LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023200.D
Acq On : 16 Oct 2019 20:57
Operator : JU
Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

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	3.681	114	118	127	rVV	299080	376730	2.01%	0.140%
2	6.834	646	654	663	rVV2	922596	1768754	9.45%	0.658%
3	6.998	676	682	691	rBV	674983	1076797	5.75%	0.401%
4	7.193	708	715	722	rBV	916024	1465342	7.83%	0.545%
5	7.328	730	738	747	rBV3	186074	413985	2.21%	0.154%
6	7.663	788	795	804	rBV	1364498	2175551	11.63%	0.809%
7	8.363	908	914	921	rVV	1106156	1734081	9.27%	0.645%
8	8.804	977	989	998	rBV	817134	1453288	7.77%	0.541%
9	9.528	1106	1112	1120	rVV	642662	1047598	5.60%	0.390%
10	10.063	1198	1203	1213	rVB	1158319	1975518	10.56%	0.735%
11	10.445	1259	1268	1273	rBV	1828508	3215806	17.19%	1.196%
12	10.492	1273	1276	1284	rVB	564604	861148	4.60%	0.320%
13	10.575	1284	1290	1299	rBV	398323	810846	4.33%	0.302%
14	11.963	1521	1526	1535	rVV	167726	472492	2.53%	0.176%
15	12.116	1545	1552	1562	rVB	467962	801445	4.28%	0.298%
16	12.333	1583	1589	1598	rVB	340189	539452	2.88%	0.201%
17	13.339	1756	1760	1770	rVB	194479	443968	2.37%	0.165%
18	13.633	1804	1810	1815	rVV	364543	642685	3.43%	0.239%
19	13.722	1821	1825	1829	rVV	1831567	2690587	14.38%	1.001%
20	13.769	1829	1833	1839	rVB2	1085235	1686254	9.01%	0.627%
21	13.998	1865	1872	1875	rBV	2293367	3844874	20.55%	1.430%
22	14.027	1875	1877	1888	rVB	1598217	2012157	10.75%	0.749%
23	14.310	1918	1925	1930	rBV	2731548	4192262	22.40%	1.560%
24	14.369	1930	1935	1940	rBV	581961	847565	4.53%	0.315%
25	14.498	1951	1957	1970	rBV3	626387	1218221	6.51%	0.453%
26	14.716	1986	1994	2003	rBV4	336660	905512	4.84%	0.337%
27	14.792	2003	2007	2012	rVB	268043	399960	2.14%	0.149%
28	14.916	2023	2028	2037	rBV2	354509	871572	4.66%	0.324%
29	15.180	2069	2073	2080	rVB	389371	609839	3.26%	0.227%
30	15.304	2088	2094	2099	rVB	3070961	4271854	22.83%	1.589%
31	15.357	2099	2103	2110	rBV2	457724	885354	4.73%	0.329%
32	15.416	2110	2113	2117	rVB3	432422	551662	2.95%	0.205%
33	15.815	2176	2181	2187	rVB4	265993	588938	3.15%	0.219%
34	16.033	2213	2218	2225	rBV6	289724	685298	3.66%	0.255%

LSC Area Percent Report

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Acq On : 16 Oct 2019 20:57
Operator : JU
Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

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	16.363	2268	2274	2279	rBV6	270515	663337	3.55%	0.247%
36	16.415	2279	2283	2290	rVV3	262413	510367	2.73%	0.190%
37	16.633	2317	2320	2324	rVB2	400866	513711	2.75%	0.191%
38	16.704	2329	2332	2341	rVV3	344020	689493	3.68%	0.257%
39	16.792	2344	2347	2354	rVV2	231613	513863	2.75%	0.191%
40	16.868	2356	2360	2364	rVV	341580	613397	3.28%	0.228%
41	16.910	2364	2367	2373	rVB	264767	389835	2.08%	0.145%
42	17.051	2386	2391	2395	rBV2	3013413	4631799	24.75%	1.723%
43	17.098	2395	2399	2403	rVV	5016045	7106167	37.98%	2.644%
44	17.151	2403	2408	2411	rVV2	3180719	4495054	24.02%	1.672%
45	17.186	2411	2414	2419	rVB	1862935	2437048	13.02%	0.907%
46	17.251	2420	2425	2431	rBV4	379021	694164	3.71%	0.258%
47	17.633	2487	2490	2494	rVB	455983	574346	3.07%	0.214%
48	17.933	2536	2541	2545	rVV	1518286	2277265	12.17%	0.847%
49	17.980	2545	2549	2557	rVV	2923760	4126496	22.05%	1.535%
50	18.057	2557	2562	2567	rVV2	1049608	1733627	9.27%	0.645%
51	18.121	2567	2573	2577	rVV2	2439488	4659194	24.90%	1.733%
52	18.162	2577	2580	2589	rVB	1444255	2044313	10.93%	0.761%
53	18.439	2623	2627	2629	rVV2	996586	1408851	7.53%	0.524%
54	18.468	2629	2632	2640	rVB2	659411	995803	5.32%	0.370%
55	18.692	2666	2670	2674	rVV4	629294	1043305	5.58%	0.388%
56	18.733	2674	2677	2680	rVV	549657	764593	4.09%	0.284%
57	18.774	2681	2684	2688	rVB	544366	729147	3.90%	0.271%
58	18.856	2693	2698	2703	rVV2	1925399	3094810	16.54%	1.151%
59	18.915	2703	2708	2711	rVV3	998701	1853331	9.90%	0.690%
60	18.951	2711	2714	2717	rVB	711014	871657	4.66%	0.324%
61	18.992	2717	2721	2728	rBV3	882412	1731916	9.26%	0.644%
62	19.115	2737	2742	2747	rVB	9557184	12681271	67.77%	4.718%
63	19.192	2750	2755	2758	rBV	2261159	2928083	15.65%	1.089%
64	19.268	2764	2768	2772	rBV	1866125	2367621	12.65%	0.881%
65	19.386	2785	2788	2794	rVB	1003007	1505436	8.05%	0.560%
66	19.451	2794	2799	2801	rBV	4868236	7013025	37.48%	2.609%
67	19.480	2801	2804	2813	rVB	9963438	13526715	72.29%	5.032%
68	19.656	2831	2834	2838	rBV2	746752	982624	5.25%	0.366%
69	19.809	2856	2860	2866	rBV3	1347891	2727058	14.57%	1.015%
70	19.903	2873	2876	2879	rBV5	429941	666872	3.56%	0.248%
71	19.945	2879	2883	2885	rVV3	1299032	2101129	11.23%	0.782%

LSC Area Percent Report

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Acq On : 16 Oct 2019 20:57
Operator : JU
Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

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	19.980	2886	2889	2894	rVB	2430382	3151190	16.84%	1.172%
73	20.080	2902	2906	2910	rVB2	1514922	1771499	9.47%	0.659%
74	20.139	2912	2916	2920	rVB2	1685132	2273242	12.15%	0.846%
75	20.233	2928	2932	2936	rBV3	1264002	1893762	10.12%	0.705%
76	20.274	2936	2939	2943	rVV	1553420	1987043	10.62%	0.739%
77	20.321	2943	2947	2952	rVB	1351587	1857153	9.93%	0.691%
78	20.398	2958	2960	2964	rVB	658297	738316	3.95%	0.275%
79	20.727	3013	3016	3023	rVB	1129904	2047744	10.94%	0.762%
80	20.933	3048	3051	3054	rVB	1021465	1039877	5.56%	0.387%
81	20.968	3054	3057	3058	rBV	927985	957655	5.12%	0.356%
82	20.992	3058	3061	3064	rVV4	1234972	1439209	7.69%	0.535%
83	21.233	3098	3102	3108	rBV2	9974505	18711514	100.00%	6.961%
84	21.286	3108	3111	3121	rVB	6931752	9235452	49.36%	3.436%
85	21.403	3128	3131	3132	rBV	616696	736728	3.94%	0.274%
86	21.445	3135	3138	3141	rVB	1598141	1985613	10.61%	0.739%
87	21.533	3149	3153	3162	rVB3	2611972	3724622	19.91%	1.386%
88	21.745	3186	3189	3192	rBV2	954849	1648913	8.81%	0.613%
89	21.797	3195	3198	3203	rVV	2495801	3252981	17.38%	1.210%
90	21.845	3203	3206	3209	rVV	1272004	1480251	7.91%	0.551%
91	21.986	3228	3230	3233	rBV	921458	976350	5.22%	0.363%
92	22.803	3363	3369	3374	rBV	6089962	13746841	73.47%	5.114%
93	22.968	3393	3397	3404	rVB	1885929	3003265	16.05%	1.117%
94	23.274	3444	3449	3453	rBV	3672915	6364916	34.02%	2.368%
95	23.321	3453	3457	3460	rVV	2572177	4425165	23.65%	1.646%
96	23.368	3460	3465	3470	rVB	6311951	10743741	57.42%	3.997%
97	23.462	3477	3481	3485	rVB	2423222	3752837	20.06%	1.396%
98	24.074	3580	3585	3591	rBV	1663569	3072283	16.42%	1.143%
99	25.685	3852	3859	3867	rBV2	3321999	9471190	50.62%	3.524%
100	26.368	3967	3975	3985	rVB	2741653	8099021	43.28%	3.013%

Sum of corrected areas: 268792491

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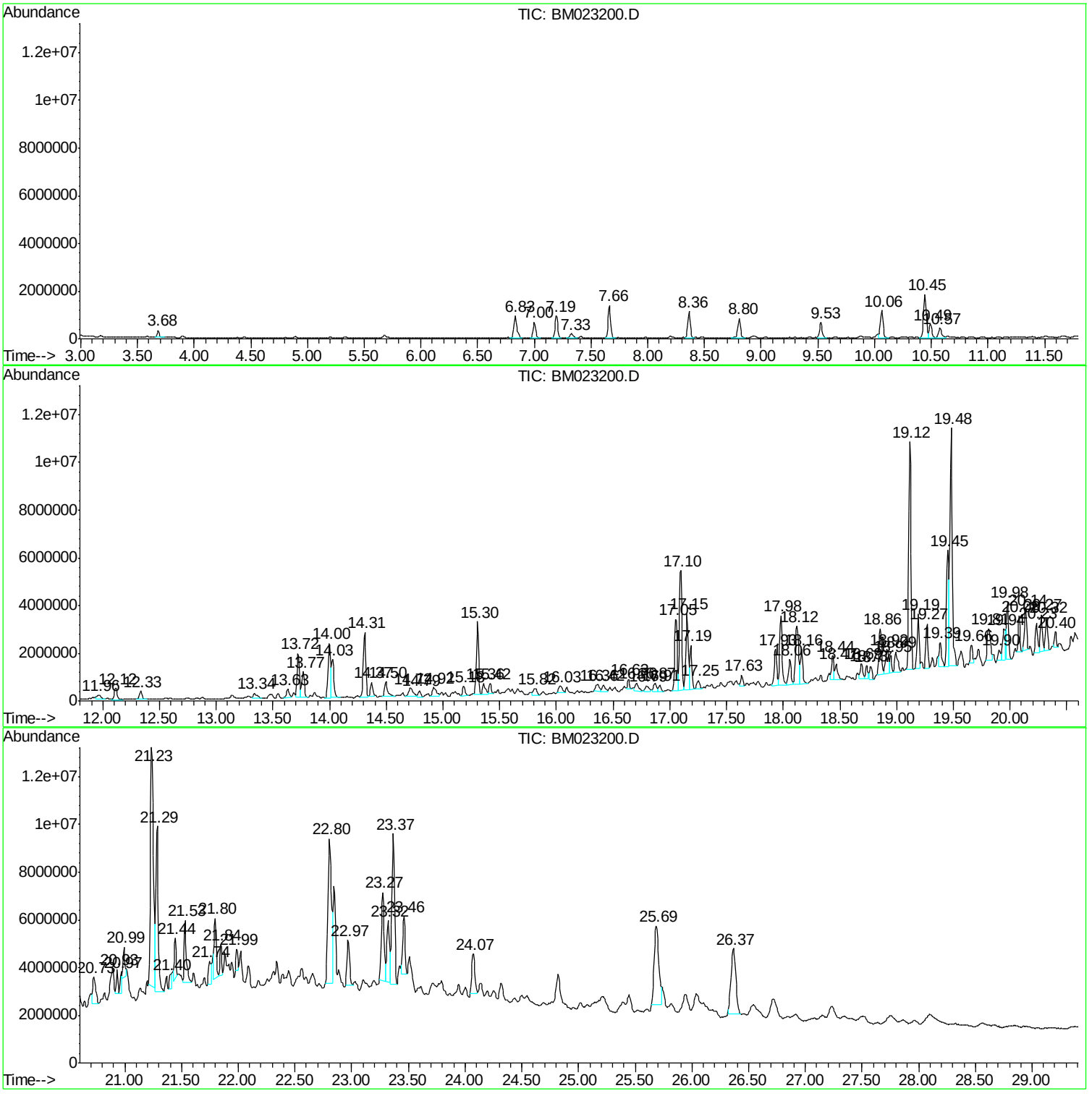
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB68

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



Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

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

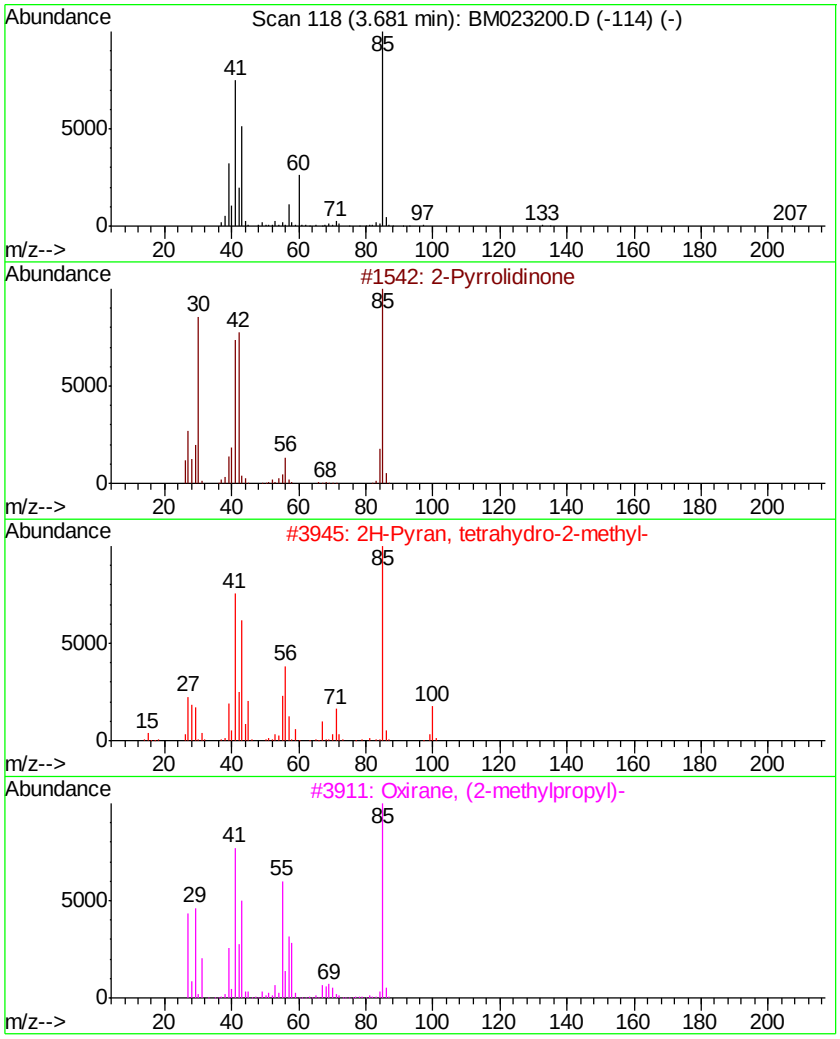
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

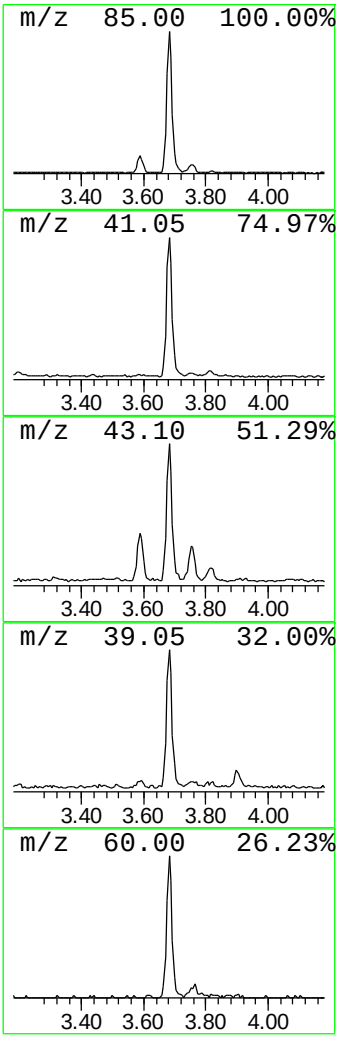
****

Peak Number 1 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	3.46 ng/ul	376730	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	38
4	2(3H)-Furanone, 5-acetyldihydro-	128	C6H8O3	029393-32-6	28
5	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023200.D
Acq On : 16 Oct 2019 20:57
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Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

