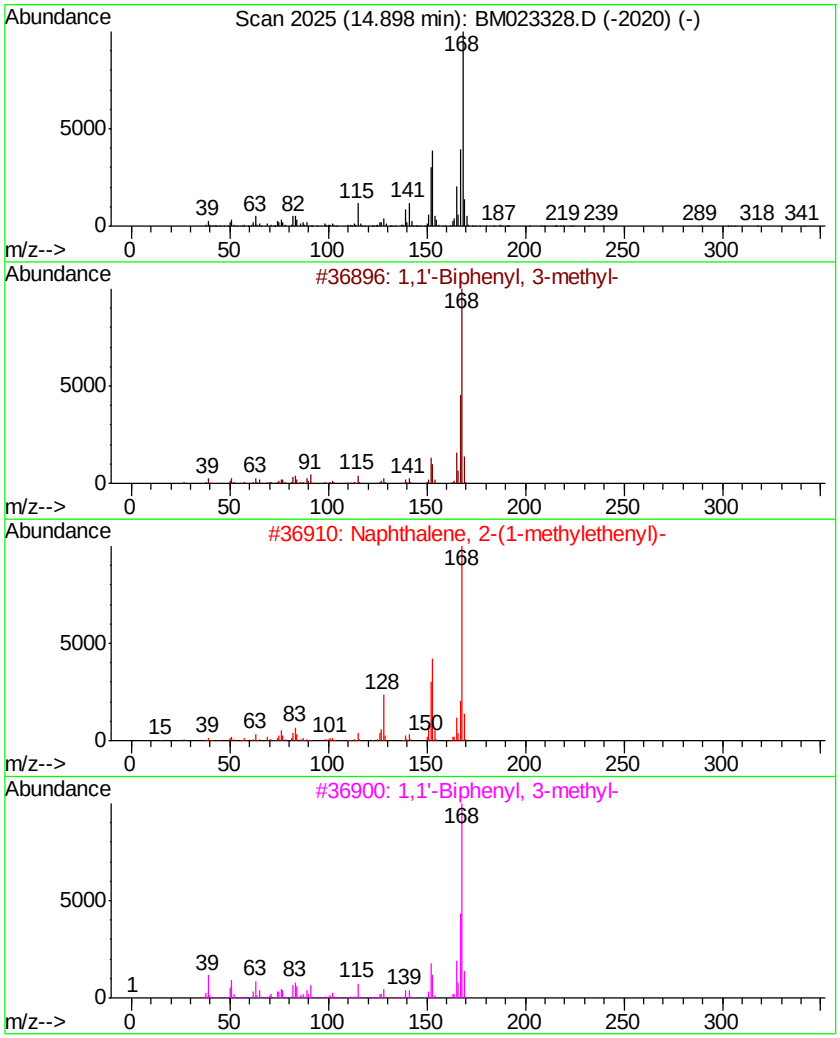
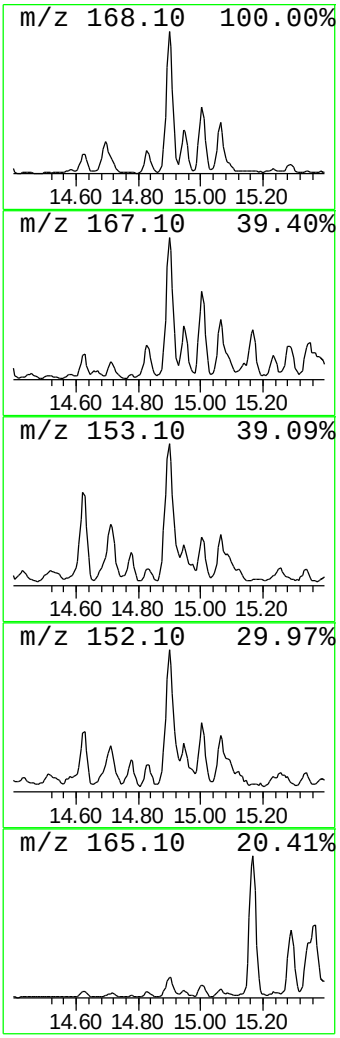
Peak Number 10 1,1'-Biphenyl, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	7.55 ng/ul	1893450	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	76
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	64
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	59
4	Diphenylmethane	168	C13H12	000101-81-5	47
5	4-Methoxy-2-methyl-1-(methylthio...	168	C9H12OS	022583-04-6	46





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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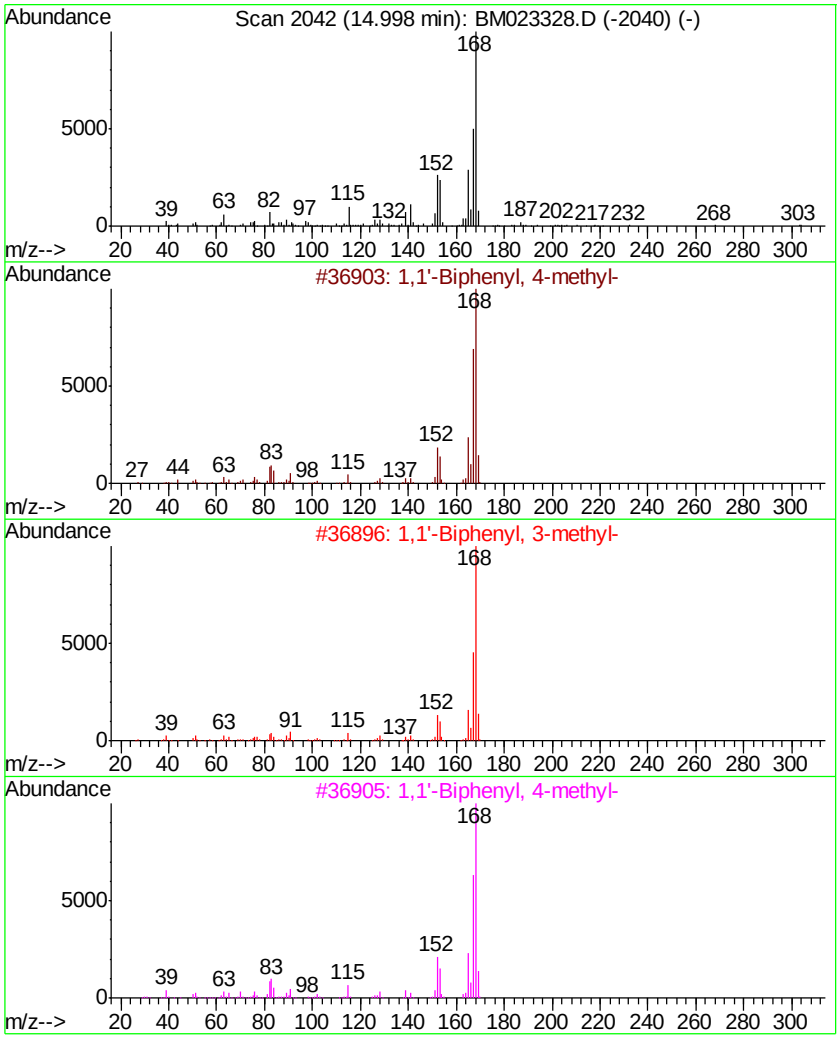
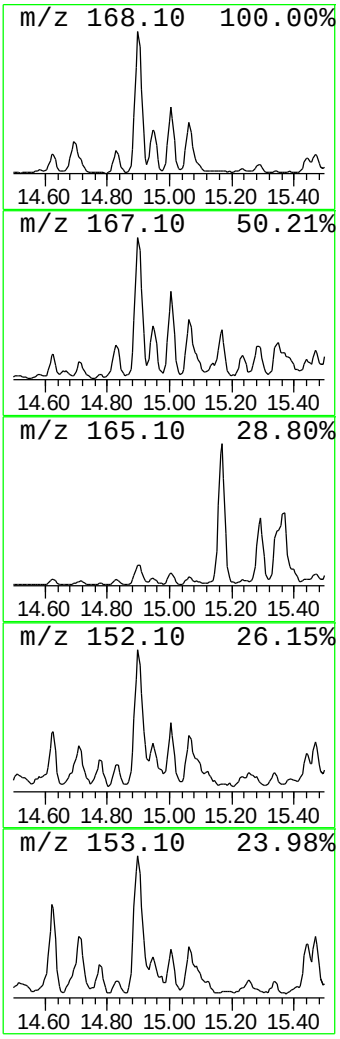
Peak Number 11 1,1'-Biphenyl, 4-methyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.02 ng/ul	506758	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	83
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	81
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81





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Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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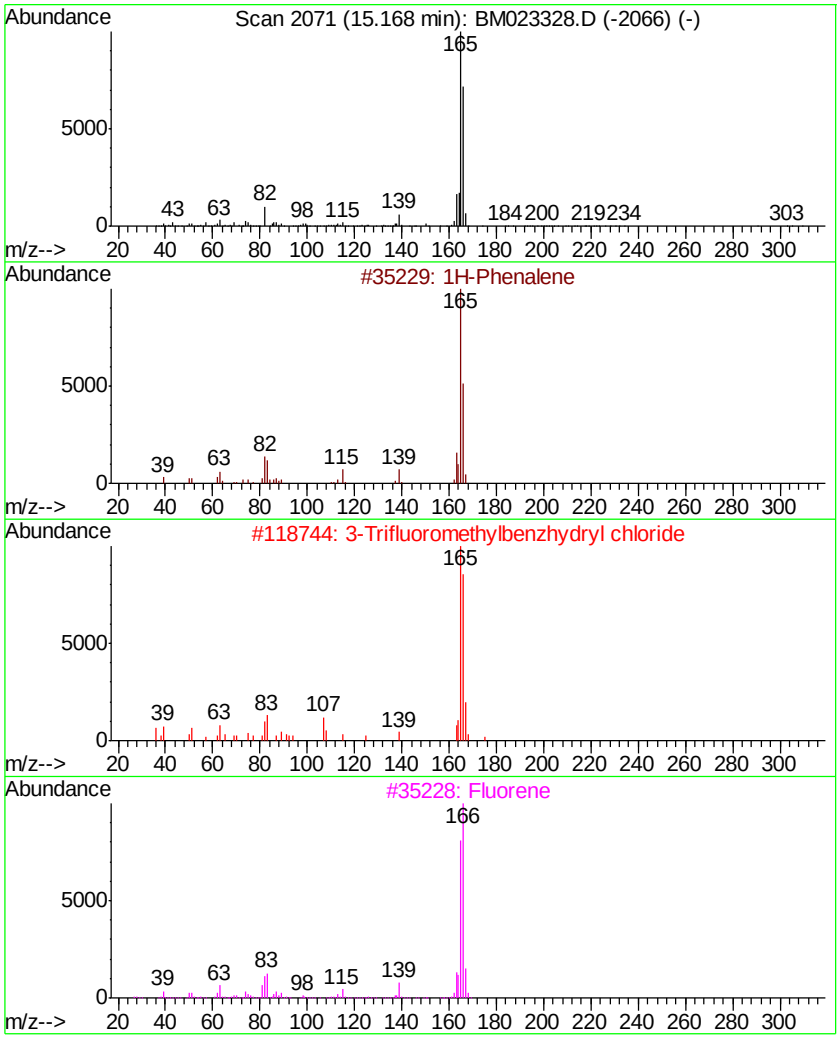
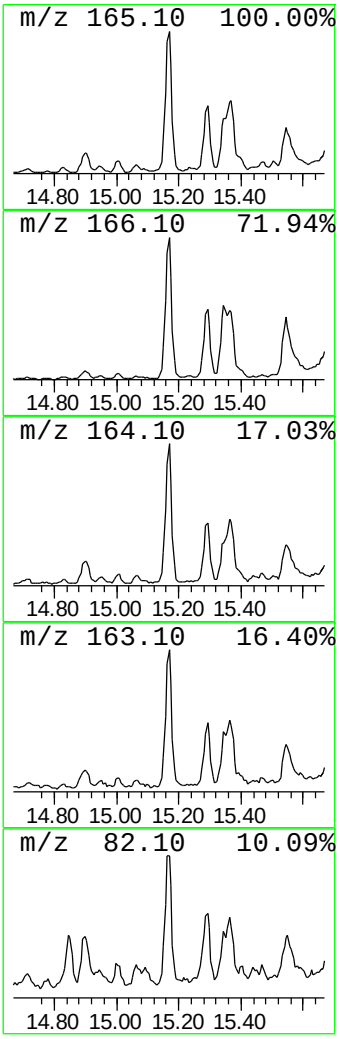
Peak Number 13 1H-Phenalene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	5.78 ng/ul	1450400	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
3	Fluorene	166	C13H10	000086-73-7	58
4	Fluorene	166	C13H10	000086-73-7	50
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	45





