LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

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	3.169	28	31	38	rVB2	68376	91120	0.62%	0.045%
2	3.675	113	117	122	rVB	122388	152192	1.03%	0.075%
3	3.805	135	139	145	rVB	70614	106449	0.72%	0.052%
4	6.822	644	652	666	rVB	1139832	2023675	13.67%	0.996%
5	6.987	672	680	690	rBV	819374	1317208	8.90%	0.648%
6	7.181	706	713	722	rVB	1164974	1860389	12.57%	0.916%
7	7.310	728	735	745	rBV3	57402	128736	0.87%	0.063%
8	7.645	785	792	801	rVV	1504799	2344747	15.84%	1.154%
9	8.357	906	913	921	rBV	1349011	2203264	14.88%	1.085%
10	8.792	974	987	998	rBV	1036209	1780035	12.03%	0.876%
11	9.510	1102	1109	1117	rBV	840180	1426162	9.63%	0.702%
12	10.051	1195	1201	1213	rVB	1469607	2401375	16.22%	1.182%
13	10.428	1255	1265	1270	rBV	1960845	3283322	22.18%	1.616%
14	10.475	1270	1273	1281	rVB	204429	315036	2.13%	0.155%
15	10.563	1281	1288	1296	rBV	758515	1364114	9.22%	0.672%
16	11.657	1464	1474	1481	rBV9	28370	90135	0.61%	0.044%
17	11.945	1517	1523	1532	rVV4	63994	183944	1.24%	0.091%
18	12.098	1543	1549	1554	rVB	125738	205856	1.39%	0.101%
19	12.316	1582	1586	1593	rVB	115332	184582	1.25%	0.091%
20	13.122	1719	1723	1731	rVB2	59088	117195	0.79%	0.058%
21	13.457	1774	1780	1781	rBV2	52257	76677	0.52%	0.038%
22	13.527	1788	1792	1797	rBV	61101	100659	0.68%	0.050%
23	13.616	1801	1807	1812	rVV2	137758	250513	1.69%	0.123%
24	13.669	1812	1816	1818	rVV2	71471	100958	0.68%	0.050%
25	13.710	1818	1823	1827	rVV	2473634	3462815	23.39%	1.705%
26	13.757	1827	1831	1836	rVV	1168085	1660260	11.22%	0.817%
27	13.851	1843	1847	1851	rBV	69964	107609	0.73%	0.053%
28	13.980	1862	1869	1881	rBV2	2996284	5626066	38.01%	2.770%
29	14.292	1914	1922	1928	rBV	2992921	4479850	30.26%	2.205%
30	14.357	1928	1933	1941	rVB	215426	364493	2.46%	0.179%
31	14.492	1951	1956	1966	rBV	890557	1476375	9.97%	0.727%
32	14.698	1985	1991	2000	rVB4	177430	482195	3.26%	0.237%
33	14.774	2000	2004	2009	rVB	90392	130631	0.88%	0.064%
34	14.910	2021	2027	2032	rBV4	115197	295112	1.99%	0.145%

LSC Area Percent Report

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Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

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	15.074	2050	2055	2056	rBV3	51629	83880	0.57%	0.041%
36	15.169	2067	2071	2076	rVB3	162617	249984	1.69%	0.123%
37	15.286	2085	2091	2097	rBV	3685217	5442847	36.77%	2.679%
38	15.345	2097	2101	2107	rVB2	235669	370167	2.50%	0.182%
39	15.410	2107	2112	2119	rBV	764890	1041329	7.03%	0.513%
40	15.639	2146	2151	2155	rBV	132640	217632	1.47%	0.107%
41	15.792	2172	2177	2184	rVB2	150225	322192	2.18%	0.159%
42	15.868	2186	2190	2196	rVB6	41793	87725	0.59%	0.043%
43	16.021	2211	2216	2221	rVV7	136385	313588	2.12%	0.154%
44	16.068	2221	2224	2228	rVB2	90138	121382	0.82%	0.060%
45	16.351	2266	2272	2277	rBV6	114275	264472	1.79%	0.130%
46	16.398	2277	2280	2283	rVV2	74944	99827	0.67%	0.049%
47	16.580	2309	2311	2314	rBV2	62374	68319	0.46%	0.034%
48	16.621	2314	2318	2323	rVB2	166332	215429	1.46%	0.106%
49	16.692	2326	2330	2339	rVB	266683	447142	3.02%	0.220%
50	16.780	2341	2345	2346	rBV2	112322	139322	0.94%	0.069%
51	16.857	2354	2358	2361	rVB	178582	215689	1.46%	0.106%
52	17.039	2383	2389	2392	rBV2	3641683	5148495	34.78%	2.534%
53	17.080	2392	2396	2401	rVV	4883365	6748136	45.59%	3.322%
54	17.139	2401	2406	2409	rVV	4047821	5975665	40.37%	2.942%
55	17.168	2409	2411	2417	rVV	1073943	1376293	9.30%	0.678%
56	17.233	2419	2422	2428	rVB3	136201	234109	1.58%	0.115%
57	17.439	2454	2457	2462	rVB	238032	314966	2.13%	0.155%
58	17.562	2476	2478	2482	rVB2	150838	178206	1.20%	0.088%
59	17.621	2485	2488	2492	rVB2	193857	242990	1.64%	0.120%
60	17.915	2534	2538	2542	rBV	841200	1159410	7.83%	0.571%
61	17.962	2542	2546	2554	rVV	1631584	2409702	16.28%	1.186%
62	18.045	2557	2560	2564	rVV	459733	687316	4.64%	0.338%
63	18.104	2565	2570	2574	rVV3	1249161	2312195	15.62%	1.138%
64	18.145	2575	2577	2587	rVB	749670	1020599	6.89%	0.502%
65	18.421	2620	2624	2627	rBV	586832	732535	4.95%	0.361%
66	18.457	2627	2630	2637	rVB2	567425	797309	5.39%	0.392%
67	18.674	2663	2667	2671	rVB2	423042	563012	3.80%	0.277%
68	18.721	2672	2675	2678	rBV	221175	282506	1.91%	0.139%
69	18.845	2691	2696	2700	rBV2	812053	1339449	9.05%	0.659%
70	18.904	2701	2706	2709	rVV2	454013	766399	5.18%	0.377%
71	18.933	2709	2711	2714	rVB	325692	319385	2.16%	0.157%

LSC Area Percent Report

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Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

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	18.980	2714	2719	2726	rBV4	646607	1201429	8.12%	0.591%
73	19.104	2735	2740	2746	rVB	8282338	10802041	72.97%	5.318%
74	19.168	2747	2751	2755	rBV	1031572	1484199	10.03%	0.731%
75	19.251	2761	2765	2769	rBV	829421	1203518	8.13%	0.592%
76	19.439	2792	2797	2799	rBV	6155395	8939180	60.39%	4.401%
77	19.468	2799	2802	2811	rVB	7672621	10229770	69.11%	5.036%
78	19.645	2829	2832	2836	rBV	485484	585663	3.96%	0.288%
79	19.792	2854	2857	2869	rVB7	848065	2249034	15.19%	1.107%
80	19.892	2871	2874	2877	rBV2	537066	661479	4.47%	0.326%
81	19.962	2884	2886	2892	rVB2	1578751	2138650	14.45%	1.053%
82	20.068	2901	2904	2907	rVB	552960	648454	4.38%	0.319%
83	20.121	2910	2913	2917	rVB2	983612	1312817	8.87%	0.646%
84	20.221	2927	2930	2932	rBV	562644	658197	4.45%	0.324%
85	20.303	2941	2944	2950	rBV	725678	994784	6.72%	0.490%
86	20.715	3010	3014	3020	rVB	1252345	1851088	12.51%	0.911%
87	20.915	3046	3048	3052	rVB	786472	769222	5.20%	0.379%
88	20.968	3052	3057	3062	rBV4	3123171	5312374	35.89%	2.615%
89	21.227	3095	3101	3105	rBV2	7302215	14802450	100.00%	7.287%
90	21.268	3105	3108	3116	rVB	5689460	7332588	49.54%	3.610%
91	21.421	3131	3134	3143	rVB3	1211864	1850938	12.50%	0.911%
92	21.856	3205	3208	3218	rVB4	3579884	7293132	49.27%	3.590%
93	22.309	3282	3285	3289	rVB	1967369	2394616	16.18%	1.179%
94	22.786	3360	3366	3368	rBV	4107769	7490613	50.60%	3.687%
95	23.250	3441	3445	3449	rBV	2079618	3358341	22.69%	1.653%
96	23.297	3449	3453	3457	rBV	3265286	5315760	35.91%	2.617%
97	23.344	3457	3461	3465	rVV	2715134	3848563	26.00%	1.895%
98	23.439	3472	3477	3482	rBV	3443166	5713459	38.60%	2.813%
99	24.021	3573	3576	3583	rVB	1666309	2971729	20.08%	1.463%
100	25.650	3848	3853	3866	rVB	2388890	7220451	48.78%	3.554%

Sum of corrected areas: 203137891

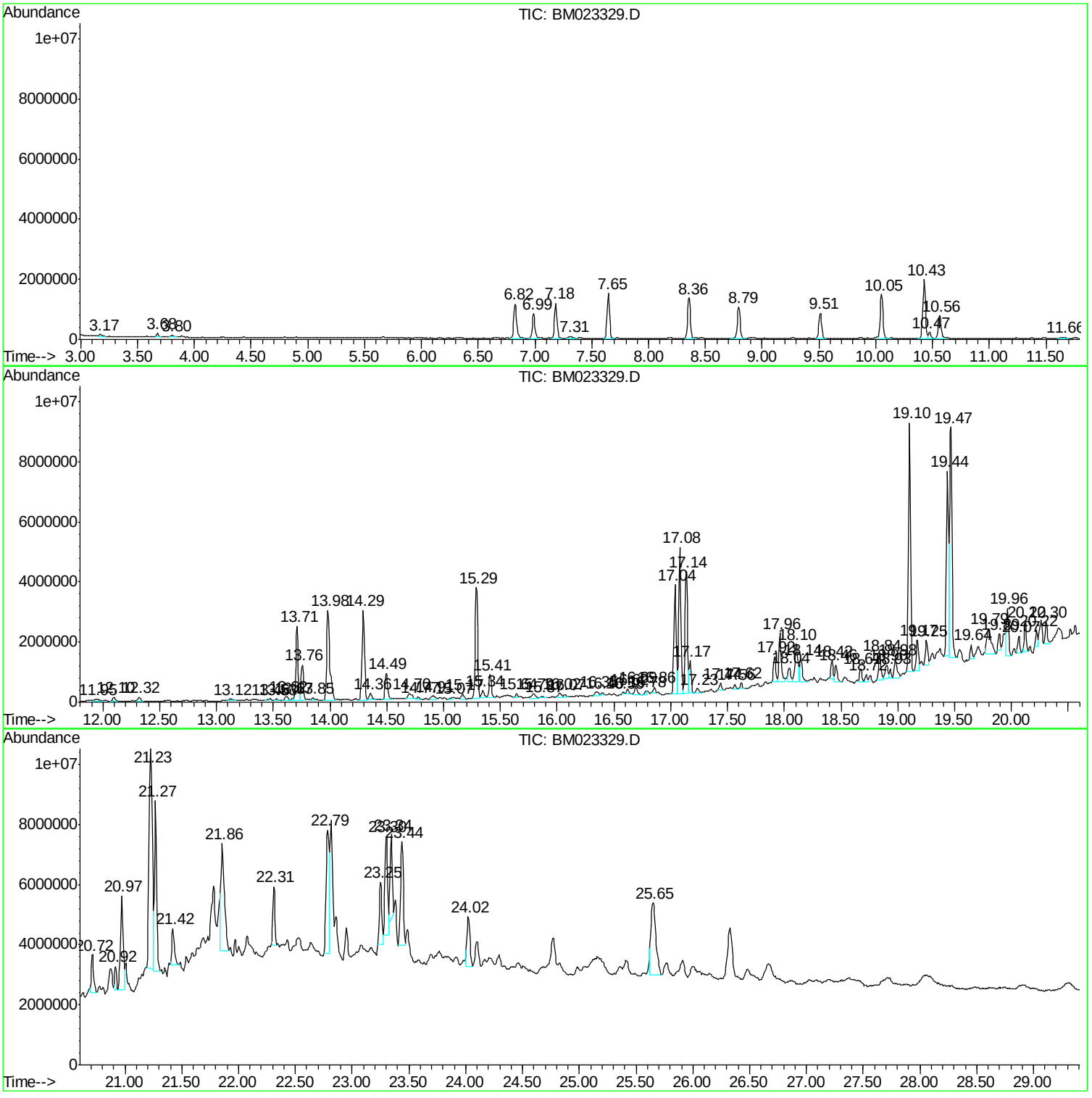
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

