LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029060.D
Acq On : 09 Mar 2021 23:45
Operator : CG/JU
Sample : M1598-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-030821

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029060.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.240	377	383	397	rVB	217684	305973	20.85%	2.043%
2	6.869	653	660	670	rBV	188624	305938	20.85%	2.042%
3	7.663	791	795	802	rVB	43386	64081	4.37%	0.428%
4	8.839	989	995	1000	rBV	123768	205810	14.03%	1.374%
5	8.875	1000	1001	1011	rVB	22998	25522	1.74%	0.170%
6	9.863	1163	1169	1176	rBV4	7114	16502	1.12%	0.110%
7	10.422	1257	1264	1266	rBV	28582	45561	3.11%	0.304%
8	10.457	1266	1270	1275	rVV	55450	90665	6.18%	0.605%
9	10.510	1275	1279	1285	rVB	13612	22966	1.57%	0.153%
10	10.604	1291	1295	1300	rVB	10897	15063	1.03%	0.101%
11	11.463	1435	1441	1446	rBV	12980	18541	1.26%	0.124%
12	11.874	1502	1511	1519	rBV	32235	51998	3.54%	0.347%
13	12.133	1551	1555	1563	rVB	16060	23598	1.61%	0.158%
14	12.351	1584	1592	1602	rBV2	18801	40168	2.74%	0.268%
15	12.845	1670	1676	1682	rVB4	13533	20041	1.37%	0.134%
16	12.945	1687	1693	1702	rBV	259499	376614	25.67%	2.514%
17	13.139	1719	1726	1734	rVB2	32674	51311	3.50%	0.343%
18	13.492	1776	1786	1788	rBV	15928	27537	1.88%	0.184%
19	13.651	1807	1813	1818	rBV	25816	48095	3.28%	0.321%
20	13.710	1818	1823	1831	rVB2	18136	33123	2.26%	0.221%
21	13.804	1831	1839	1843	rBV2	19909	34327	2.34%	0.229%
22	14.057	1877	1882	1894	rVB	32707	52121	3.55%	0.348%
23	14.227	1905	1911	1915	rBV	35237	44778	3.05%	0.299%
24	14.333	1915	1929	1935	rVV	77094	127847	8.71%	0.853%
25	14.398	1935	1940	1948	rVB	63272	97052	6.61%	0.648%
26	14.551	1959	1966	1973	rVB4	11139	28843	1.97%	0.193%
27	14.645	1973	1982	1987	rBV5	5935	18603	1.27%	0.124%
28	14.739	1991	1998	2003	rVB	51270	78183	5.33%	0.522%
29	14.810	2003	2010	2014	rBV	14790	22397	1.53%	0.150%