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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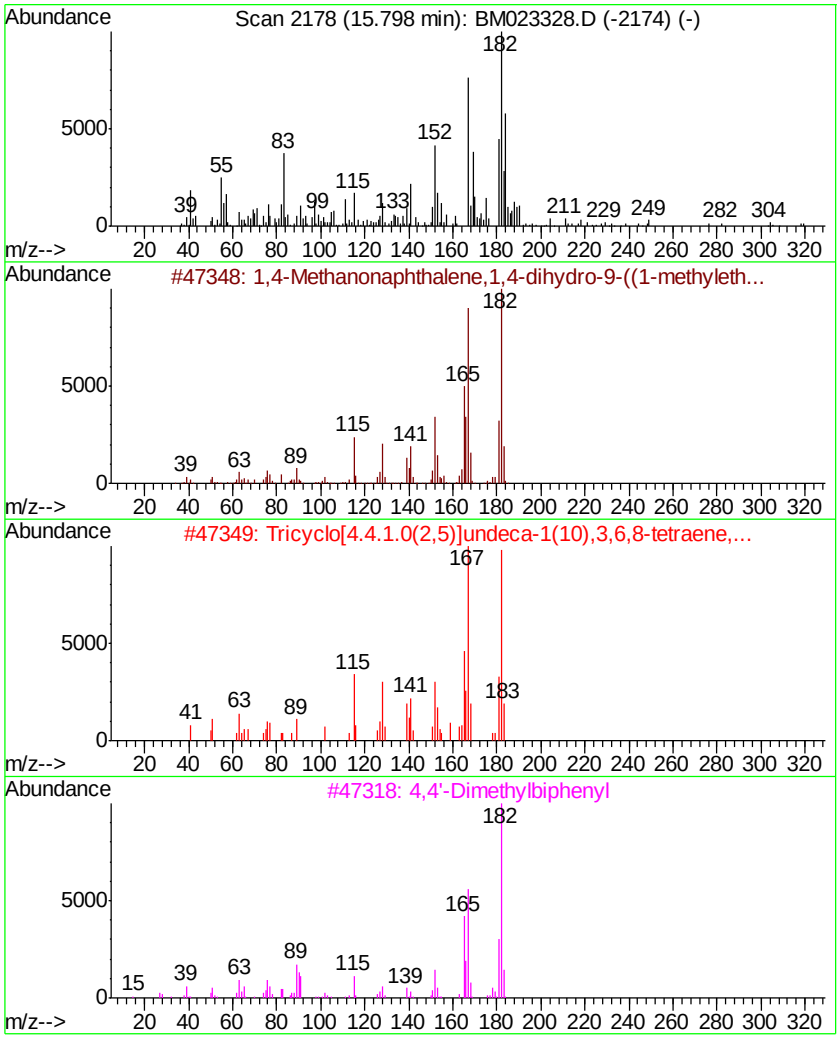
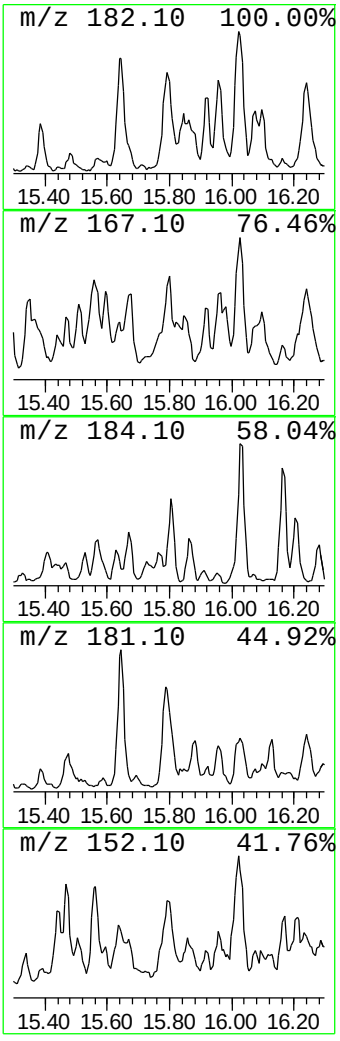
Peak Number 14 1,4-Methanonaphthalene,1,4-... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.26 ng/ul	605772	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	58
2	Tricyclo[4.4.1.0(2,5)]undeca-1(1...	182	C14H14	055836-29-8	53
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	49
4	7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	43
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	43





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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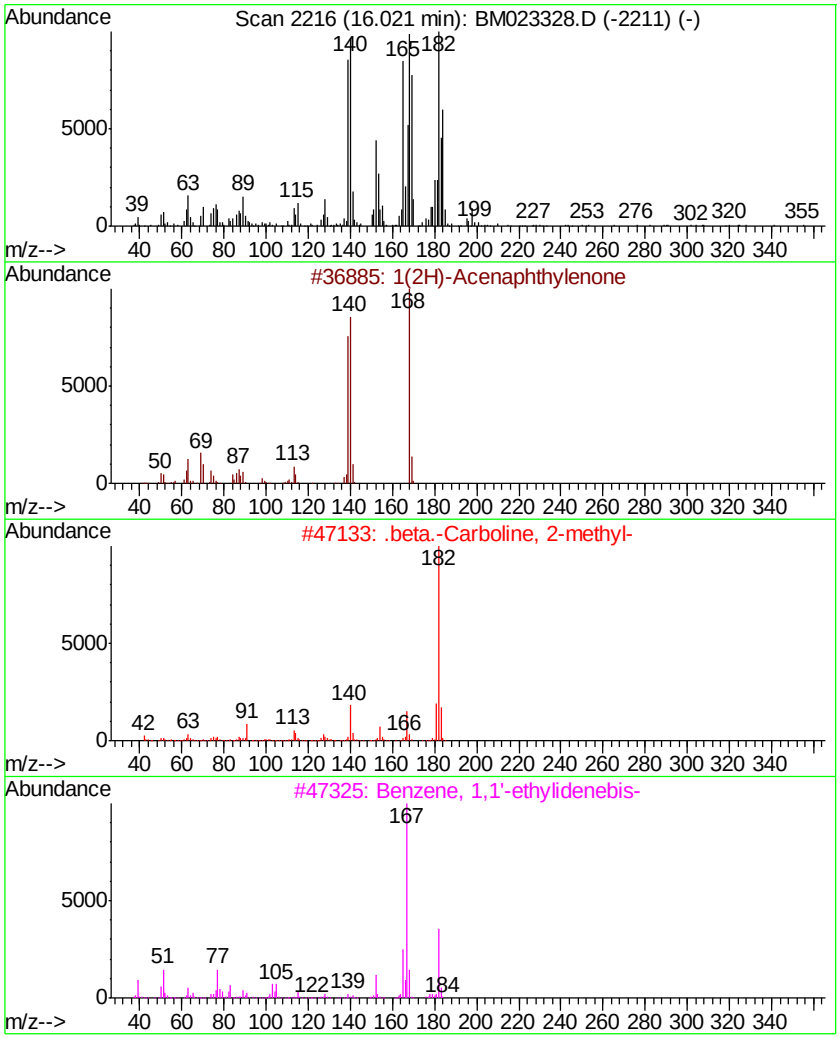
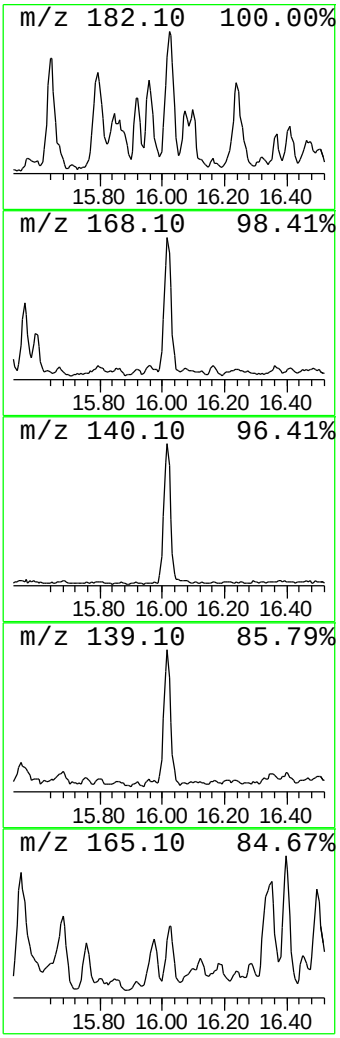
Peak Number 15 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	5.59 ng/ul	1500240	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	38
2	.beta.-Carboline, 2-methyl-	182	C12H10N2	013099-99-5	30
3	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	30
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	25
5	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	25





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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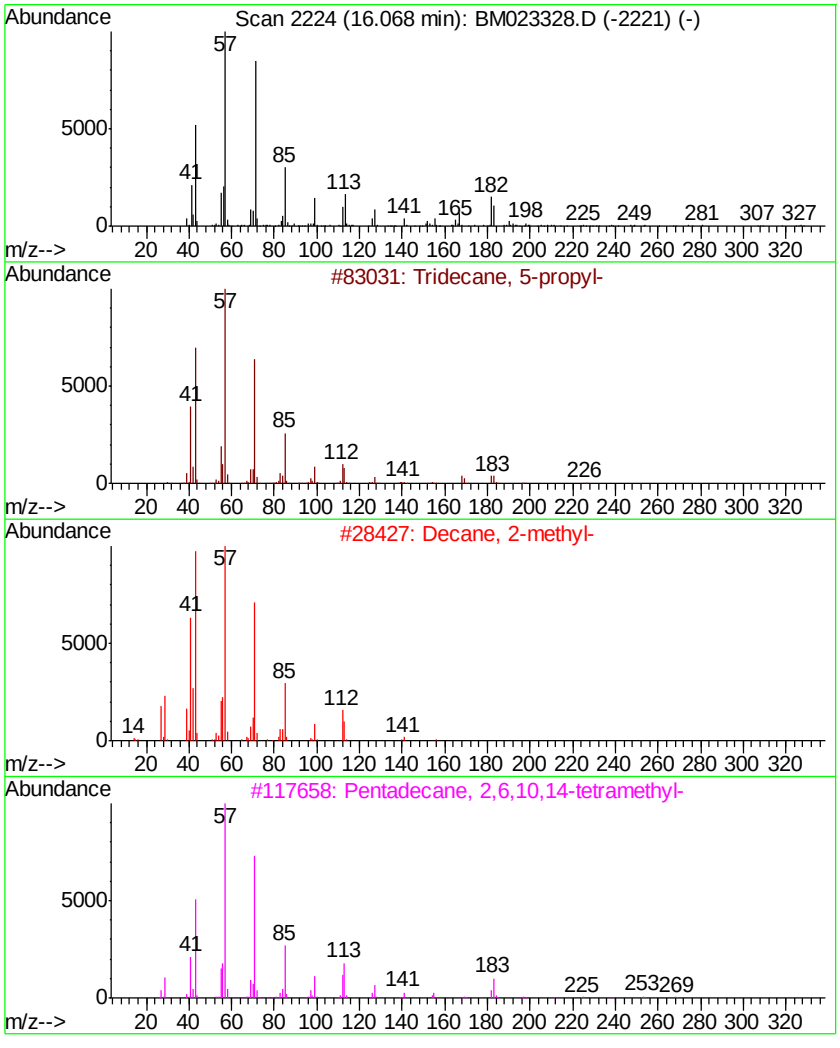
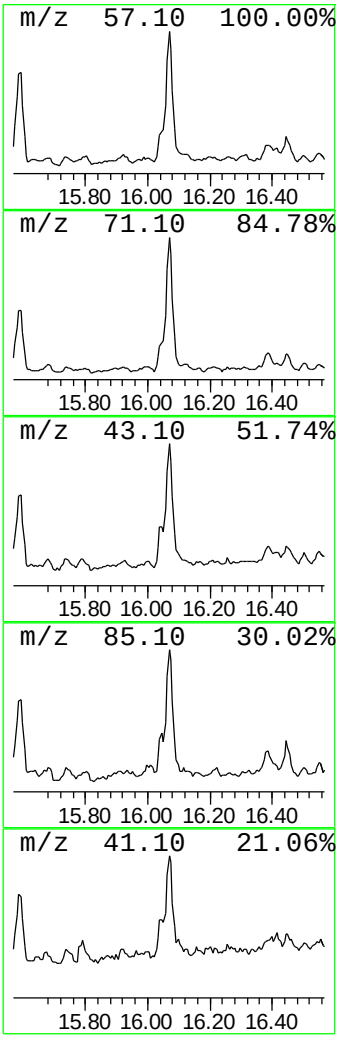
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.63 ng/ul	973503	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2	Decane, 2-methyl-	156	C11H24	006975-98-0	72
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	62
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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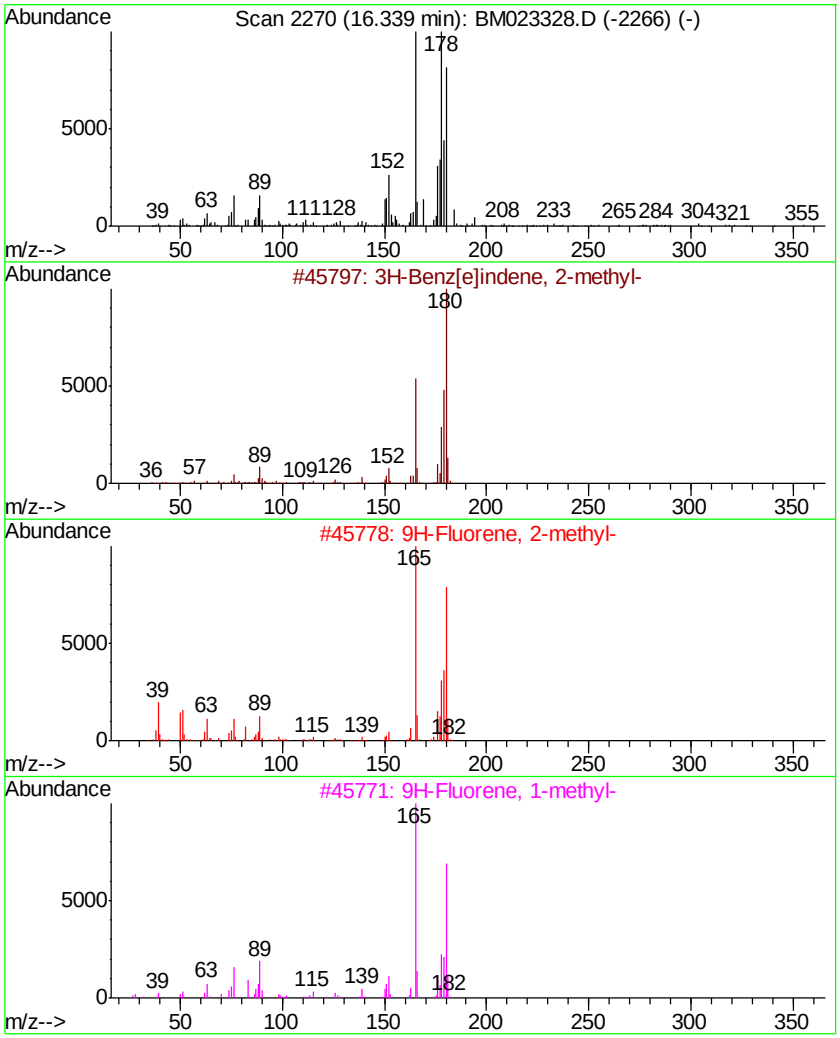
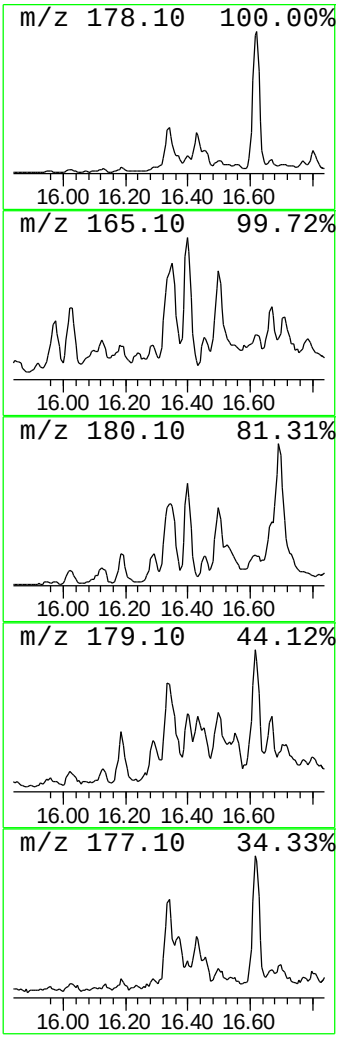
Peak Number 17 3H-Benz[e]indene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	4.59 ng/ul	1232730	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	60
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
4	Pentacyclo[6.4.0.0(1,8).1(2,7)]t...	180	C14H12	086120-84-5	50
5	4-Hydroxy-1,2,3,4-tetrahydrophen...	294	C16H13F3O2	1000365-73-0	49