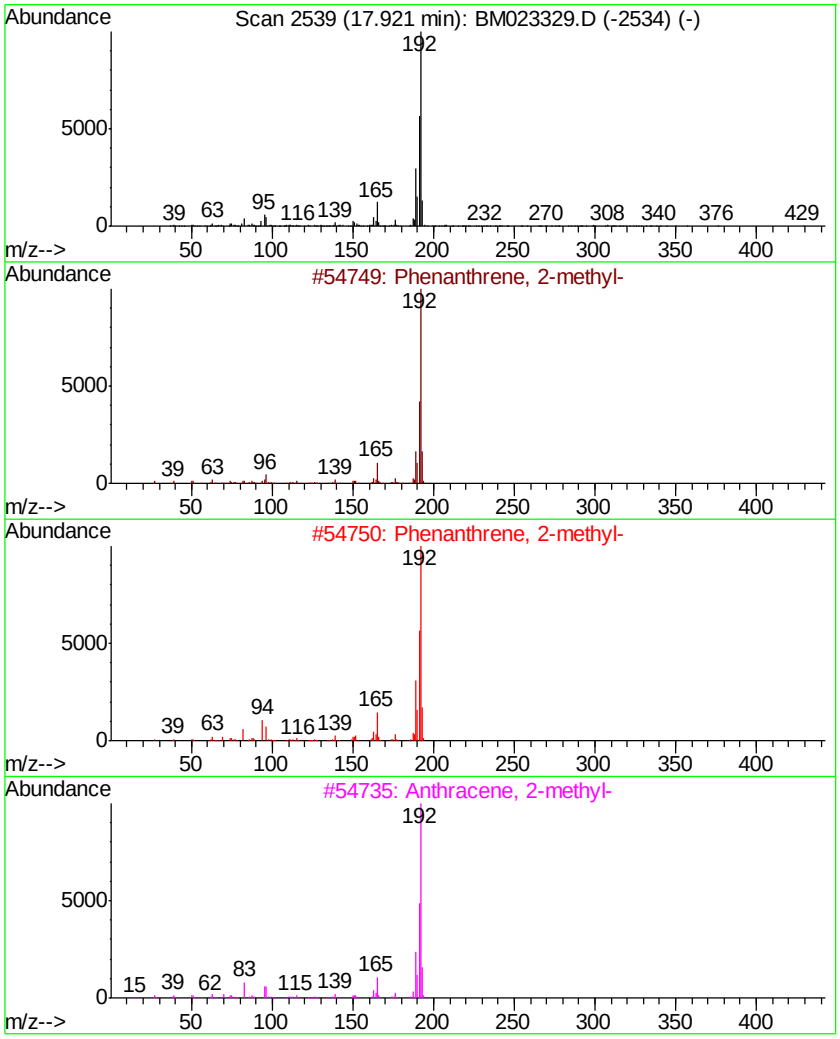
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

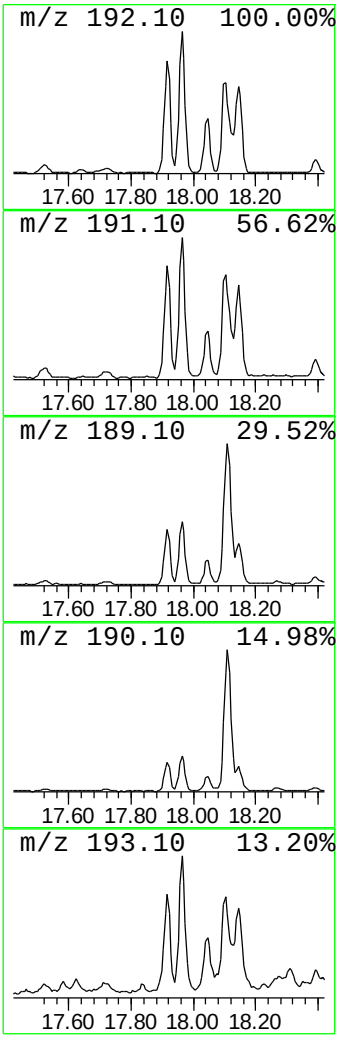
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.50 ng/ul	1159410	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

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

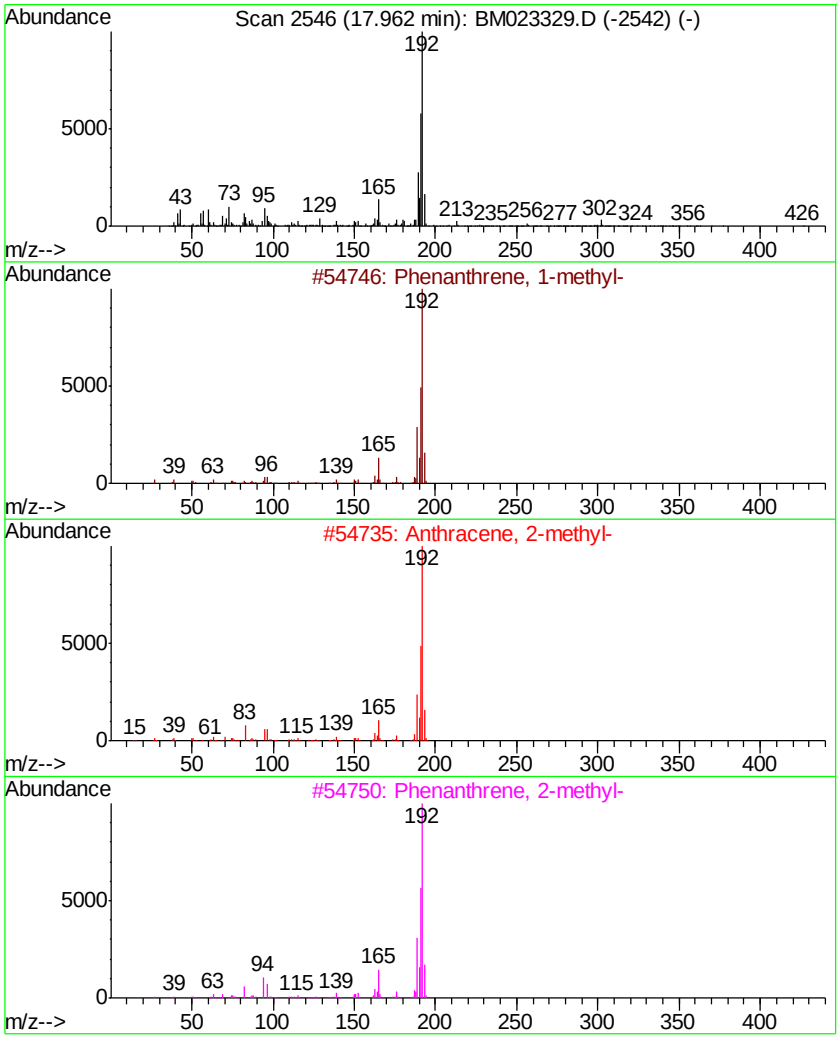
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

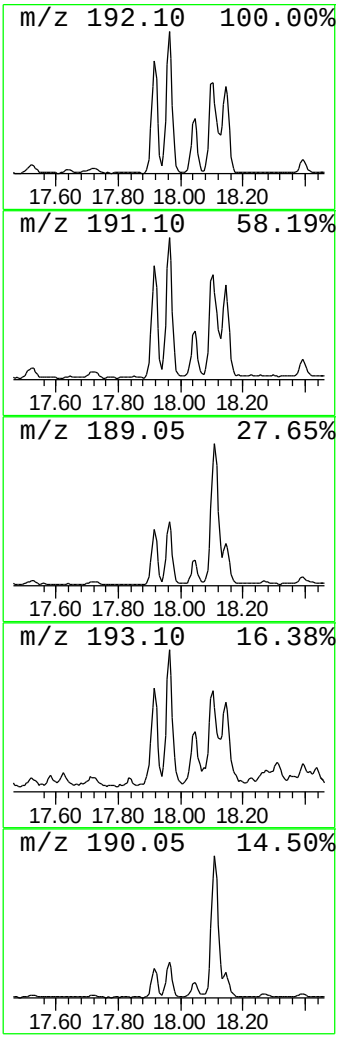
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	9.36 ng/ul	2409700	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023329.D
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Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

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

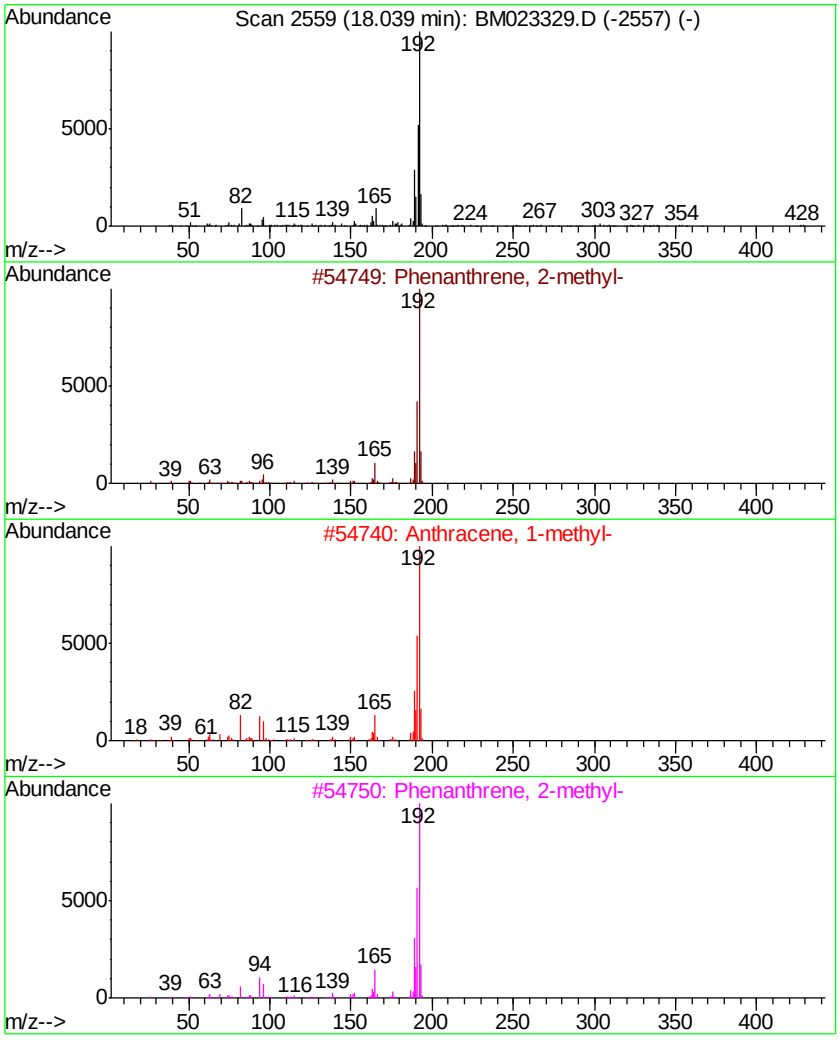
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

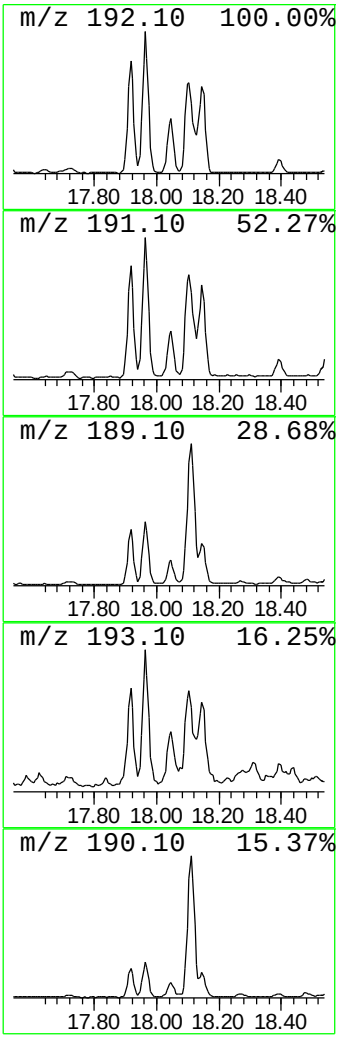
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.67 ng/ul	687316	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