30	14.951	2030	2034	2040	rBV2	12344	21805	1.49%	0.146%
31	15.180	2067	2073	2083	rVB3	29705	45711	3.12%	0.305%
32	15.298	2086	2093	2101	rBV7	4685	15426	1.05%	0.103%
33	15.386	2101	2108	2113	rBV	72336	107083	7.30%	0.715%
34	15.551	2132	2136	2139	rBV3	10580	15560	1.06%	0.104%
35	15.592	2139	2143	2148	rVB2	17608	23658	1.61%	0.158%
36	15.680	2154	2158	2165	rVB	21383	33111	2.26%	0.221%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-030821

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.833	2179	2184	2191	rVB	223504	325625	22.19%	2.174%
38	16.045	2216	2220	2235	rVB2	37474	93531	6.37%	0.624%
39	16.192	2237	2245	2249	rBV5	7149	16587	1.13%	0.111%
40	16.386	2270	2278	2284	rBV2	23094	51027	3.48%	0.341%
41	16.439	2284	2287	2293	rVB3	16793	26516	1.81%	0.177%
42	16.539	2301	2304	2309	rVB2	16325	21763	1.48%	0.145%
43	16.621	2314	2318	2321	rVV2	14618	25510	1.74%	0.170%
44	16.656	2321	2324	2332	rVV4	16249	33270	2.27%	0.222%
45	16.833	2345	2354	2358	rVV2	36122	66363	4.52%	0.443%
46	16.898	2358	2365	2375	rVB2	39041	86461	5.89%	0.577%
47	17.086	2391	2397	2400	rBV	91087	133609	9.11%	0.892%
48	17.127	2400	2404	2410	rVV	434202	573030	39.05%	3.825%
49	17.215	2414	2419	2424	rVV	162127	215337	14.68%	1.437%
50	17.280	2424	2430	2435	rVV2	17485	34779	2.37%	0.232%
51	17.498	2460	2467	2475	rBV3	27460	69464	4.73%	0.464%
52	17.568	2475	2479	2482	rBV	24692	28514	1.94%	0.190%
53	17.662	2491	2495	2503	rVB3	14992	31156	2.12%	0.208%
54	17.798	2515	2518	2524	rBV	10196	17475	1.19%	0.117%
55	17.956	2540	2545	2547	rBV	64885	92767	6.32%	0.619%
56	18.003	2547	2553	2559	rVB2	94398	178440	12.16%	1.191%
57	18.086	2562	2567	2572	rBV	46296	69276	4.72%	0.462%
58	18.150	2572	2578	2582	rVV2	161163	270832	18.46%	1.808%
59	18.186	2582	2584	2591	rVB	50040	59891	4.08%	0.400%
60	18.262	2593	2597	2602	rBV2	31346	38842	2.65%	0.259%
61	18.456	2625	2630	2635	rBV	56424	77413	5.28%	0.517%
62	18.509	2636	2639	2644	rVB4	13255	16792	1.14%	0.112%