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Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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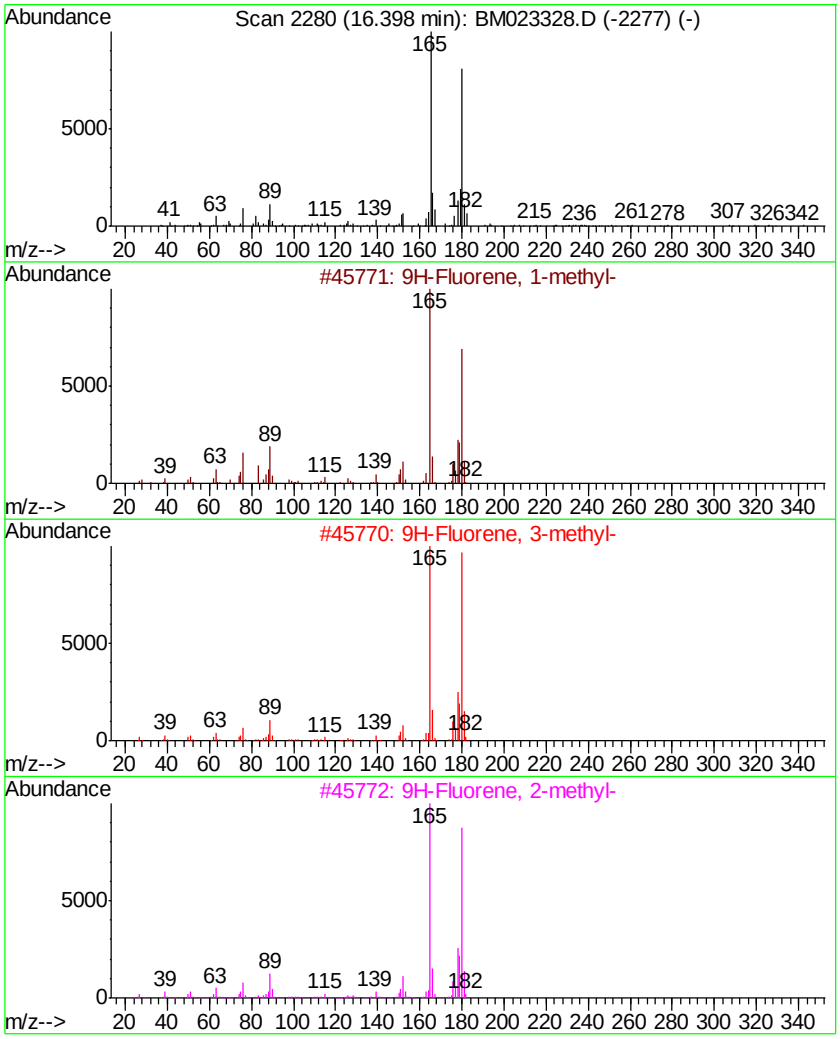
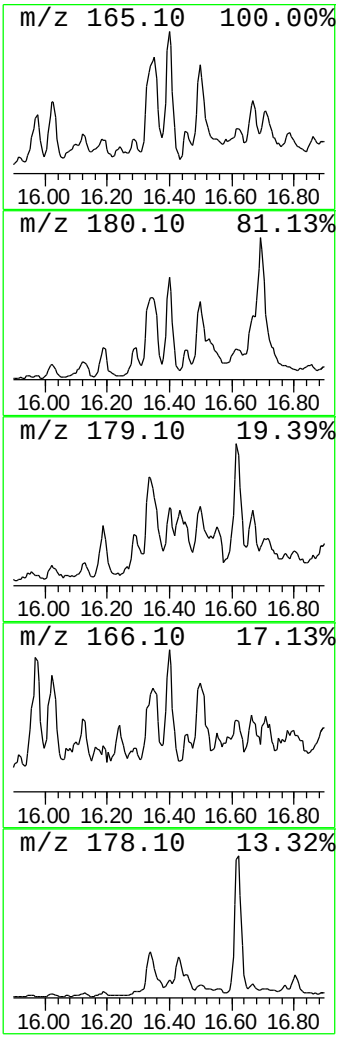
Peak Number 18 9H-Fluorene, 1-methyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.09 ng/ul	559829	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87





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Operator : JU
Sample : K5354-11
Misc :
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Instrument : BNA_M
ClientSampleId : BFB86

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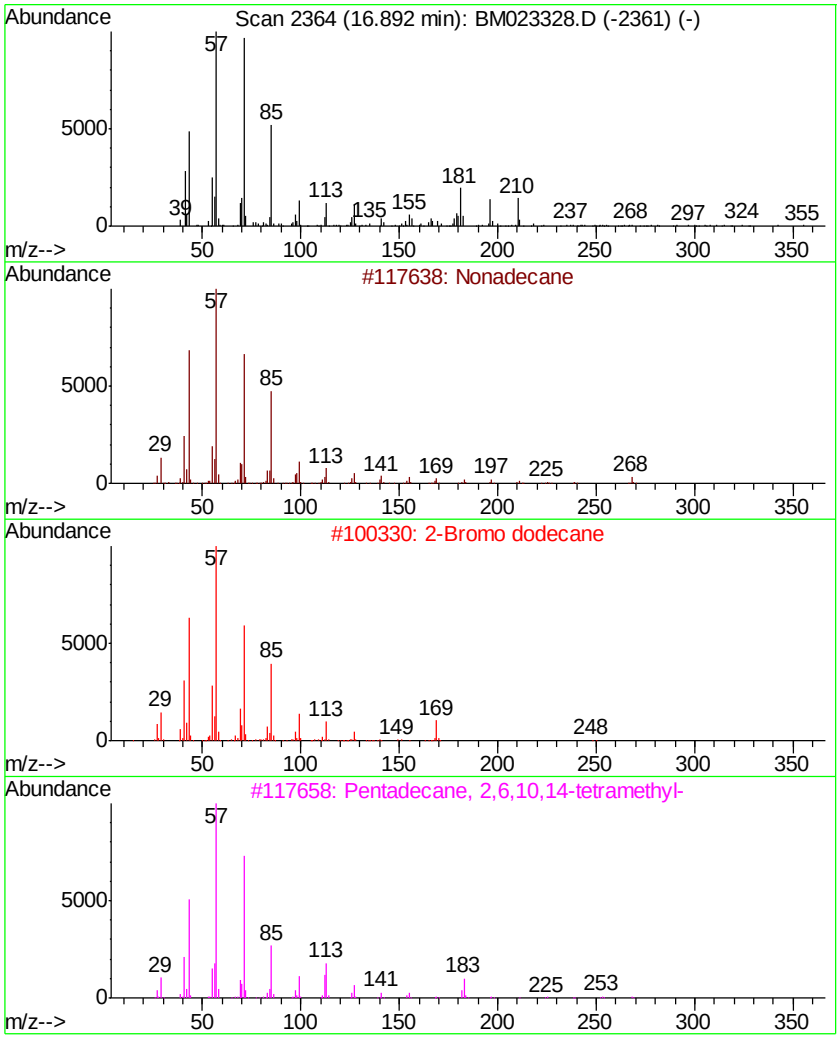
Quant Title : SVOA CALIBRATION

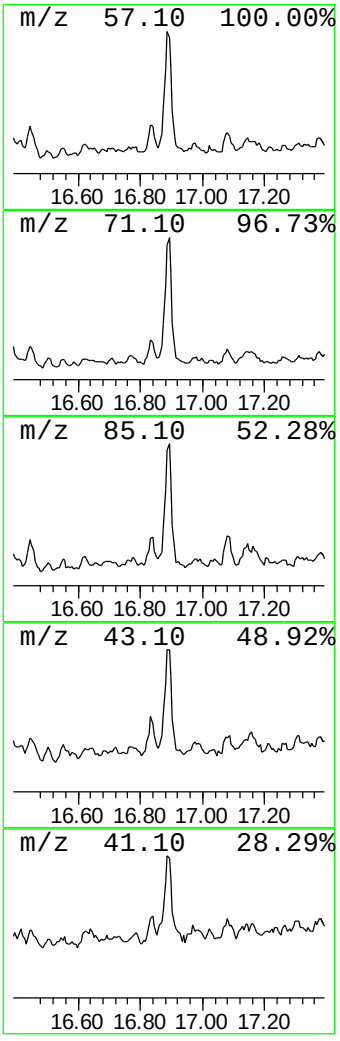
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	3.66 ng/ul	981702	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	74
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	58
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	53
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50





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Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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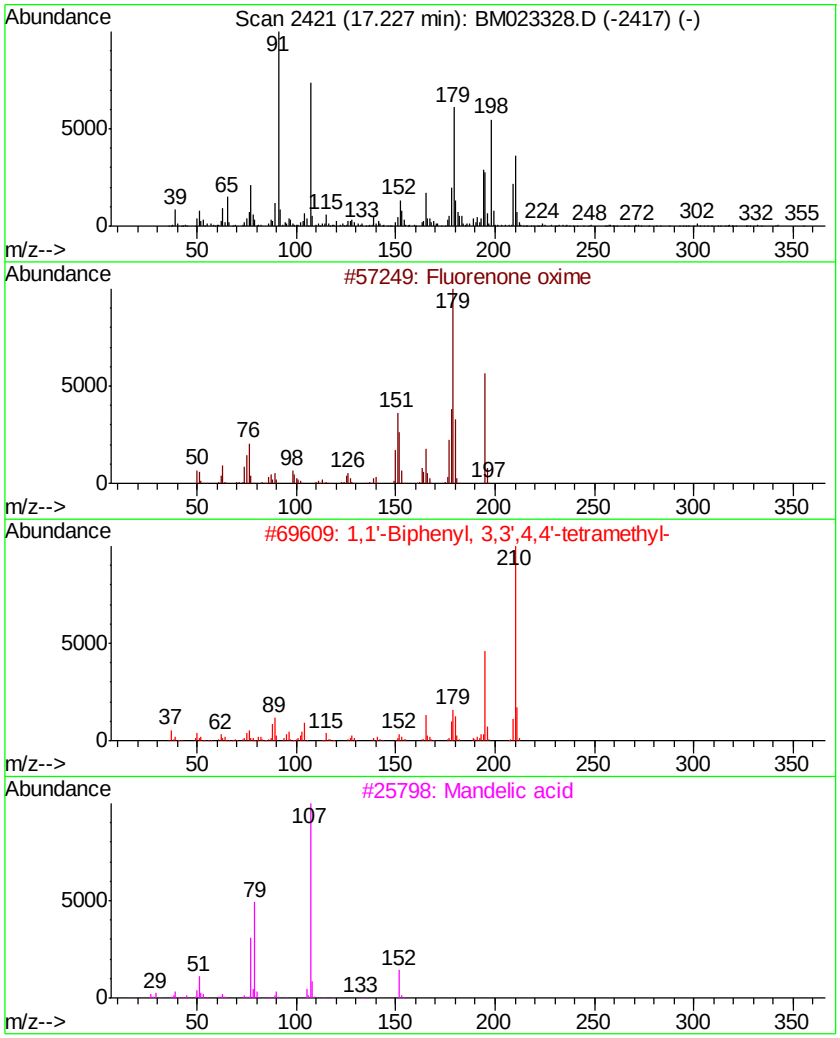
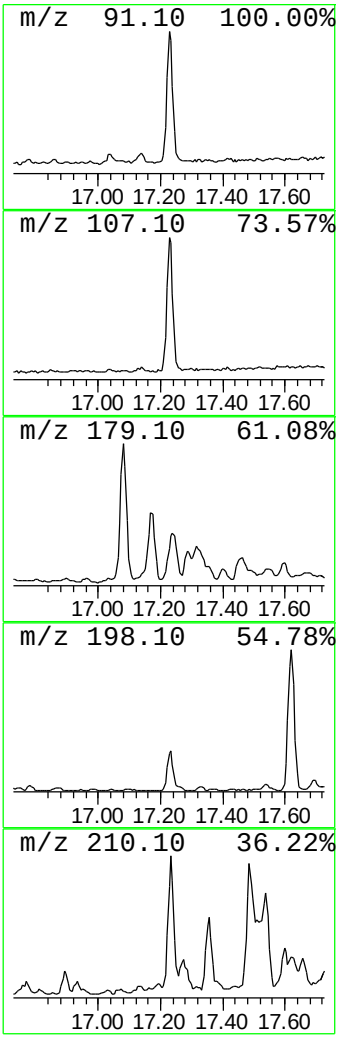
Peak Number 21 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	7.49 ng/ul	2010830	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorenone oxime	195	C13H9NO	002157-52-0	38
2	1,1'-Biphenyl, 3,3',4,4'-tetrame...	210	C16H18	004920-95-0	30
3	Mandelic acid	152	C8H8O3	000090-64-2	25
4	Pyridine, 2-(phenylethynyl)-	179	C13H9N	013141-42-9	25
5	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	25