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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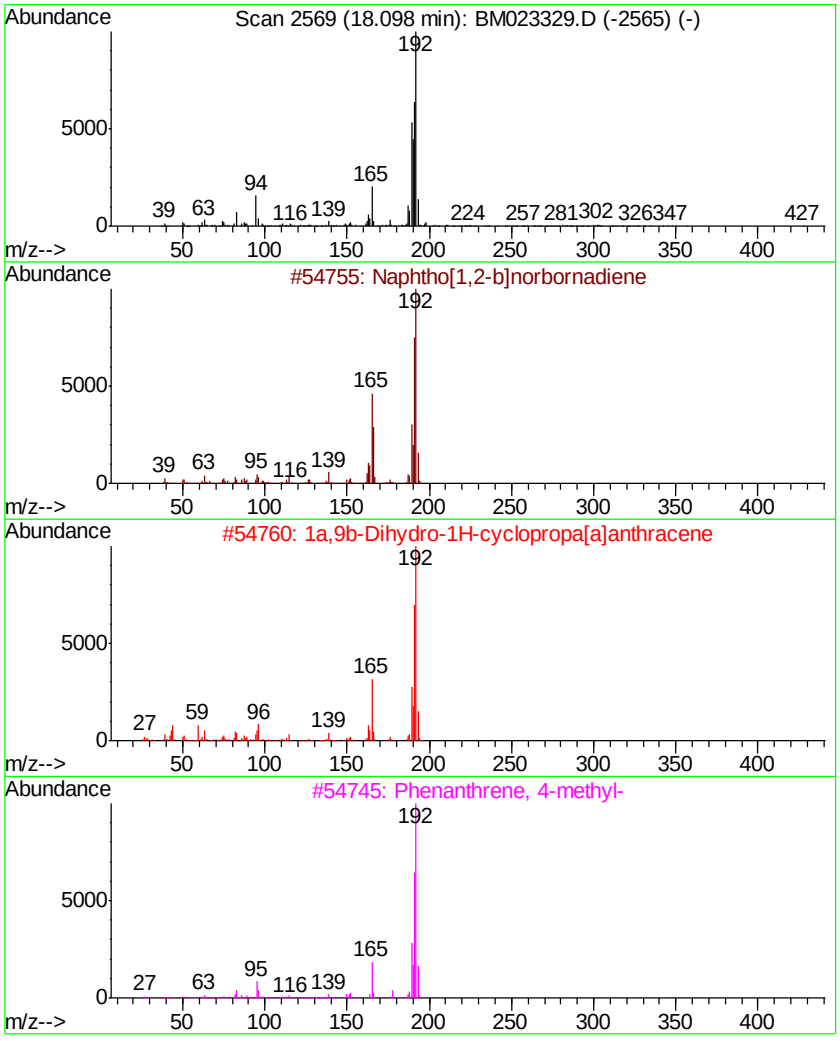
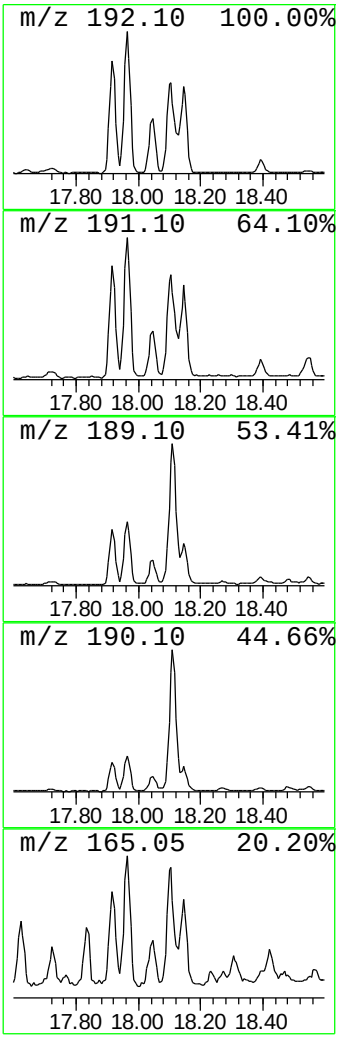
Peak Number 4 Naphtho[1,2-b]norbornadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	8.98 ng/ul	2312200	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	64
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46





Library Search Compound Report

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Data File : BM023329.D
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Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

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

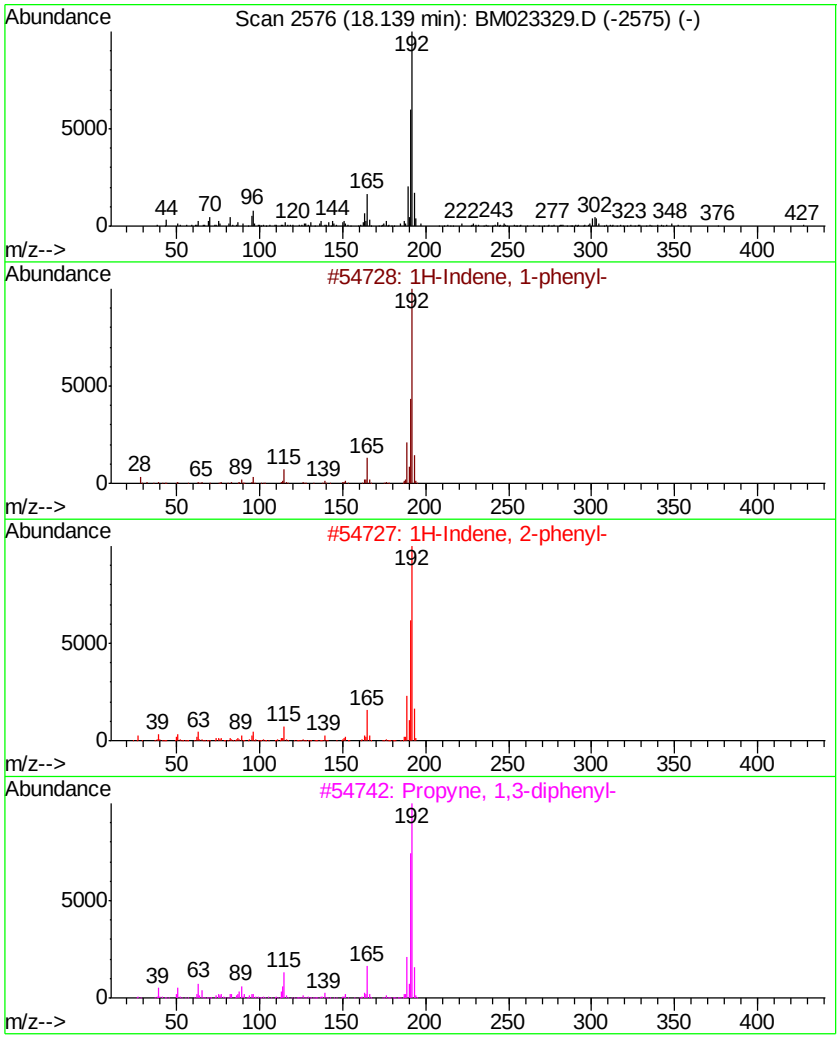
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

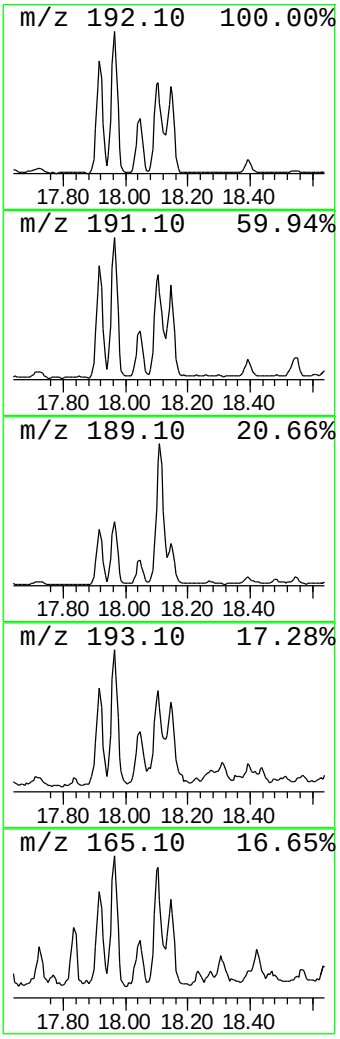
****

Peak Number 5 1H-Indene, 1-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	3.96 ng/ul	1020600	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	81
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76





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ClientSampleId : BFB84

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Quant Title : SVOA CALIBRATION

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

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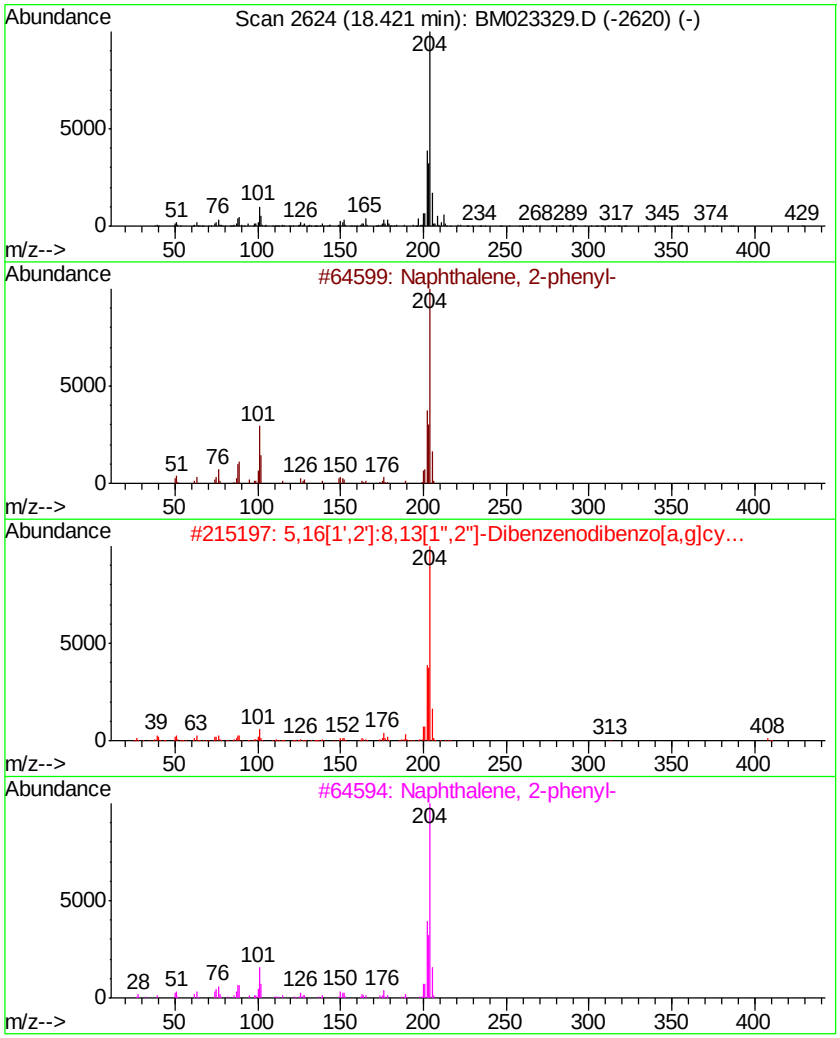
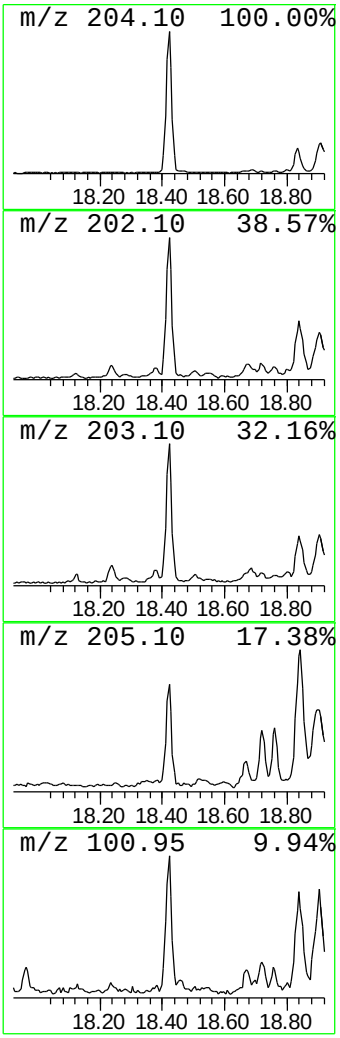
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.85 ng/ul	732535	Phenanthrene-d10	17.04

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	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Quant Title : SVOA CALIBRATION