63	18.715	2669	2674	2678	rBV3	17842	31605	2.15%	0.211%
64	18.756	2678	2681	2684	rVB	24192	24990	1.70%	0.167%
65	18.792	2684	2687	2692	rVB2	17891	25513	1.74%	0.170%
66	18.874	2696	2701	2708	rBV2	55544	133181	9.08%	0.889%
67	18.939	2709	2712	2716	rVB2	23734	33537	2.29%	0.224%
68	19.027	2721	2727	2732	rBV5	25853	72267	4.93%	0.482%
69	19.150	2741	2748	2753	rBV	1034614	1394271	95.03%	9.307%
70	19.239	2760	2763	2765	rBV	19410	23738	1.62%	0.158%
71	19.292	2770	2772	2777	rVB	25888	31163	2.12%	0.208%
72	19.386	2784	2788	2791	rVB	31836	39066	2.66%	0.261%
73	19.509	2799	2809	2817	rBV	844129	1467256	100.00%	9.795%
74	19.580	2817	2821	2827	rVB3	45914	71725	4.89%	0.479%
75	19.709	2836	2843	2847	rBV	460270	575662	39.23%	3.843%
76	19.827	2858	2863	2865	rBV2	53776	94847	6.46%	0.633%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1598-01
Misc :
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Instrument : BNA_M
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Integration Parameters: rteint.p
Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.003	2882	2893	2898	rBV	189734	357797	24.39%	2.388%
78	20.103	2906	2910	2913	rBV	172317	198941	13.56%	1.328%
79	20.156	2914	2919	2923	rVV2	73988	113655	7.75%	0.759%
80	20.297	2940	2943	2946	rBV	51310	56938	3.88%	0.380%
81	20.344	2947	2951	2955	rVV	48430	70334	4.79%	0.470%
82	20.703	3010	3012	3016	rBV2	25570	31746	2.16%	0.212%
83	20.909	3044	3047	3050	rBV	71797	88422	6.03%	0.590%
84	20.944	3050	3053	3056	rVV	81153	96239	6.56%	0.642%
85	20.980	3056	3059	3069	rVB4	105452	185062	12.61%	1.235%
86	21.250	3100	3105	3110	rBV2	544553	927057	63.18%	6.189%
87	21.303	3110	3114	3122	rVB	491618	624121	42.54%	4.166%
88	21.415	3129	3133	3139	rBV	117467	165083	11.25%	1.102%
89	22.791	3361	3367	3371	rBV	380312	805235	54.88%	5.375%
90	22.950	3390	3394	3399	rVB	99072	158163	10.78%	1.056%