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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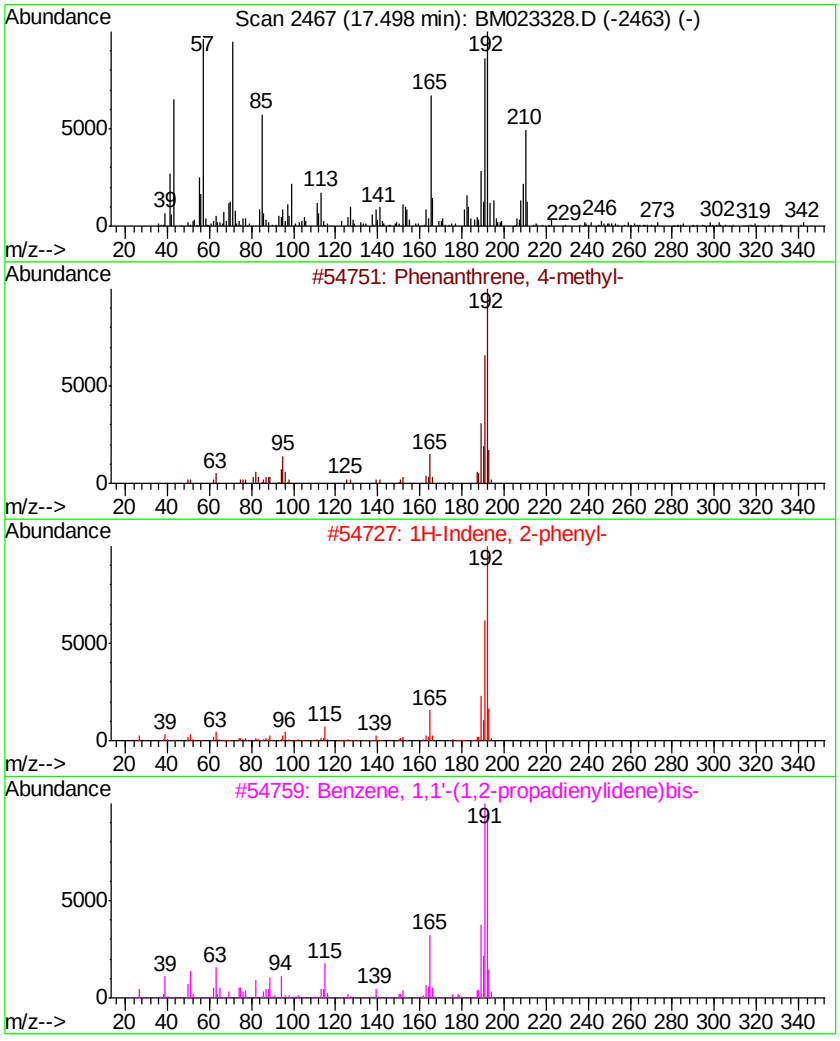
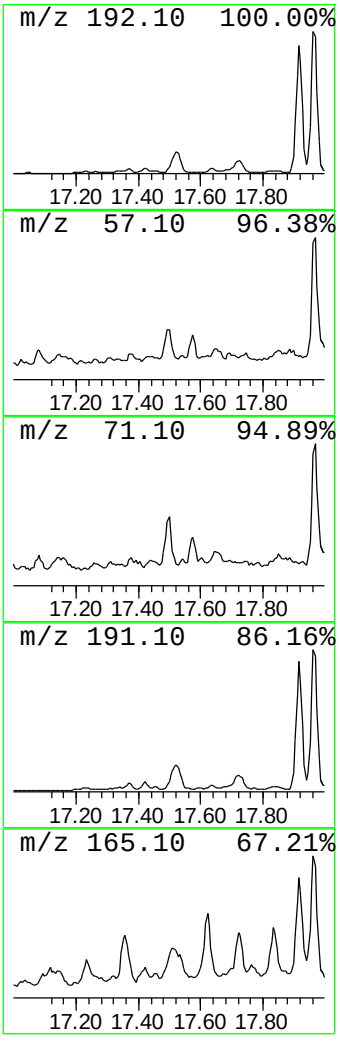
Peak Number 22 unknown-03 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	2.56 ng/ul	686824	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	41
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	41
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	41





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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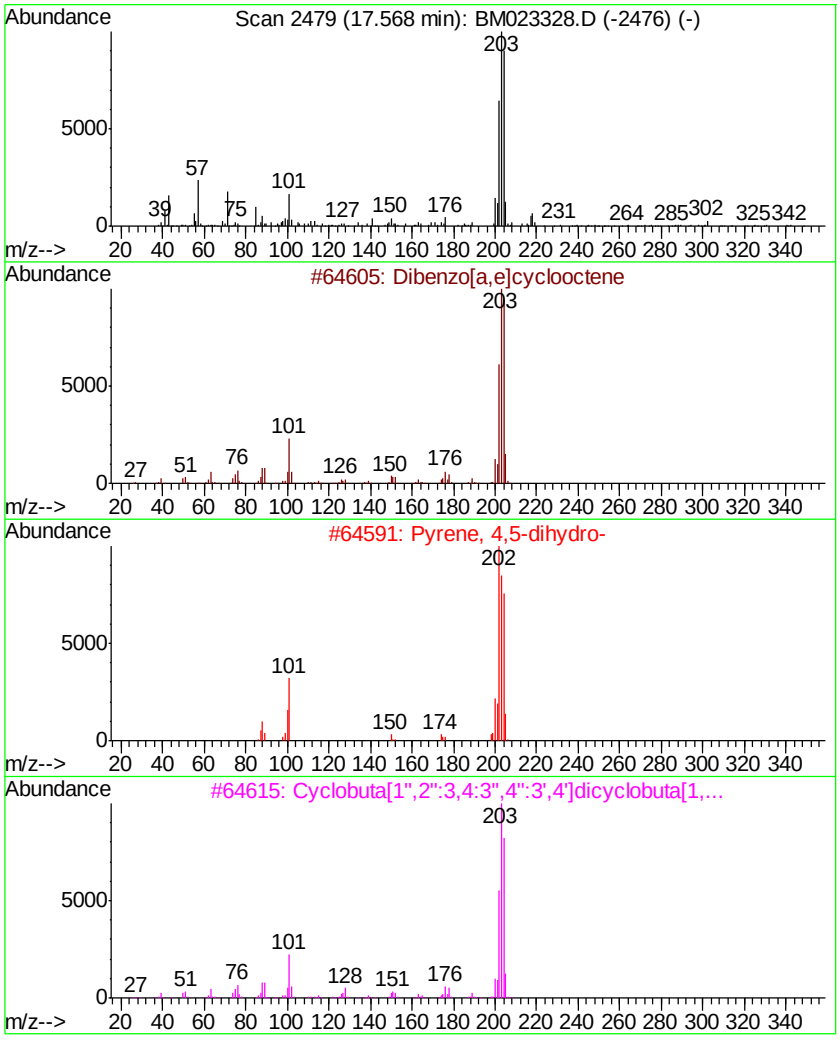
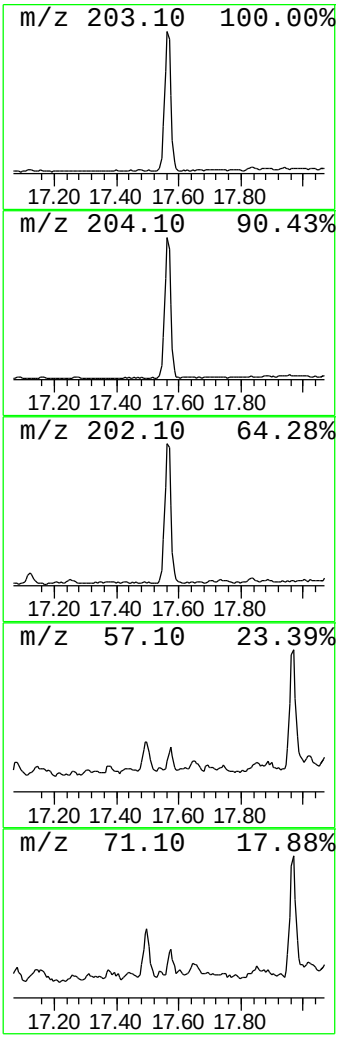
Peak Number 23 Dibenzo[a,e]cyclooctene Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	2.50 ng/ul	670342	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	70
2	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	70
3	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	70
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	62
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	62





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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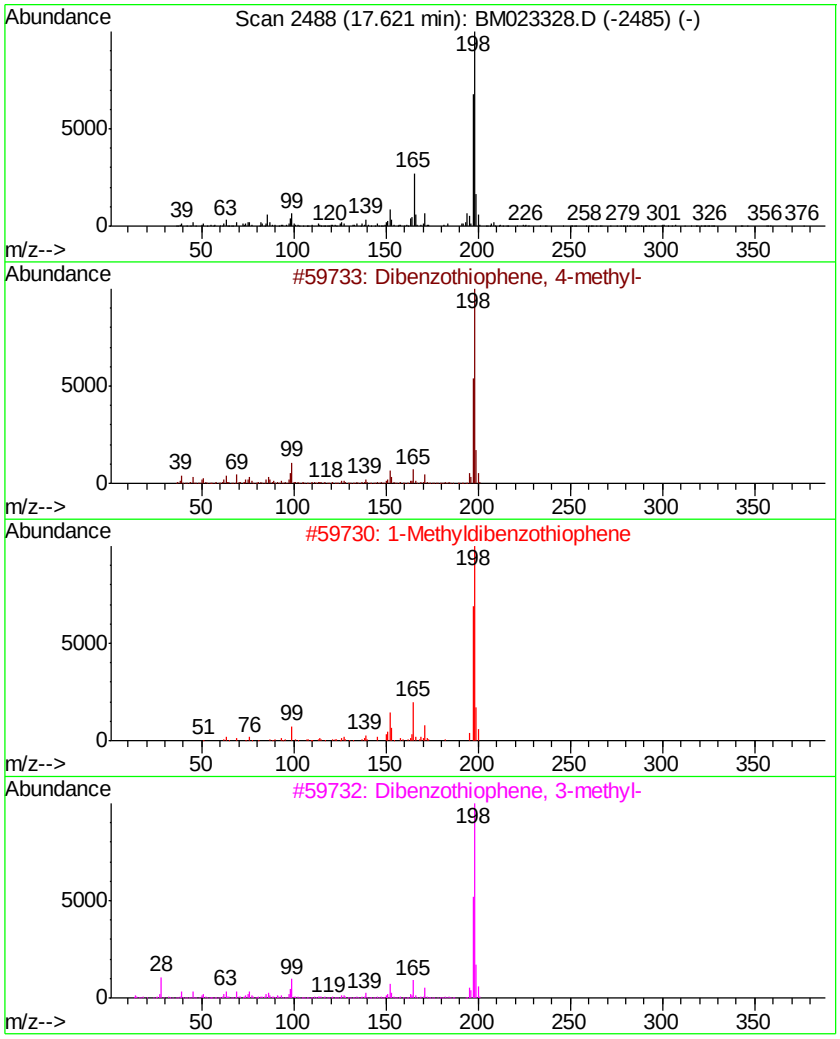
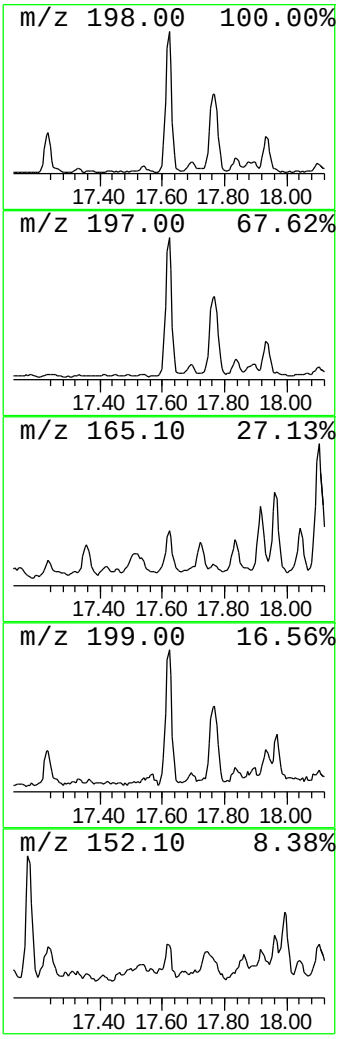
Peak Number 24 Dibenzothiophene, 4-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	3.71 ng/ul	996599	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	70
4	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	64
5	Benzene, 1-fluoro-3-(2-phenyleth...	198	C14H11F	003041-81-4	64