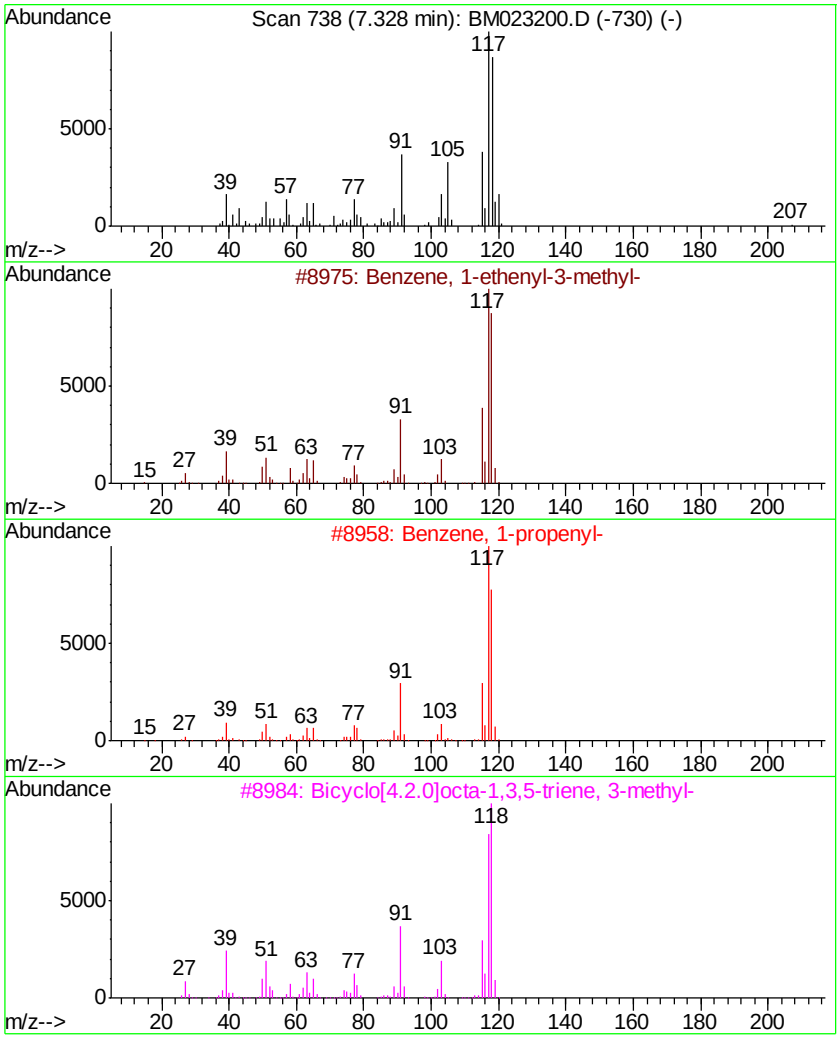
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

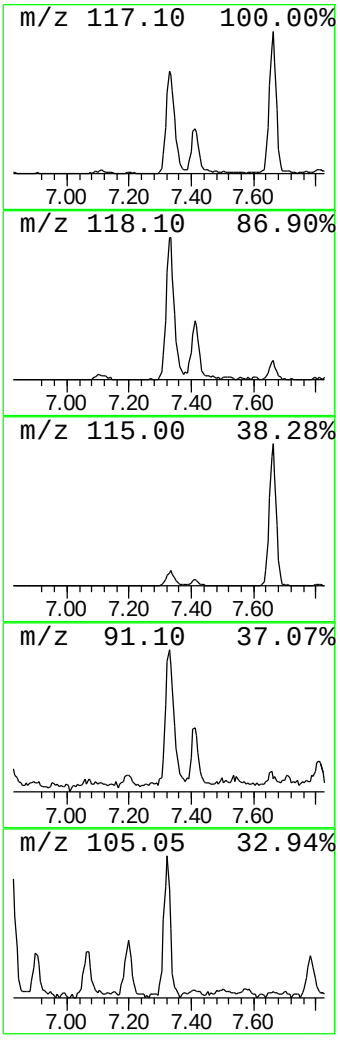
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	3.81 ng/ul	413985	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	90
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	86





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

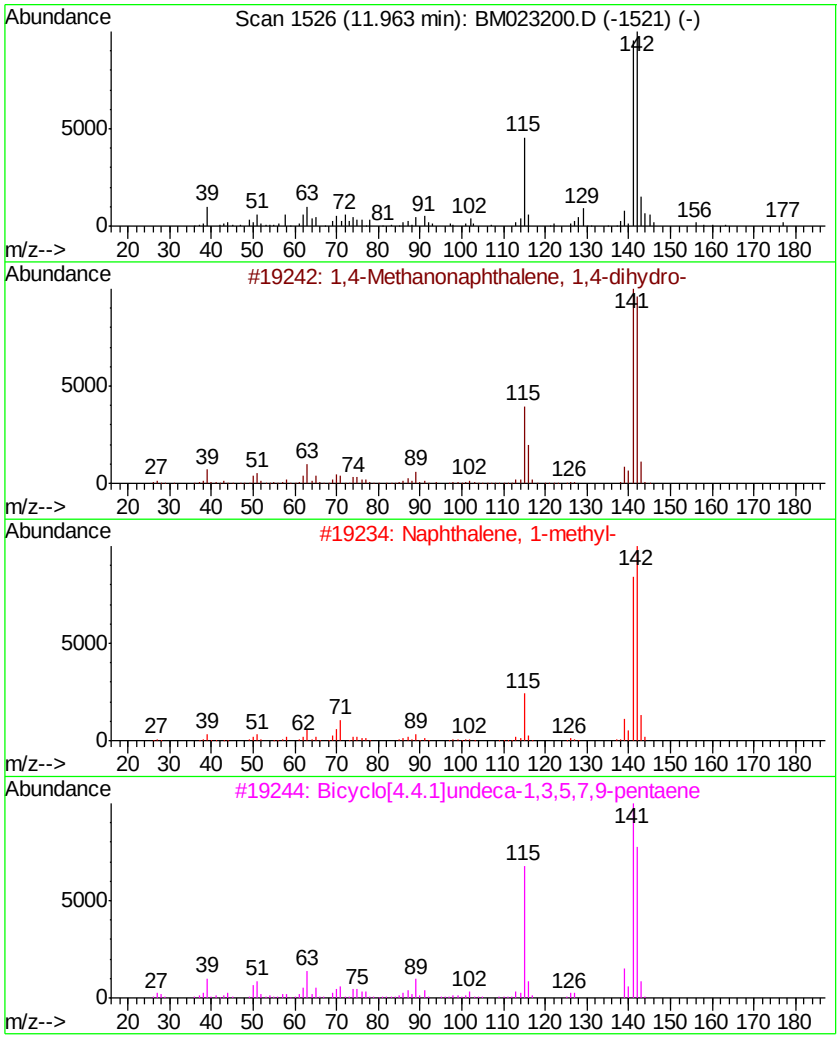
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

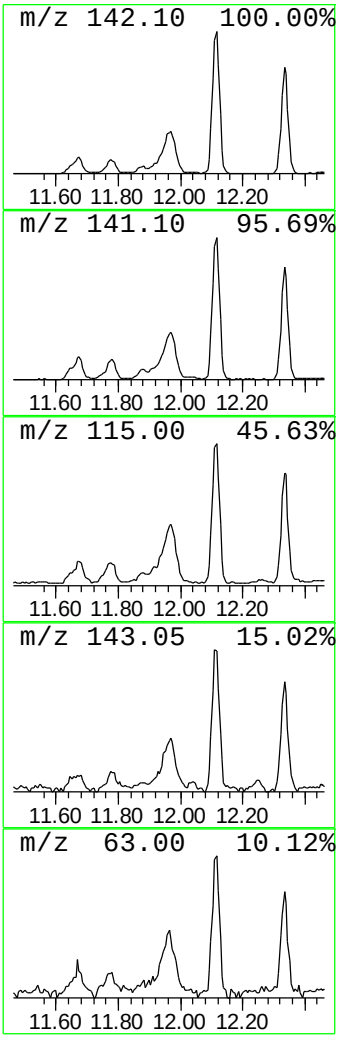
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,4-Methanonaphthalene, 1,4... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.94 ng/ul	472492	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
4	Benzocycloheptatriene	142	C11H10	000264-09-5	87
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87





Library Search Compound Report

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Data File : BM023200.D
Acq On : 16 Oct 2019 20:57
Operator : JU
Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

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

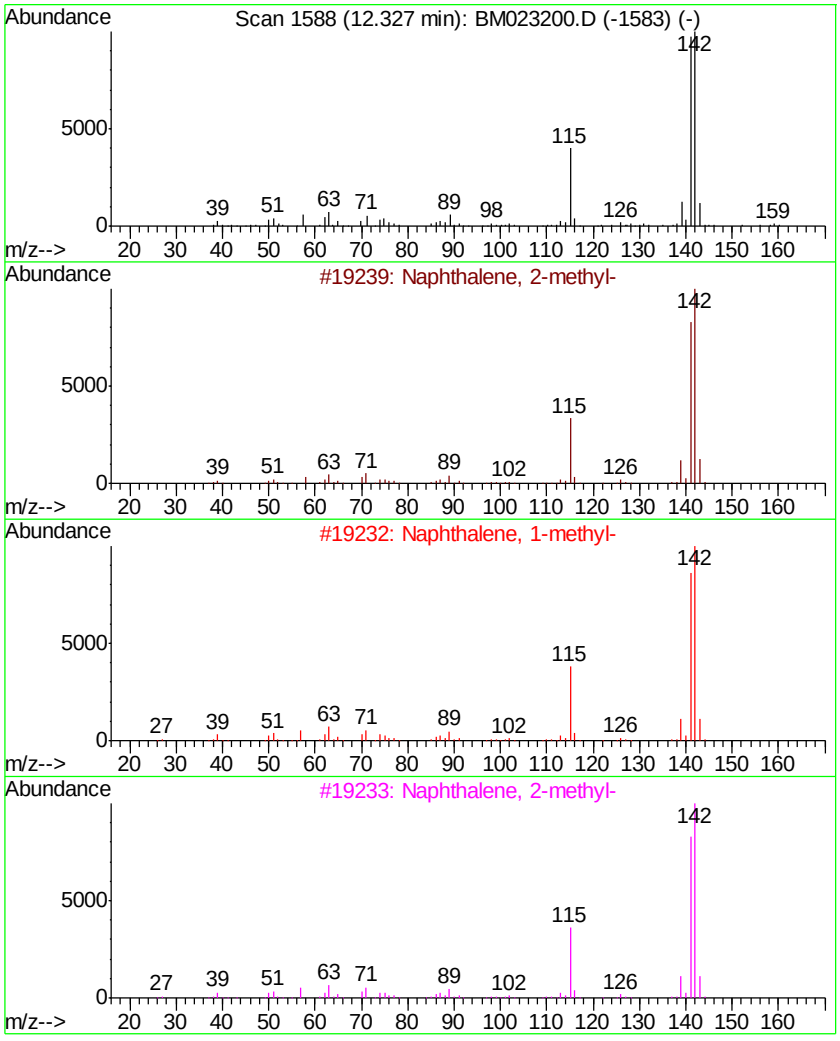
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

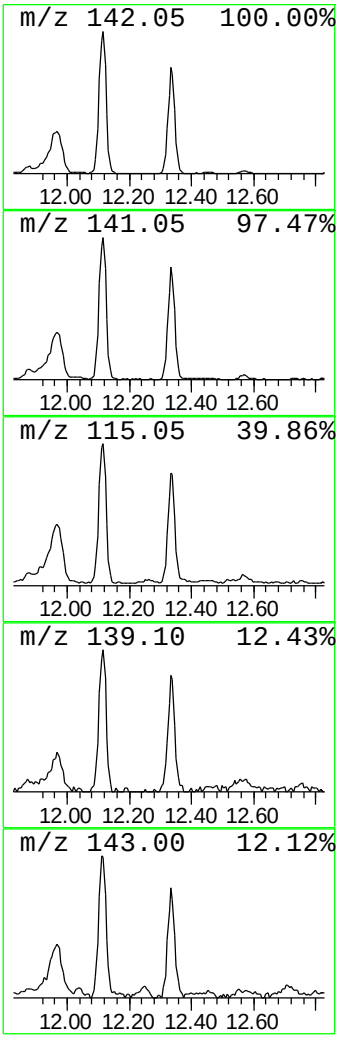
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.36 ng/ul	539452	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023200.D
Acq On : 16 Oct 2019 20:57
Operator : JU
Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

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

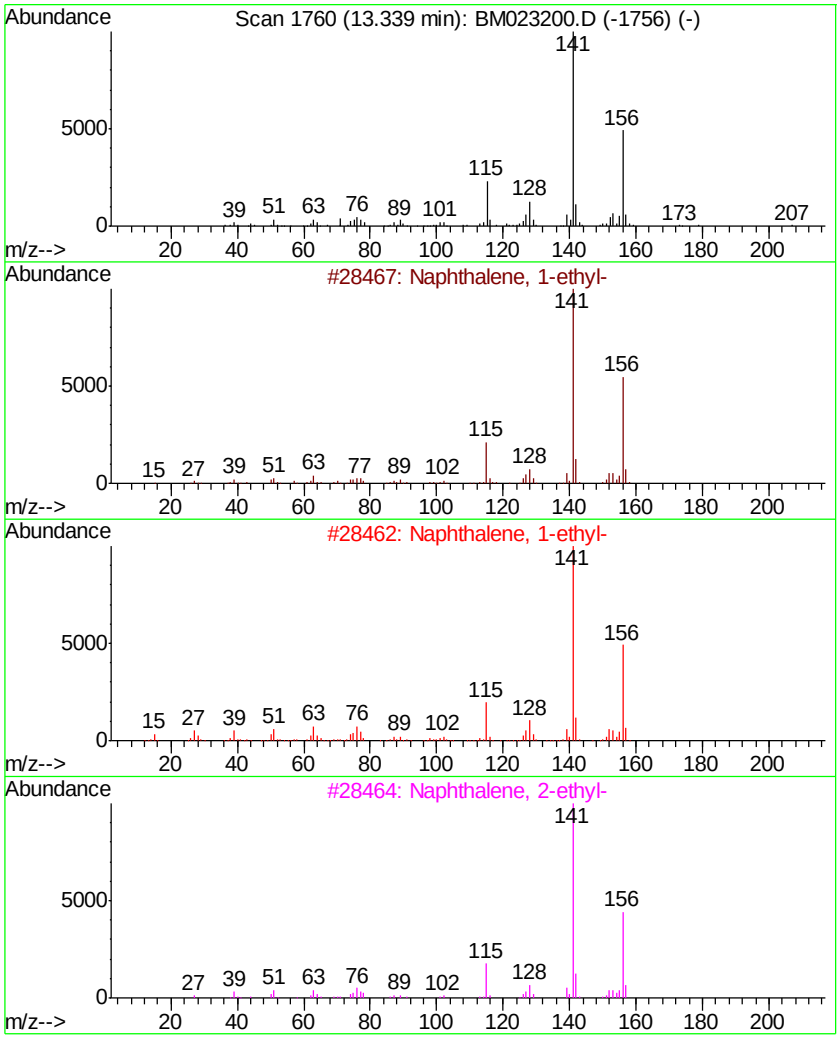
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

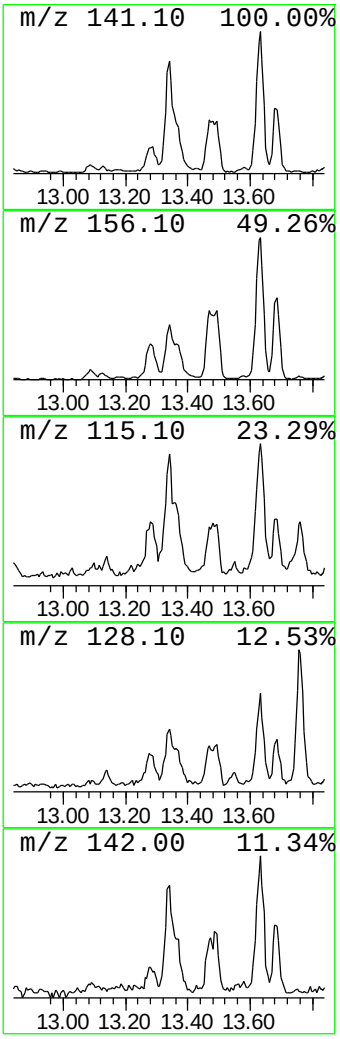
****

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.12 ng/ul	443968	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





Library Search Compound Report

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Acq On : 16 Oct 2019 20:57
Operator : JU
Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

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Quant Title : SVOA CALIBRATION