91	23.244	3439	3444	3454	rVV	228512	410883	28.00%	2.743%
92	23.338	3454	3460	3469	rVB	402667	734165	50.04%	4.901%
93	23.474	3480	3483	3491	rVB	122801	210171	14.32%	1.403%
94	25.597	3837	3844	3854	rVB	194589	517457	35.27%	3.454%

Sum of corrected areas: 14980172

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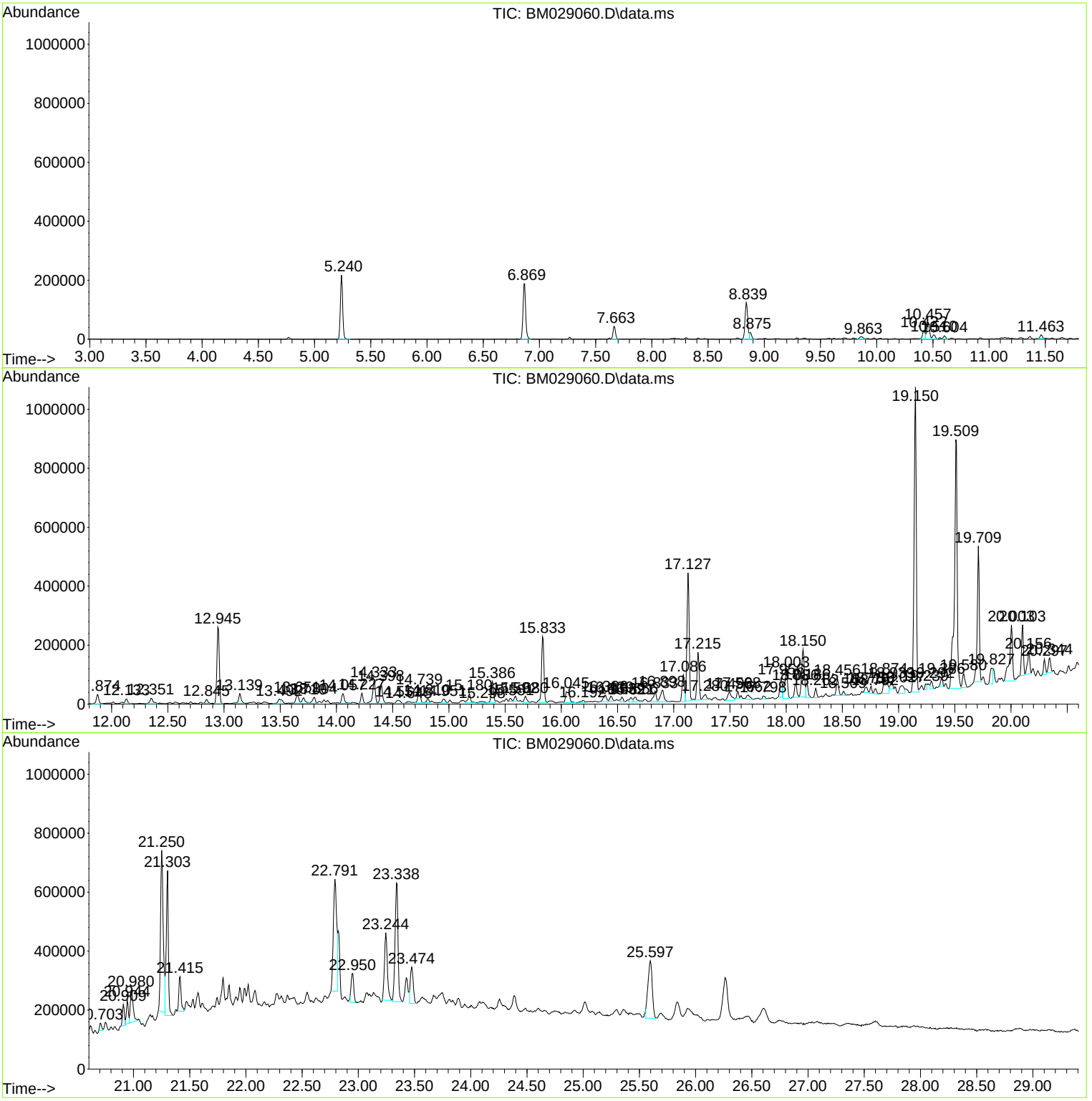
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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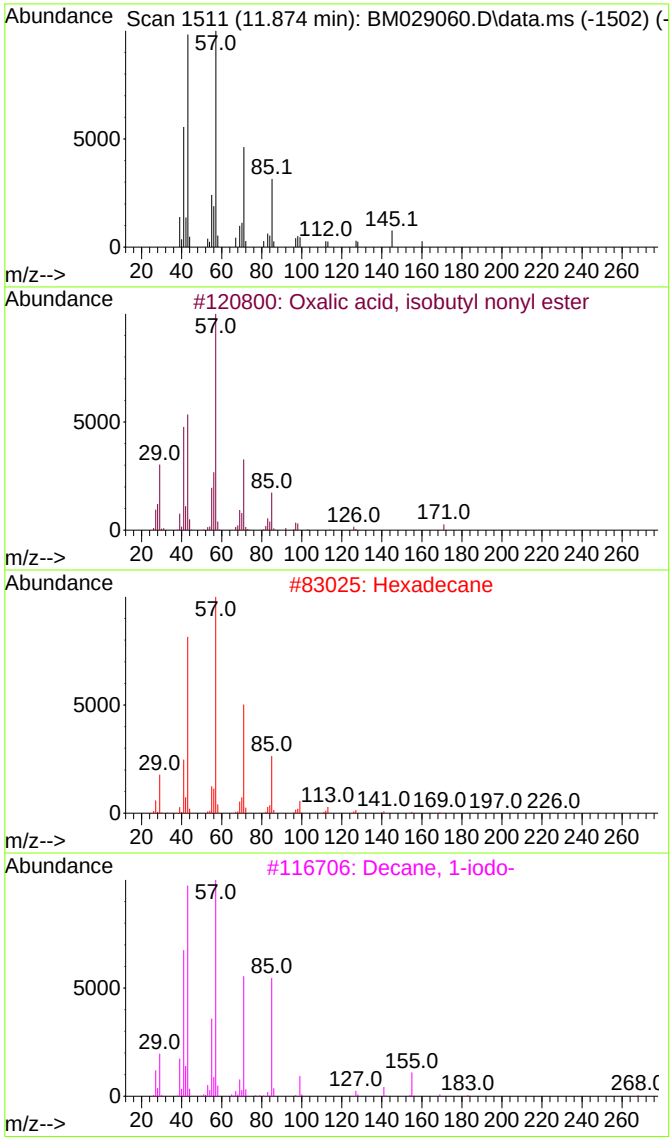
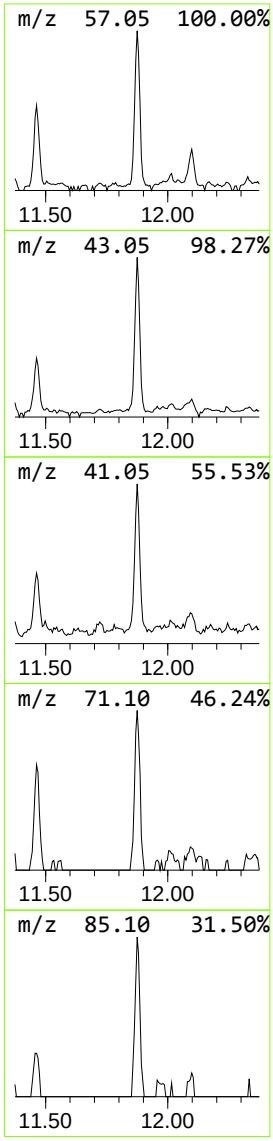
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Oxalic acid, isobutyl nonyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	11.47 ng	51998	Naphthalene-d8	10.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64





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Data File : BM029060.D
Acq On : 09 Mar 2021 23:45
Operator : CG/JU
Sample : M1598-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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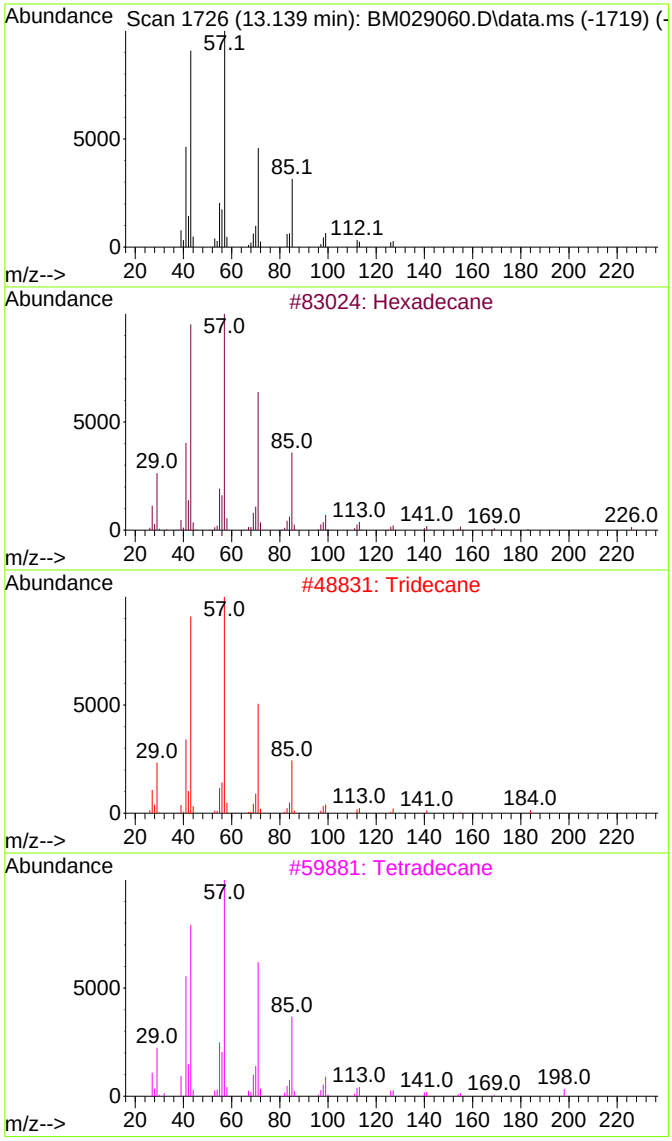
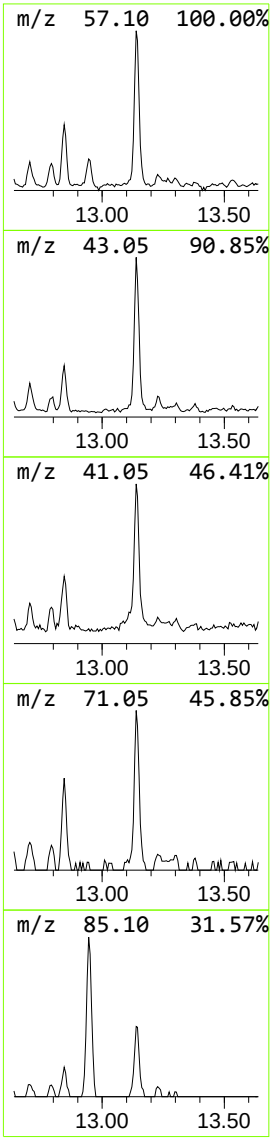
Peak Number 2 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	8.03 ng	51311	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Tetradecane	198	C14H30	000629-59-4	80
4	Pentadecane	212	C15H32	000629-62-9	78
5	Undecane	156	C11H24	001120-21-4	64





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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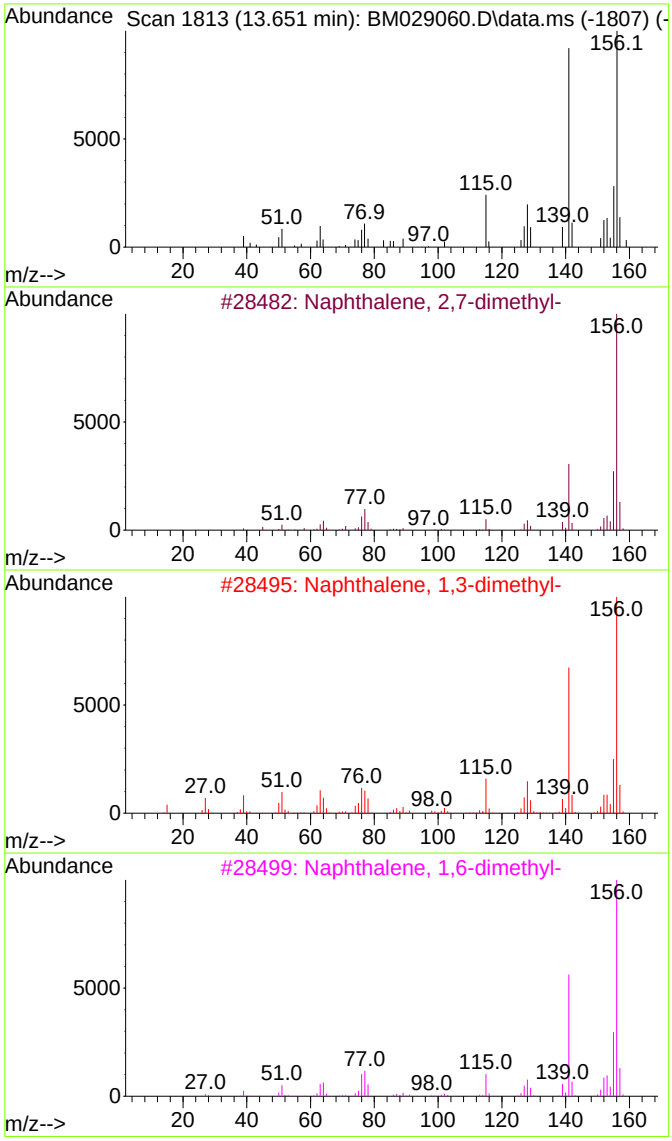
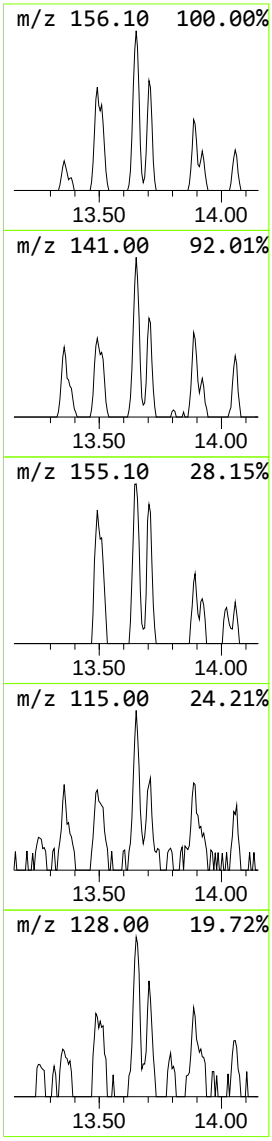
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	7.52 ng	48095	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Acq On : 09 Mar 2021 23:45
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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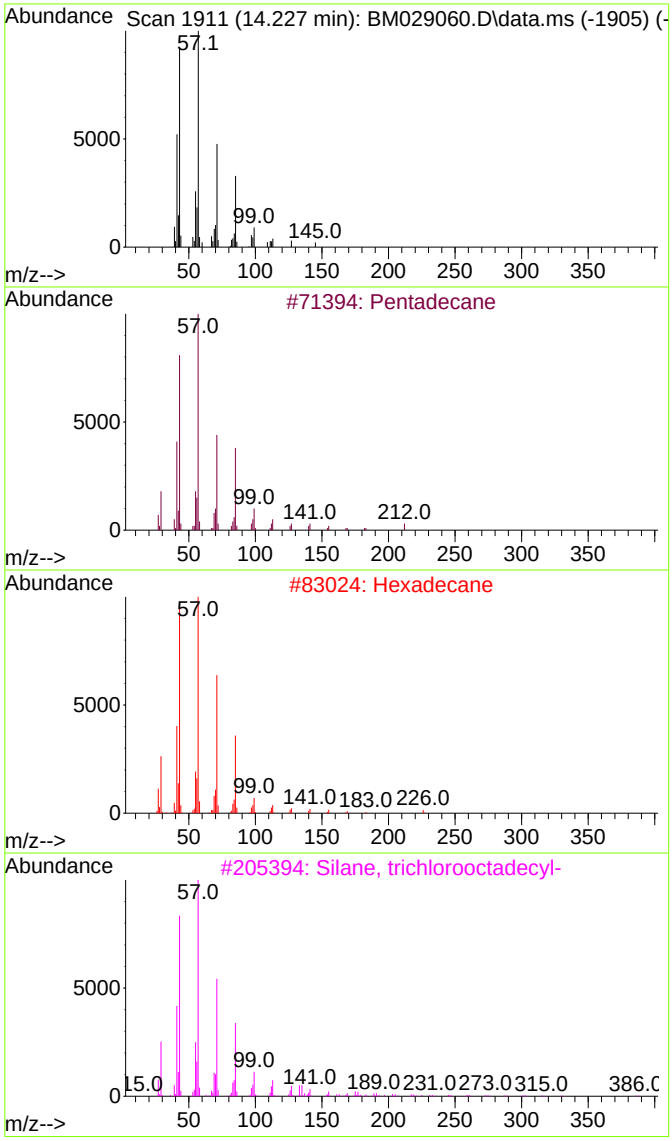
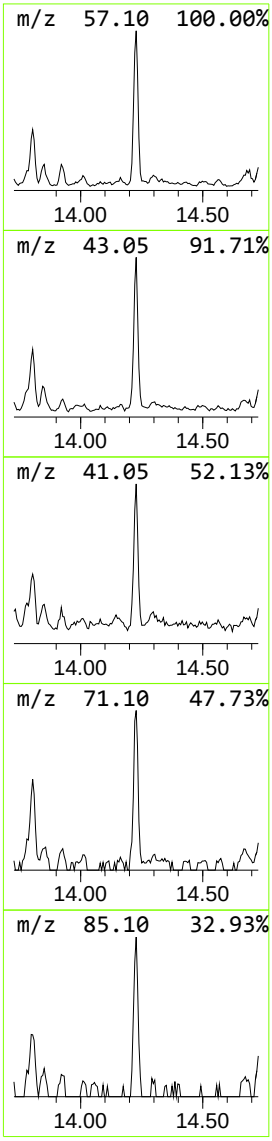