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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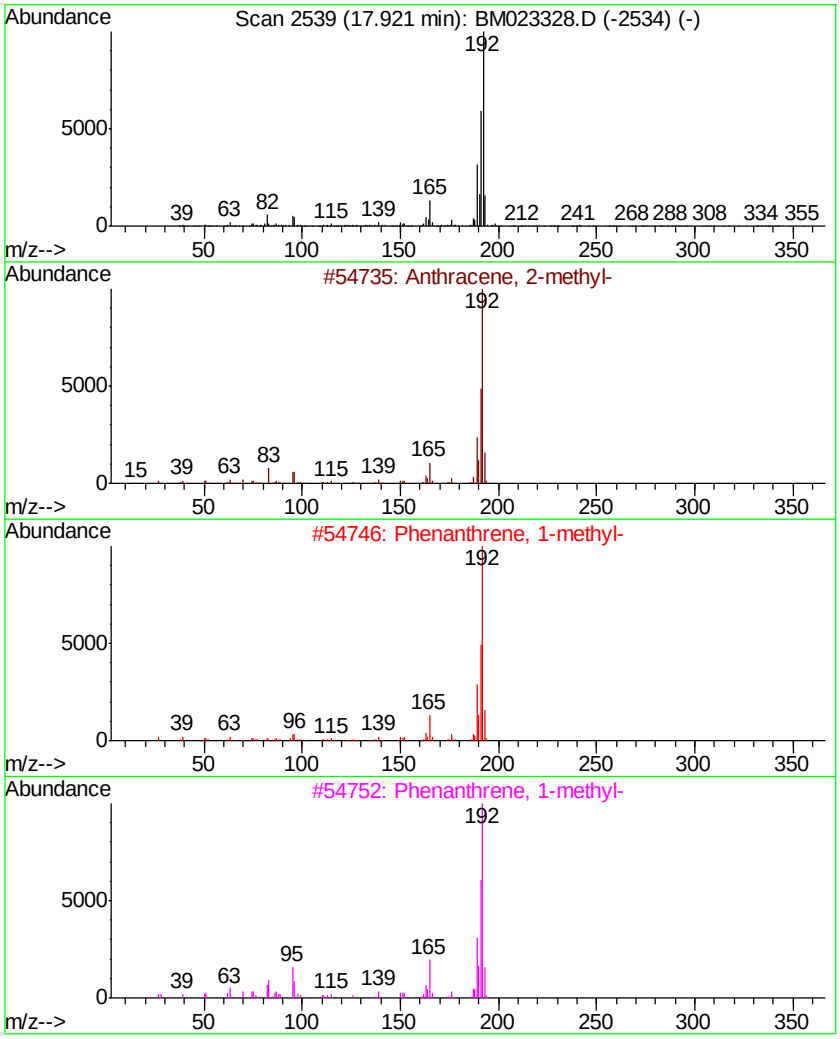
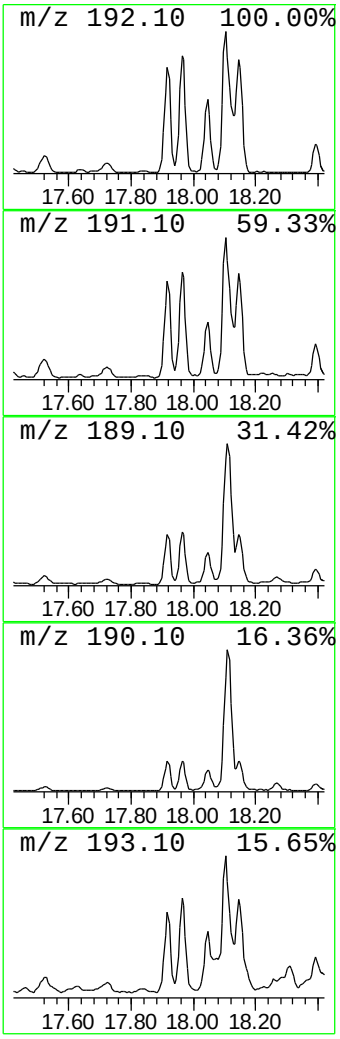
Peak Number 25 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	12.31 ng/ul	3304070	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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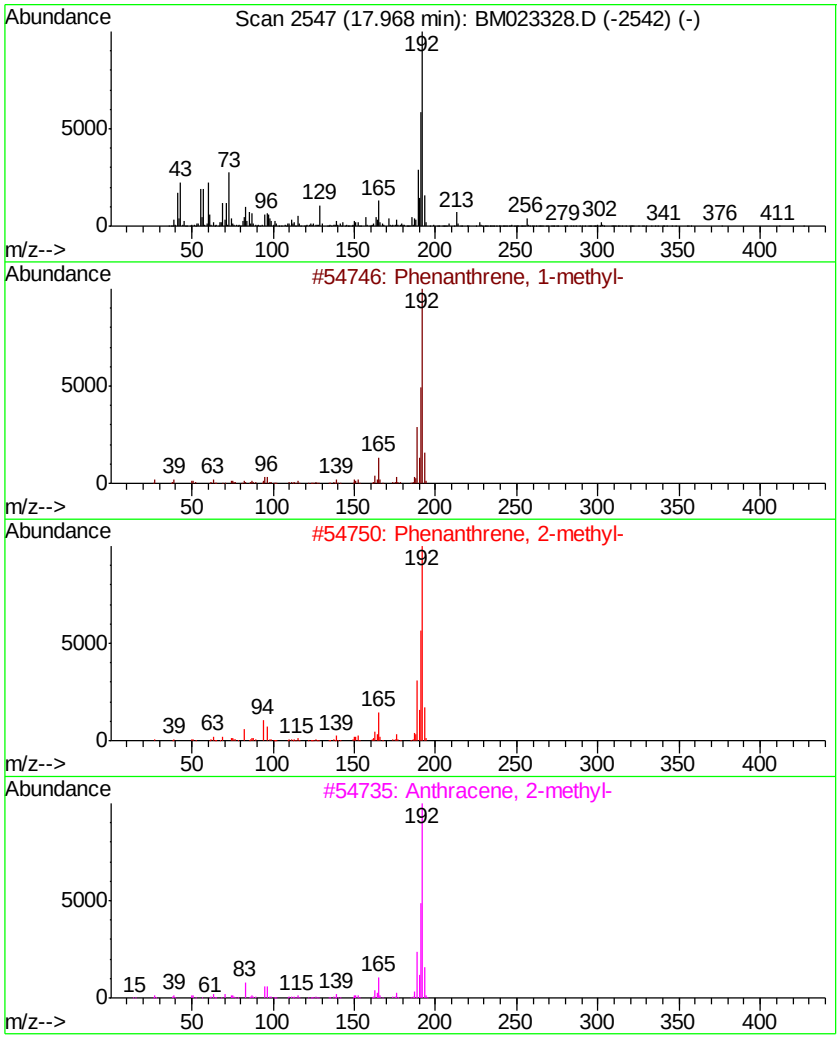
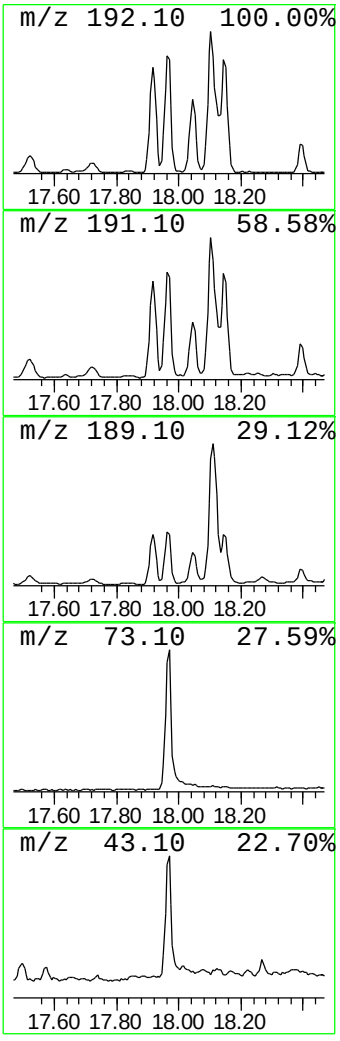
Peak Number 26 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	28.48 ng/ul	7641200	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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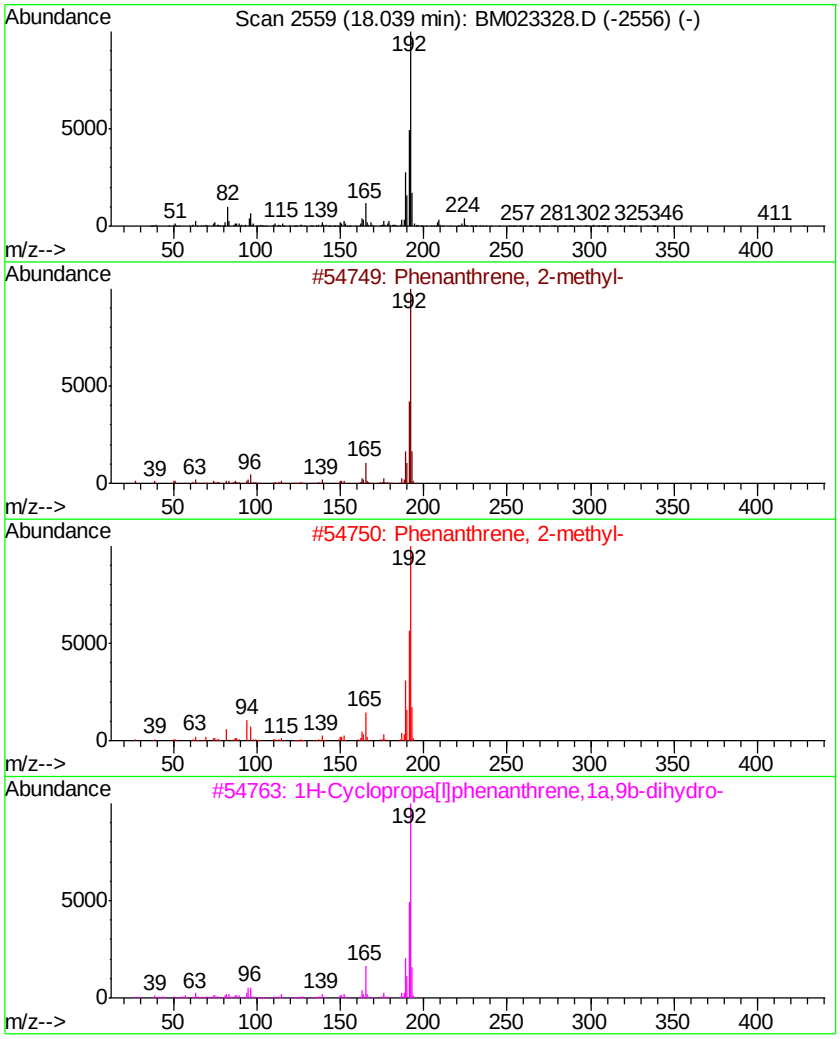
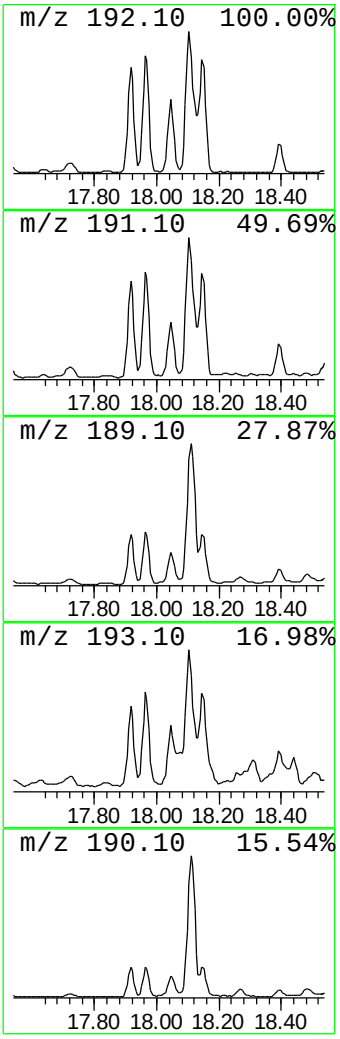
Peak Number 27 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	10.62 ng/ul	2849100	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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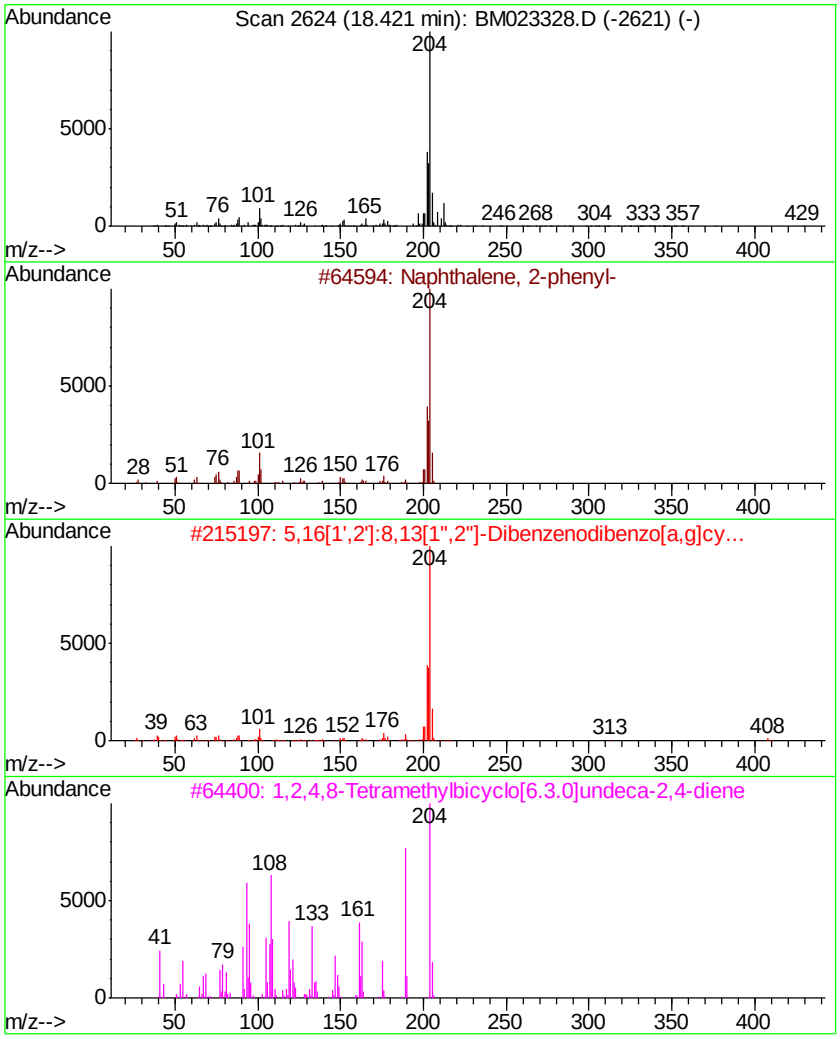
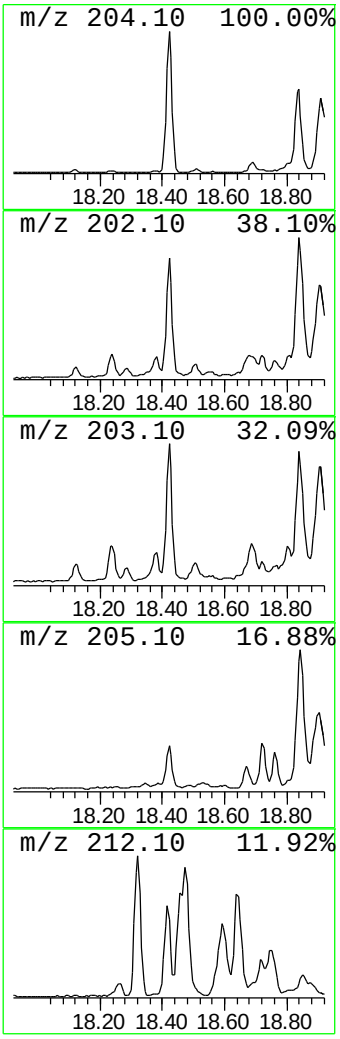
Peak Number 30 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.82 ng/ul	1562580	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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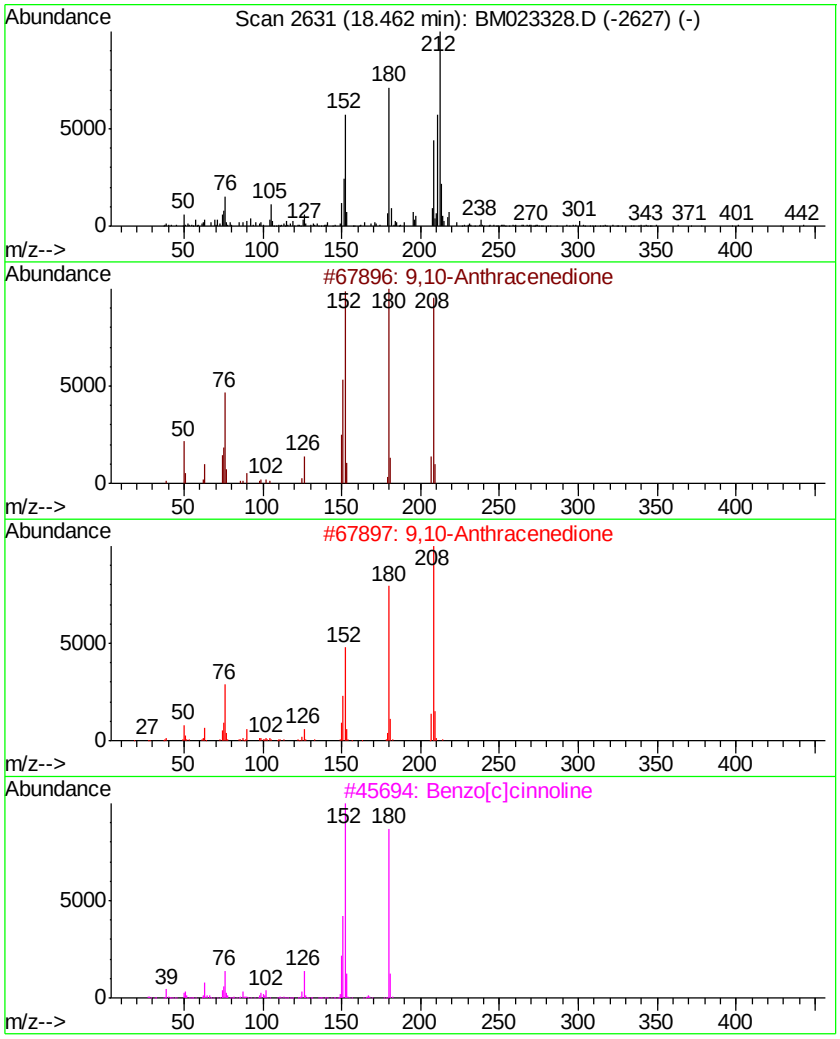
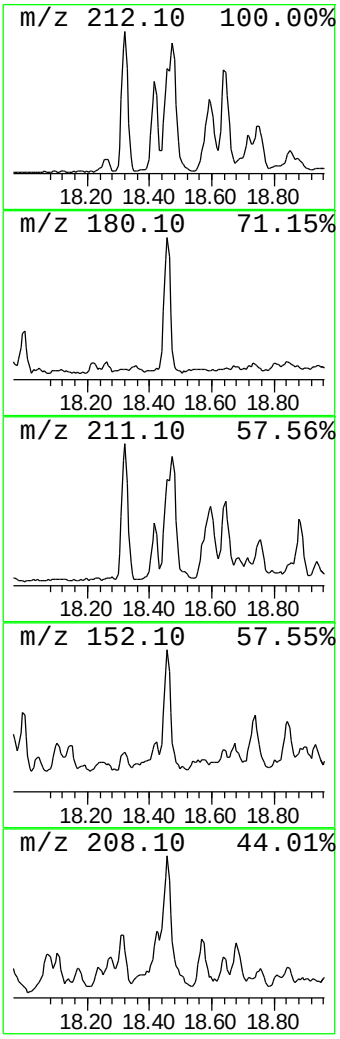
Peak Number 31 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	5.93 ng/ul	1592180	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	50
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	45
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	41