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

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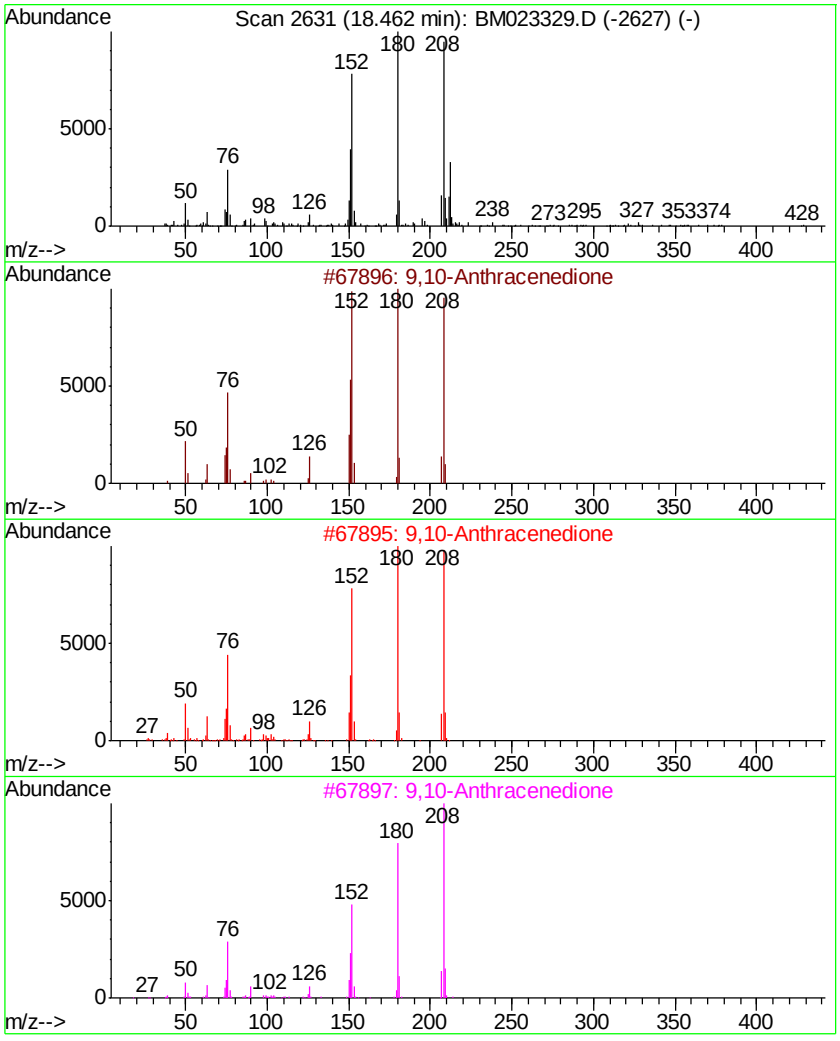
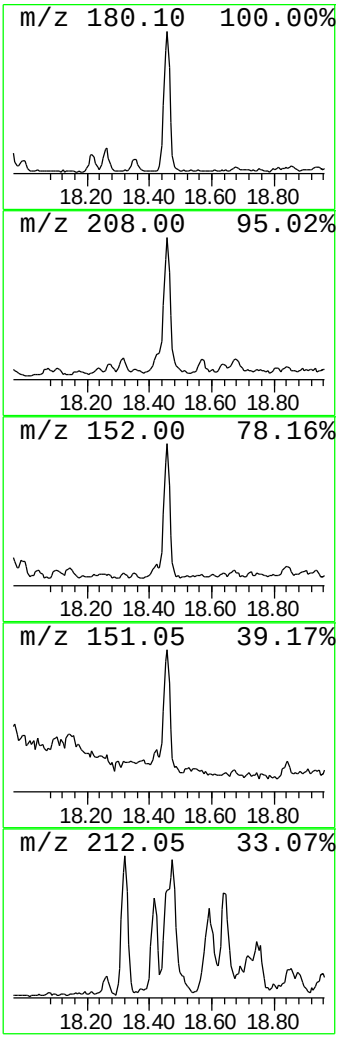
Peak Number 7 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	3.10 ng/ul	797309	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Quant Title : SVOA CALIBRATION

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

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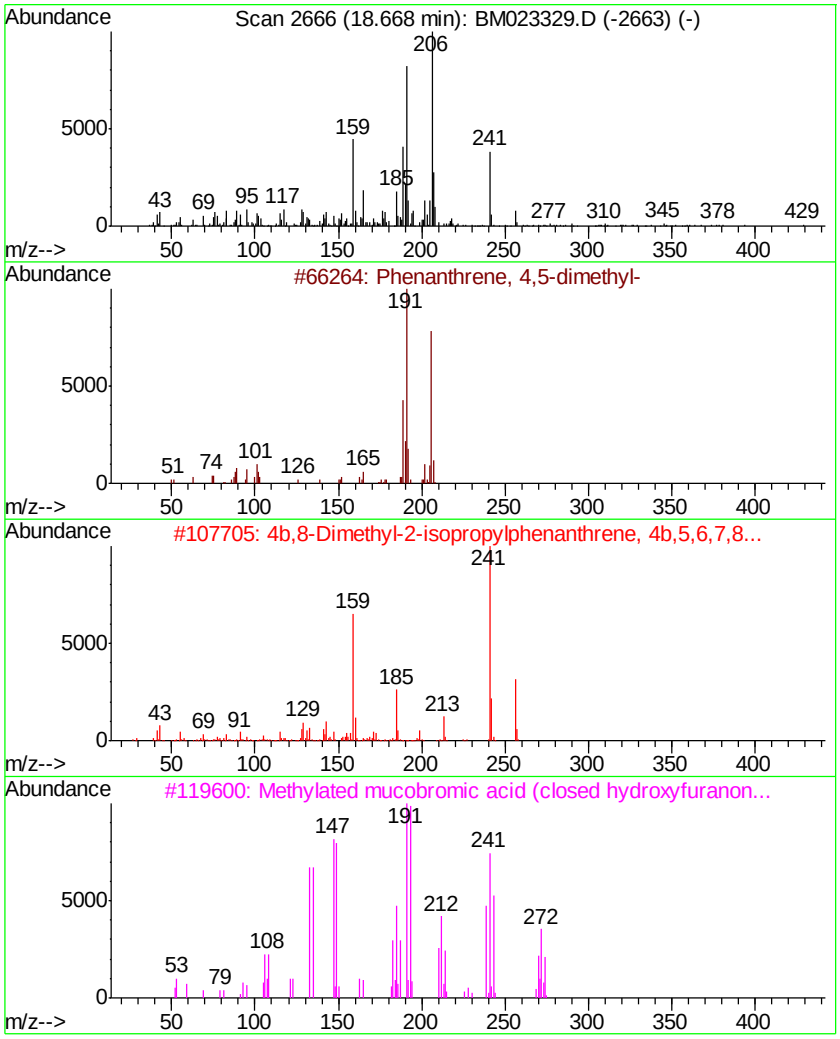
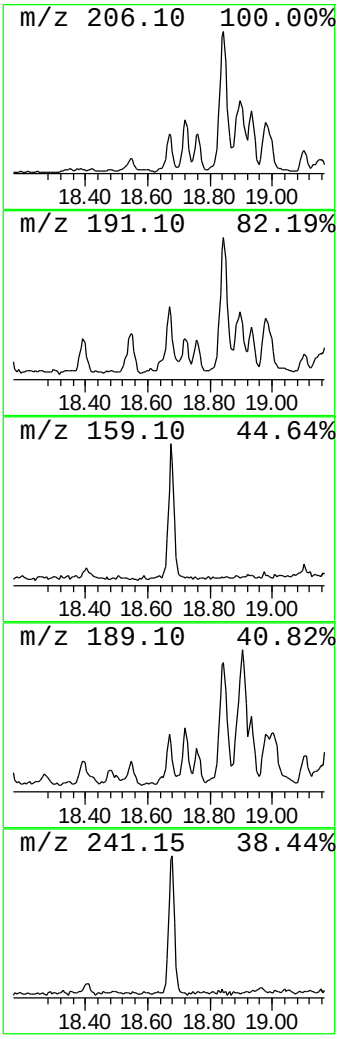
Peak Number 8 Phenanthrene, 4,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.19 ng/ul	563012	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
2	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	72
3	Methylated mucobromic acid (clos...	270	C5H4Br2O3	1000288-27-4	56
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	53
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	50





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Quant Title : SVOA CALIBRATION

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

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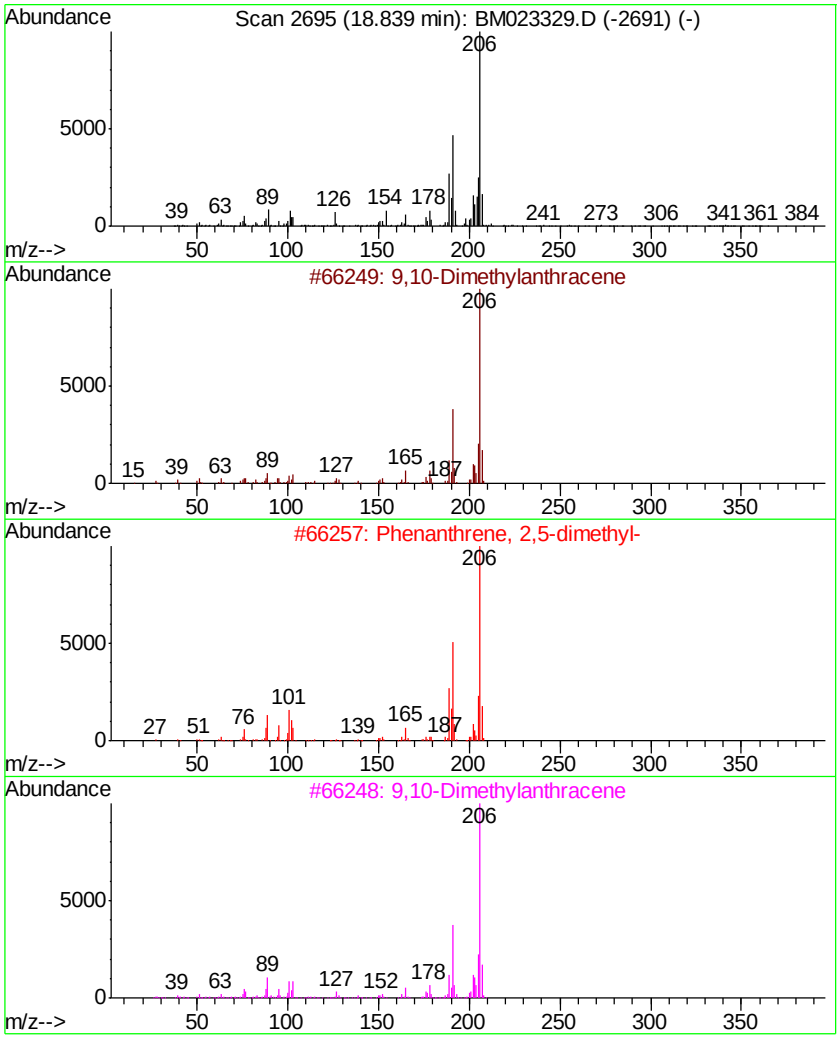
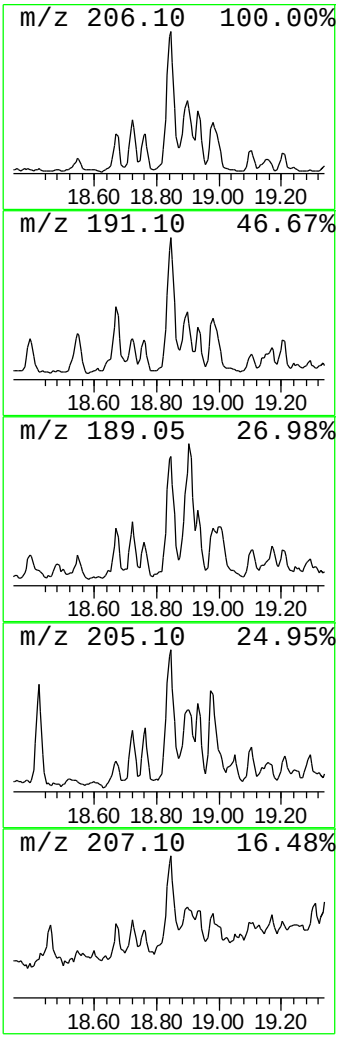
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	5.20 ng/ul	1339450	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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Quant Title : SVOA CALIBRATION