Peak Number 4 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.227	7.00 ng	44778	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90





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Data File : BM029060.D
Acq On : 09 Mar 2021 23:45
Operator : CG/JU
Sample : M1598-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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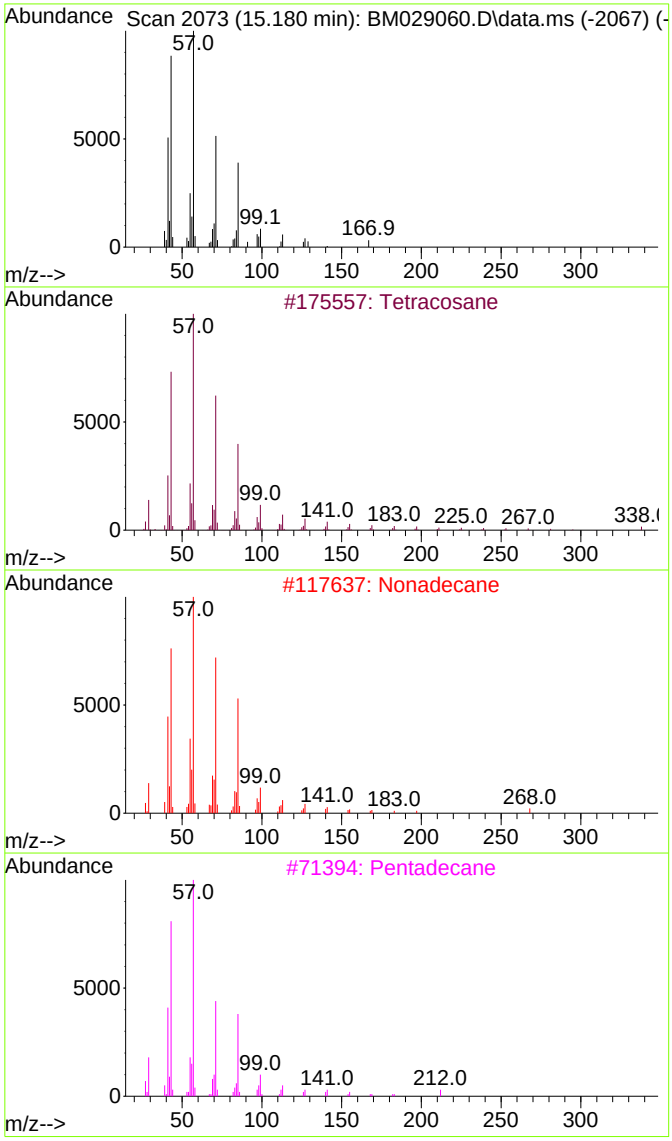
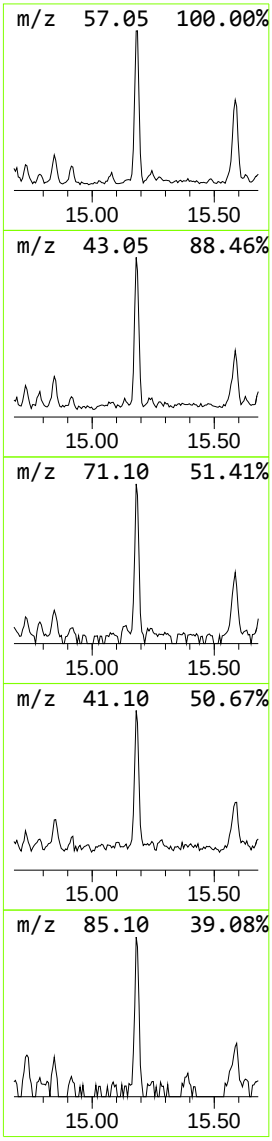
Peak Number 5 Tetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	7.15 ng	45711	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tritetracontane	605	C43H88	007098-21-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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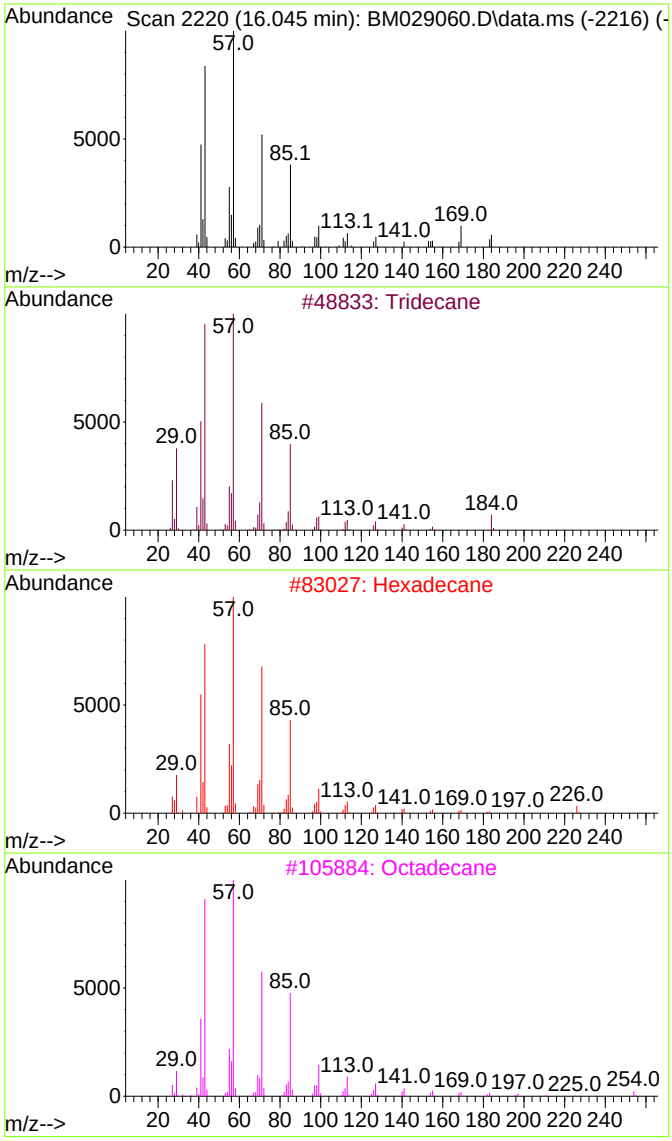
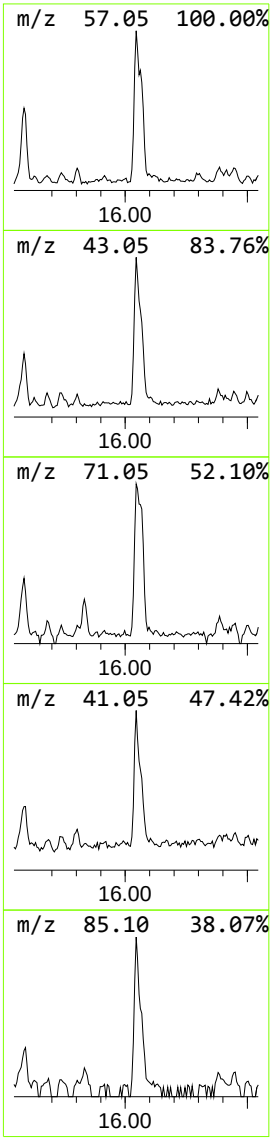
Peak Number 6 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	14.00 ng	93531	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Hexadecane	226	C16H34	000544-76-3	83
3	Octadecane	254	C18H38	000593-45-3	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Eicosane	282	C20H42	000112-95-8	80





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Operator : CG/JU
Sample : M1598-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
OR-02-030821

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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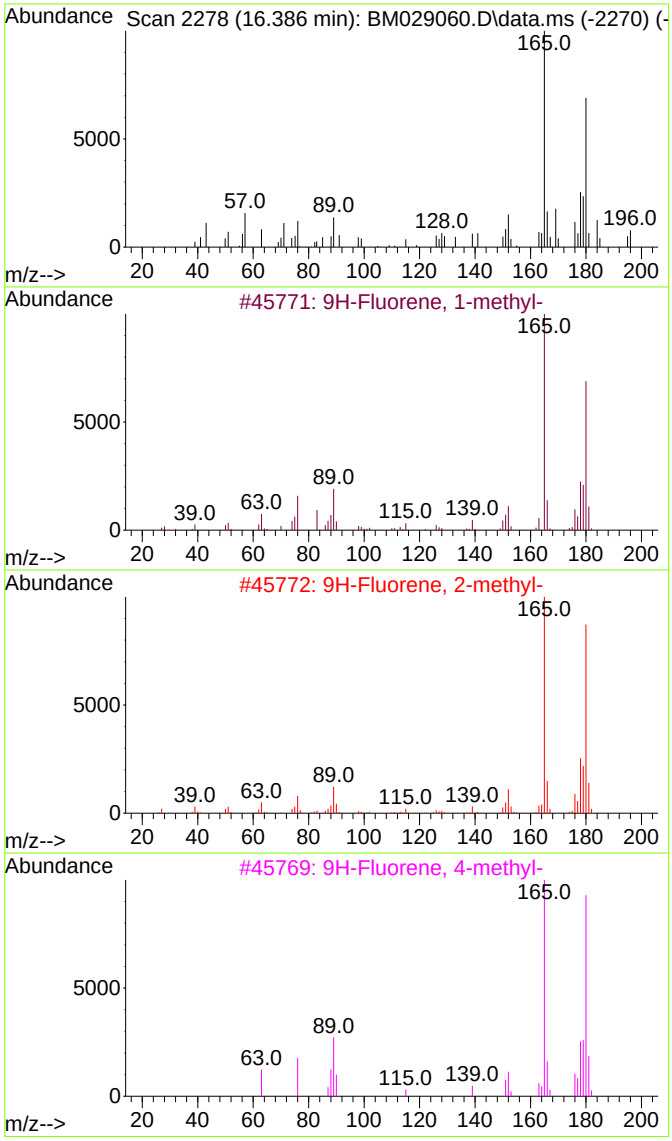
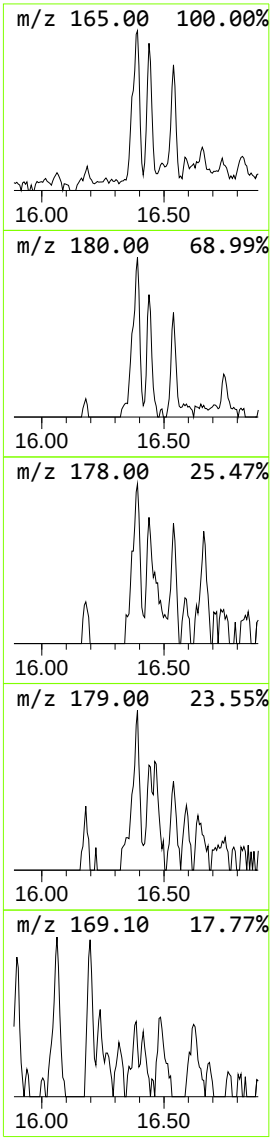
Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.386	7.64 ng	51027	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	64





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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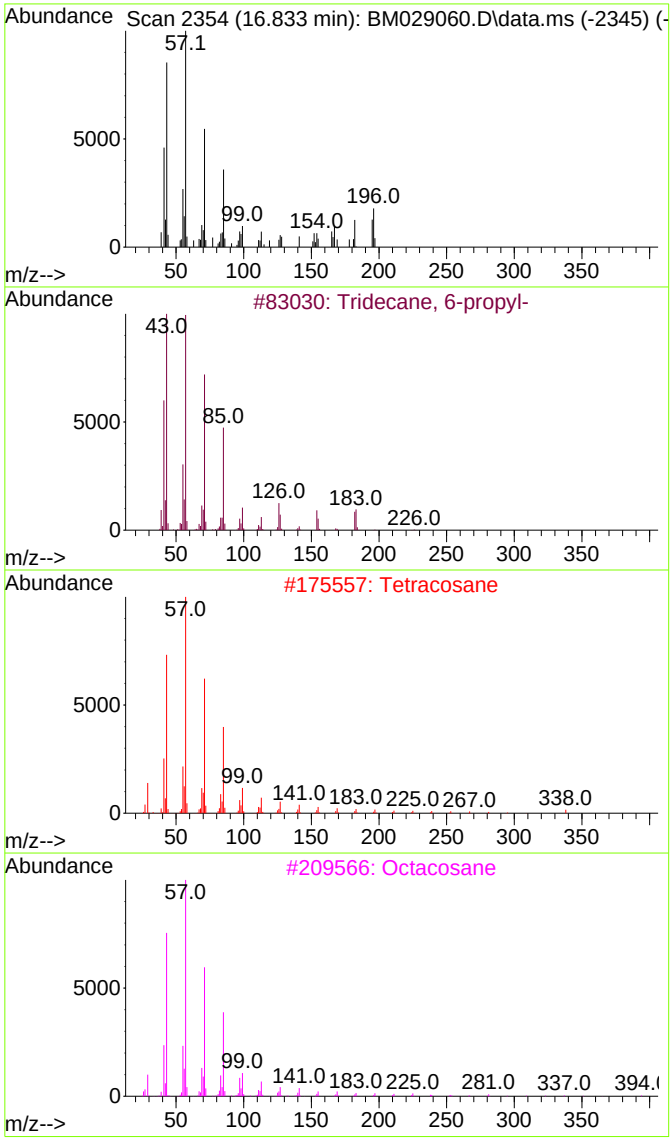
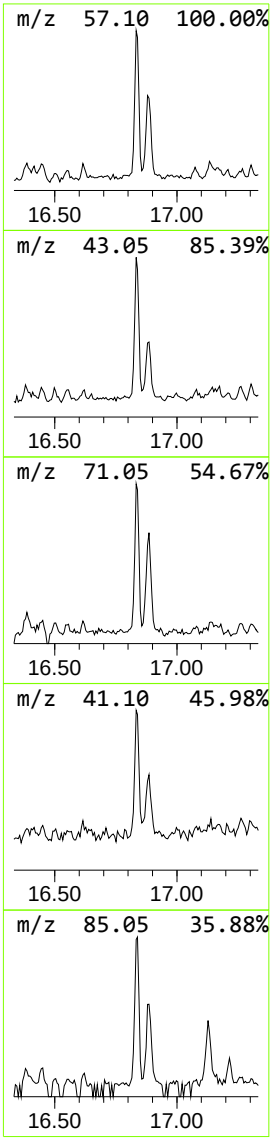
Peak Number 8 Tridecane, 6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.833	9.93 ng	66363	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	62