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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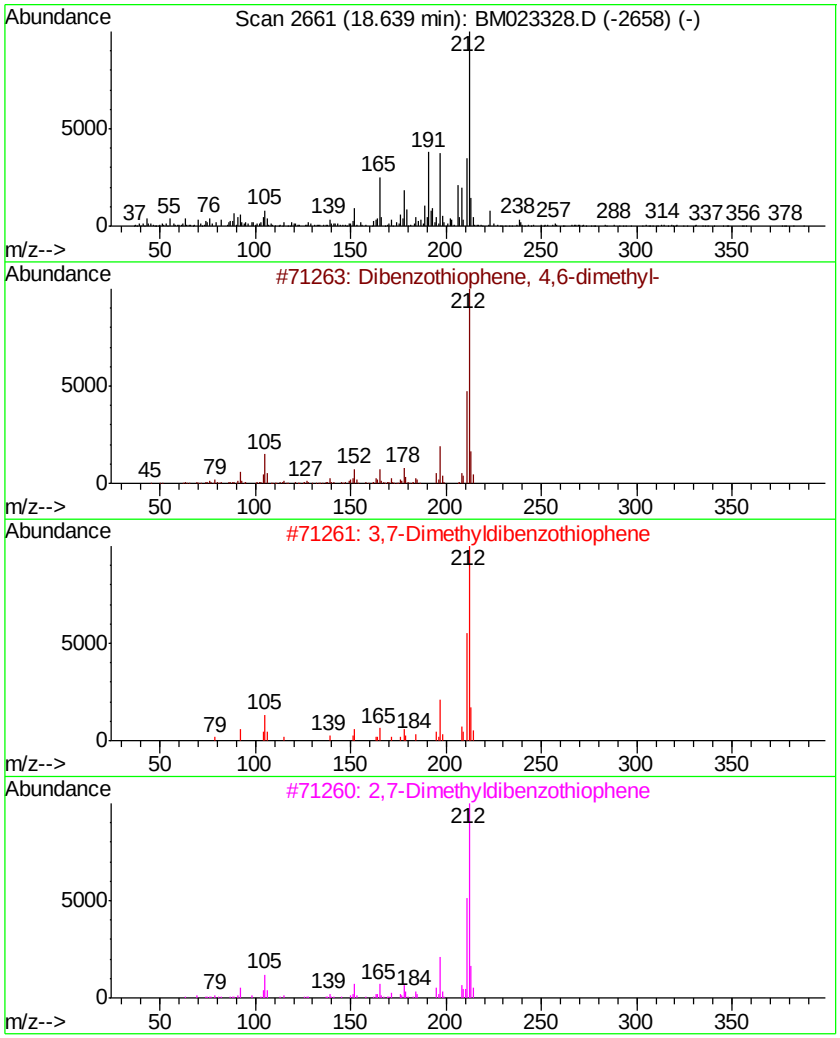
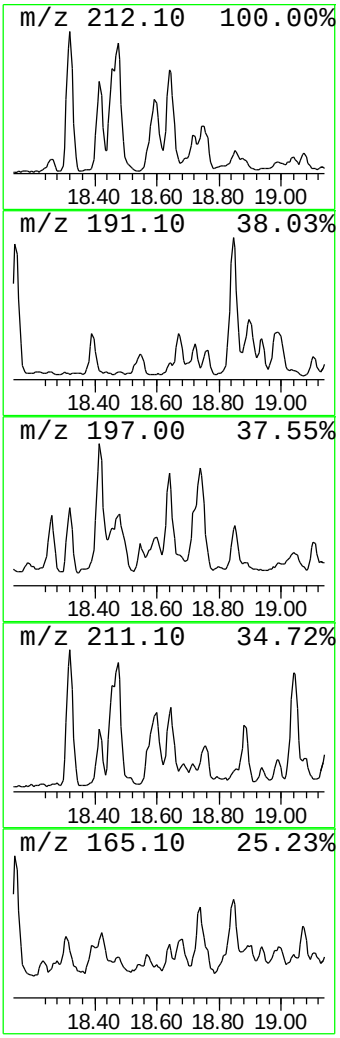
Peak Number 32 Dibenzothiophene, 4,6-dimet... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	3.11 ng/ul	834014	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	78
2	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	78
3	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	60
4	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	55
5	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	52





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Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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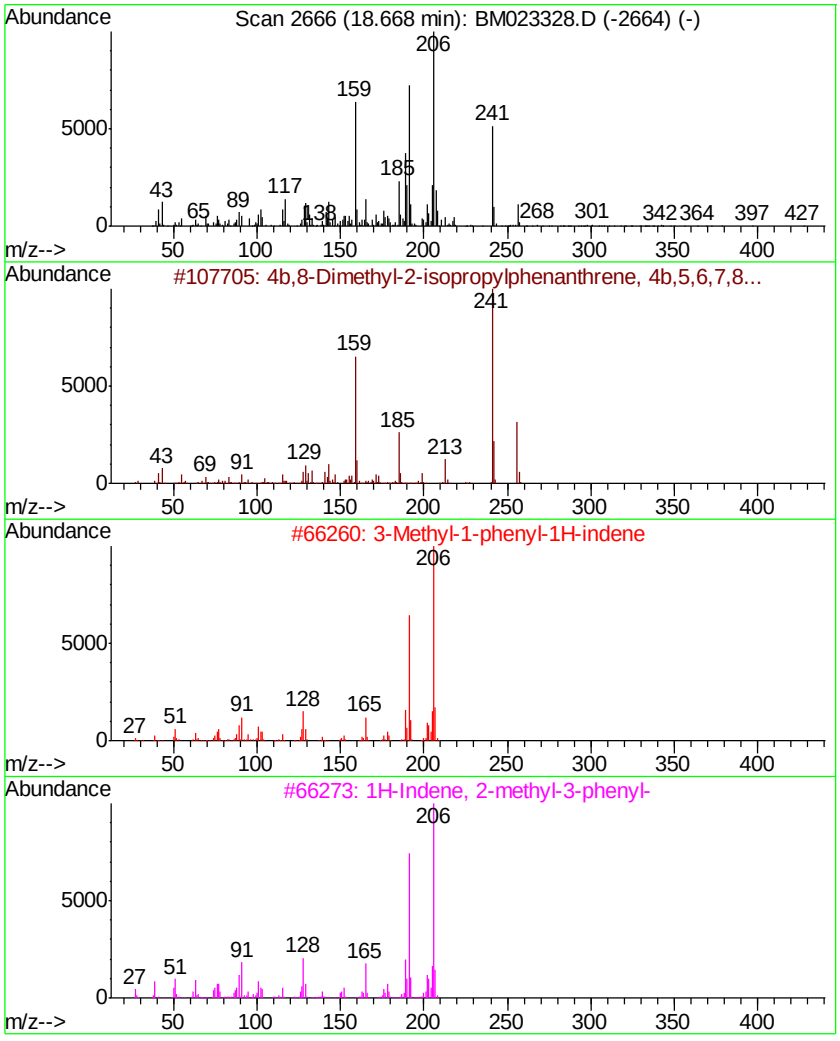
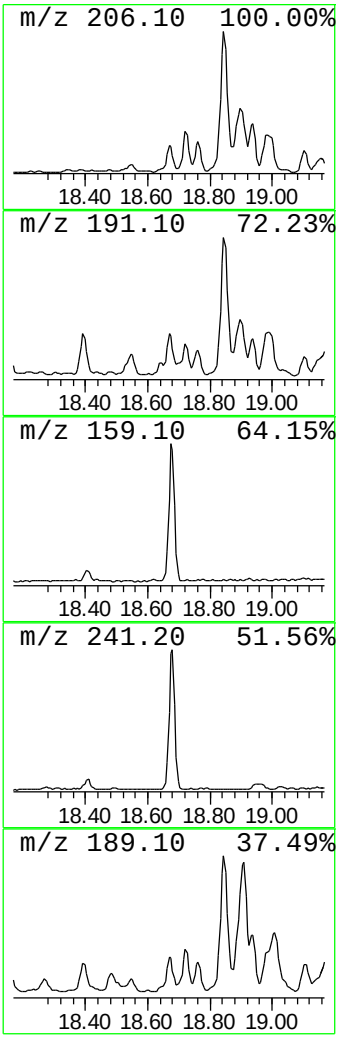
Peak Number 33 4b,8-Dimethyl-2-isopropylph... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	8.71 ng/ul	2336460	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	78
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	74
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	72
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60





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Data File : BM023328.D
Acq On : 22 Oct 2019 20:44
Operator : JU
Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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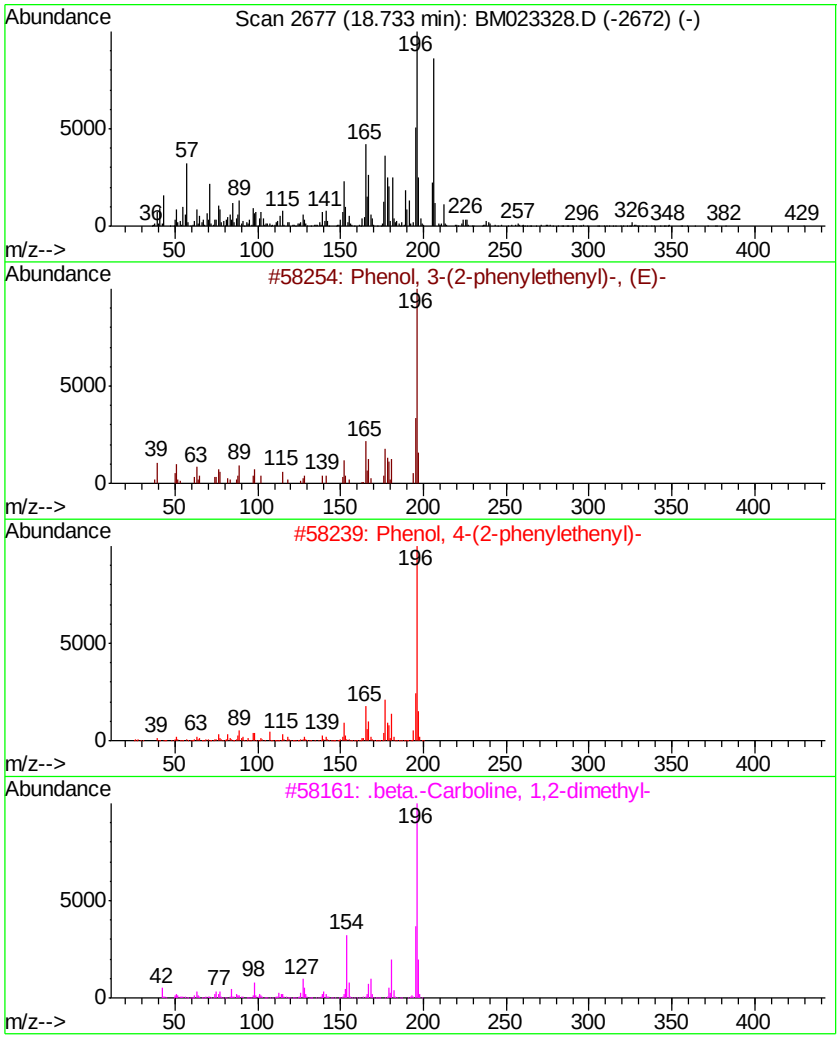
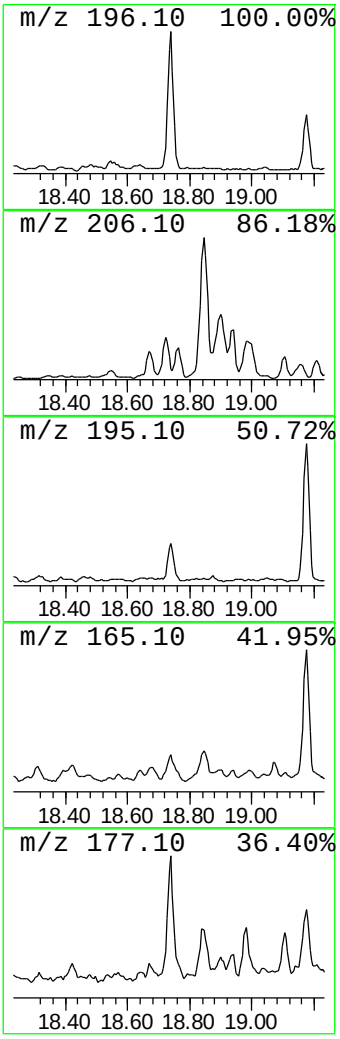
Peak Number 34 Phenol, 3-(2-phenylethenyl)... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	9.79 ng/ul	2627590	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	70
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	70
3	.beta.-Carboline, 1,2-dimethyl-	196	C13H12N2	109847-05-4	46
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	41
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	41