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

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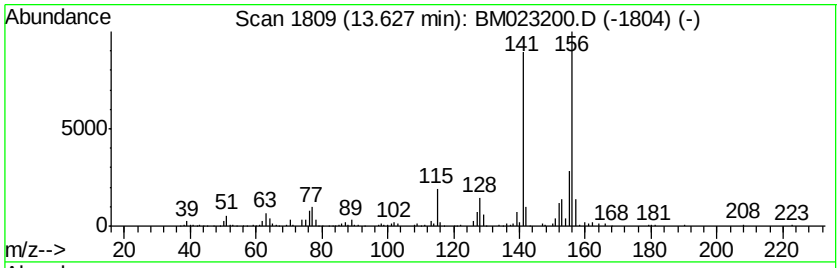
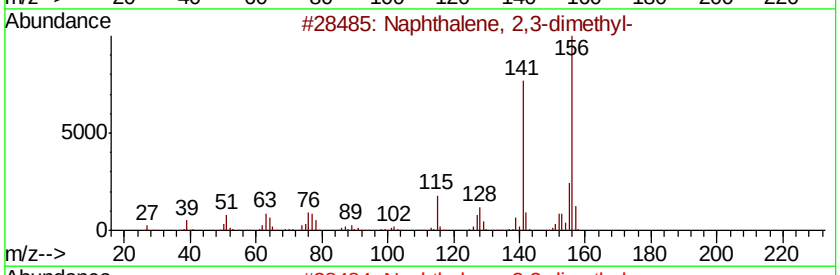
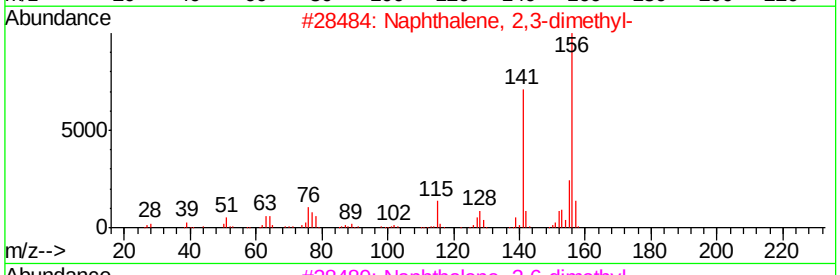
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 24

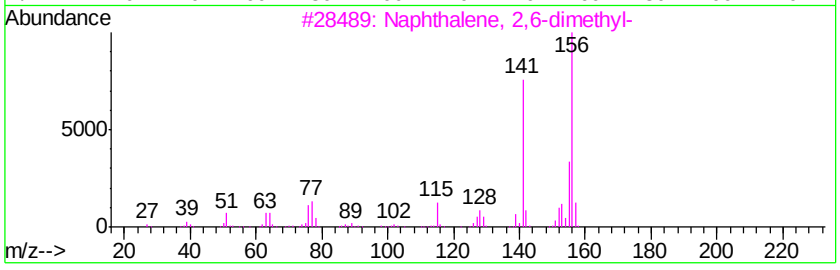
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.07 ng/ul	642685	Acenaphthene-d10	14.31

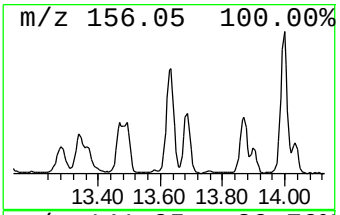
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97

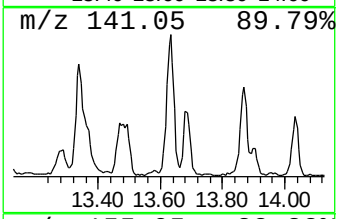


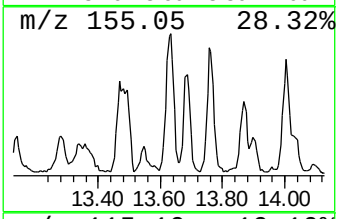


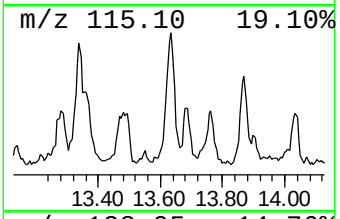


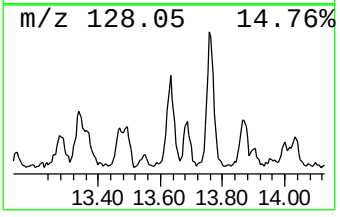












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Acq On : 16 Oct 2019 20:57
Operator : JU
Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

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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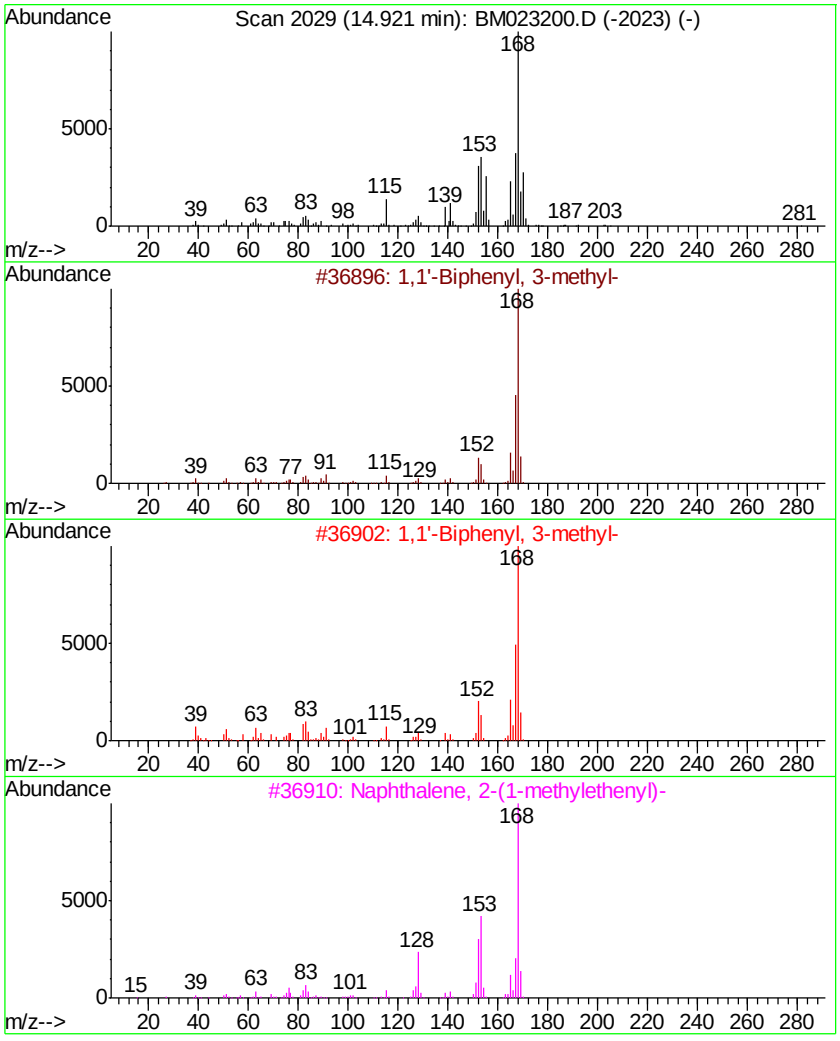
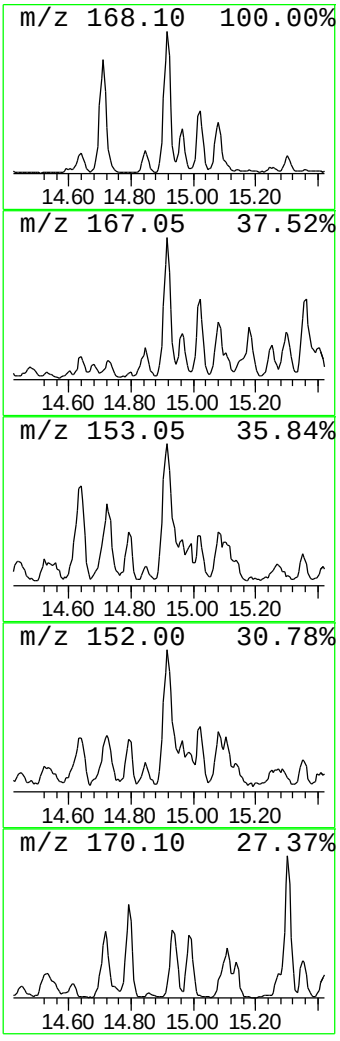
Peak Number 7 1,1'-Biphenyl, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.16 ng/ul	871572	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	87
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	68
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	62
4	Pyrazol-5-amine, 1,3-dimethyl-4-...	168	C6H8N4S	019688-92-7	50
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49





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Acq On : 16 Oct 2019 20:57
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Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

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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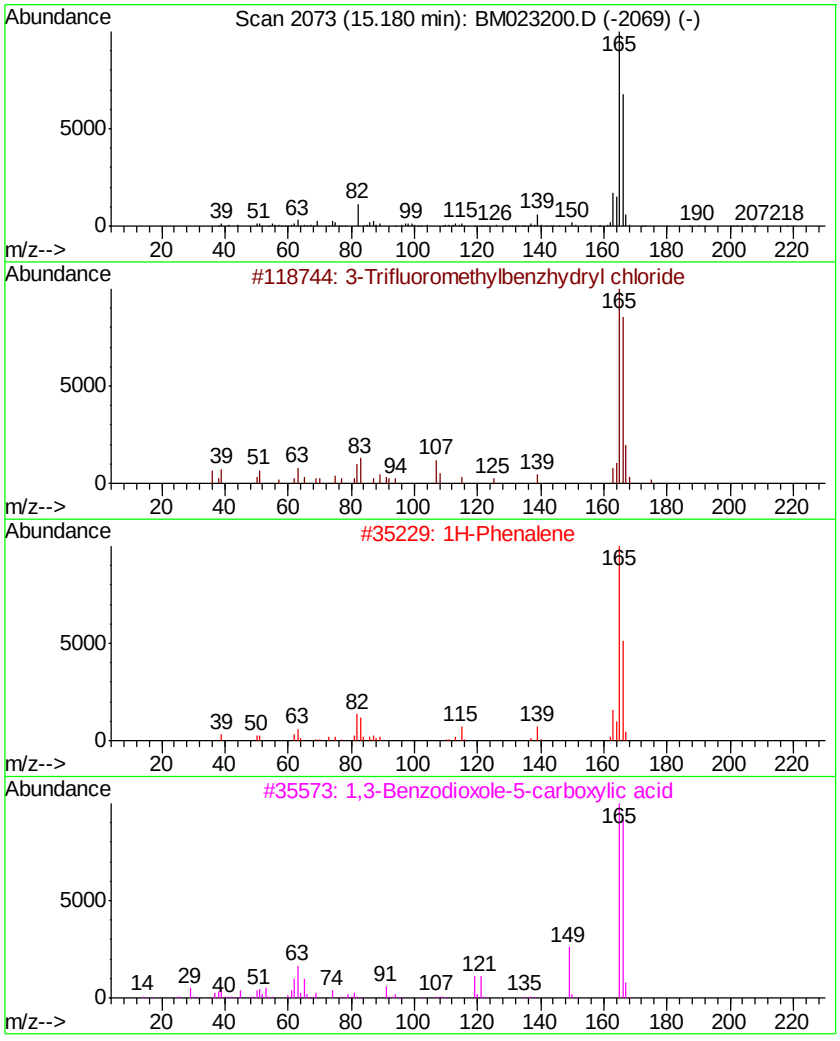
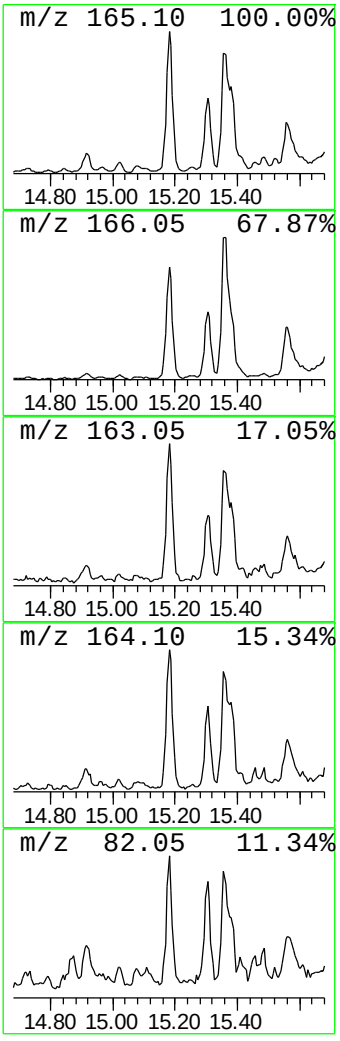
Peak Number 8 3-Trifluoromethylbenzhydryl... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	2.91 ng/ul	609839	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	78
2	1H-Phenalene	166	C13H10	000203-80-5	72
3	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	59
4	Fluorene	166	C13H10	000086-73-7	58
5	Fluorene-9-methanol	196	C14H12O	024324-17-2	56





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Quant Title : SVOA CALIBRATION

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

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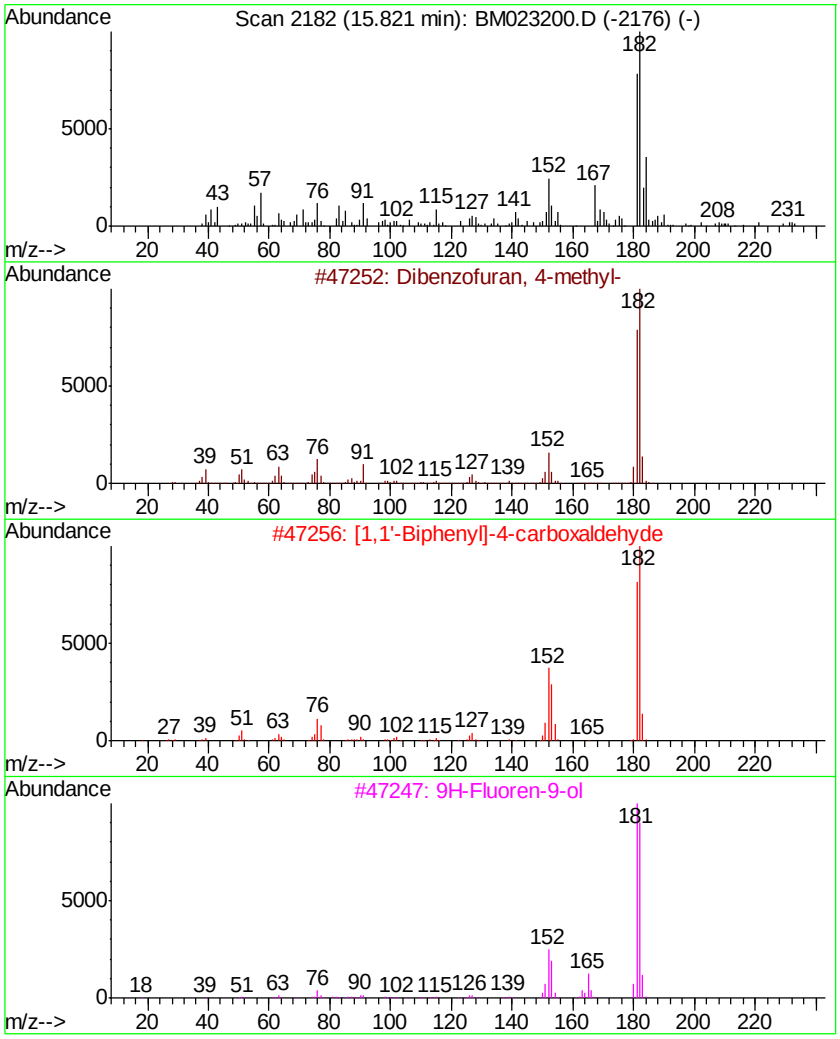
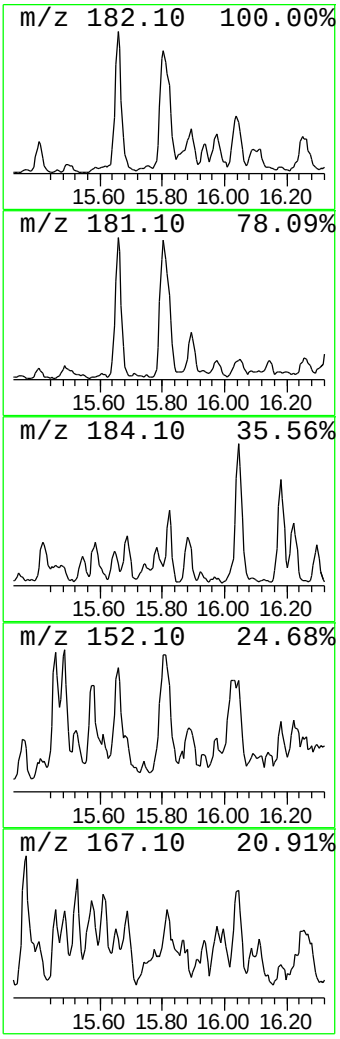
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.54 ng/ul	588938	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	59





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Sample : K5262-01
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Instrument : BNA_M
ClientSampleId : BFB68

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Quant Title : SVOA CALIBRATION