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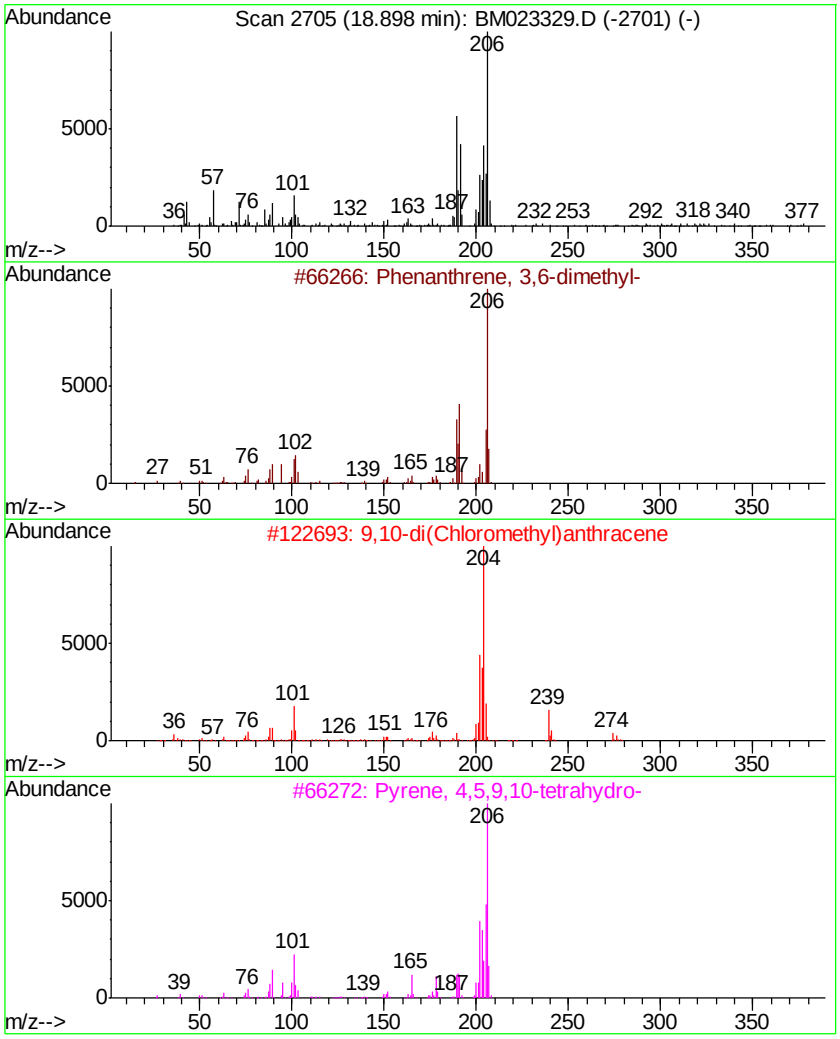
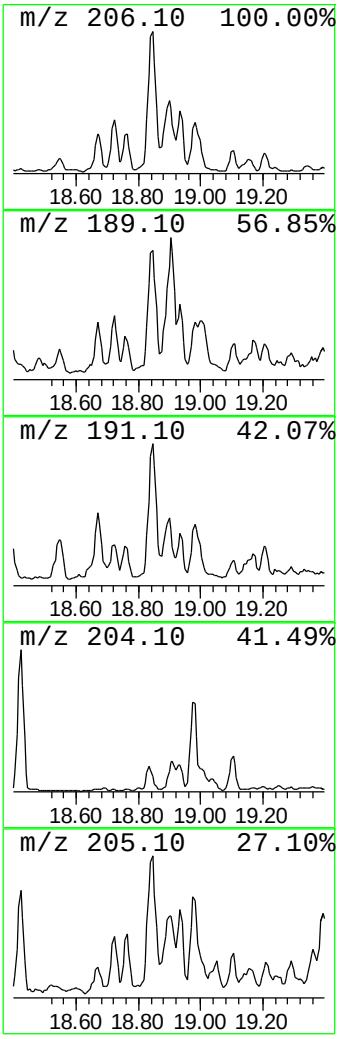
Peak Number 10 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.98 ng/ul	766399	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	41
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	41
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	35
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35





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Quant Title : SVOA CALIBRATION

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

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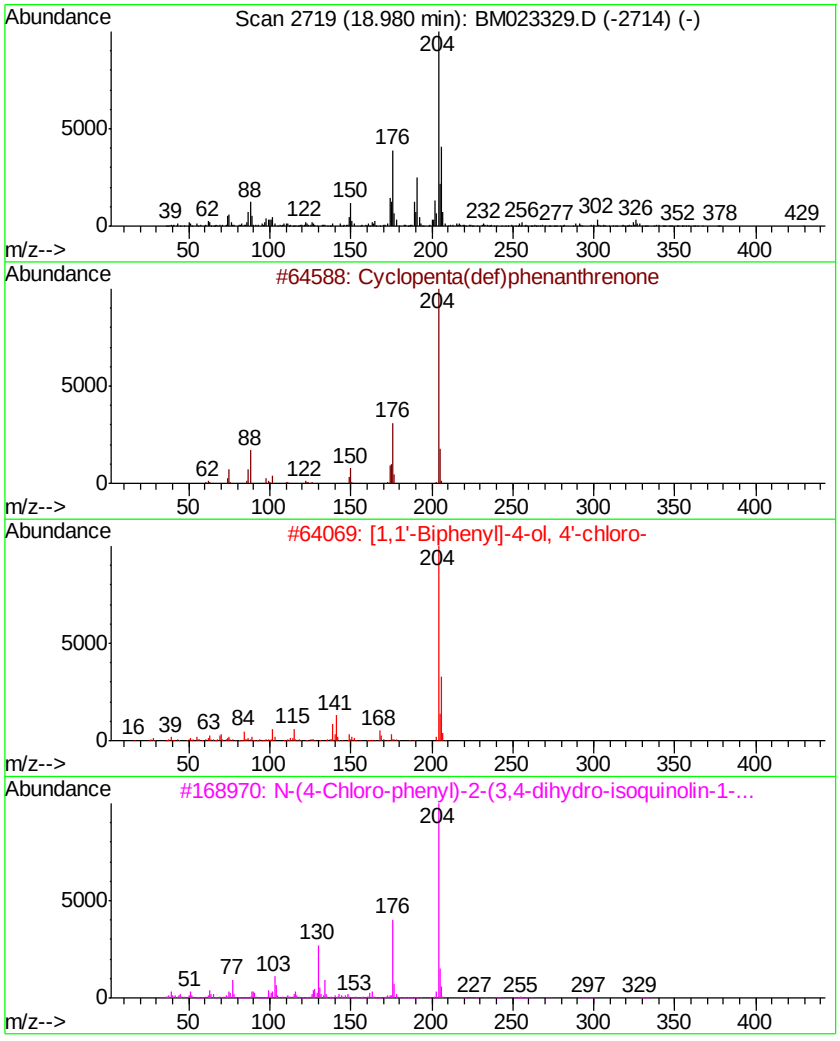
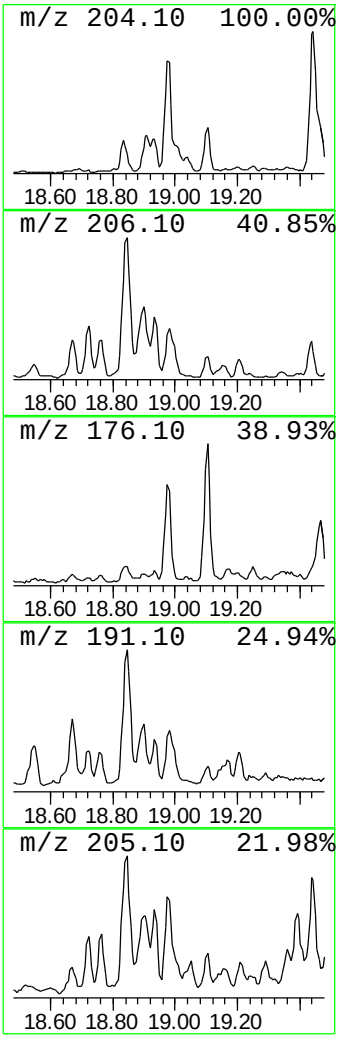
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	4.67 ng/ul	1201430	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





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Quant Title : SVOA CALIBRATION

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

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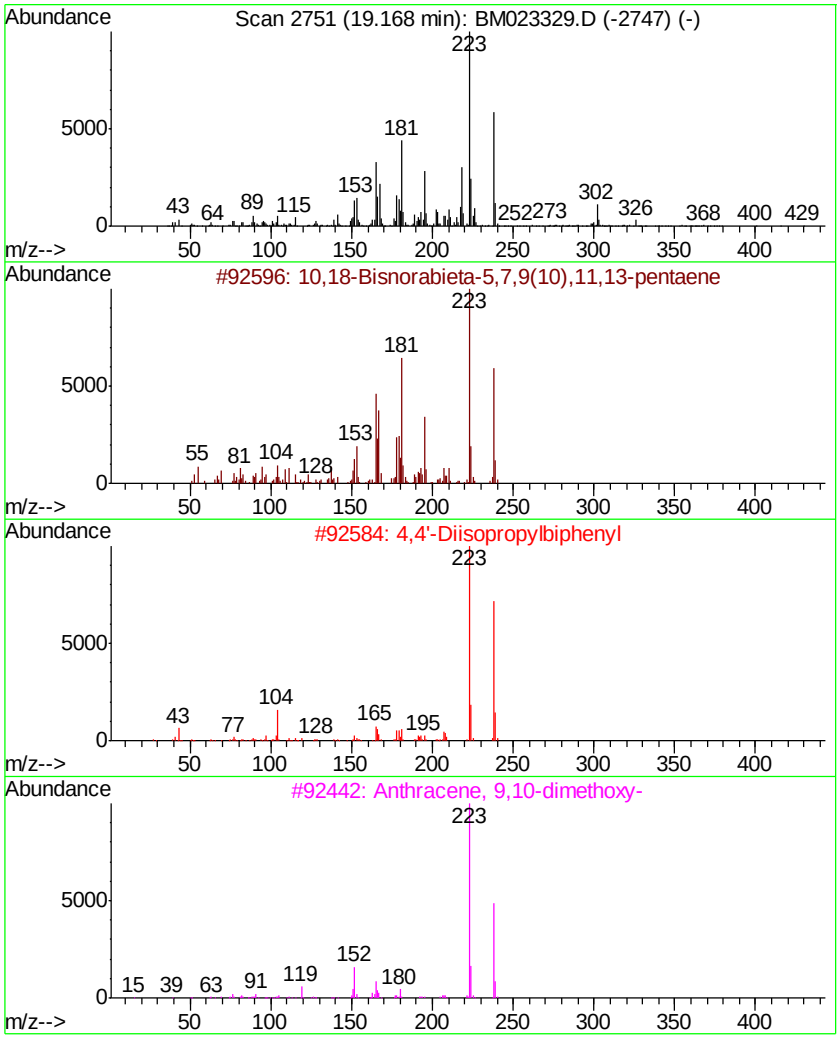
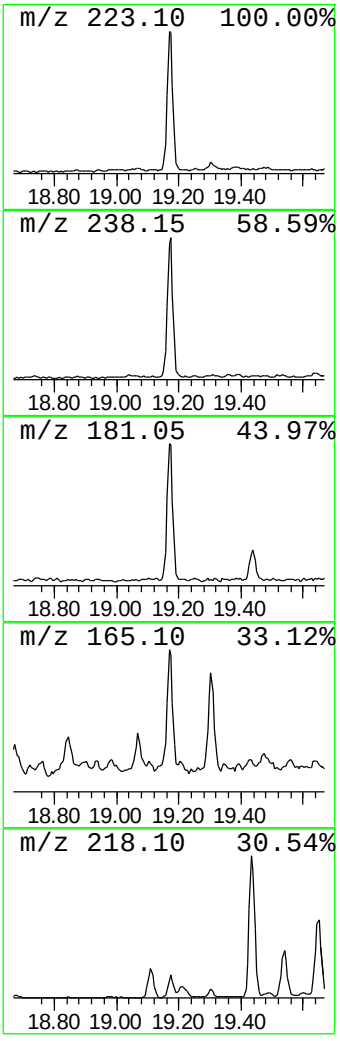
Peak Number 12 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.01 ng/ul	1484200	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	64
3	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	55
4	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	50
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	49





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Quant Title : SVOA CALIBRATION