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Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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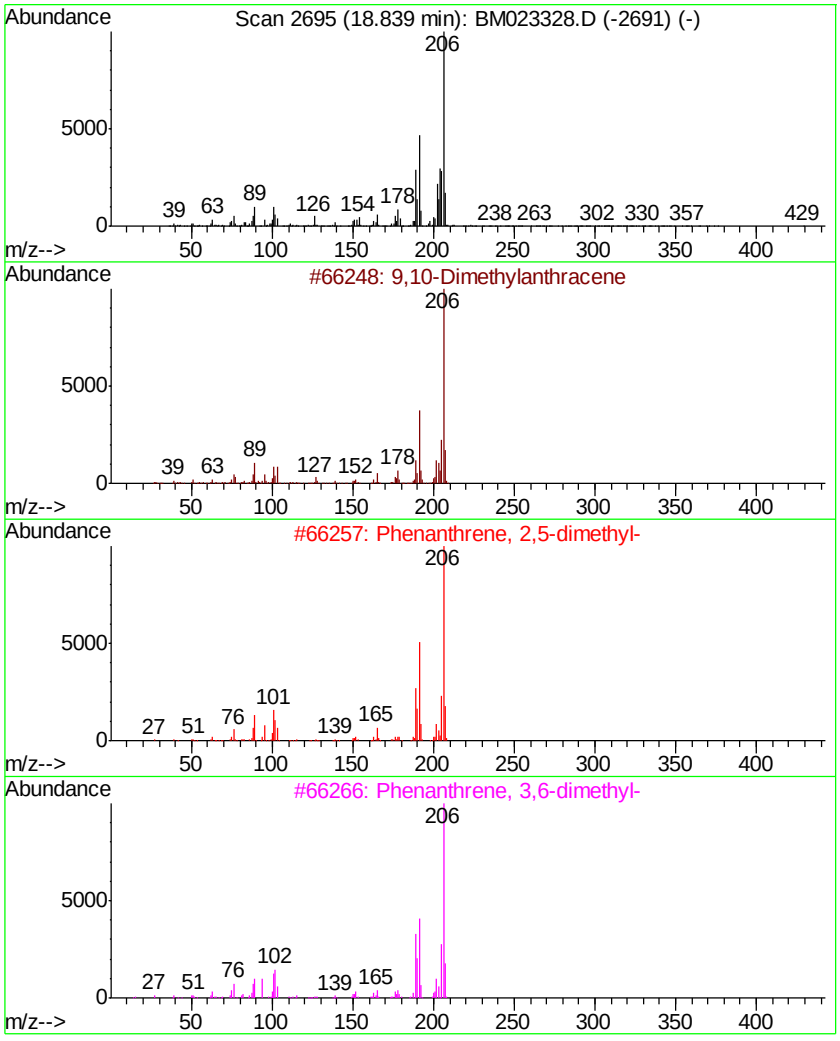
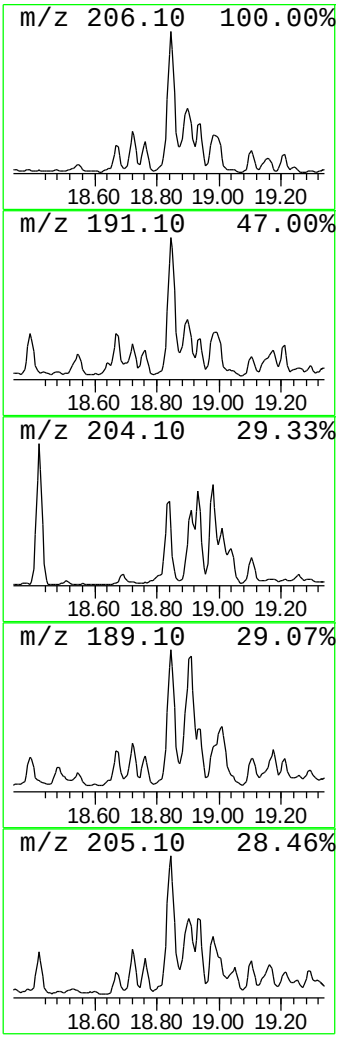
Peak Number 35 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	26.68 ng/ul	7159180	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	81





Library Search Compound Report

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Sample : K5354-11
Misc :
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Instrument : BNA_M
ClientSampleId : BFB86

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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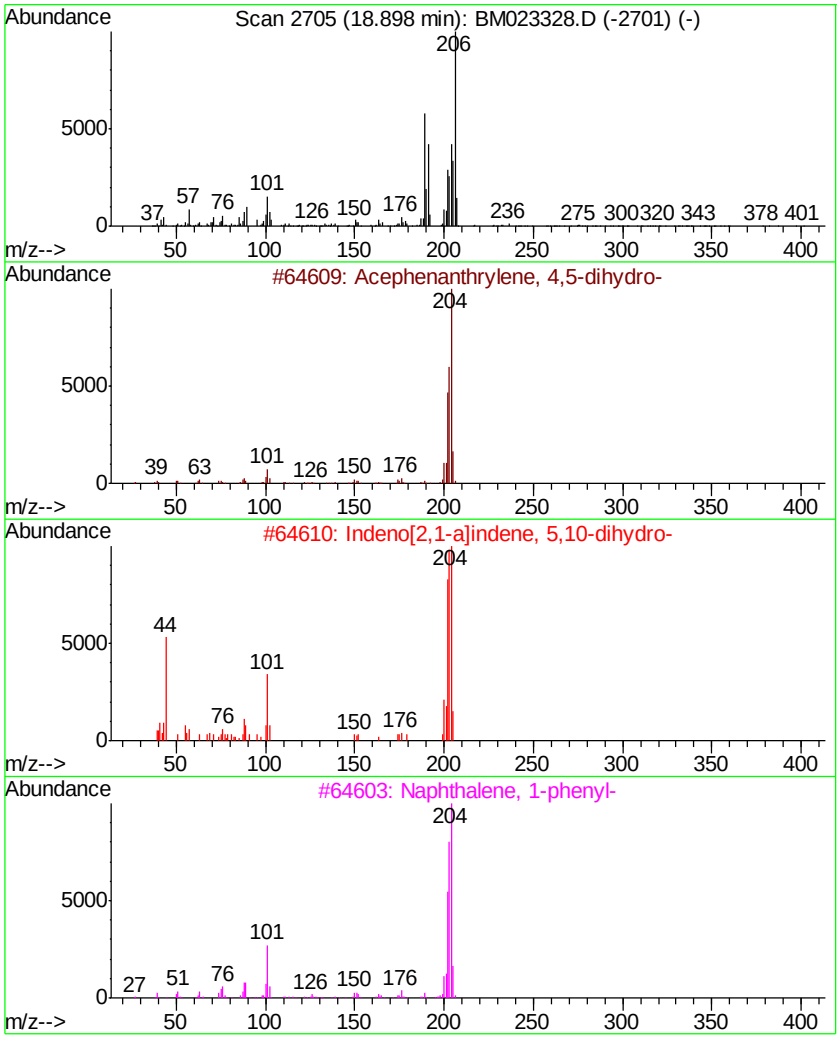
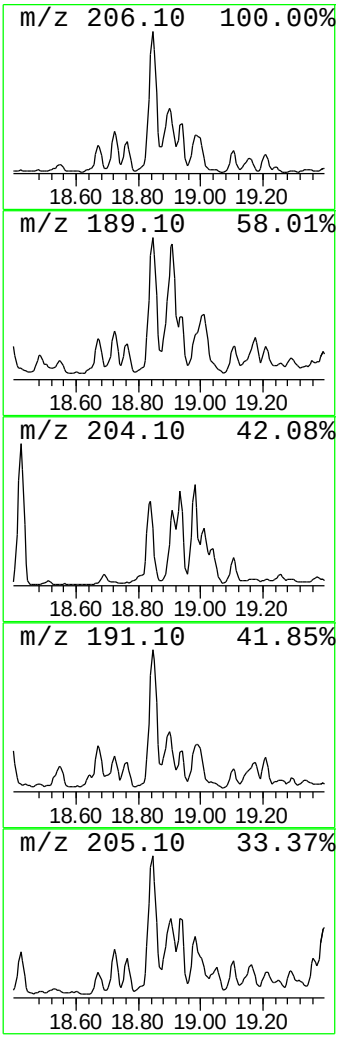
Peak Number 36 Acephenanthrylene, 4,5-dihy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	15.04 ng/ul	4035360	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	66
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	44
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	44
4	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	42
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	41





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Operator : JU
Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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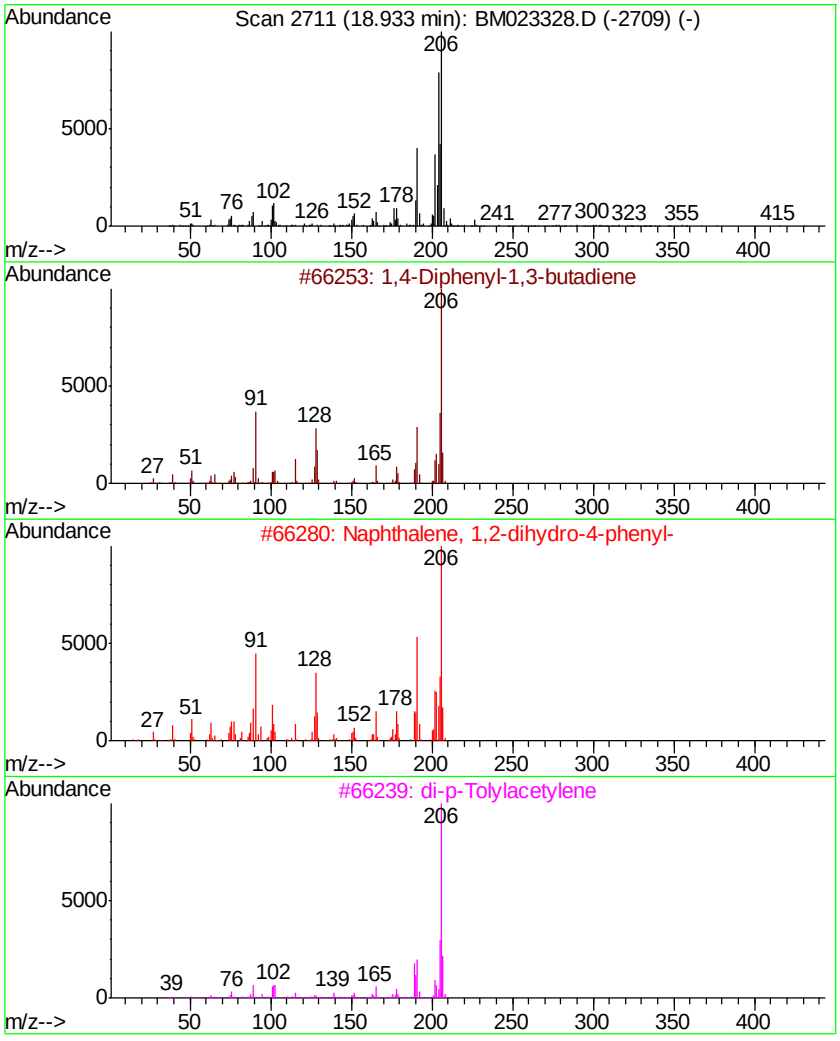
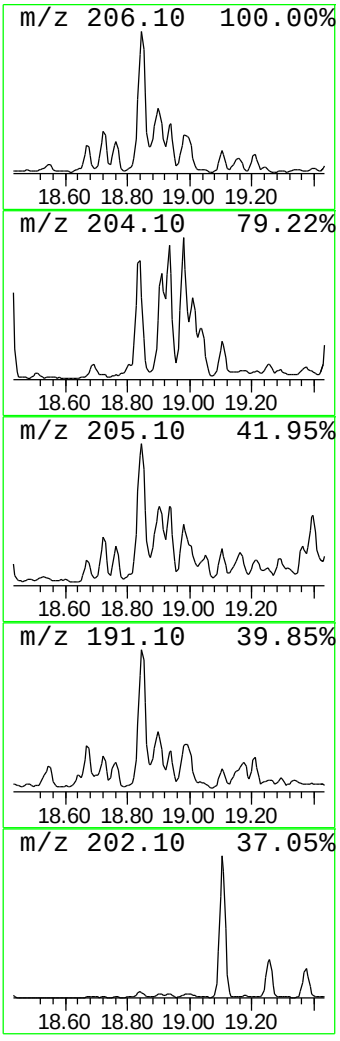
Peak Number 37 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	8.02 ng/ul	2152140	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	49
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	49
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	49
5	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	46