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

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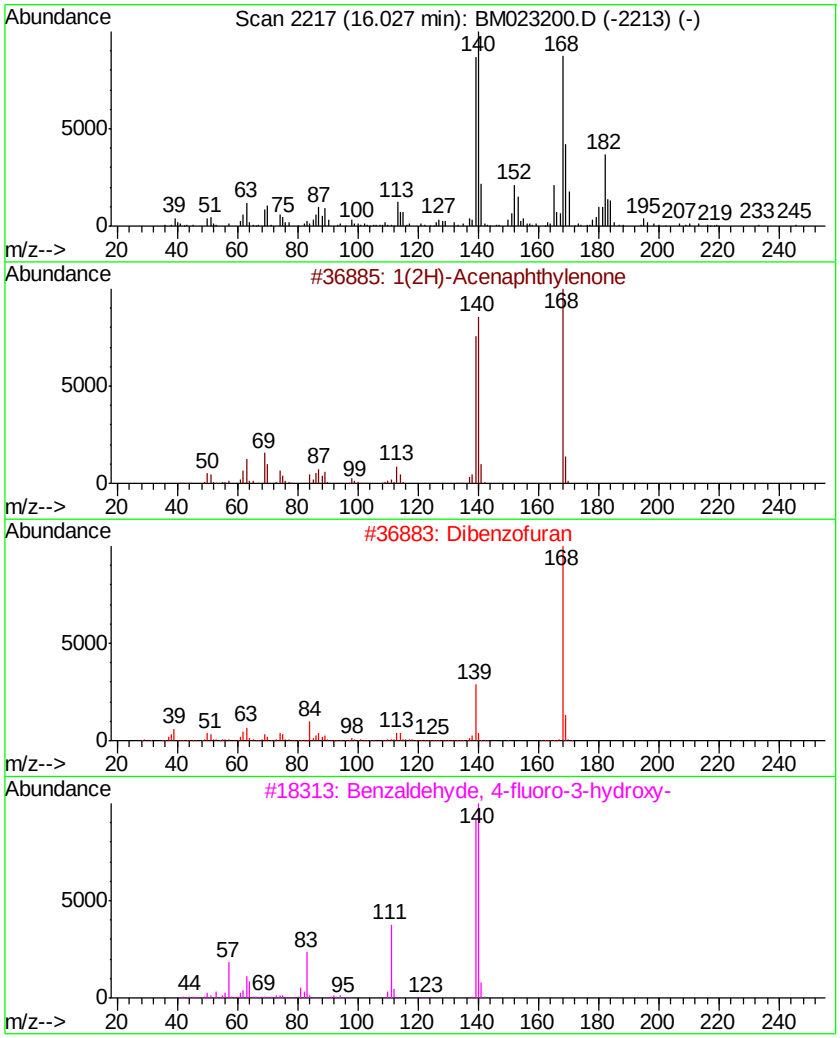
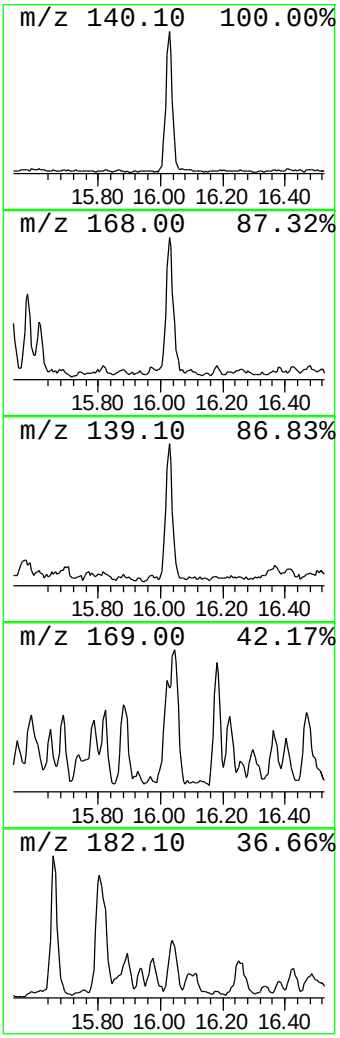
Peak Number 10 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.96 ng/ul	685298	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	46
2	Dibenzofuran	168	C12H8O	000132-64-9	30
3	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	25
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	15
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	15





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ALS Vial : 7 Sample Multiplier: 1

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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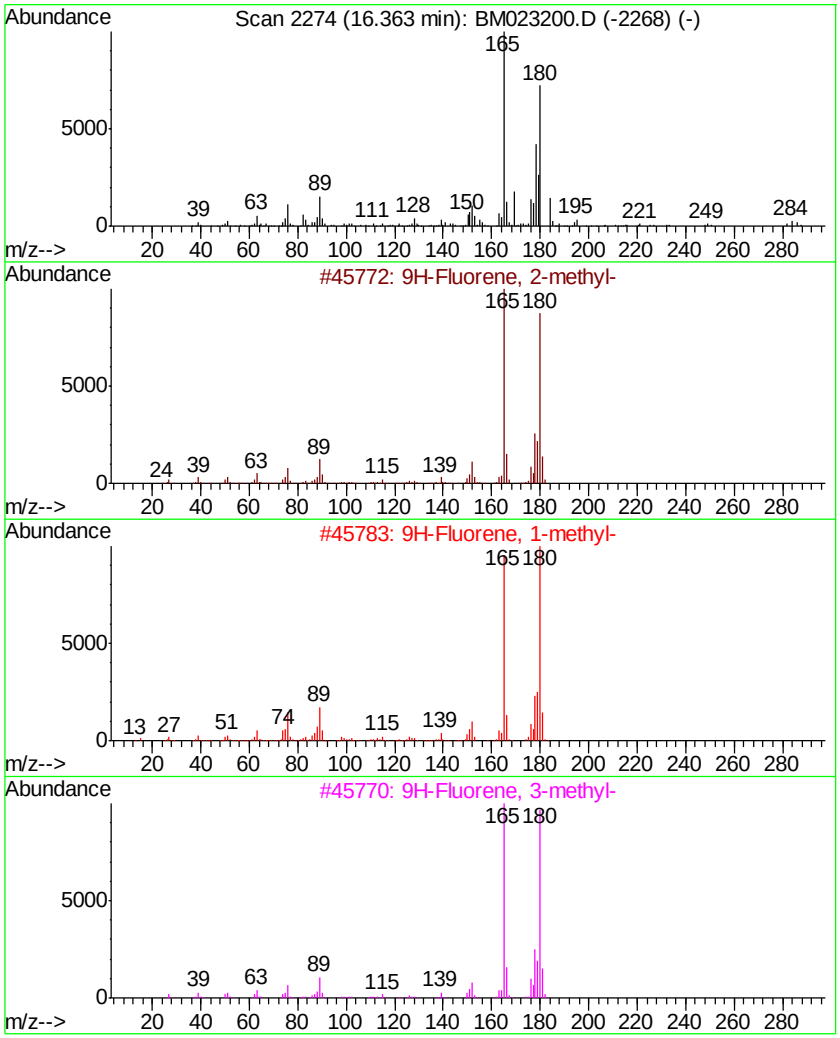
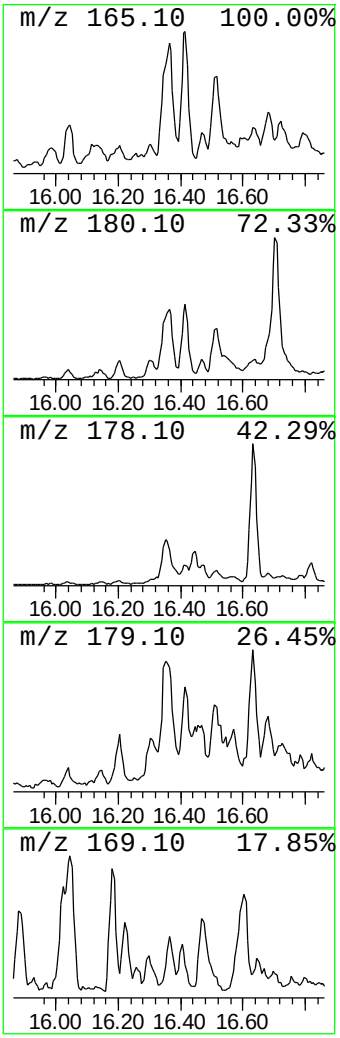
Peak Number 11 9H-Fluorene, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	2.86 ng/ul	663337	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	62





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Quant Title : SVOA CALIBRATION

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

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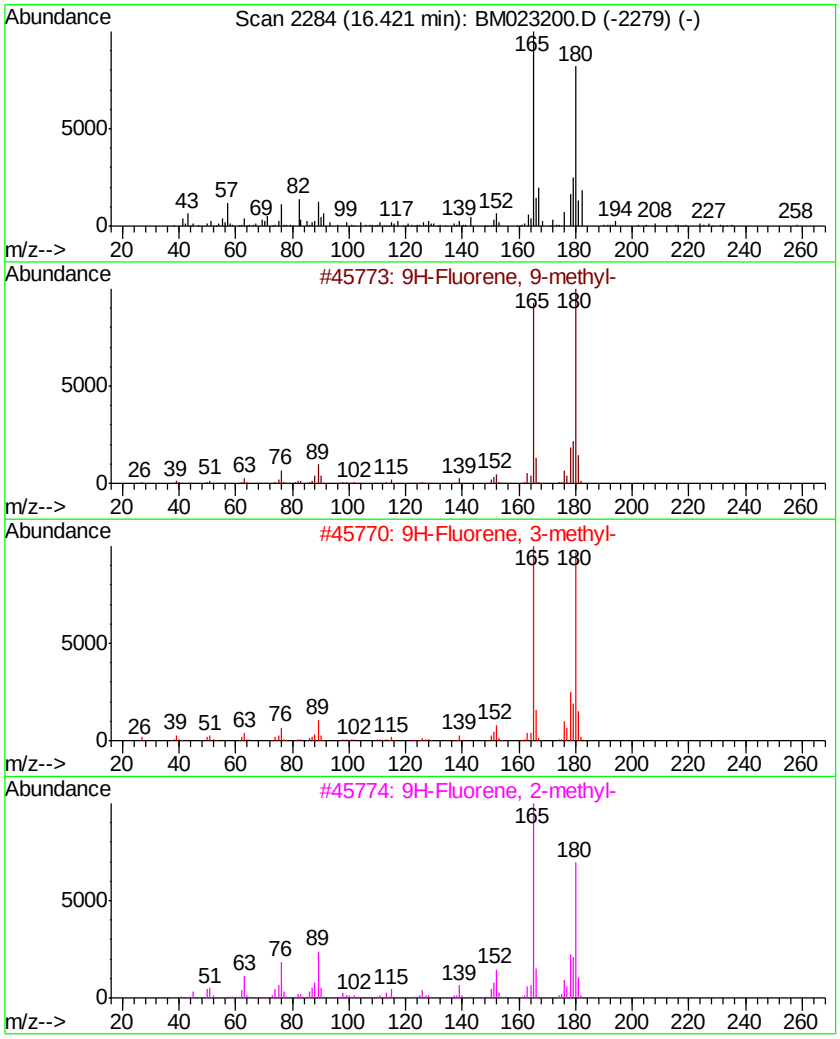
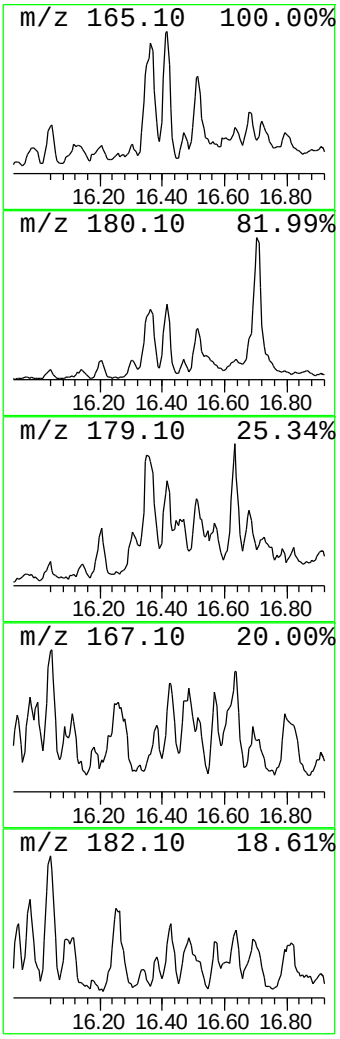
Peak Number 12 9H-Fluorene, 9-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.20 ng/ul	510367	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86





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Quant Title : SVOA CALIBRATION

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

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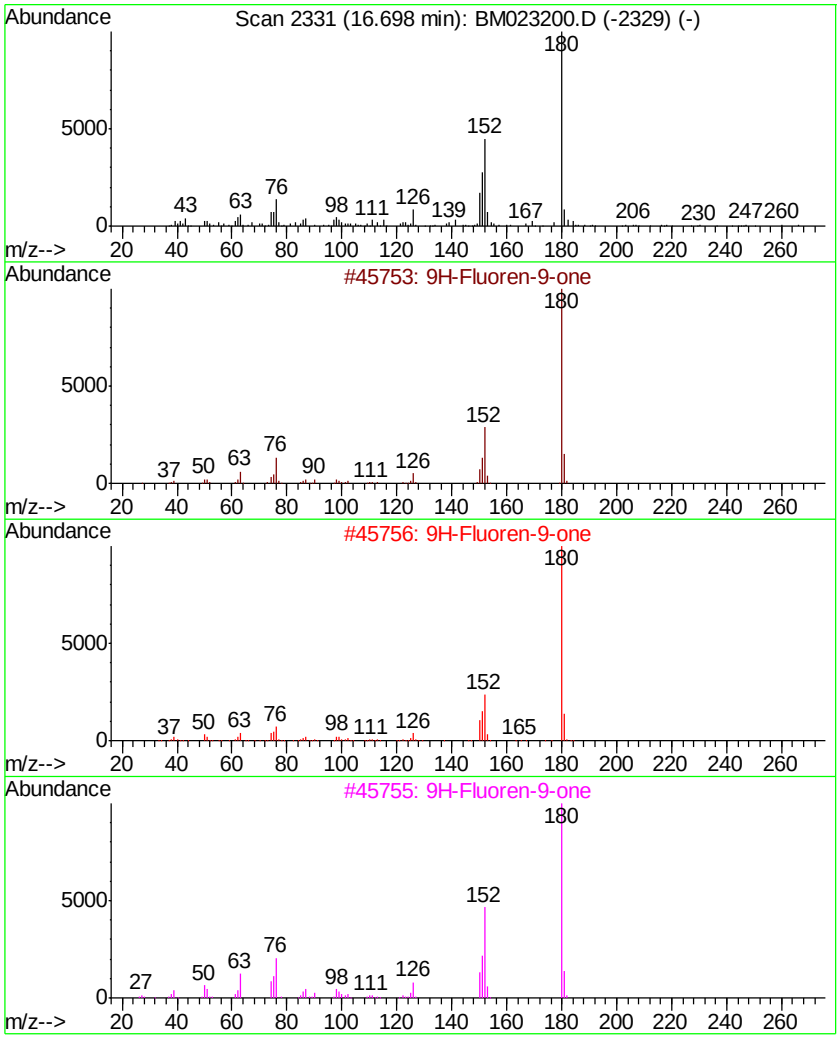
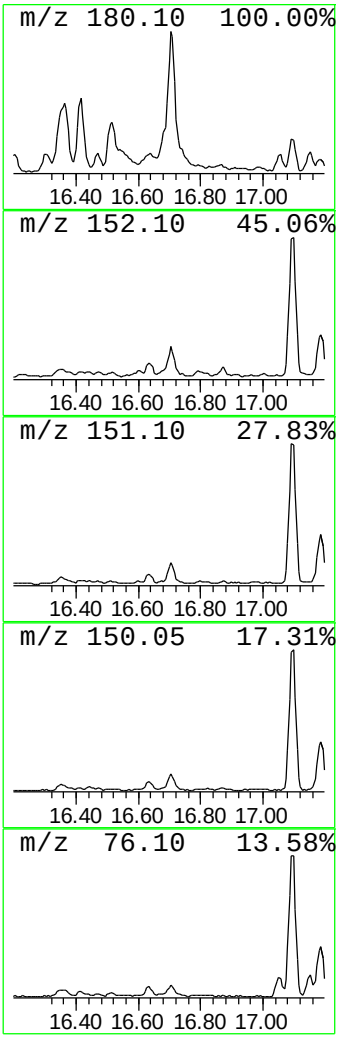
Peak Number 14 9H-Fluoren-9-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.98 ng/ul	689493	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





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Quant Title : SVOA CALIBRATION