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

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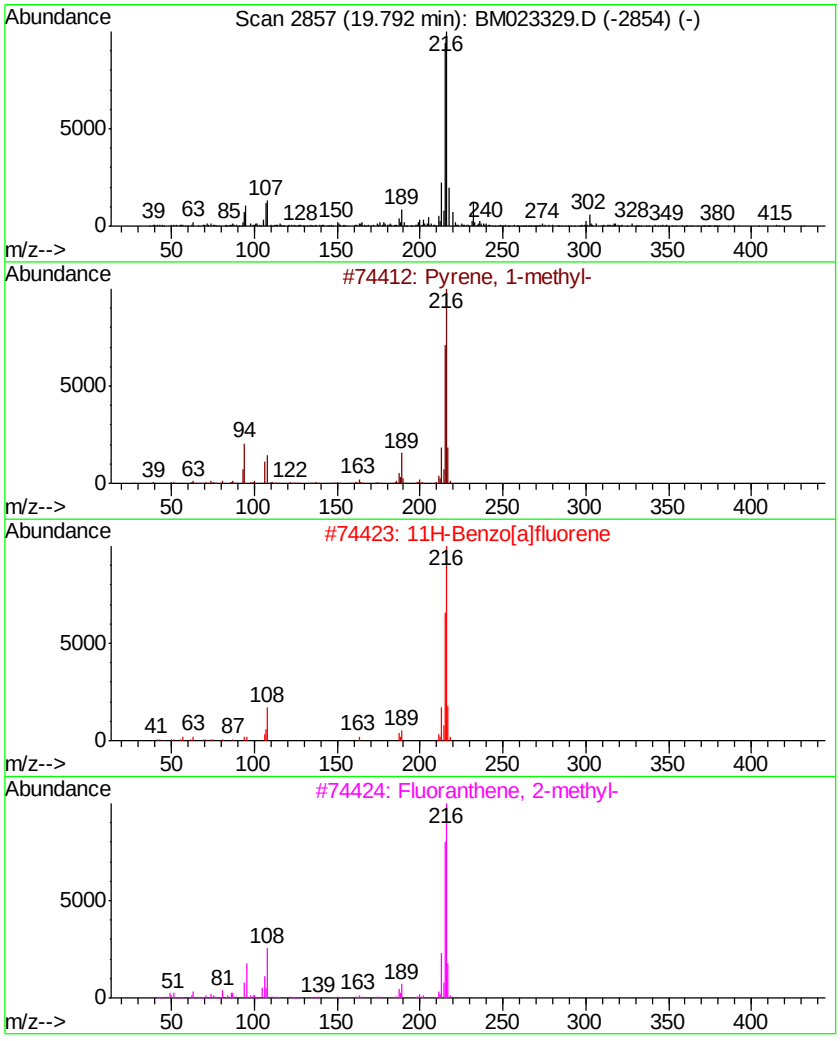
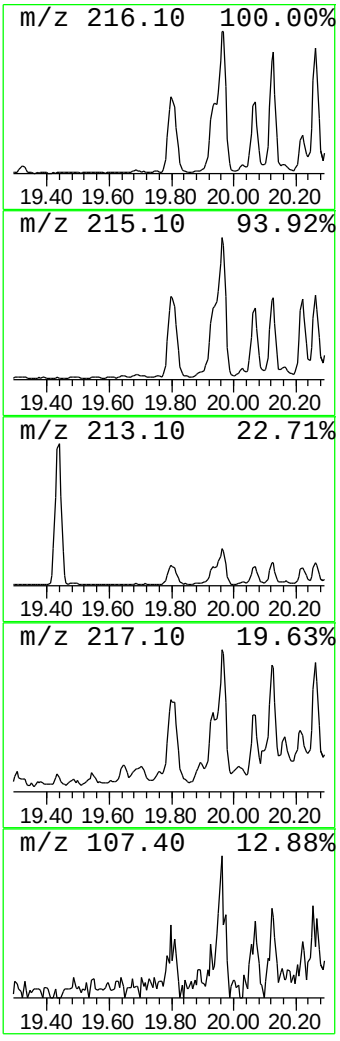
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	3.04 ng/ul	2249030	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72





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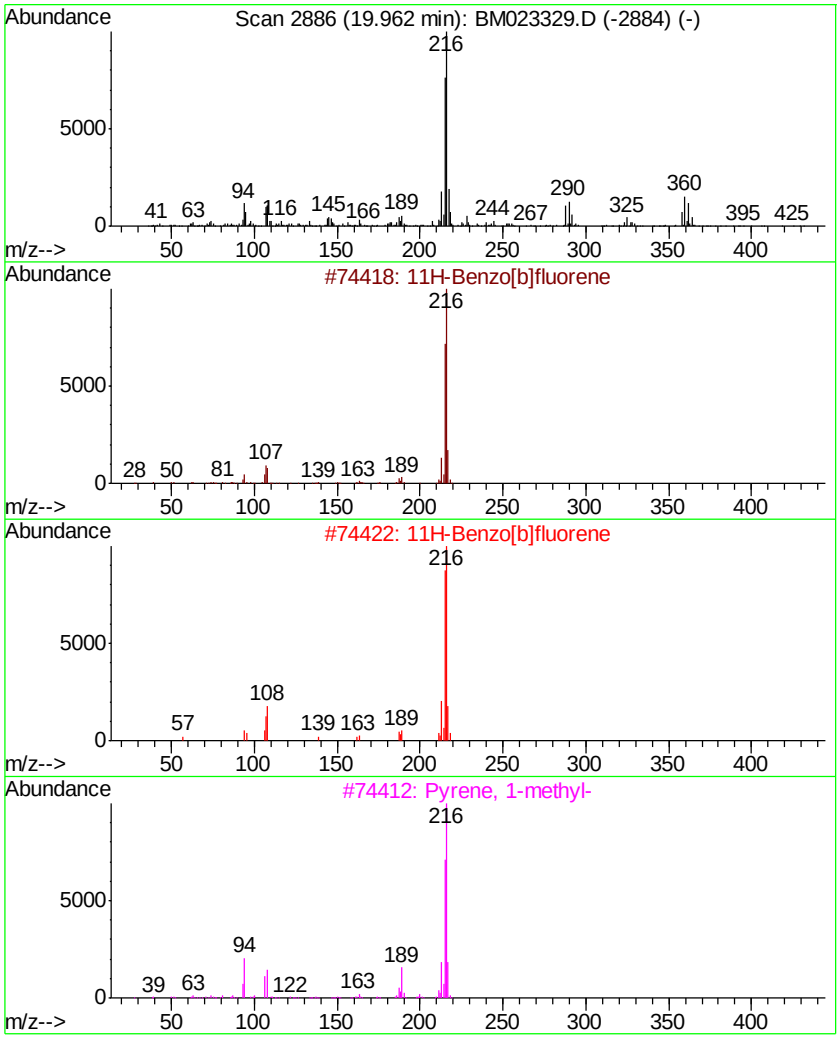
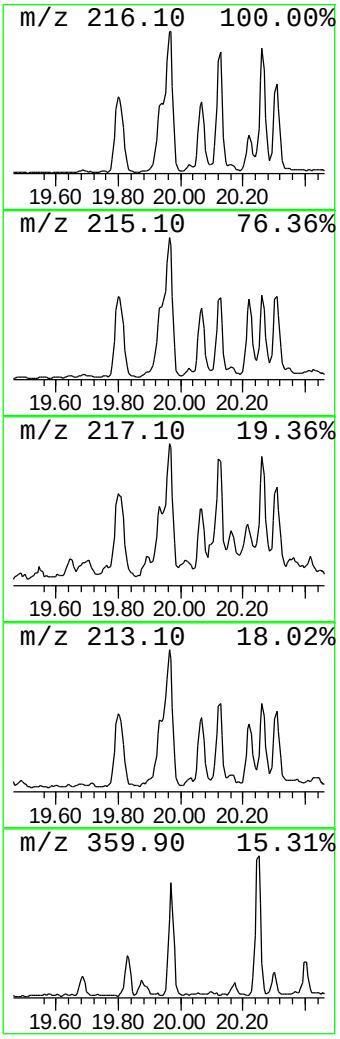
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.89 ng/ul	2138650	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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Quant Title : SVOA CALIBRATION

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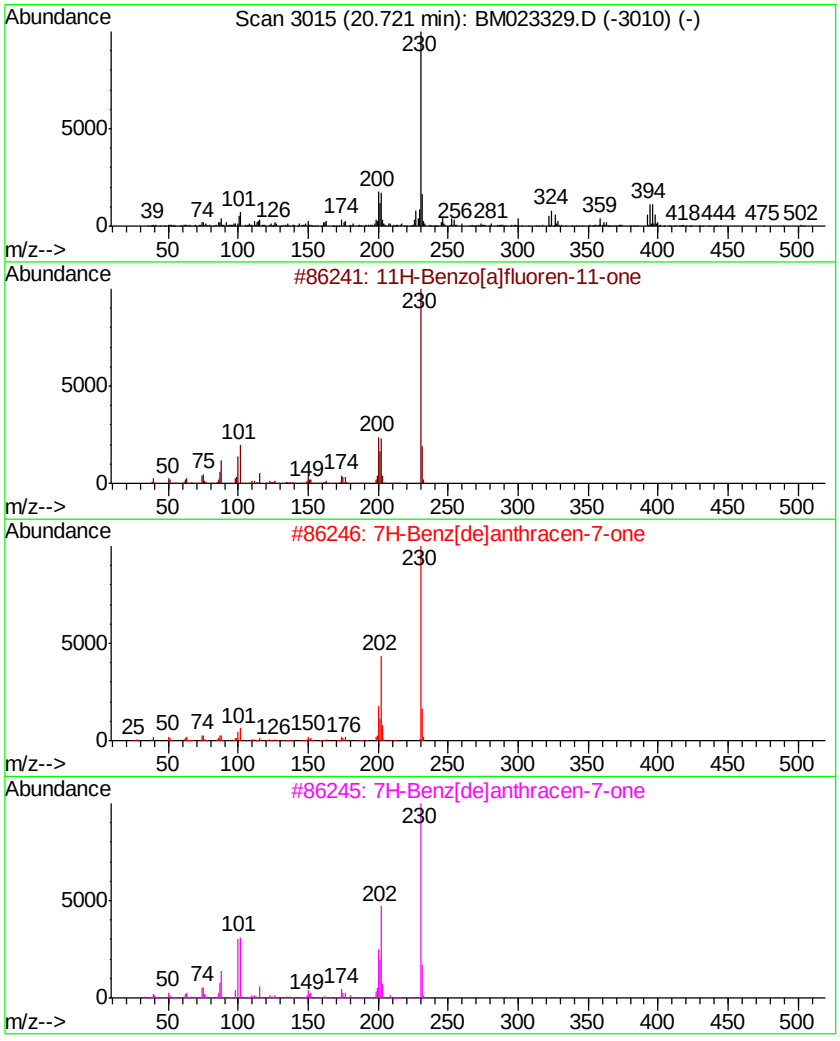
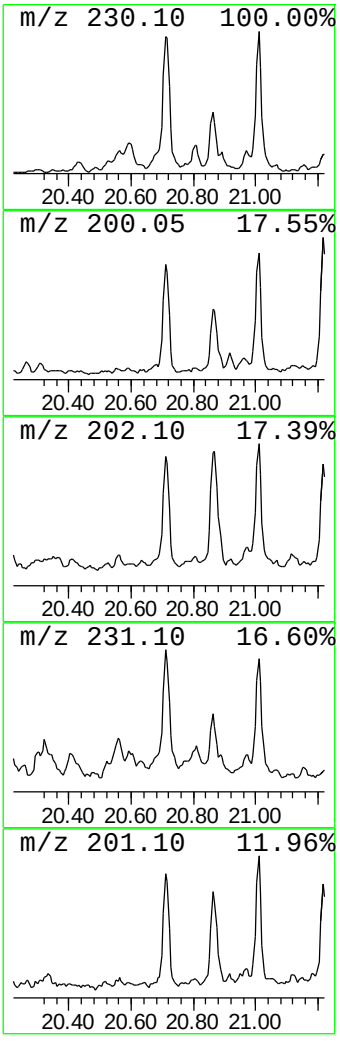
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	2.50 ng/ul	1851090	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	53
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53