2	Tetracosane	338	C24H50	000646-31-1	58
3	Octacosane	394	C28H58	000630-02-4	58
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
5	Heneicosane	296	C21H44	000629-94-7	58





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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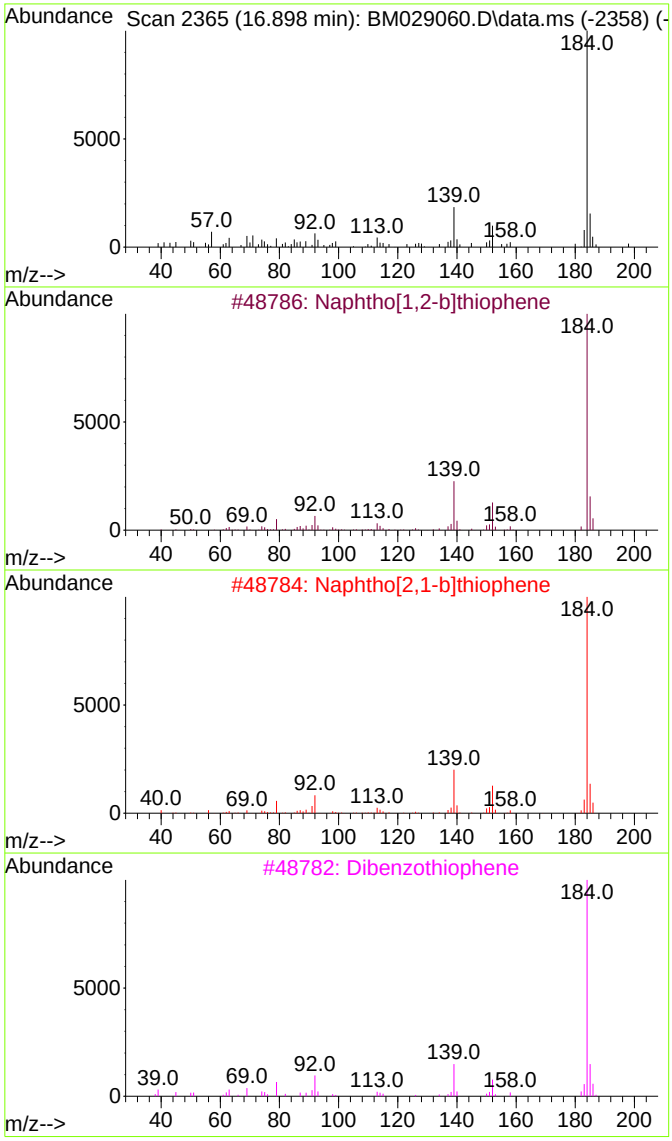
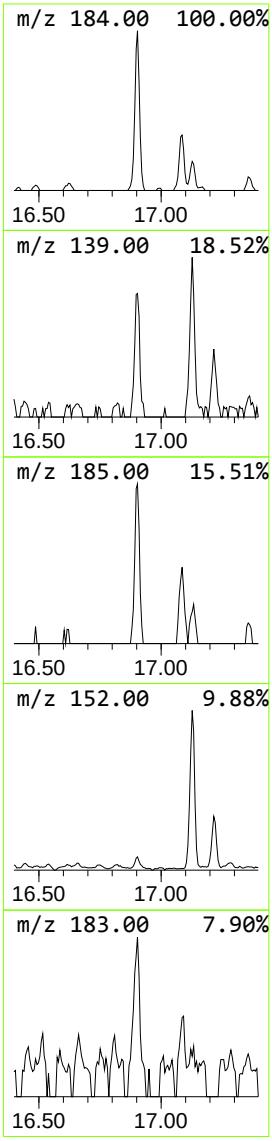
Peak Number 9 Naphtho[1,2-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.898	12.94 ng	86461	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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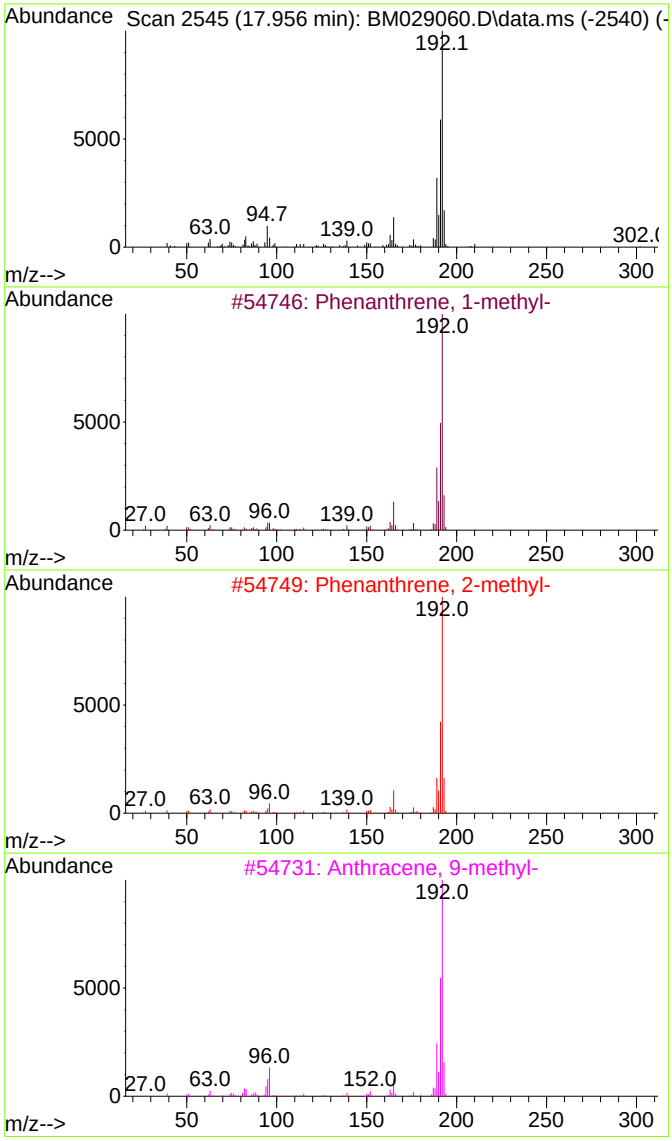
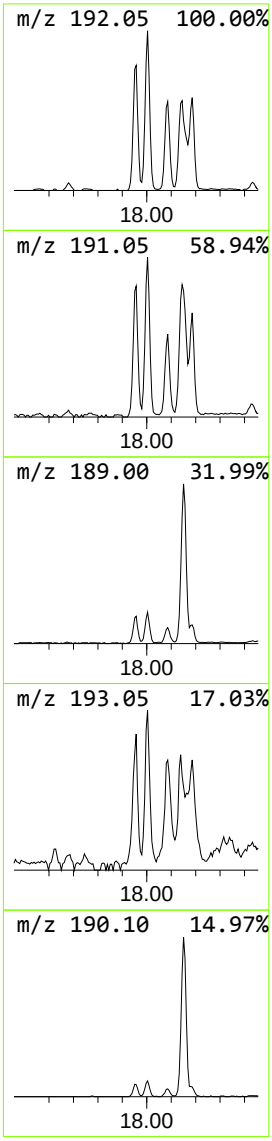
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.956	13.89 ng	92767	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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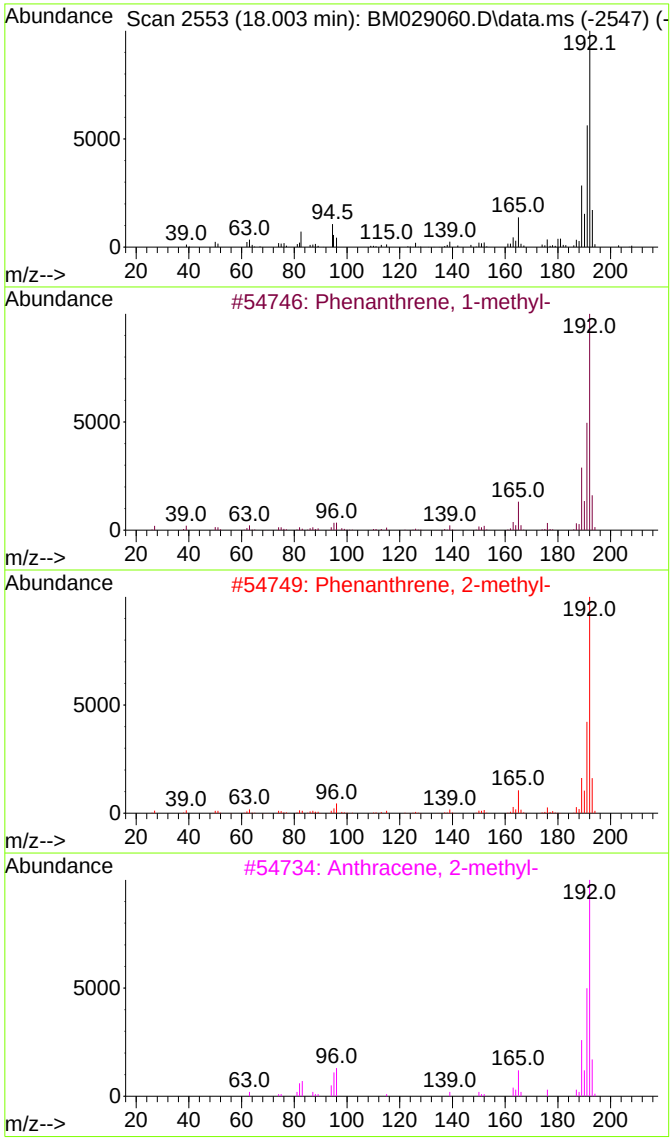
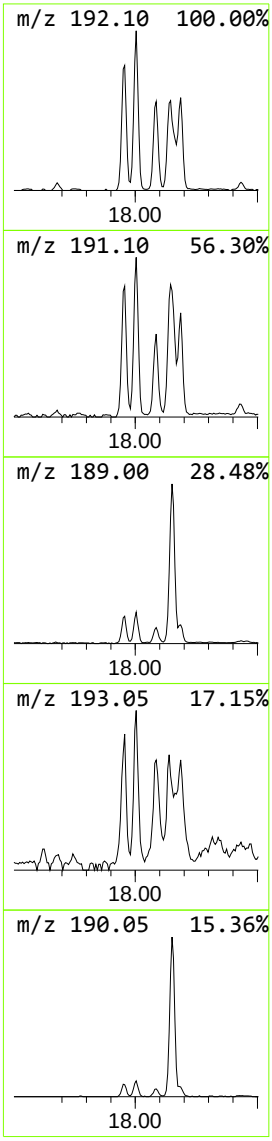
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.003	26.71 ng	178440	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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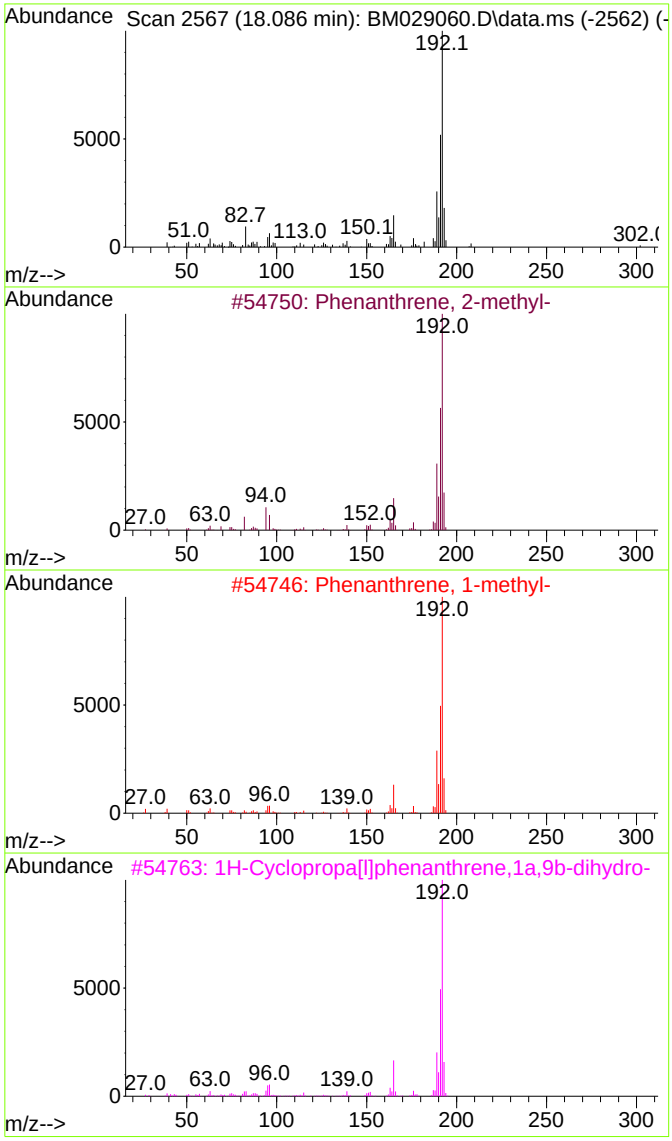
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

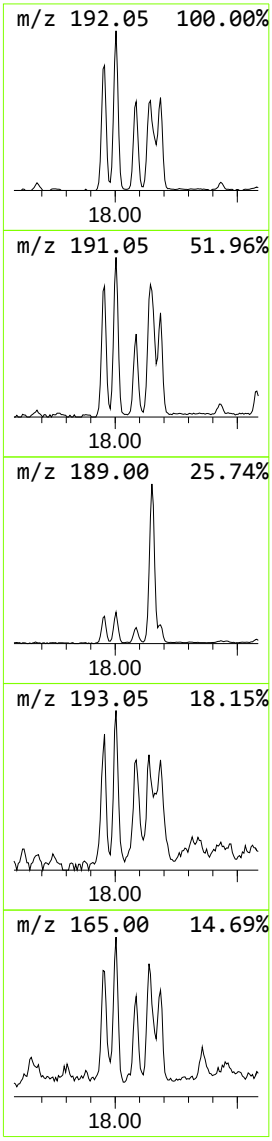
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	10.37 ng	69276	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Sample : M1598-01
Misc :
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Instrument :
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ClientSampleId :
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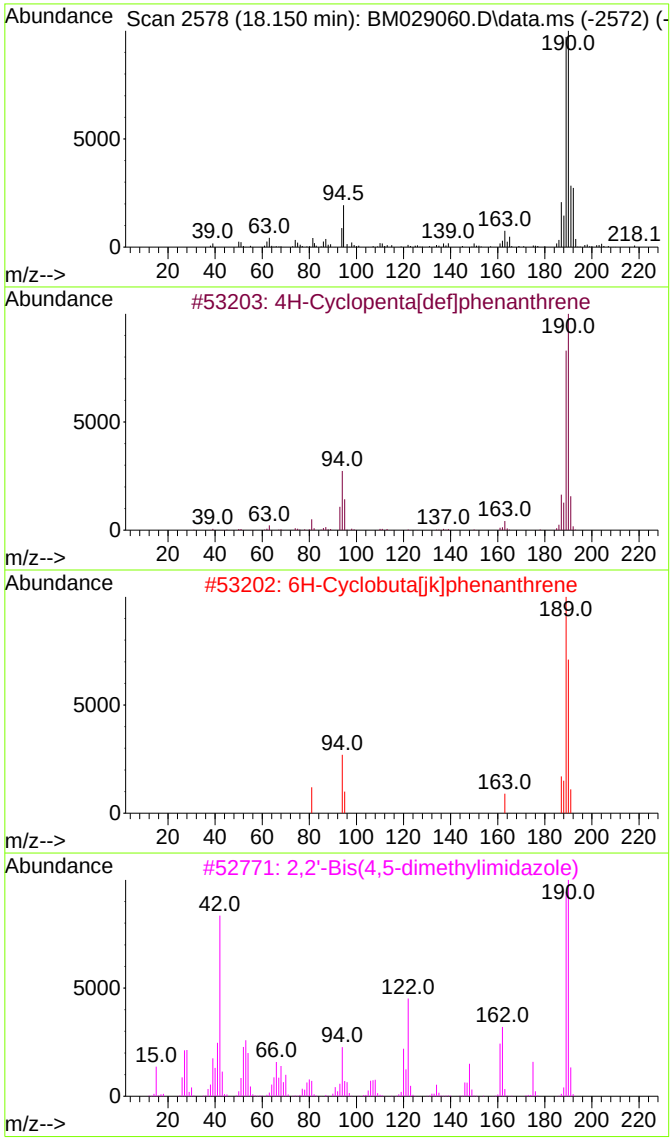
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

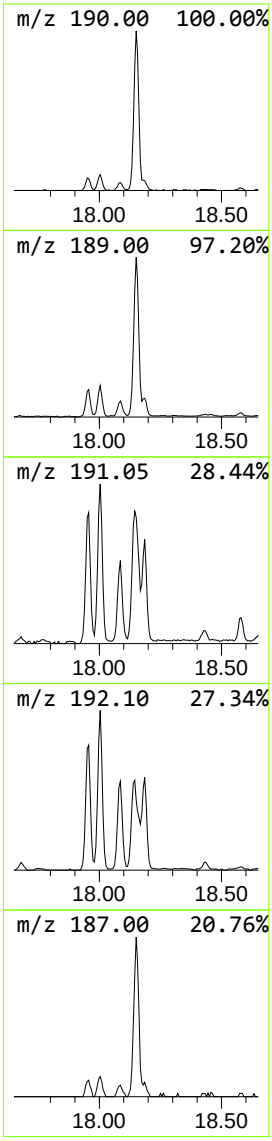
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	40.54 ng	270832	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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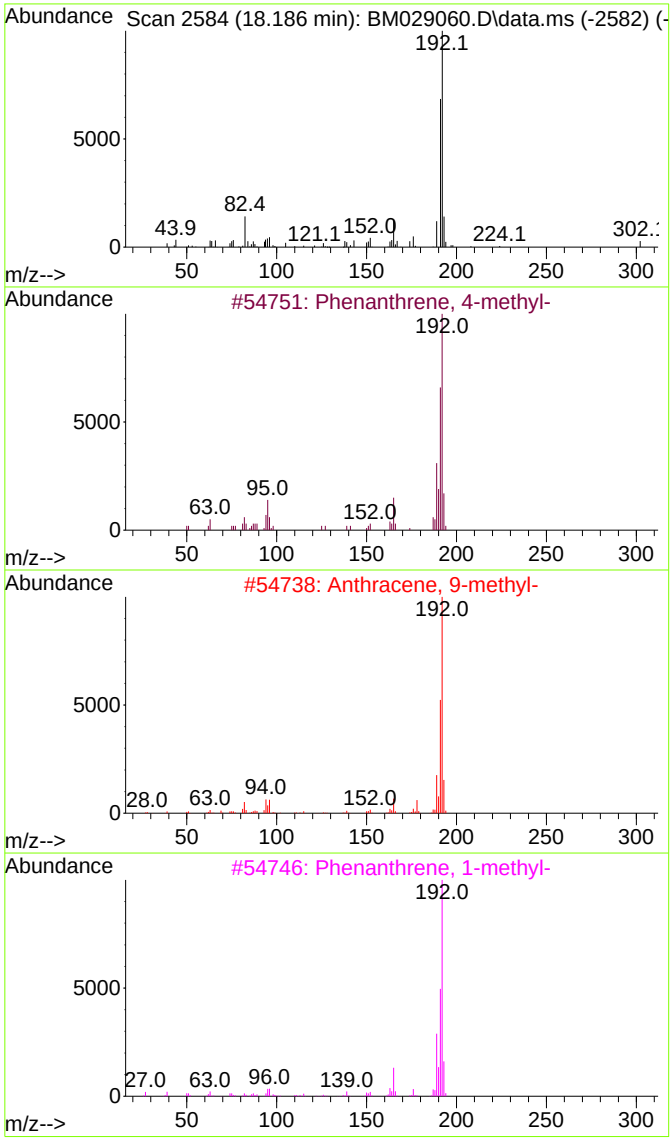