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Acq On : 22 Oct 2019 20:44
Operator : JU
Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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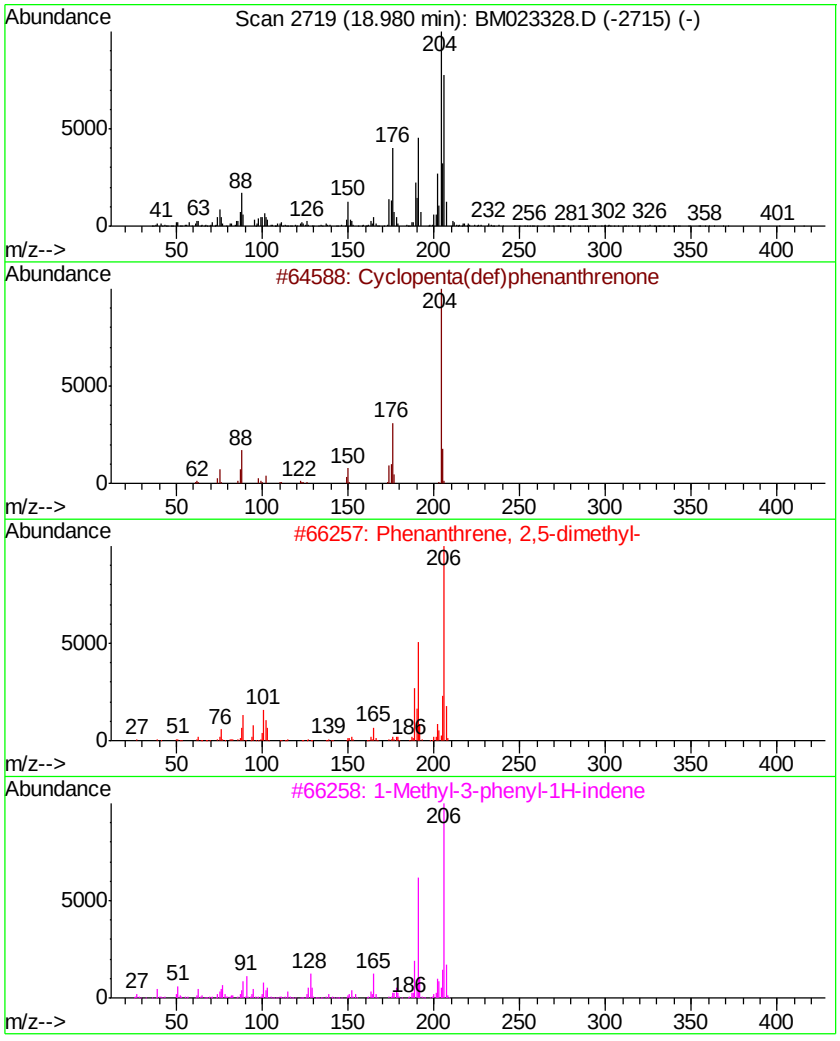
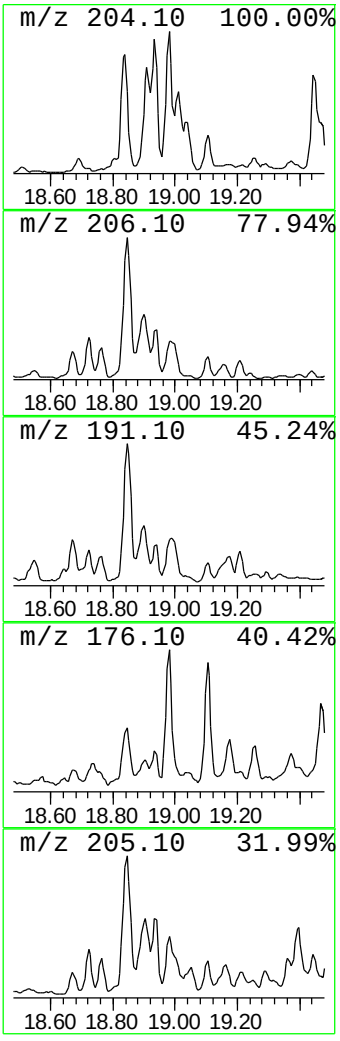
Peak Number 38 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	16.32 ng/ul	4379000	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	50
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	50





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Data File : BM023328.D
Acq On : 22 Oct 2019 20:44
Operator : JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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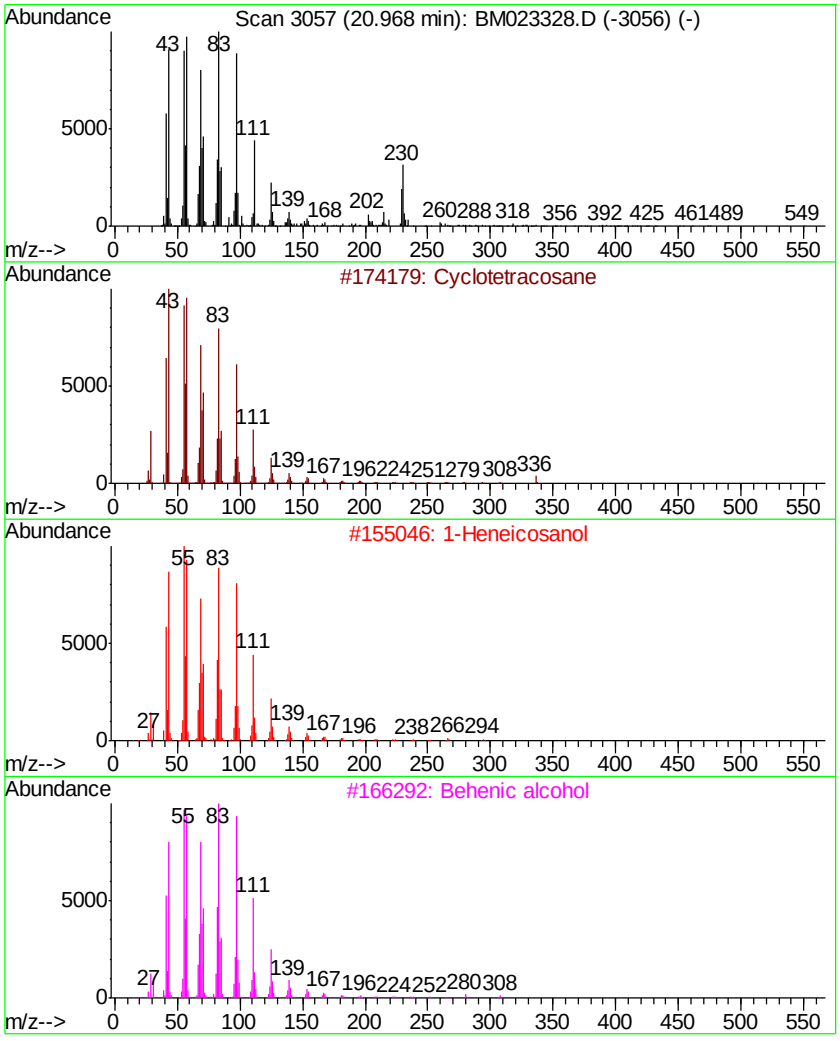
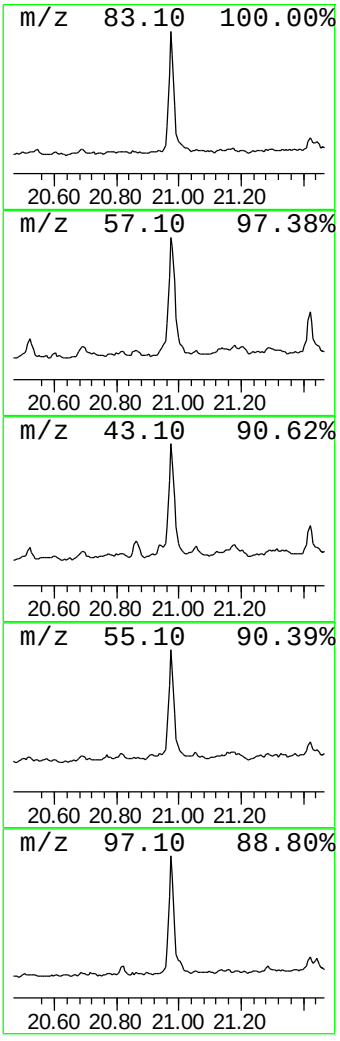
Peak Number 52 (DEL) Alkane: Cyclic20.97 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.79 ng/ul	4369510	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





Library Search Compound Report

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Acq On : 22 Oct 2019 20:44
Operator : JU
Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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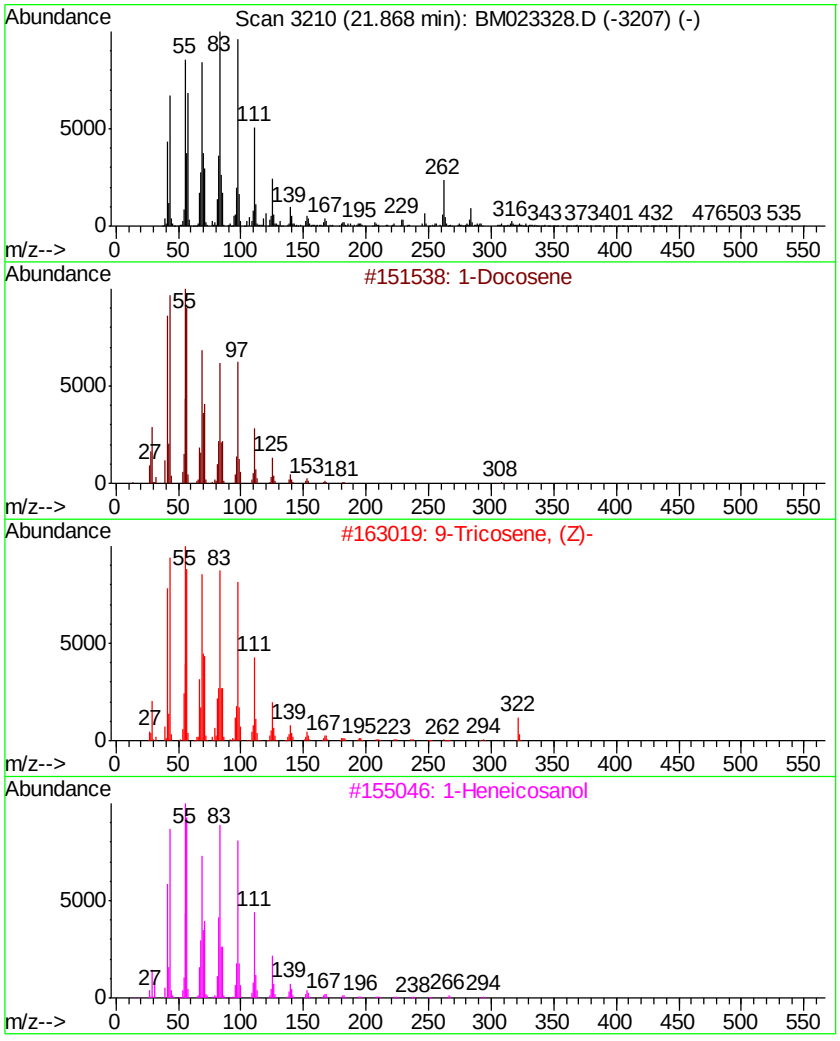
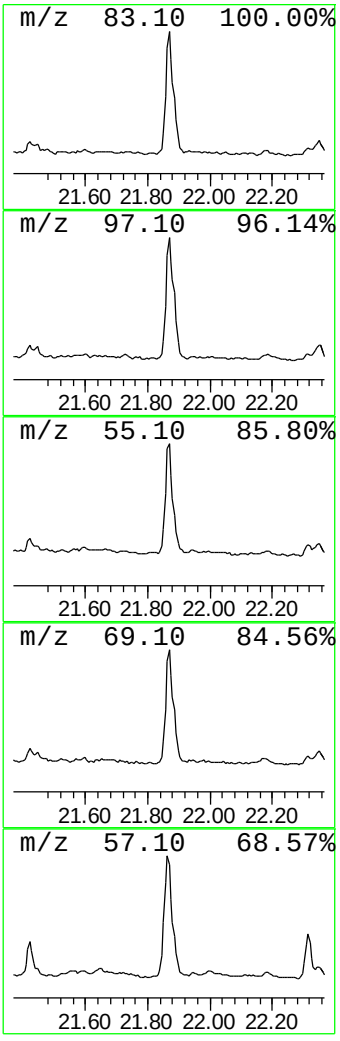
Peak Number 55 (DEL) Alkane: Cyclic21.87 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	5.53 ng/ul	8647660	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	70





Tentatively Identified Compound (LSC) summary

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Data File : BM023328.D
Acq On : 22 Oct 2019 20:44
Operator : JU
Sample : K5354-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB86

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3,5,7-Cycloocta...	5.66	4.4	ng/ul	541944	1	7.65	2466530	20.0
Benzene, 1-etheny...	7.31	6.5	ng/ul	799346	1	7.65	2466530	20.0
Naphthalene, 1-me...	11.66	2.6	ng/ul	474412	2	10.43	3580550	20.0
Benzocycloheptatr...	11.95	7.3	ng/ul	1309400	2	10.43	3580550	20.0
Naphthalene, 2-et...	13.53	3.3	ng/ul	820269	3	14.29	5017570	20.0
Naphthalene, 1,5-...	13.62	2.3	ng/ul	567468	3	14.29	5017570	20.0
Naphthalene, 1,4,...	14.77	2.5	ng/ul	624658	3	14.29	5017570	20.0
(DEL) Alkane: Str...	14.84	2.5	ng/ul	618893	3	14.29	5017570	20.0
1,1'-Biphenyl, 3-...	14.90	7.5	ng/ul	1893450	3	14.29	5017570	20.0
1,1'-Biphenyl, 4-...	15.00	2.0	ng/ul	506758	3	14.29	5017570	20.0
1H-Phenalene	15.17	5.8	ng/ul	1450400	3	14.29	5017570	20.0
1,4-Methanonaphth...	15.80	2.3	ng/ul	605772	4	17.04	5366320	20.0
unknown-01	16.02	5.6	ng/ul	1500240	4	17.04	5366320	20.0
(DEL) Alkane: Str...	16.07	3.6	ng/ul	973503	4	17.04	5366320	20.0
3H-Benz[e]indene,...	16.34	4.6	ng/ul	1232730	4	17.04	5366320	20.0
9H-Fluorene, 1-me...	16.40	2.1	ng/ul	559829	4	17.04	5366320	20.0
(DEL) Alkane: Str...	16.89	3.7	ng/ul	981702	4	17.04	5366320	20.0
unknown-02	17.23	7.5	ng/ul	2010830	4	17.04	5366320	20.0
unknown-03	17.50	2.6	ng/ul	686824	4	17.04	5366320	20.0
Dibenzo[a,e]cyclo...	17.57	2.5	ng/ul	670342	4	17.04	5366320	20.0
Dibenzothiophene,...	17.62	3.7	ng/ul	996599	4	17.04	5366320	20.0
Anthracene, 2-met...	17.92	12.3	ng/ul	3304070	4	17.04	5366320	20.0
Phenanthrene, 1-m...	17.97	28.5	ng/ul	7641200	4	17.04	5366320	20.0
Phenanthrene, 2-m...	18.04	10.6	ng/ul	2849100	4	17.04	5366320	20.0
Naphthalene, 2-ph...	18.42	5.8	ng/ul	1562580	4	17.04	5366320	20.0
9,10-Anthracenedione	18.46	5.9	ng/ul	1592180	4	17.04	5366320	20.0
Dibenzothiophene,...	18.64	3.1	ng/ul	834014	4	17.04	5366320	20.0
4b,8-Dimethyl-2-i...	18.67	8.7	ng/ul	2336460	4	17.04	5366320	20.0
Phenol, 3-(2-phen...	18.73	9.8	ng/ul	2627590	4	17.04	5366320	20.0
9,10-Dimethylanth...	18.84	26.7	ng/ul	7159180	4	17.04	5366320	20.0
Acephenanthrylene...	18.90	15.0	ng/ul	4035360	4	17.04	5366320	20.0
unknown-04	18.93	8.0	ng/ul	2152140	4	17.04	5366320	20.0
Cyclopenta(def)ph...	18.98	16.3	ng/ul	4379000	4	17.04	5366320	20.0
(DEL) Alkane: Cyc...	20.97	2.8	ng/ul	4369510	5	21.24	31277500	20.0
(DEL) Alkane: Cyc...	21.87	5.5	ng/ul	8647660	5	21.24	31277500	20.0