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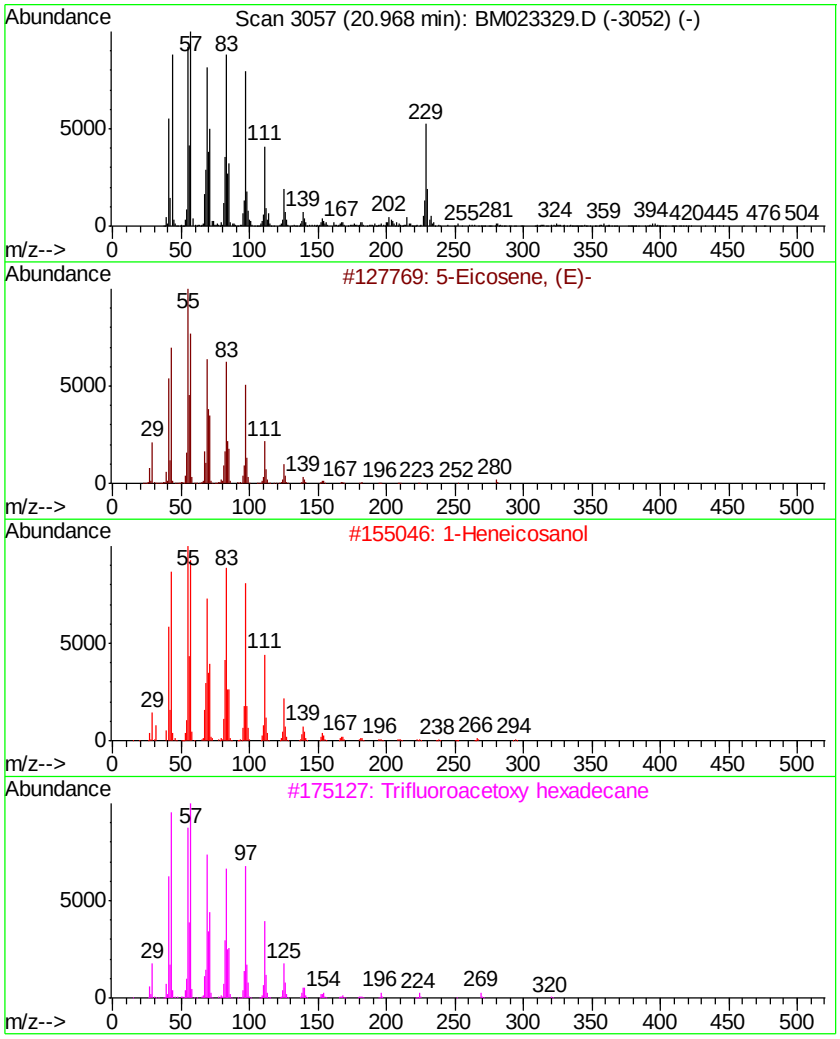
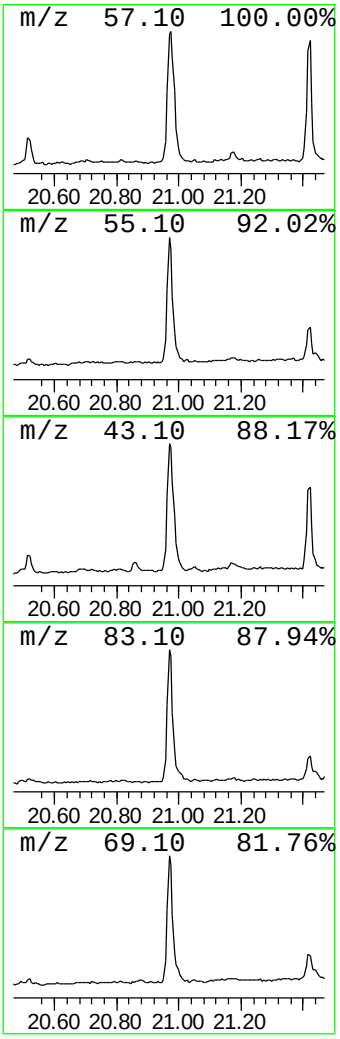
Peak Number 16 (DEL) Alkane: Cyclic20.97 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	7.18 ng/ul	5312370	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	87
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87





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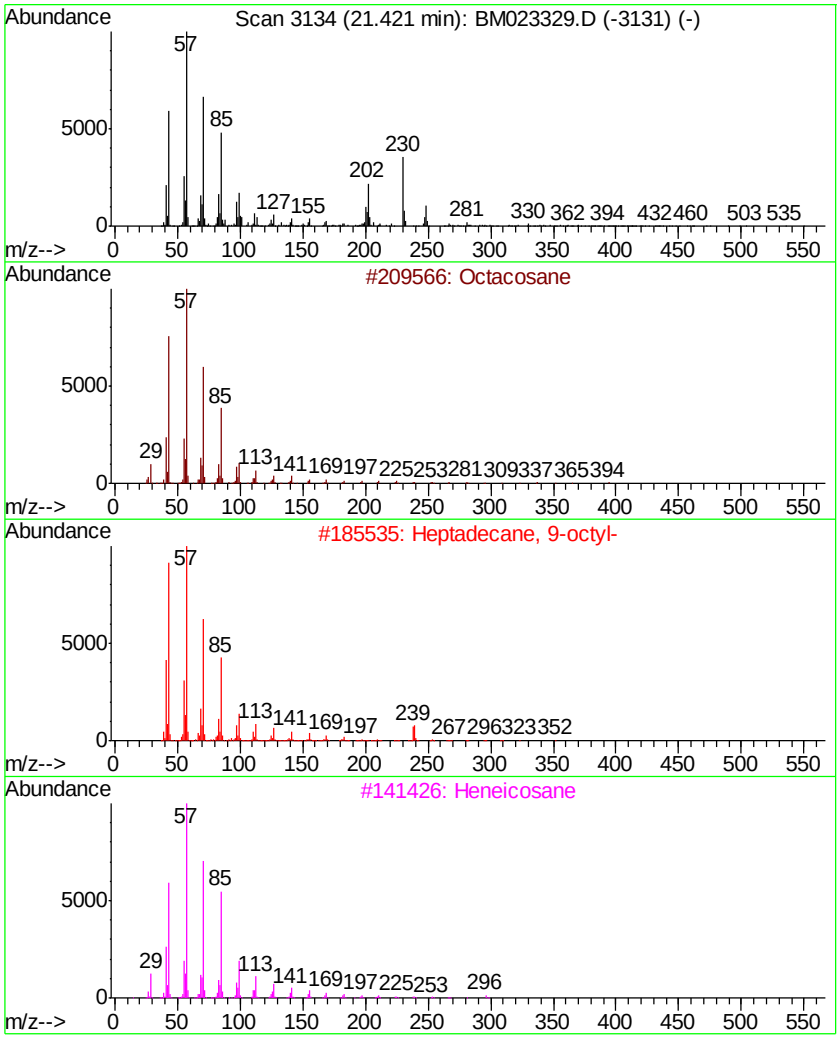
Quant Title : SVOA CALIBRATION

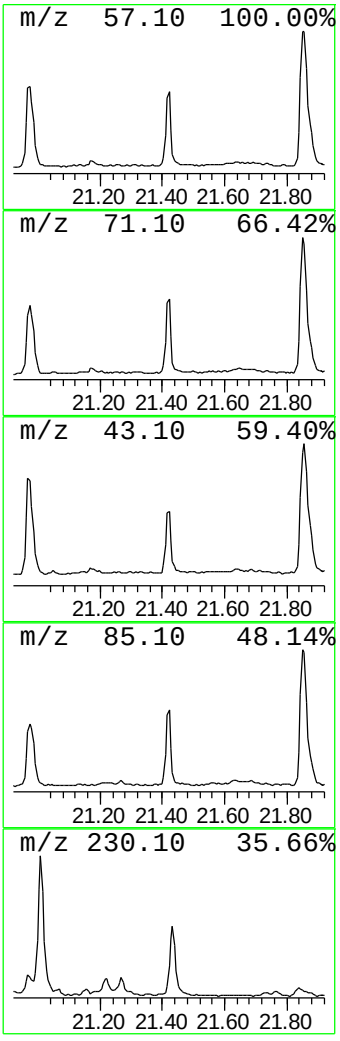
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.50 ng/ul	1850940	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Heptadecane	240	C17H36	000629-78-7	78
5	Tetradecane	198	C14H30	000629-59-4	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

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

TIC Library : C:\DATABASE\NIST11.L
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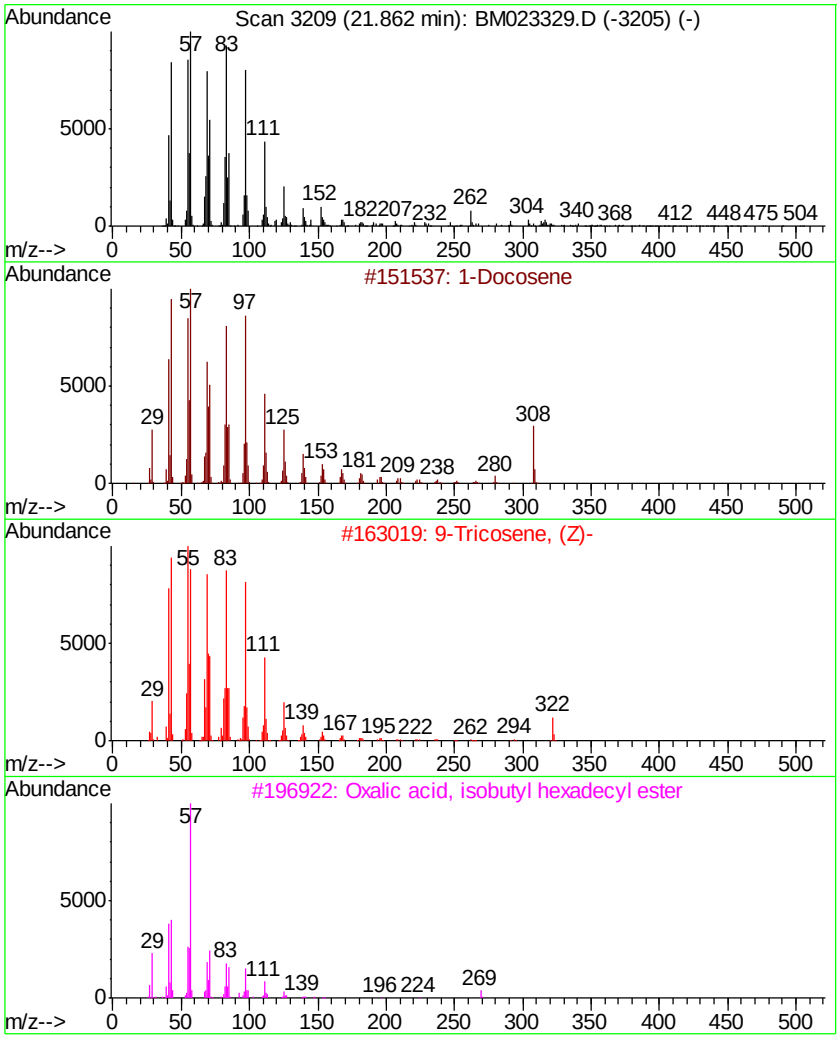
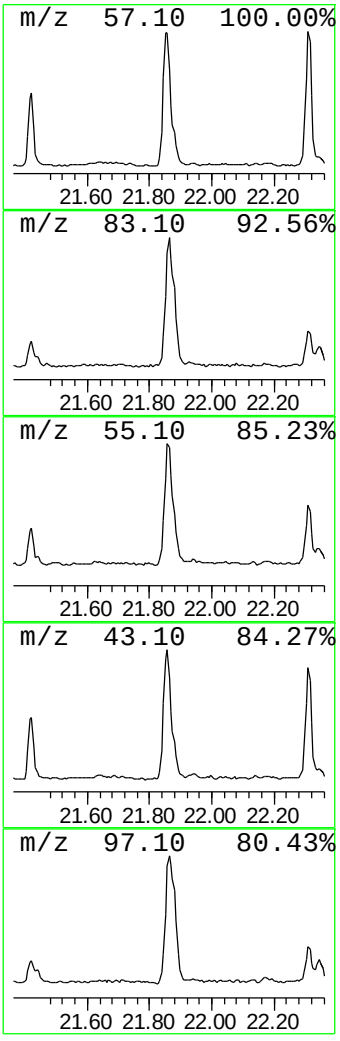
****

Peak Number 18 (DEL) Alkane: Cyclic21.86 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	9.85 ng/ul	7293130	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	89
5	1-Hexacosanol	382	C26H54O	000506-52-5	87





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Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

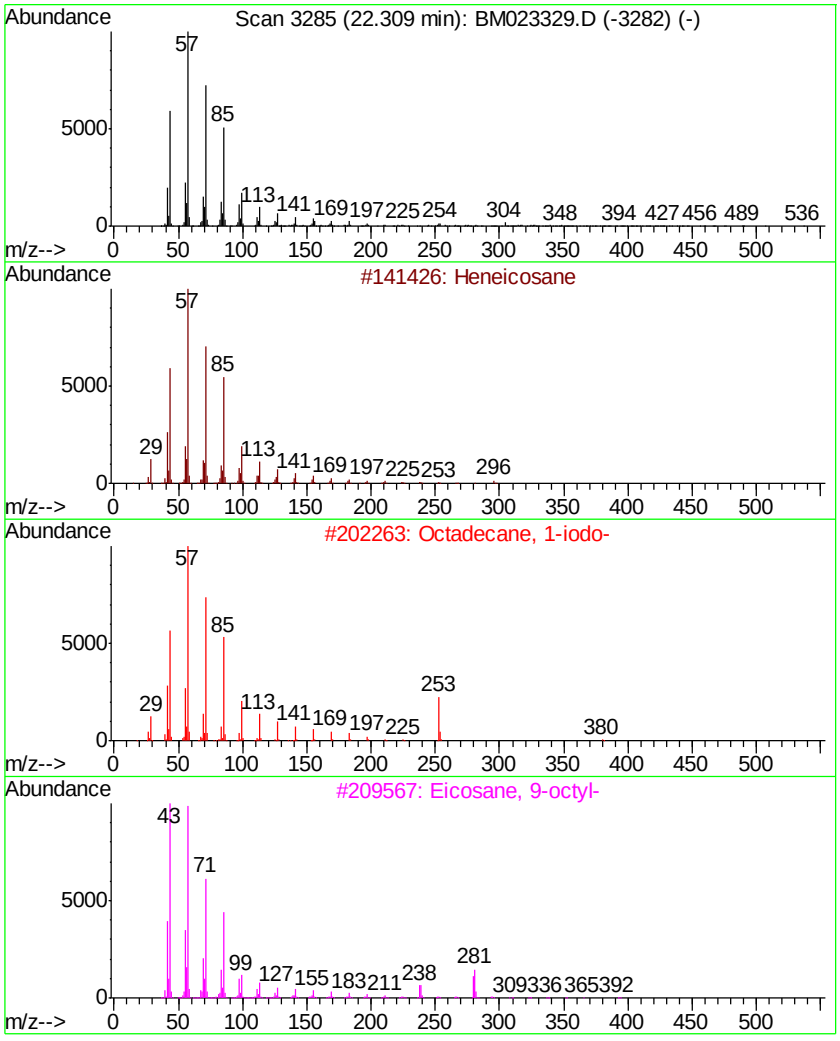
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