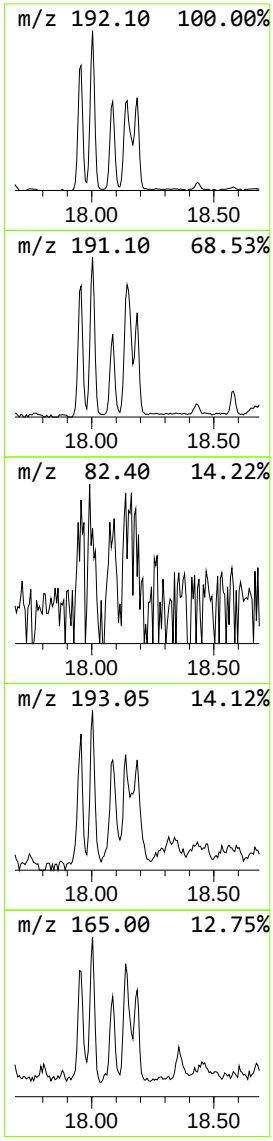
Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	8.97 ng	59891	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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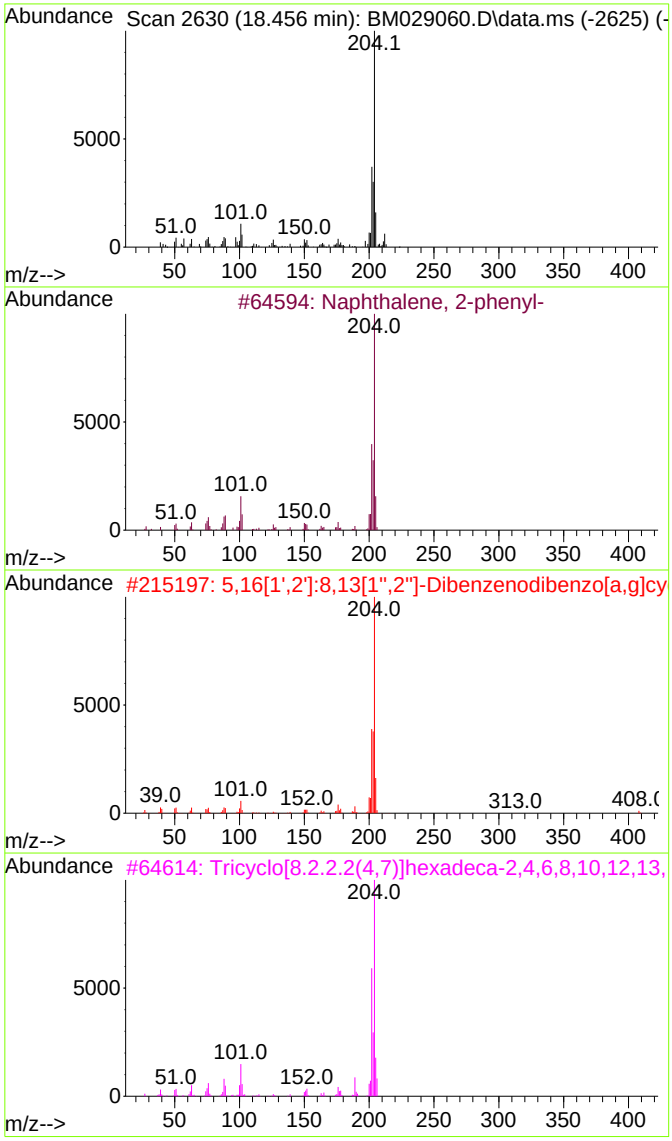
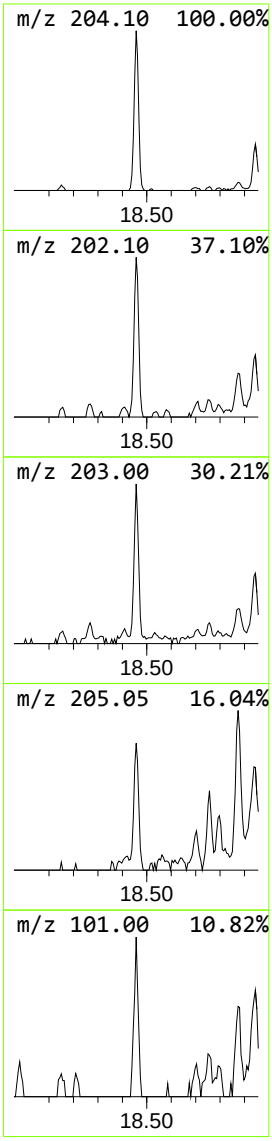
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.456	11.59 ng	77413	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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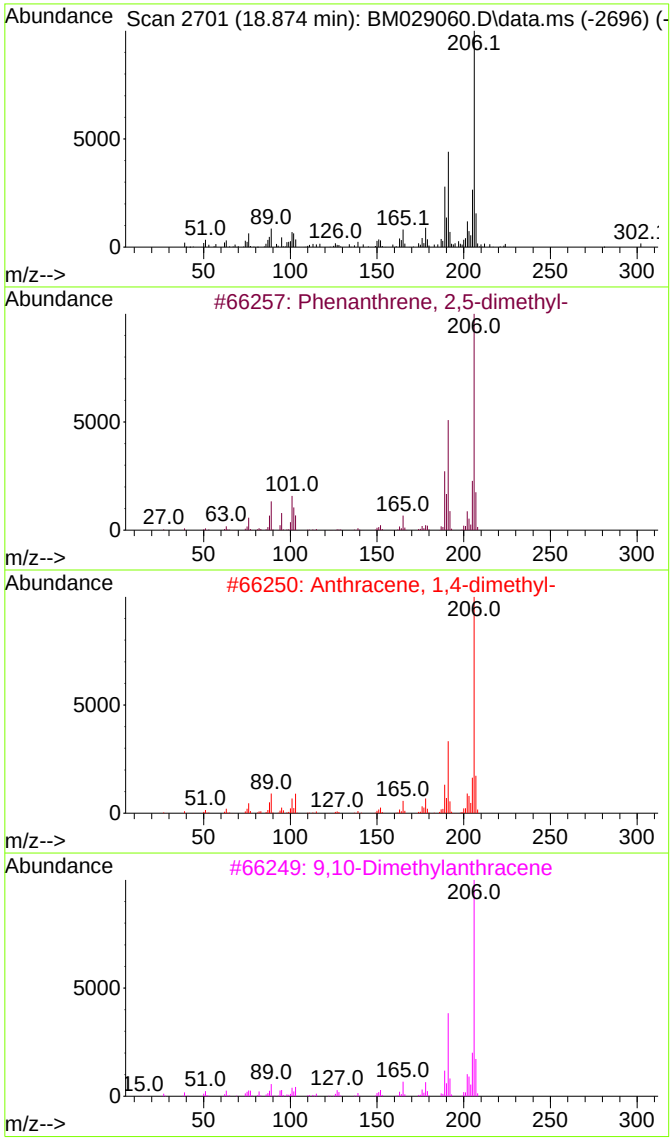
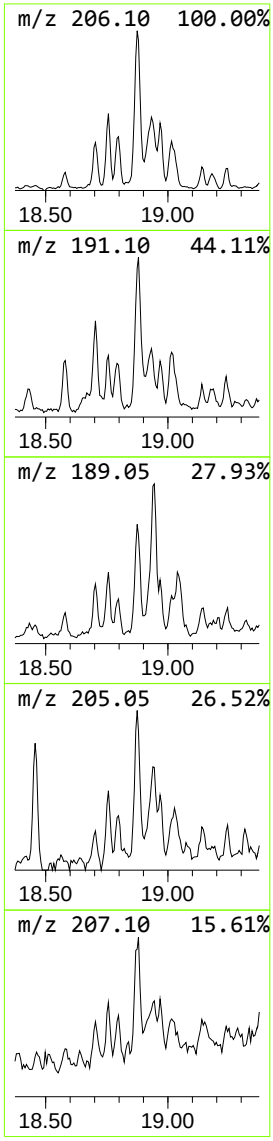
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.874	19.94 ng	133181	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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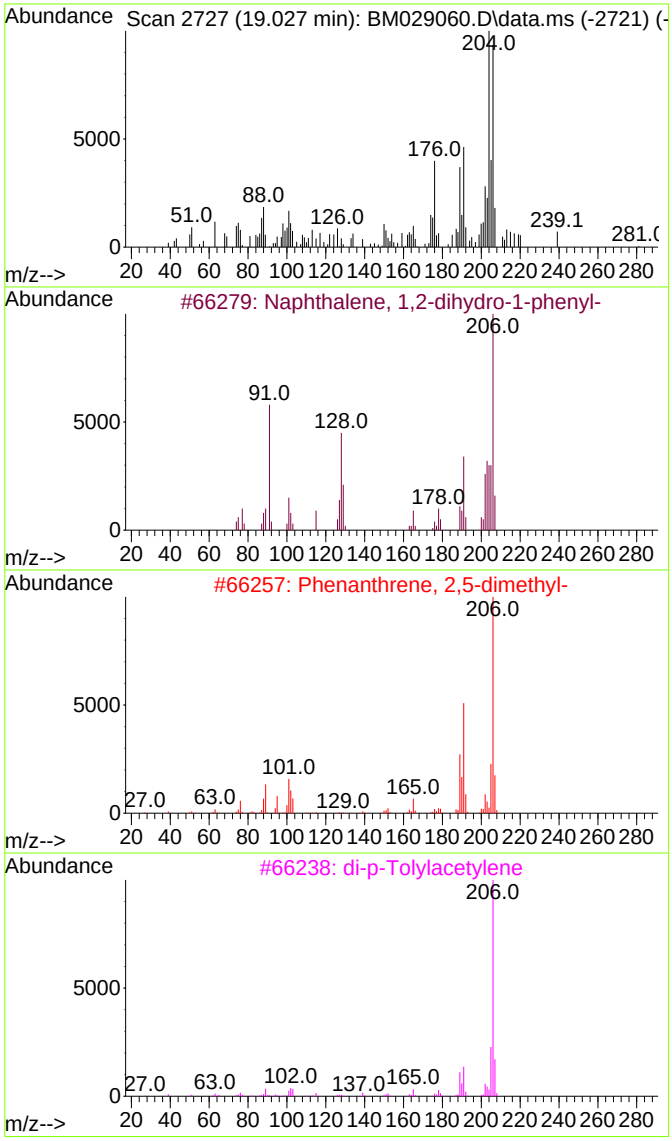
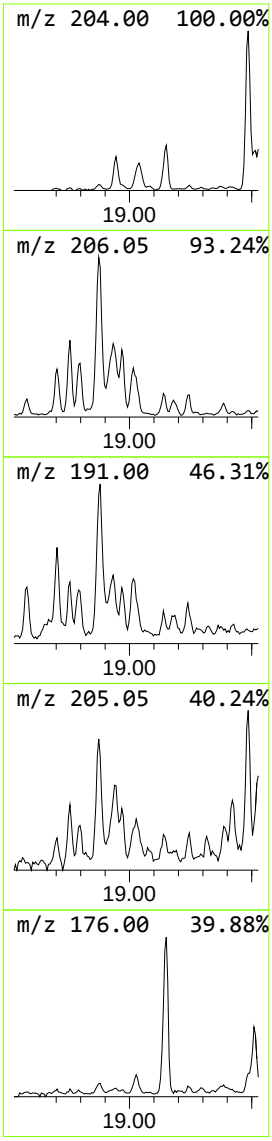
Peak Number 17 Naphthalene, 1,2-dihydro-1-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	10.82 ng	72267	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	50
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	43
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	43
5	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029060.D
Acq On : 09 Mar 2021 23:45
Operator : CG/JU
Sample : M1598-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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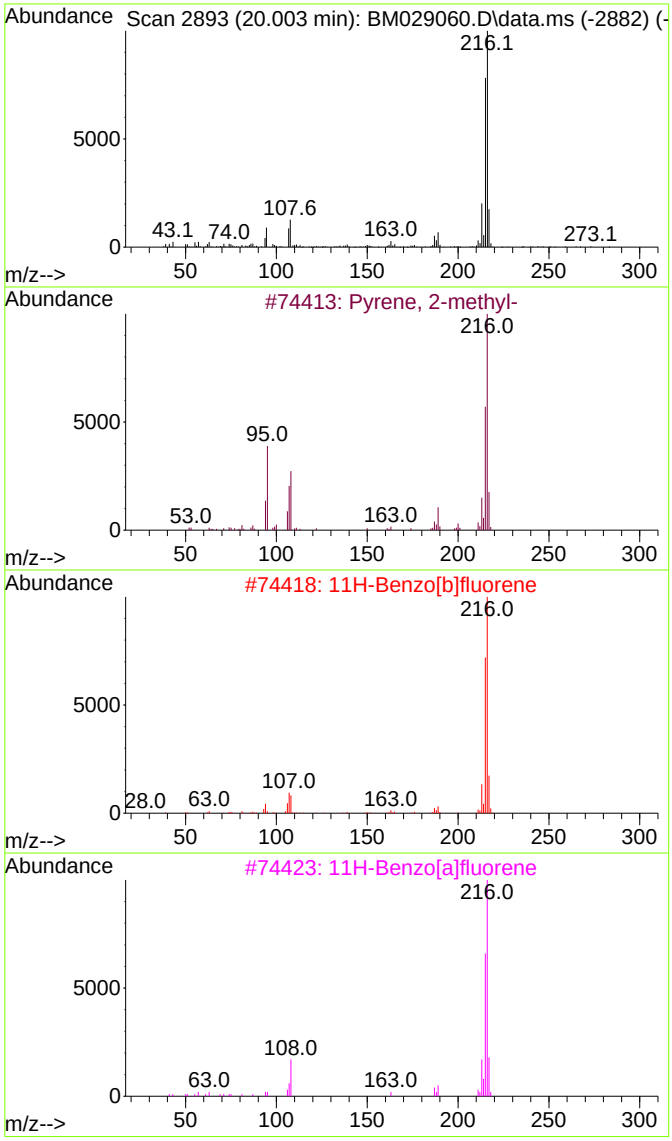
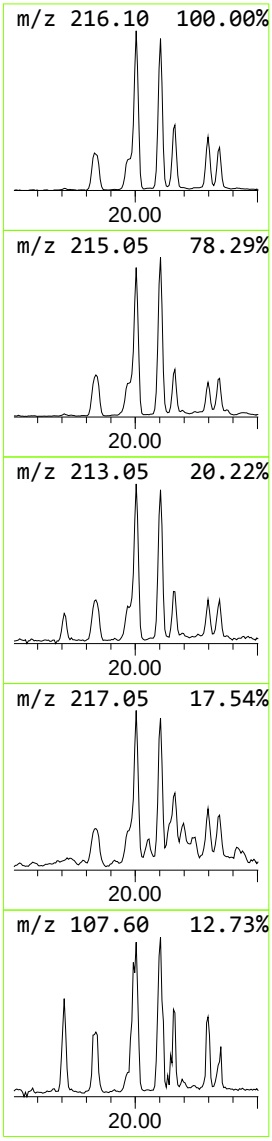
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.003	7.72 ng	357797	Chrysene-d12	21.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Data File : BM029060.D
Acq On : 09 Mar 2021 23:45
Operator : CG/JU
Sample : M1598-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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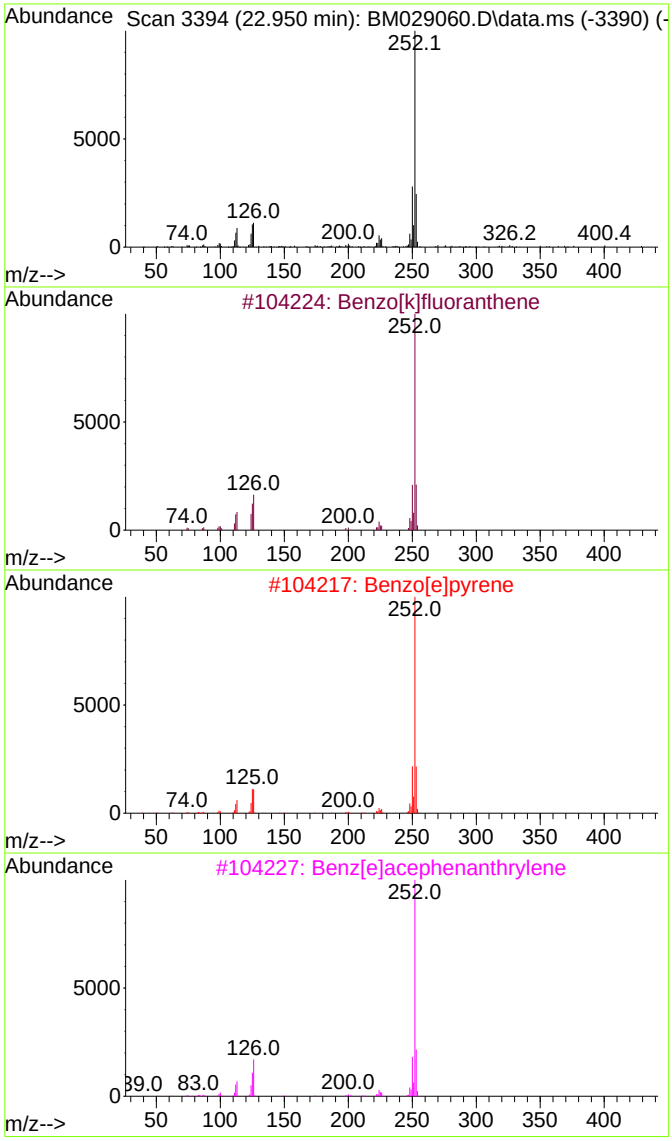