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

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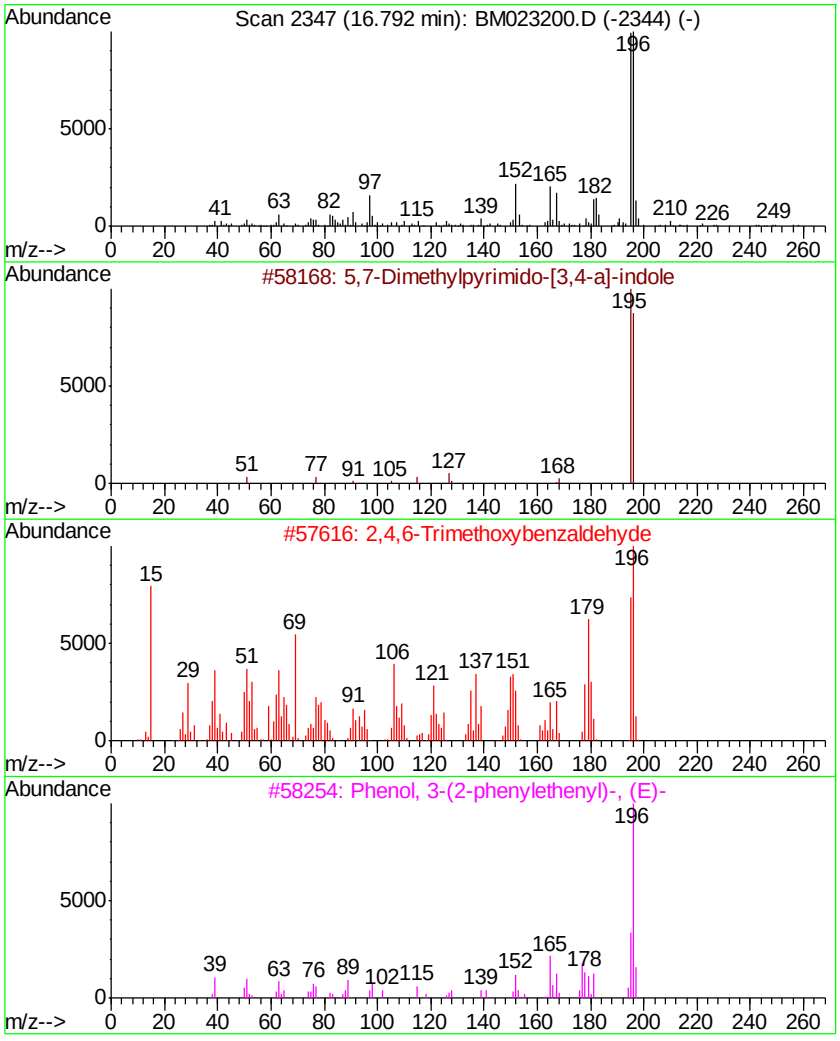
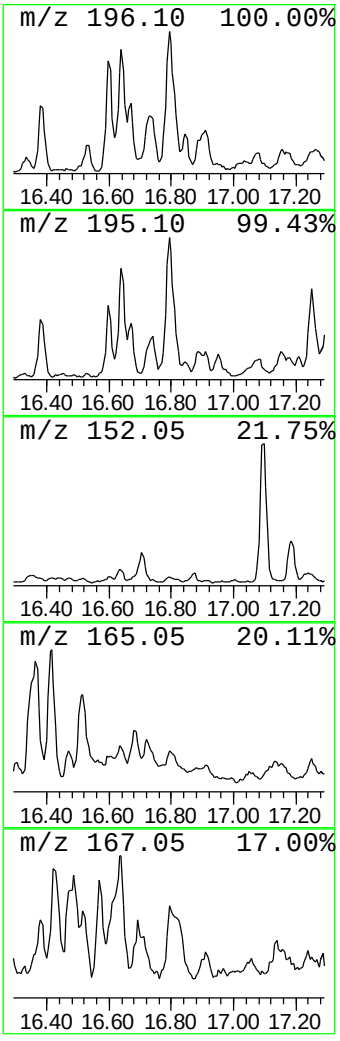
Peak Number 15 unknown-03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	2.22 ng/ul	513863	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	49
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	49
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	47
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	46
5	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	43





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Quant Title : SVOA CALIBRATION

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

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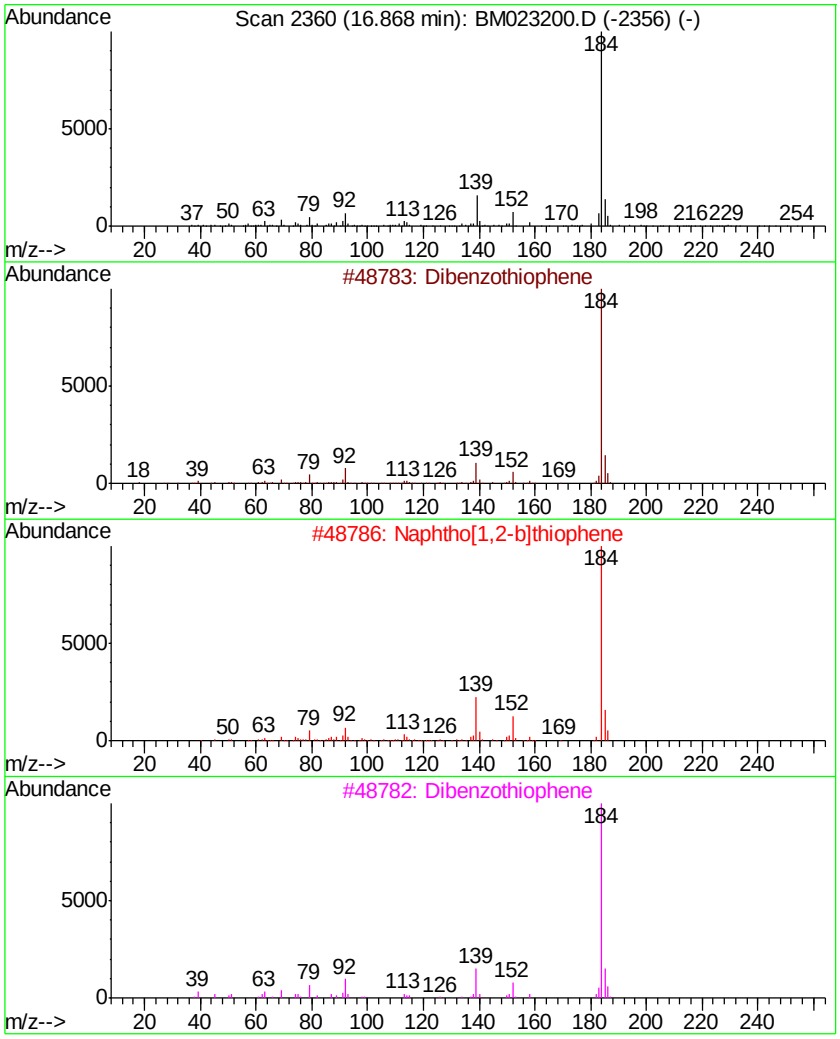
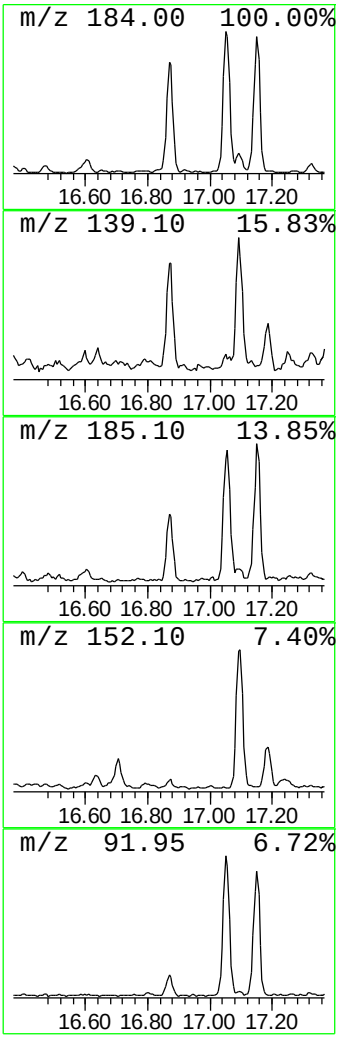
Peak Number 16 Dibenzothiophene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	2.65 ng/ul	613397	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	87





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Operator : JU
Sample : K5262-01
Misc :
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Instrument : BNA_M
ClientSampleId : BFB68

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Quant Title : SVOA CALIBRATION

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

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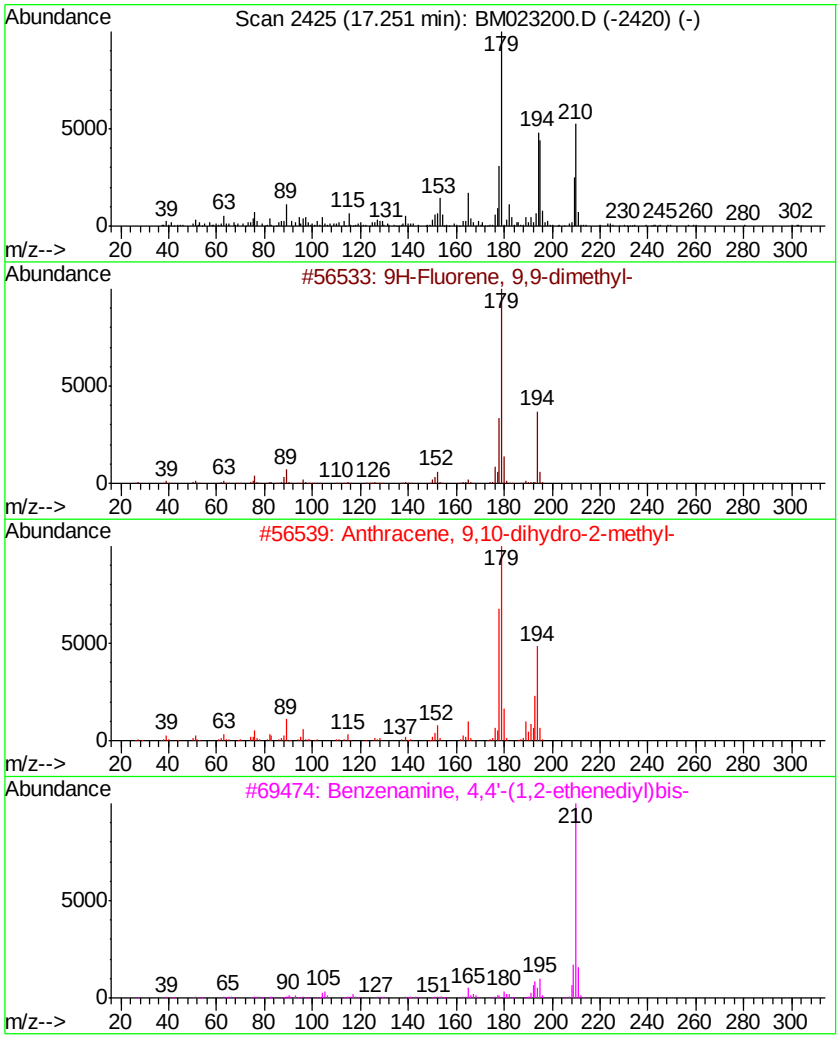
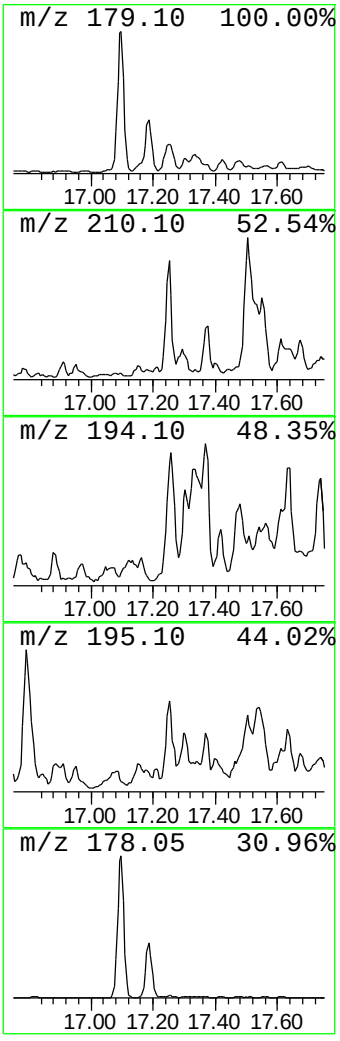
Peak Number 17 unknown-04 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	3.00 ng/ul	694164	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	49
2	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	43
3	Benzenamine, 4,4'-(1,2-ethenediy...	210	C14H14N2	000621-96-5	43
4	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	42
5	Benzoic acid, 2,4-dimethoxy-6-me...	210	C11H14O4	006110-37-8	38





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Instrument : BNA_M
ClientSampleId : BFB68

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Quant Title : SVOA CALIBRATION

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

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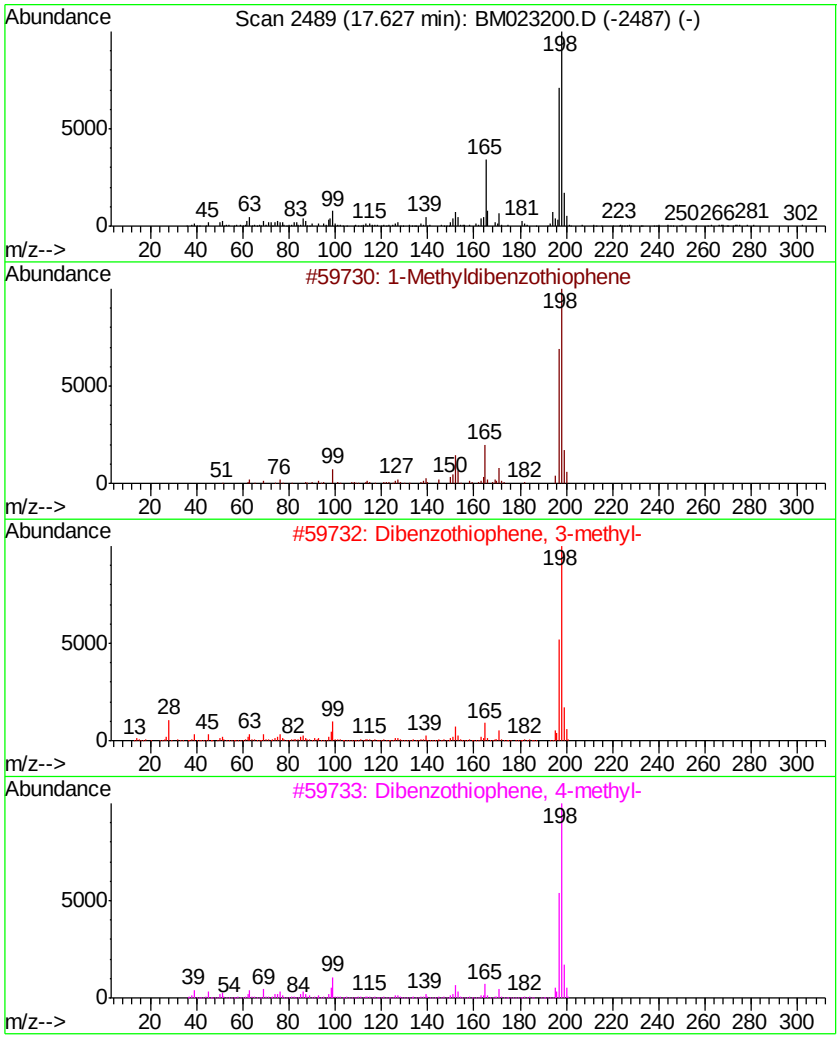
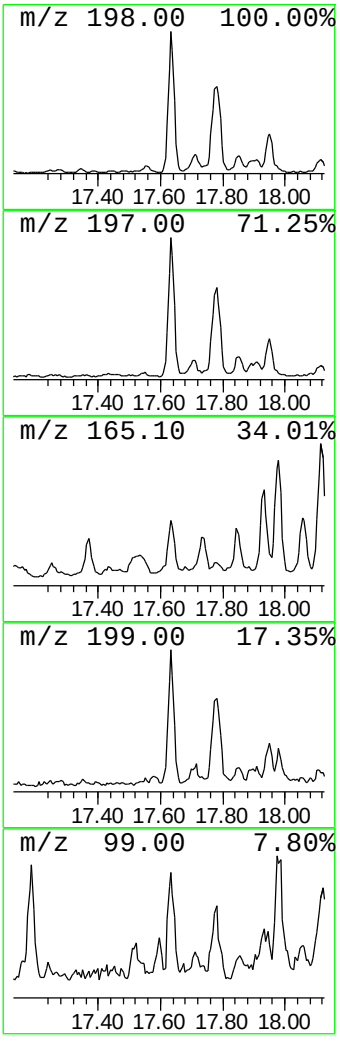
Peak Number 18 1-Methyldibenzothiophene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	2.48 ng/ul	574346	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	91
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	68
5	Tacrine	198	C13H14N2	000321-64-2	64





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Quant Title : SVOA CALIBRATION