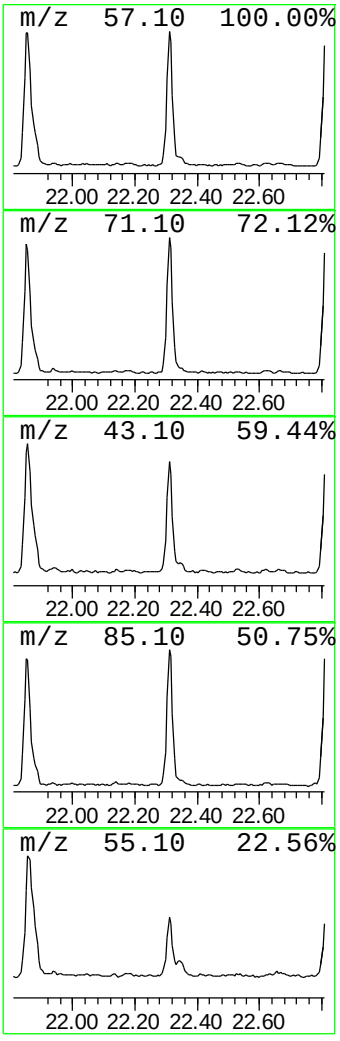
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	3.24 ng/ul	2394620	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	97
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

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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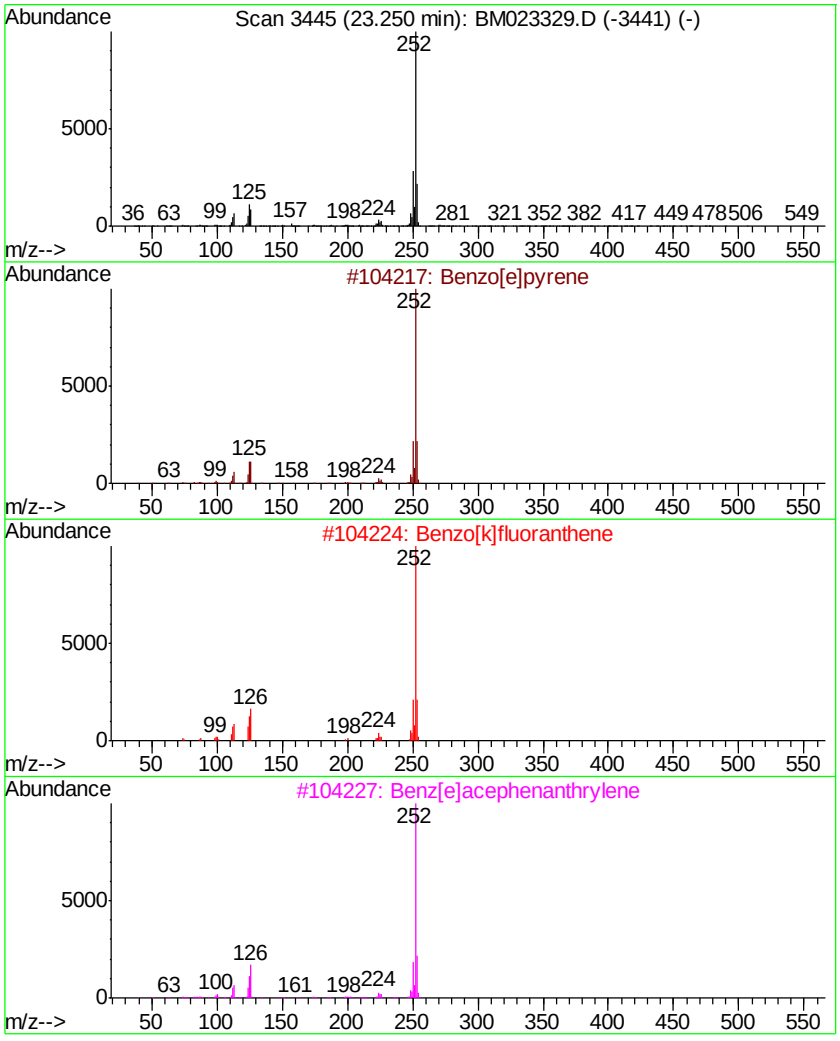
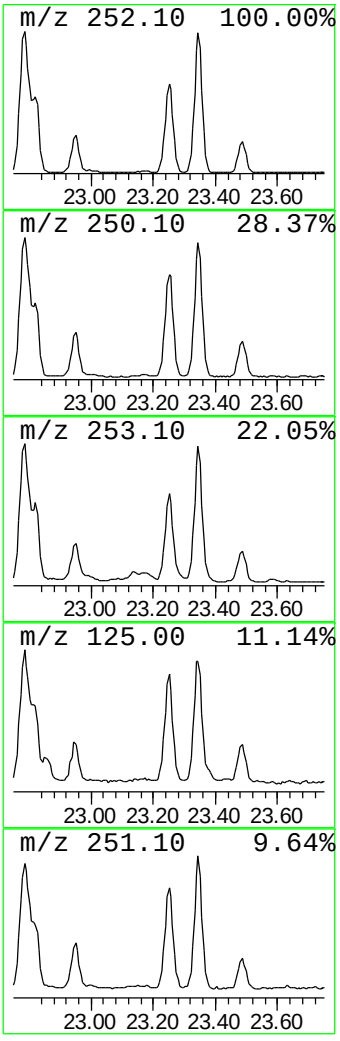
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	11.76 ng/ul	3358340	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

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Quant Title : SVOA CALIBRATION

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

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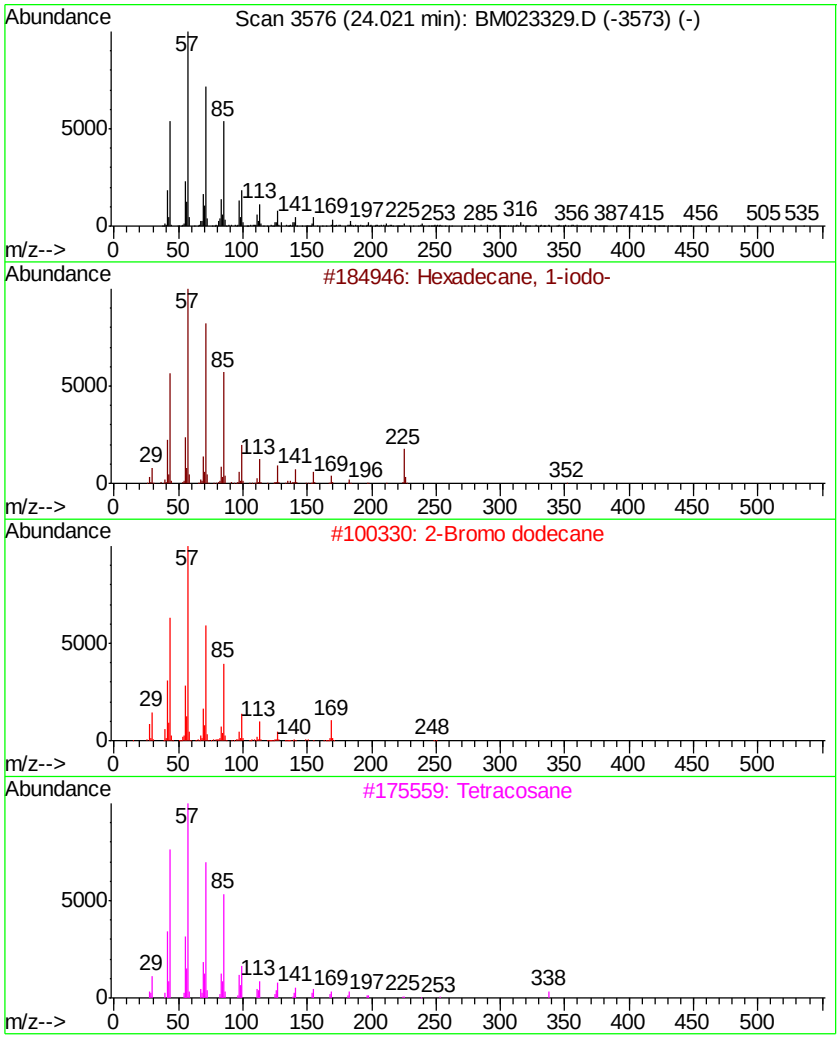
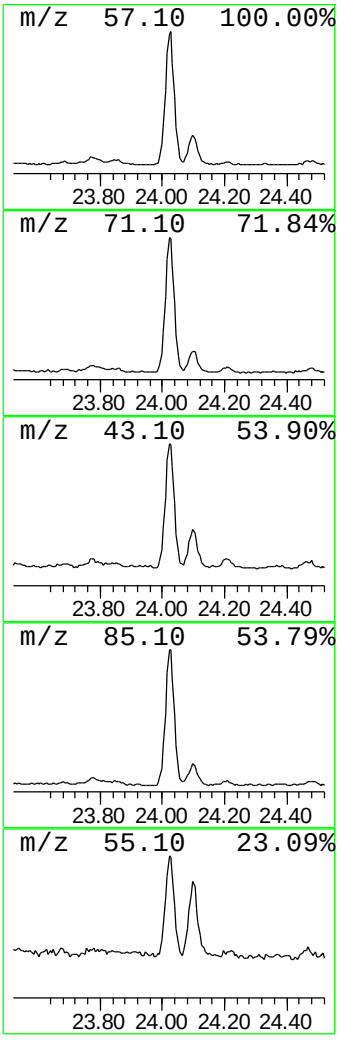
Peak Number 21 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	10.40 ng/ul	2971730	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3	Tetracosane	338	C24H50	000646-31-1	93
4	Tetracosane	338	C24H50	000646-31-1	93
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\
Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

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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
Phenanthrene, 2-m...	17.92	4.5	ng/ul	1159410	4	17.04	5148500	20.0
Phenanthrene, 1-m...	17.96	9.4	ng/ul	2409700	4	17.04	5148500	20.0
Anthracene, 1-met...	18.04	2.7	ng/ul	687316	4	17.04	5148500	20.0
Naphtho[1,2-b]nor...	18.10	9.0	ng/ul	2312200	4	17.04	5148500	20.0
1H-Indene, 1-phenyl-	18.14	4.0	ng/ul	1020600	4	17.04	5148500	20.0
Naphthalene, 2-ph...	18.42	2.9	ng/ul	732535	4	17.04	5148500	20.0
9,10-Anthracenedione	18.46	3.1	ng/ul	797309	4	17.04	5148500	20.0
Phenanthrene, 4,5...	18.67	2.2	ng/ul	563012	4	17.04	5148500	20.0
9,10-Dimethylanth...	18.84	5.2	ng/ul	1339450	4	17.04	5148500	20.0
unknown-01	18.90	3.0	ng/ul	766399	4	17.04	5148500	20.0
Cyclopenta(def)ph...	18.98	4.7	ng/ul	1201430	4	17.04	5148500	20.0
10,18-Bisnorabiet...	19.17	2.0	ng/ul	1484200	5	21.23	14802500	20.0
Pyrene, 1-methyl-	19.79	3.0	ng/ul	2249030	5	21.23	14802500	20.0
11H-Benzo[b]fluorene	19.96	2.9	ng/ul	2138650	5	21.23	14802500	20.0
11H-Benzo[a]fluor...	20.72	2.5	ng/ul	1851090	5	21.23	14802500	20.0
(DEL) Alkane: Cyc...	20.97	7.2	ng/ul	5312370	5	21.23	14802500	20.0
(DEL) Alkane: Str...	21.42	2.5	ng/ul	1850940	5	21.23	14802500	20.0
(DEL) Alkane: Cyc...	21.86	9.8	ng/ul	7293130	5	21.23	14802500	20.0
(DEL) Alkane: Str...	22.31	3.2	ng/ul	2394620	5	21.23	14802500	20.0
Benzo[e]pyrene	23.25	11.8	ng/ul	3358340	6	23.44	5713460	20.0
Hexadecane, 1-iodo-	24.02	10.4	ng/ul	2971730	6	23.44	5713460	20.0