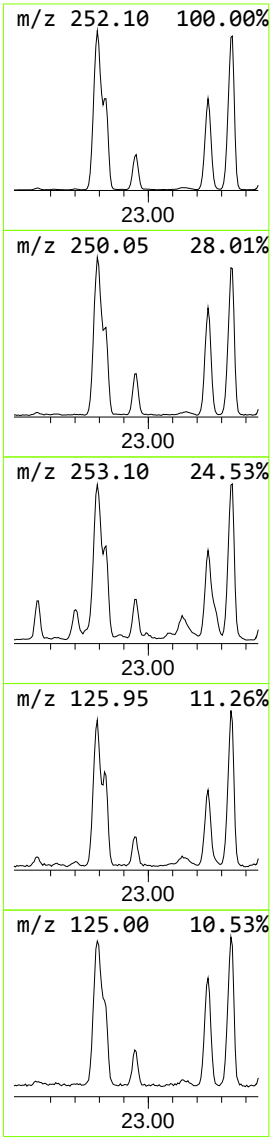
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.950	15.05 ng	158163	Perylene-d12	23.427

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029060.D
Acq On : 09 Mar 2021 23:45
Operator : CG/JU
Sample : M1598-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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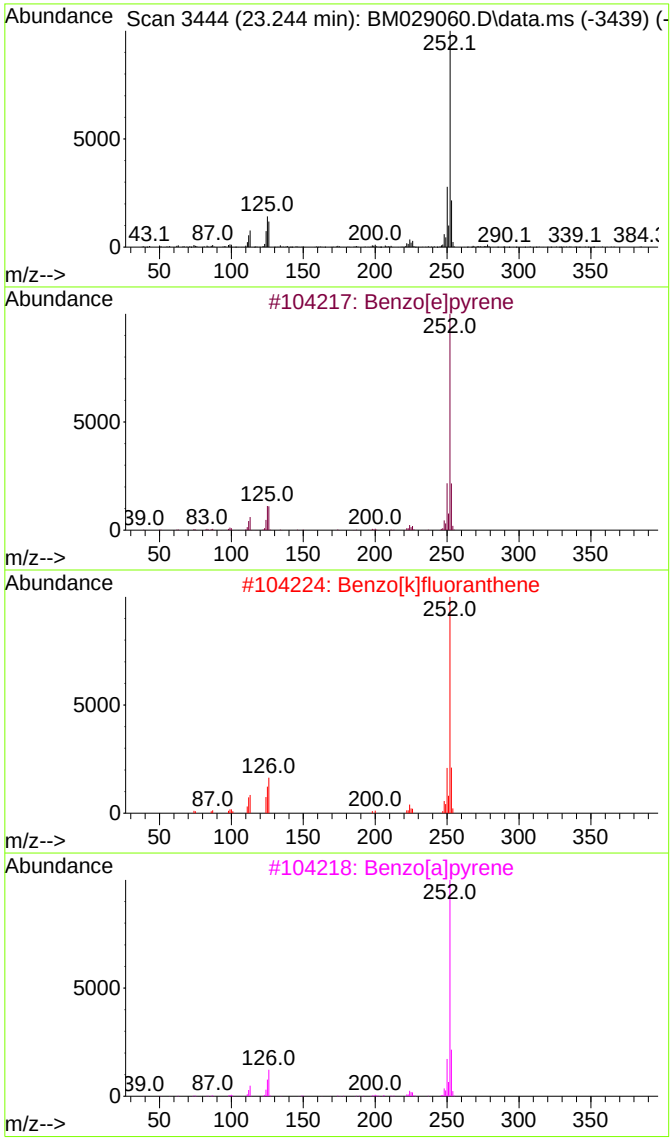
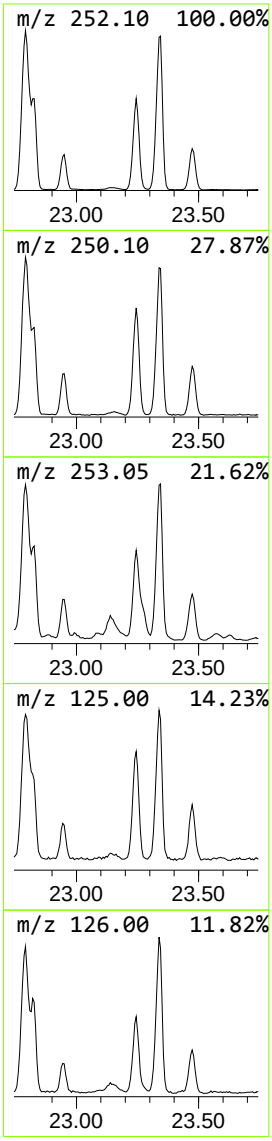
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.244	39.10 ng	410883	Perylene-d12	23.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029060.D
Acq On : 09 Mar 2021 23:45
Operator : CG/JU
Sample : M1598-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Oxalic acid, is...	11.874	11.5	ng	51998	2	10.457	90665	20.0
Hexadecane	13.139	8.0	ng	51311	3	14.333	127847	20.0
Naphthalene, 2,...	13.651	7.5	ng	48095	3	14.333	127847	20.0
Pentadecane	14.227	7.0	ng	44778	3	14.333	127847	20.0
Tetracosane	15.180	7.2	ng	45711	3	14.333	127847	20.0
Tridecane	16.045	14.0	ng	93531	4	17.086	133609	20.0
9H-Fluorene, 1-...	16.386	7.6	ng	51027	4	17.086	133609	20.0
Tridecane, 6-pr...	16.833	9.9	ng	66363	4	17.086	133609	20.0
Naphtho[1,2-b]t...	16.898	12.9	ng	86461	4	17.086	133609	20.0
Phenanthrene, 1...	17.956	13.9	ng	92767	4	17.086	133609	20.0
Phenanthrene, 2...	18.003	26.7	ng	178440	4	17.086	133609	20.0
1H-Cyclopropa[l...	18.086	10.4	ng	69276	4	17.086	133609	20.0
4H-Cyclopenta[d...	18.151	40.5	ng	270832	4	17.086	133609	20.0
Phenanthrene, 4...	18.186	9.0	ng	59891	4	17.086	133609	20.0
Naphthalene, 2-...	18.456	11.6	ng	77413	4	17.086	133609	20.0
Phenanthrene, 2...	18.874	19.9	ng	133181	4	17.086	133609	20.0
Naphthalene, 1,...	19.027	10.8	ng	72267	4	17.086	133609	20.0
Pyrene, 2-methyl-	20.003	7.7	ng	357797	5	21.262	927057	20.0
Benzo[e]pyrene	22.950	15.1	ng	158163	6	23.427	210171	20.0
Perylene	23.244	39.1	ng	410883	6	23.427	210171	20.0