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

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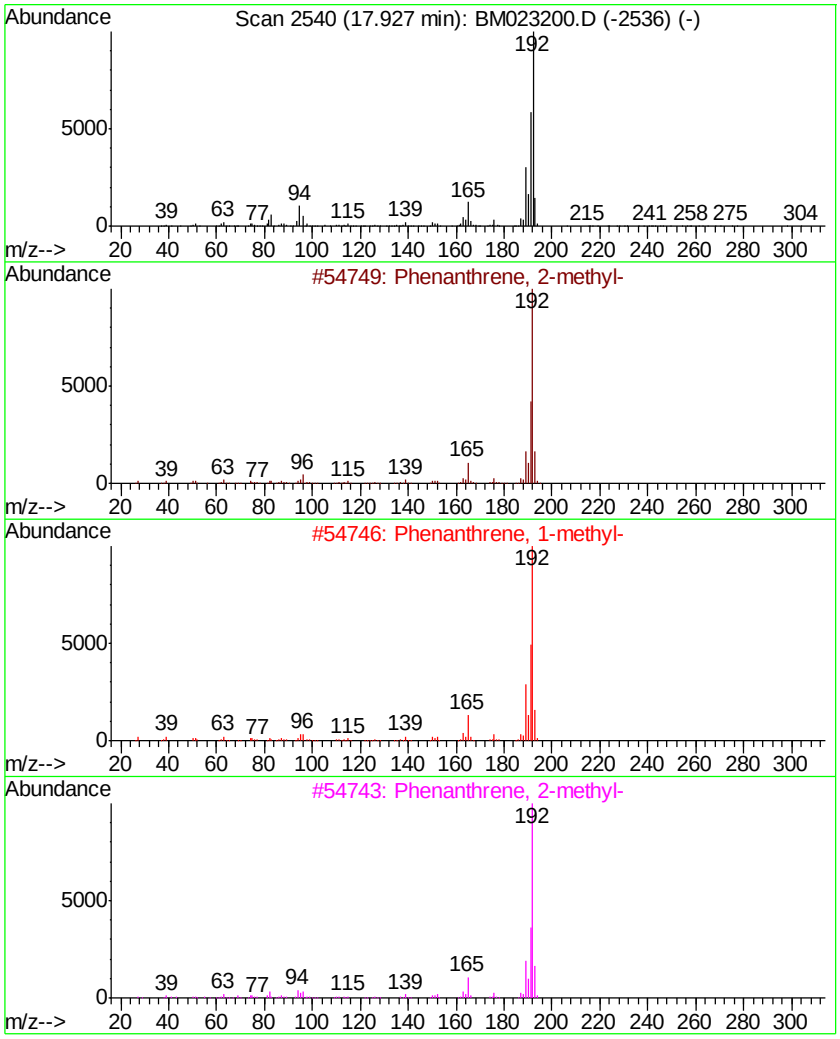
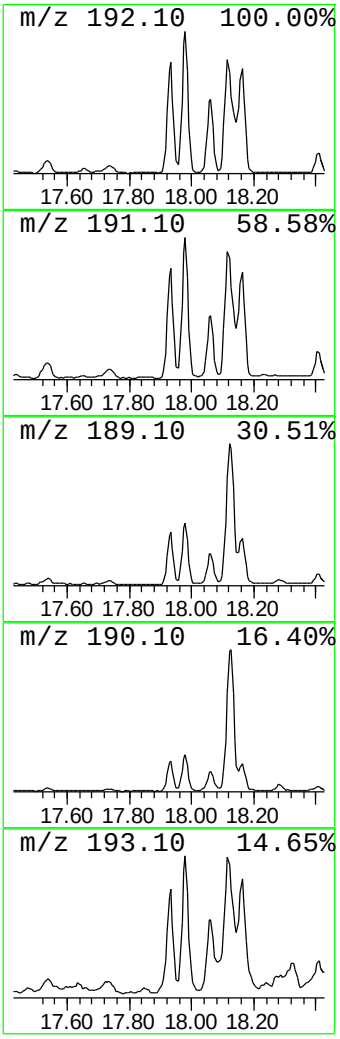
Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	9.83 ng/ul	2277270	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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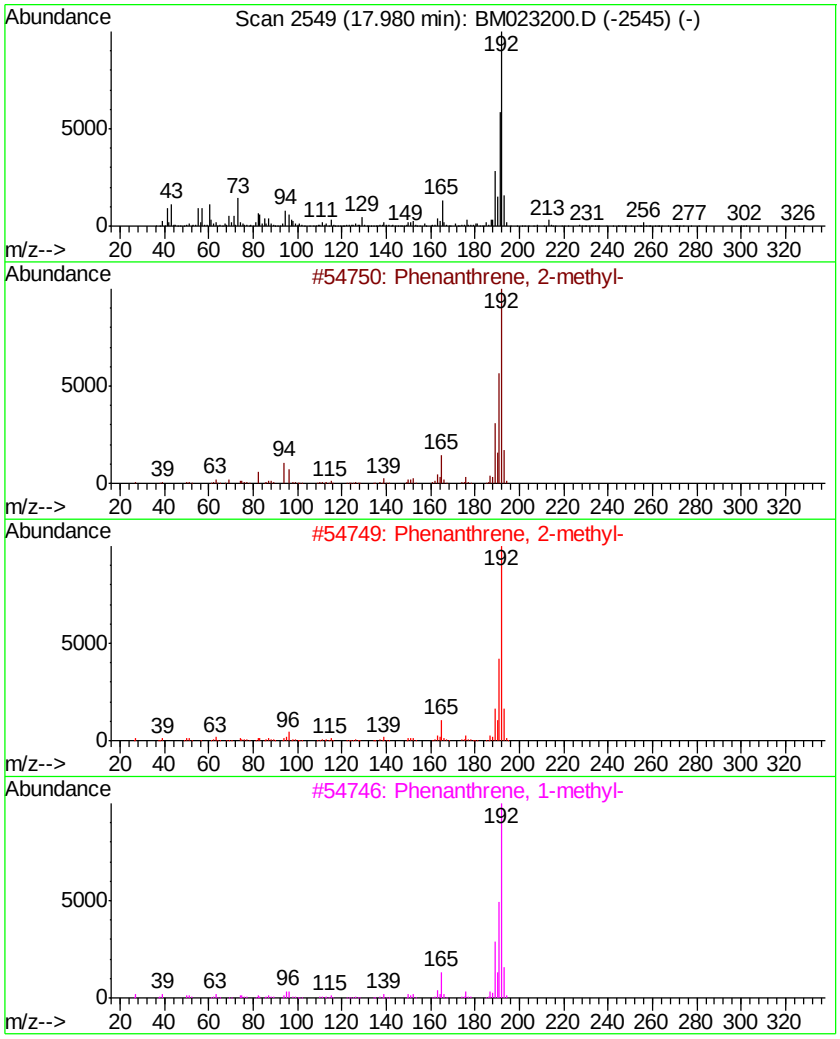
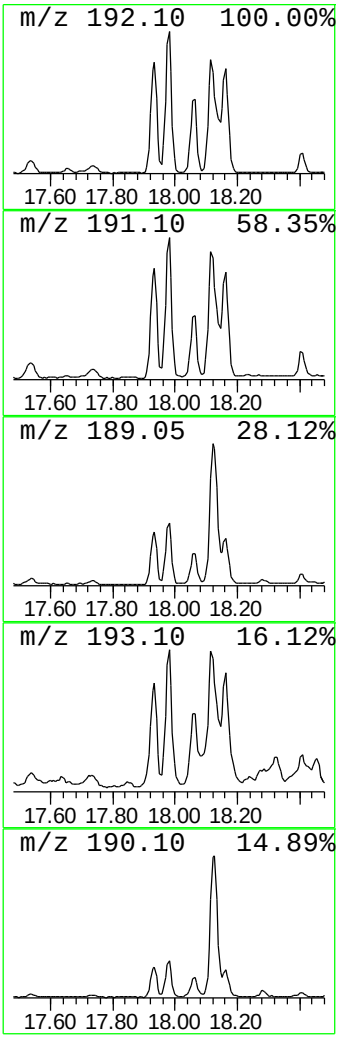
Peak Number 20 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	17.82 ng/ul	4126500	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





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Quant Title : SVOA CALIBRATION

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

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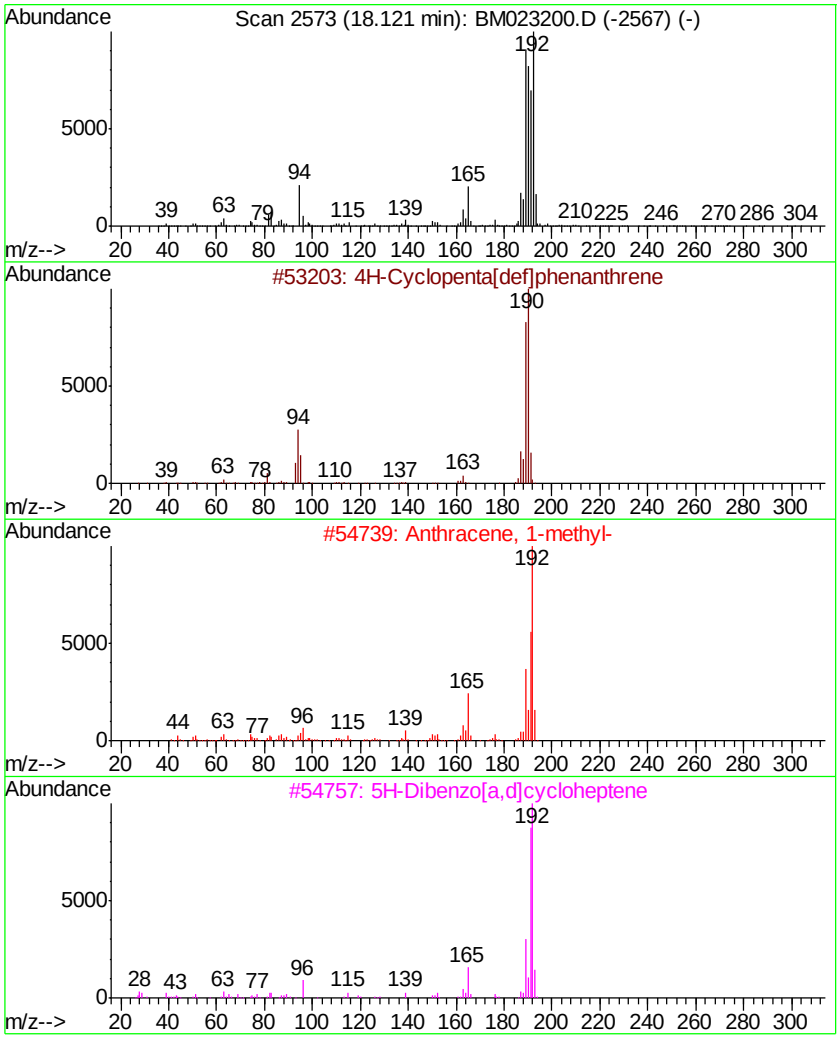
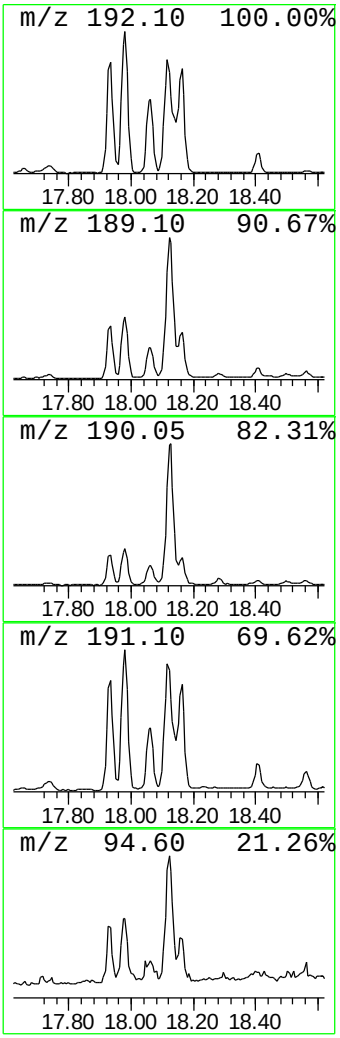
Peak Number 21 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	20.12 ng/ul	4659190	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46





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Quant Title : SVOA CALIBRATION

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

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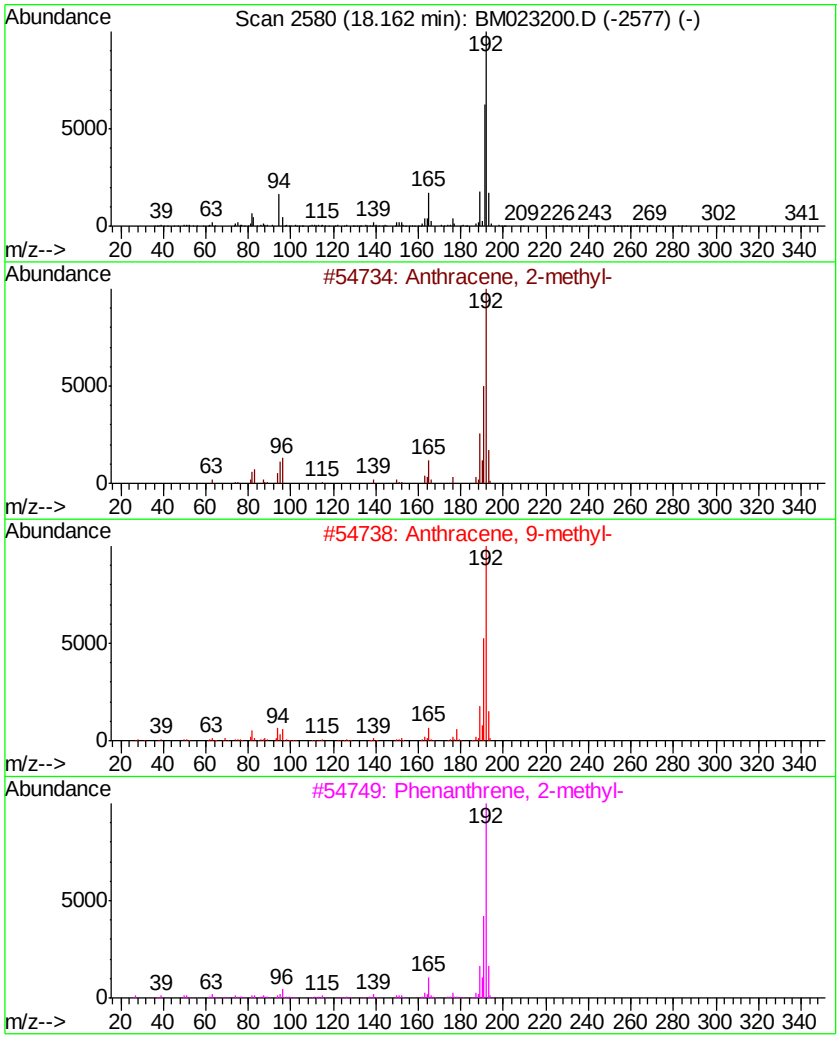
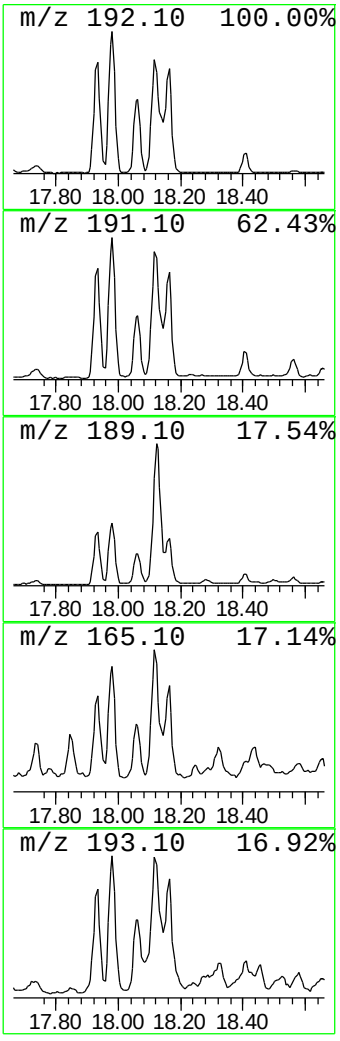
Peak Number 22 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	8.83 ng/ul	2044310	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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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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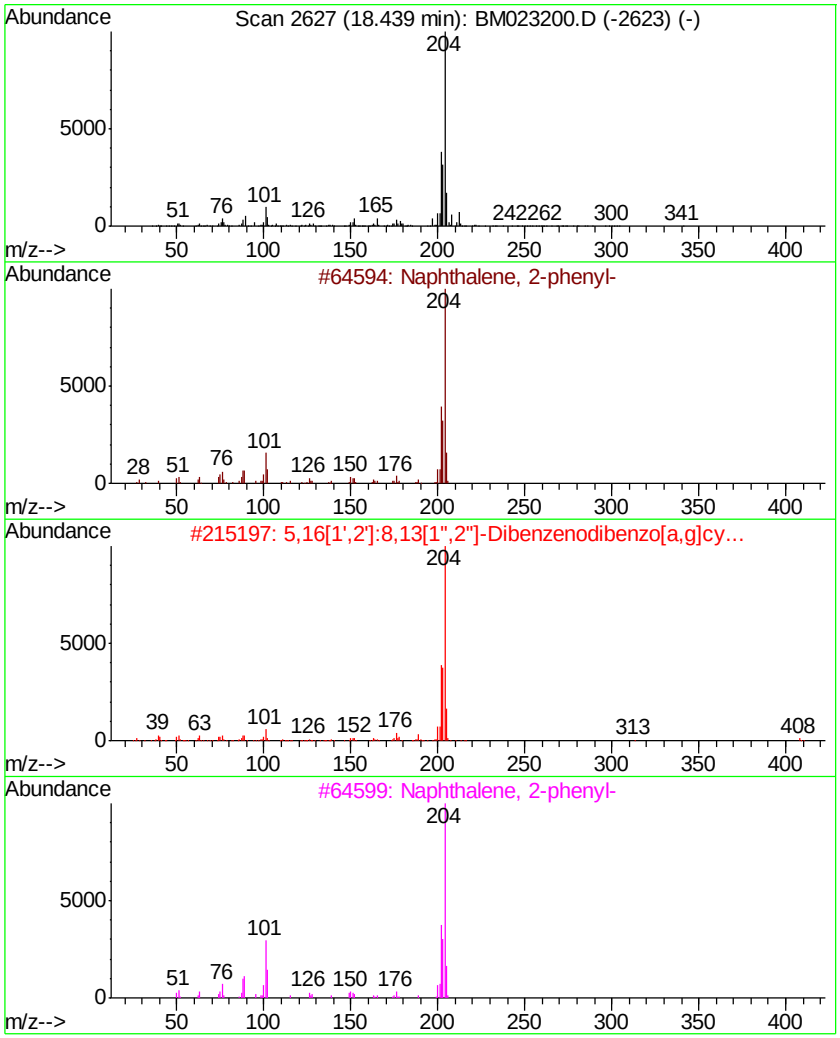
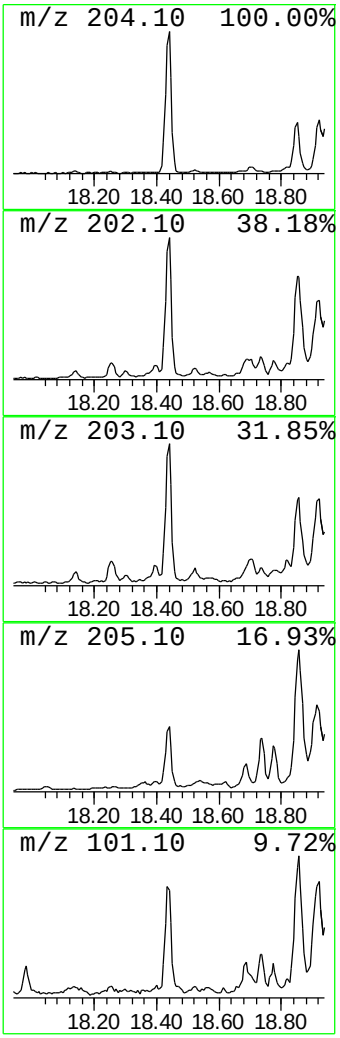
Peak Number 23 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	6.08 ng/ul	1408850	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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Quant Title : SVOA CALIBRATION

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

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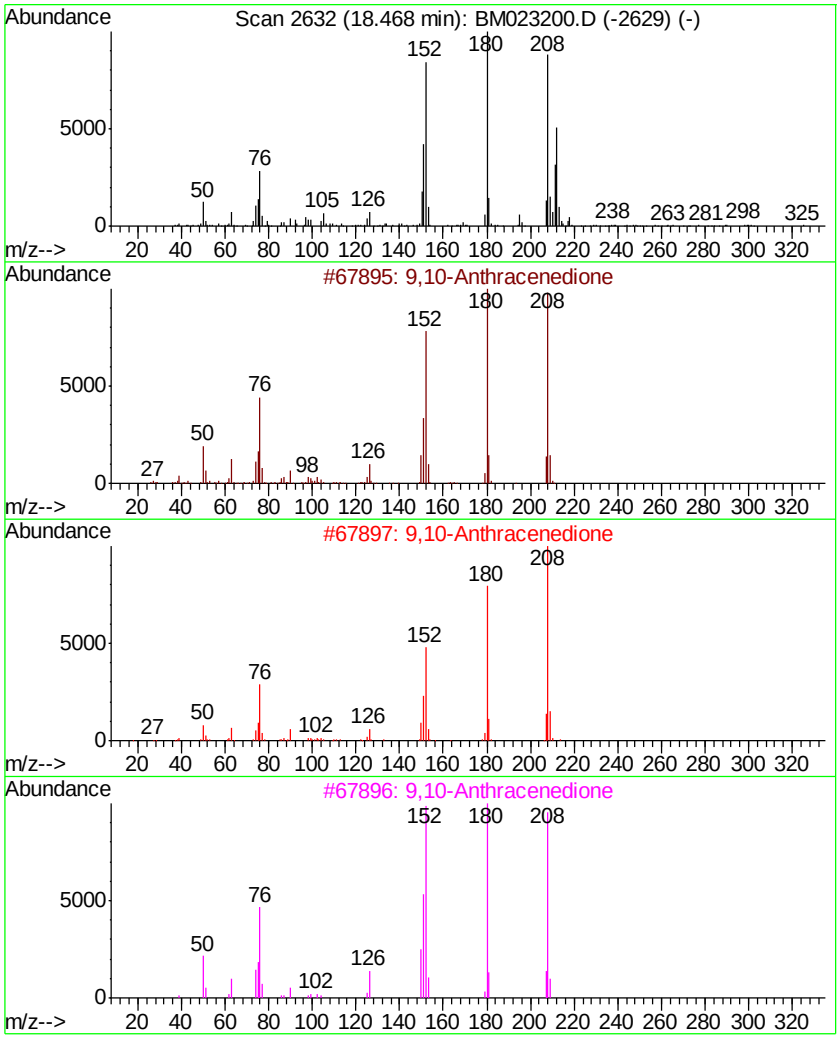
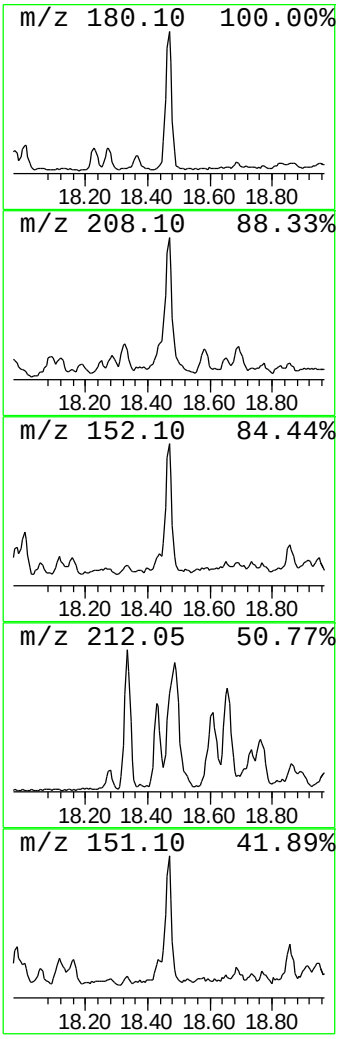
Peak Number 24 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.30 ng/ul	995803	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	55
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50





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Quant Title : SVOA CALIBRATION

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

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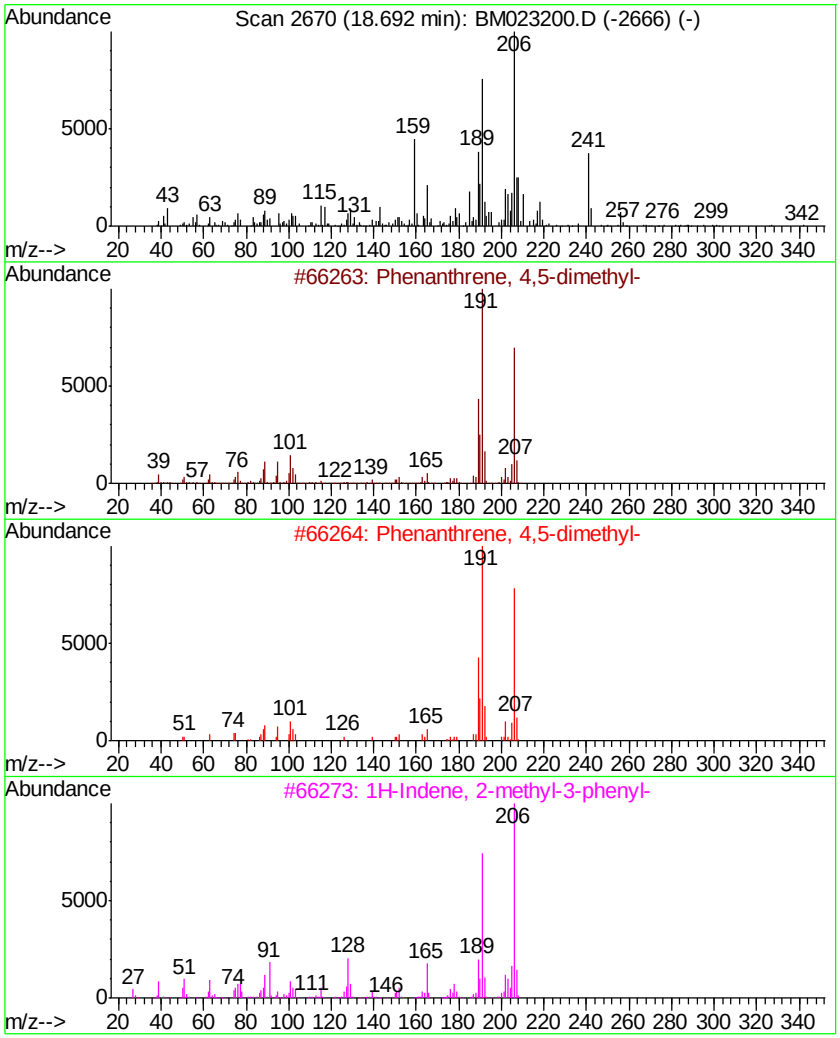
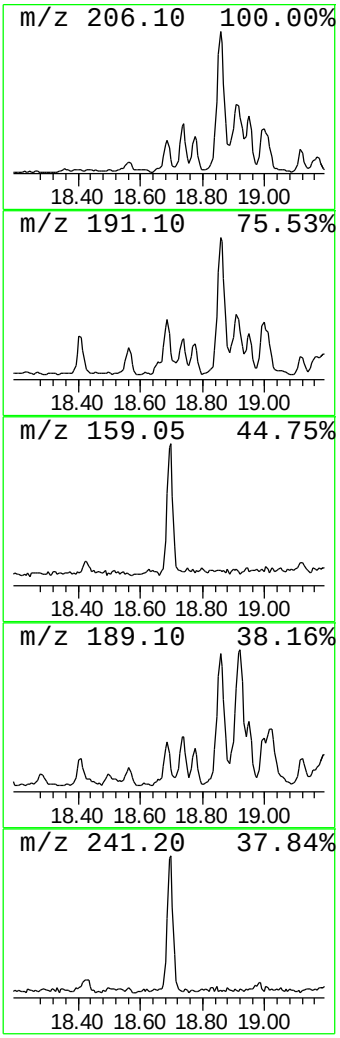
Peak Number 25 Phenanthrene, 4,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	4.50 ng/ul	1043310	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	78
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	70





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Quant Title : SVOA CALIBRATION

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

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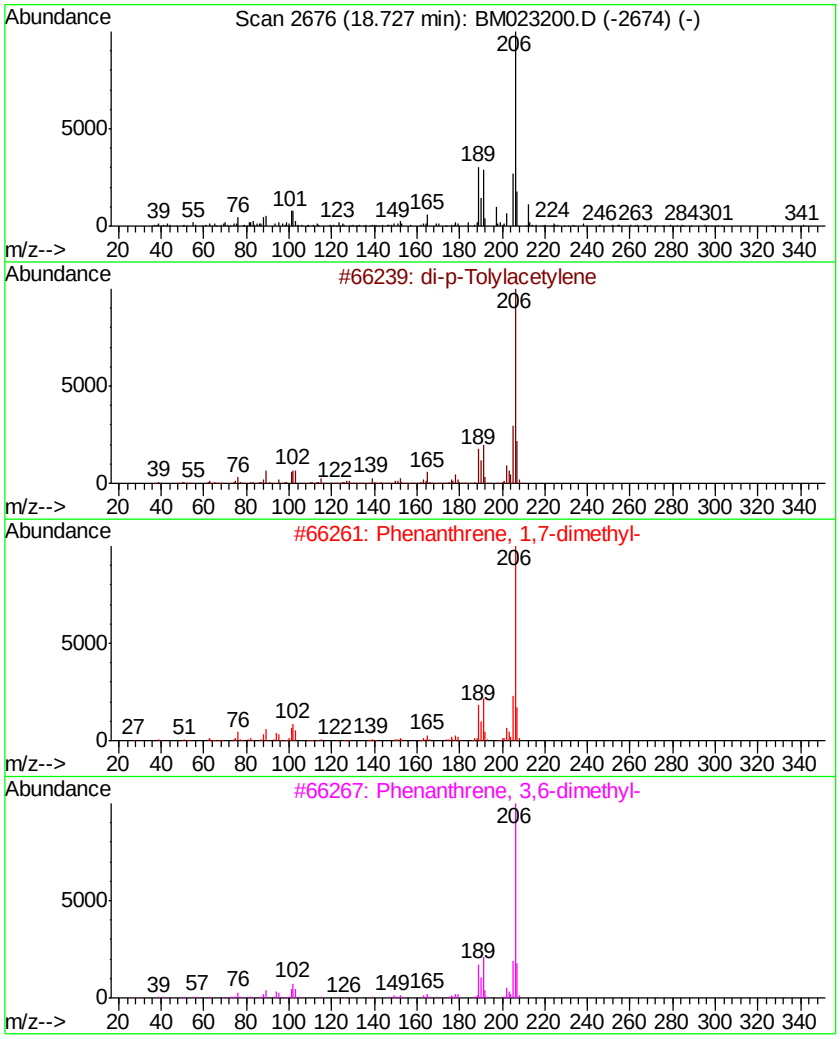
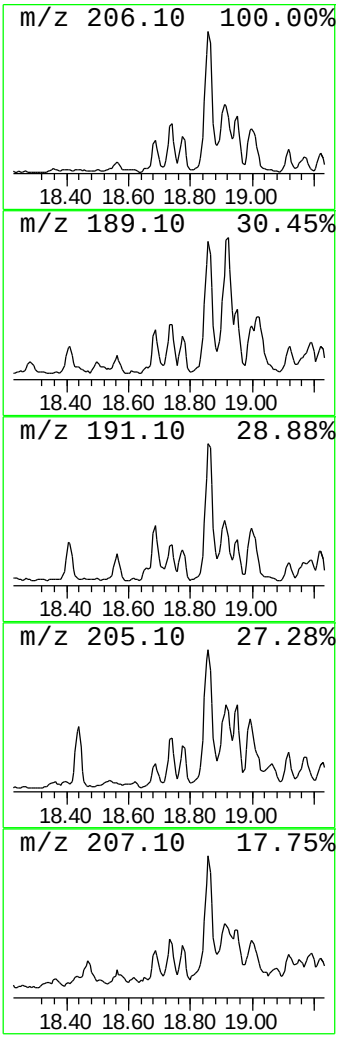
Peak Number 26 di-p-Tolylacetylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	3.30 ng/ul	764593	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	81





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Quant Title : SVOA CALIBRATION

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

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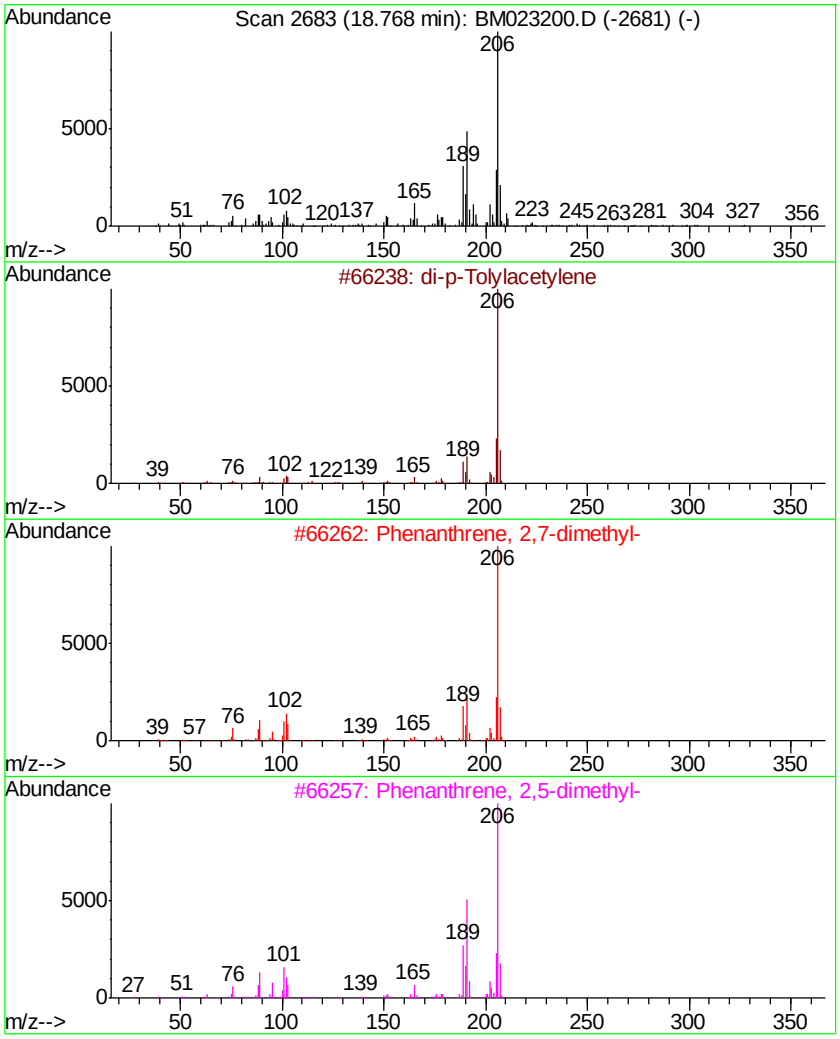
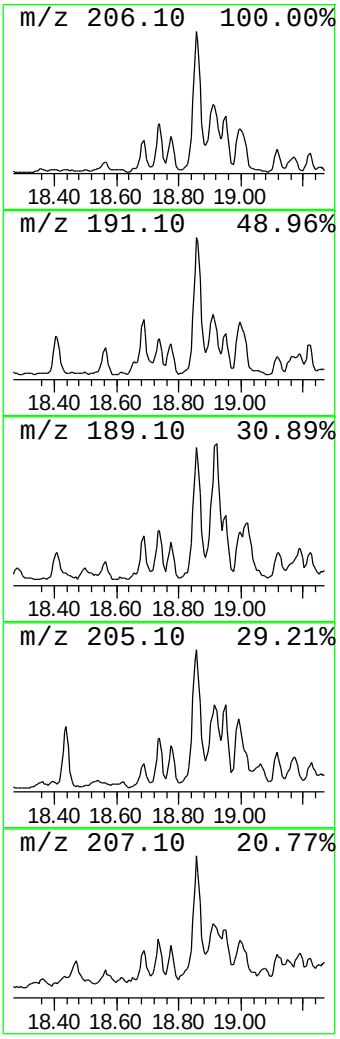
Peak Number 27 Phenanthrene, 2,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	3.15 ng/ul	729147	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





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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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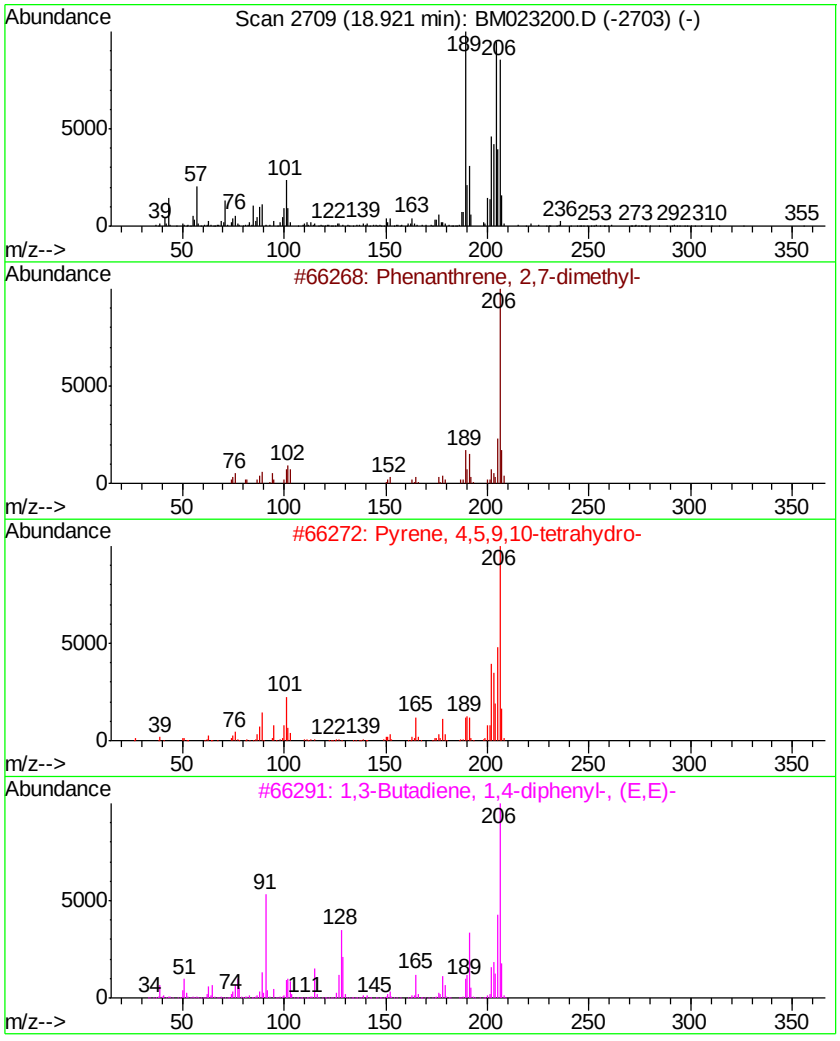
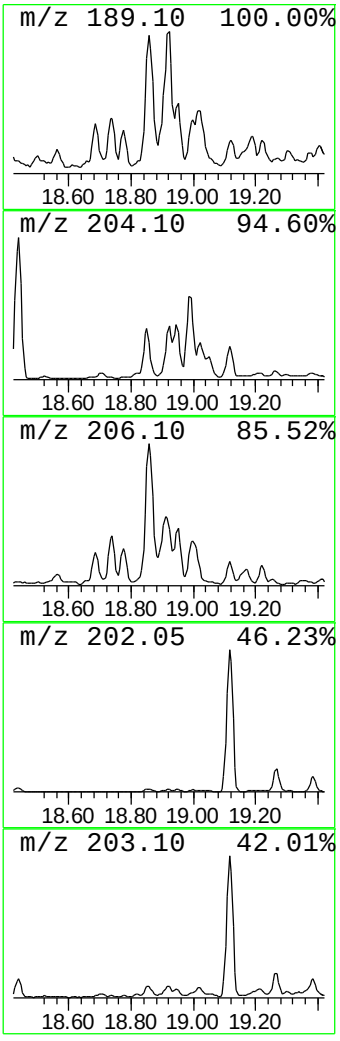
Peak Number 29 Phenanthrene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	8.00 ng/ul	1853330	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	53
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	52
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	50
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	46
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	43





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Data File : BM023200.D
Acq On : 16 Oct 2019 20:57
Operator : JU
Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

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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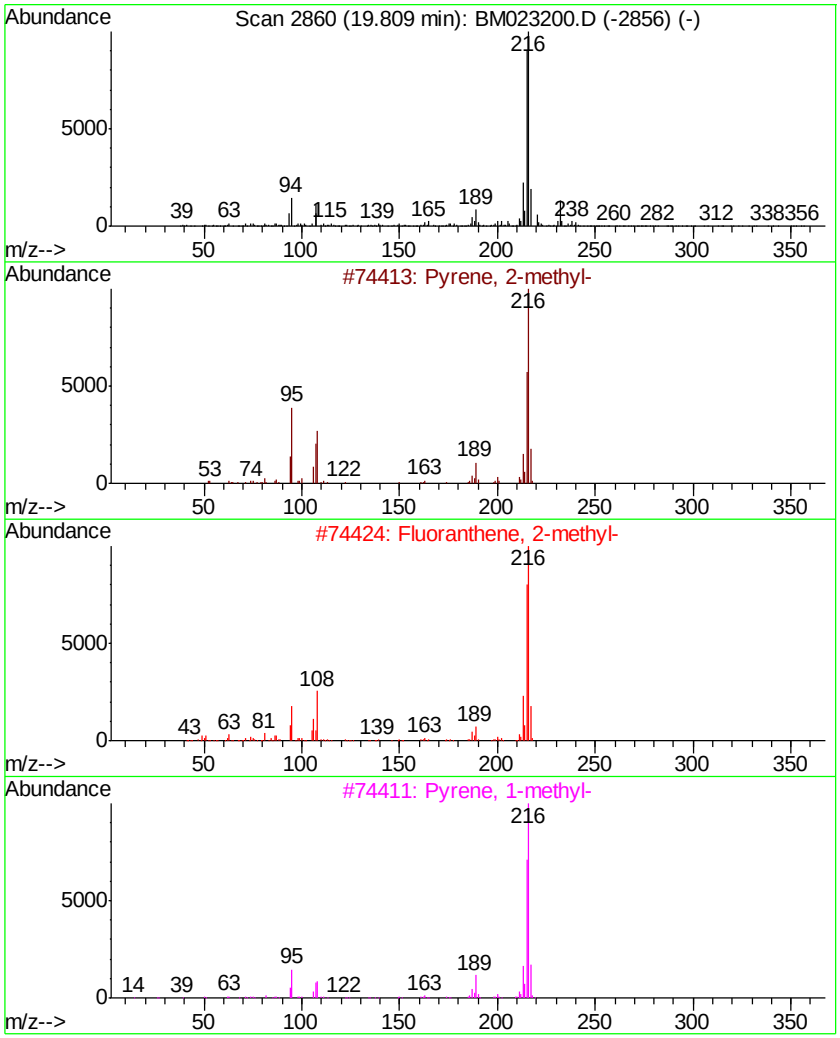
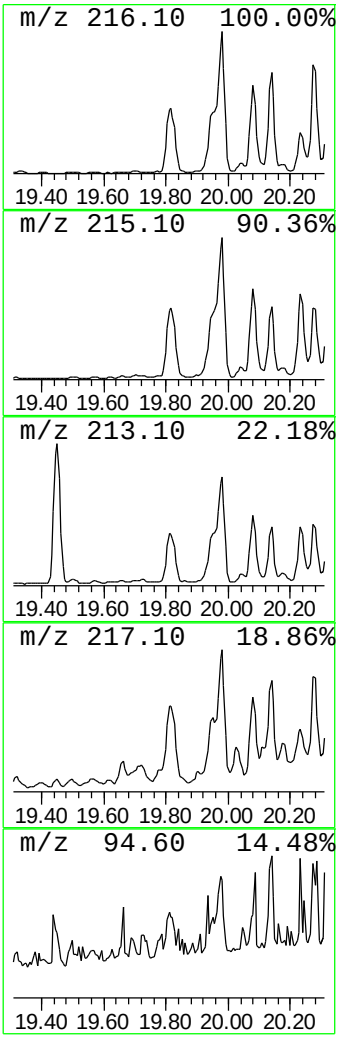
Peak Number 34 Pyrene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.91 ng/ul	2727060	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023200.D
Acq On : 16 Oct 2019 20:57
Operator : JU
Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

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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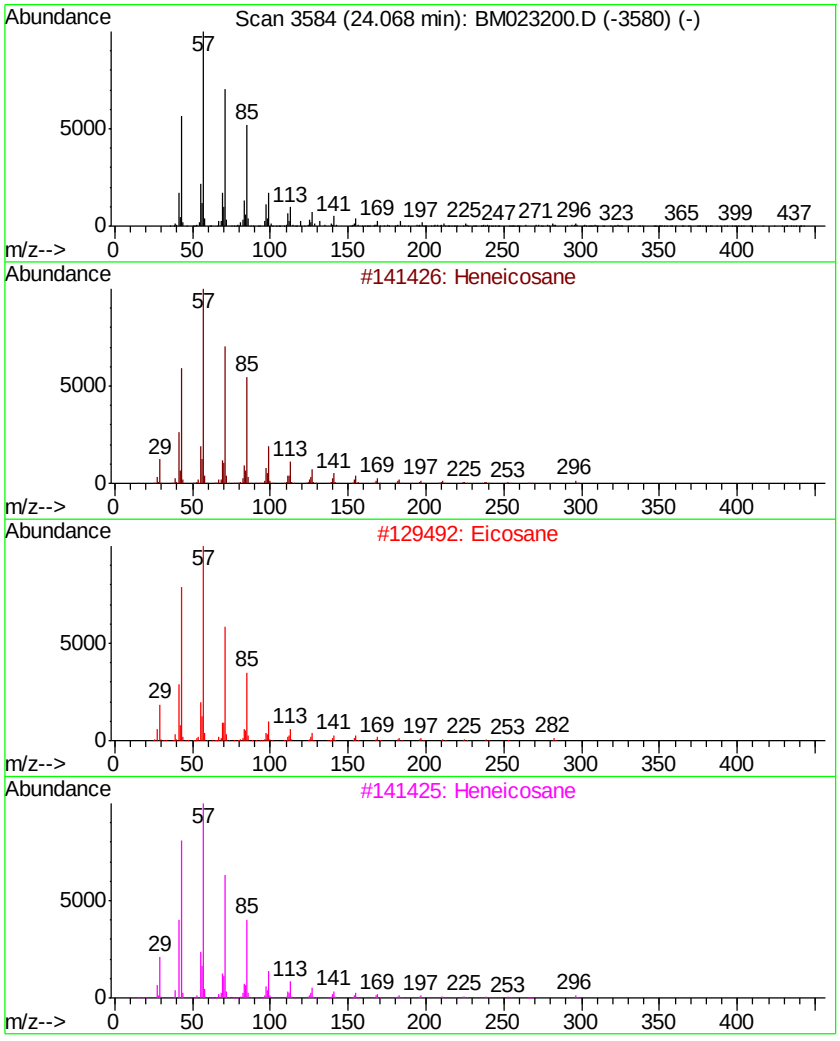
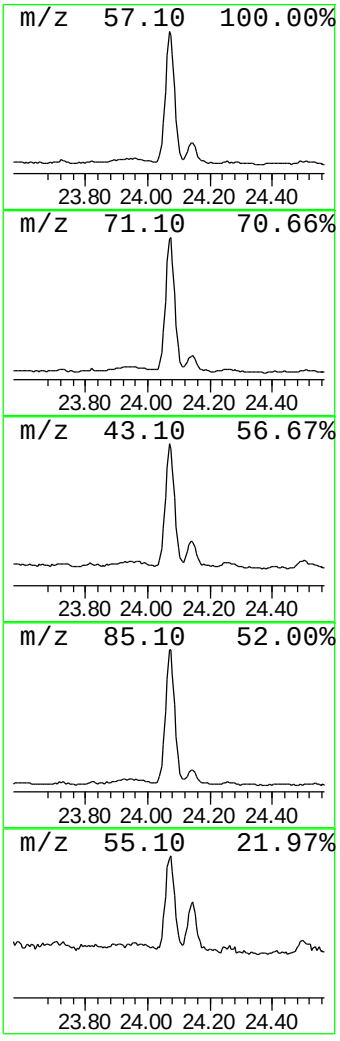
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	16.37 ng/ul	3072280	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Eicosane	282	C20H42	000112-95-8	94
3	Heneicosane	296	C21H44	000629-94-7	93
4	Heptadecane	240	C17H36	000629-78-7	93
5	Eicosane	282	C20H42	000112-95-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\
Data File : BM023200.D
Acq On : 16 Oct 2019 20:57
Operator : JU
Sample : K5262-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB68

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
unknown-01	3.68	3.5	ng/ul	376730	1	7.66	2175550	20.0
Benzene, 1-etheny...	7.33	3.8	ng/ul	413985	1	7.66	2175550	20.0
1,4-Methanonaphth...	11.96	2.9	ng/ul	472492	2	10.45	3215810	20.0
Naphthalene, 1-me...	12.33	3.4	ng/ul	539452	2	10.45	3215810	20.0
Naphthalene, 1-et...	13.34	2.1	ng/ul	443968	3	14.31	4192260	20.0
Naphthalene, 2,3-...	13.63	3.1	ng/ul	642685	3	14.31	4192260	20.0
1,1'-Biphenyl, 3-...	14.92	4.2	ng/ul	871572	3	14.31	4192260	20.0
3-Trifluoromethyl...	15.18	2.9	ng/ul	609839	3	14.31	4192260	20.0
Dibenzofuran, 4-m...	15.82	2.5	ng/ul	588938	4	17.05	4631800	20.0
unknown-02	16.03	3.0	ng/ul	685298	4	17.05	4631800	20.0
9H-Fluorene, 2-me...	16.36	2.9	ng/ul	663337	4	17.05	4631800	20.0
9H-Fluorene, 9-me...	16.42	2.2	ng/ul	510367	4	17.05	4631800	20.0
9H-Fluoren-9-one	16.70	3.0	ng/ul	689493	4	17.05	4631800	20.0
unknown-03	16.79	2.2	ng/ul	513863	4	17.05	4631800	20.0
Dibenzothiophene	16.87	2.6	ng/ul	613397	4	17.05	4631800	20.0
unknown-04	17.25	3.0	ng/ul	694164	4	17.05	4631800	20.0
1-Methyldibenzoth...	17.63	2.5	ng/ul	574346	4	17.05	4631800	20.0
Phenanthrene, 2-m...	17.93	9.8	ng/ul	2277270	4	17.05	4631800	20.0
Anthracene, 2-met...	17.98	17.8	ng/ul	4126500	4	17.05	4631800	20.0
4H-Cyclopenta[def...	18.12	20.1	ng/ul	4659190	4	17.05	4631800	20.0
Anthracene, 9-met...	18.16	8.8	ng/ul	2044310	4	17.05	4631800	20.0
Naphthalene, 2-ph...	18.44	6.1	ng/ul	1408850	4	17.05	4631800	20.0
9,10-Anthracenedione	18.47	4.3	ng/ul	995803	4	17.05	4631800	20.0
Phenanthrene, 4,5...	18.69	4.5	ng/ul	1043310	4	17.05	4631800	20.0
di-p-Tolylacetylene	18.73	3.3	ng/ul	764593	4	17.05	4631800	20.0
Phenanthrene, 2,5...	18.77	3.1	ng/ul	729147	4	17.05	4631800	20.0
Phenanthrene, 2,7...	18.92	8.0	ng/ul	1853330	4	17.05	4631800	20.0
Pyrene, 2-methyl-	19.81	2.9	ng/ul	2727060	5	21.24	18711500	20.0
(DEL) Alkane: Str...	24.07	16.4	ng/ul	3072280	6	23.46	3752840	20.0