LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

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_P\Methods\8270E-BP010622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008742.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.064	9	13	29	rVB	346893	557526	3.32%	0.264%
2	5.452	412	419	433	rBV	1707593	2825599	16.84%	1.340%
3	7.040	682	689	709	rVB	1733603	3041997	18.13%	1.442%
4	7.869	822	830	838	rBV	420144	686502	4.09%	0.325%
5	9.028	1010	1027	1035	rBV	912684	1650211	9.83%	0.782%
6	10.669	1297	1306	1312	rBV	701261	1274052	7.59%	0.604%
7	12.110	1545	1551	1557	rBV	190541	286825	1.71%	0.136%
8	12.334	1579	1589	1594	rVB	138853	273624	1.63%	0.130%
9	13.128	1718	1724	1737	rVB	2963280	4571683	27.24%	2.167%
10	13.345	1756	1761	1768	rVB	330844	451221	2.69%	0.214%
11	13.669	1810	1816	1818	rBV	114372	185291	1.10%	0.088%
12	13.828	1838	1843	1848	rBV	158870	275048	1.64%	0.130%
13	13.881	1848	1852	1856	rVB	129702	184293	1.10%	0.087%
14	14.228	1906	1911	1917	rBV	144433	235948	1.41%	0.112%
15	14.416	1938	1943	1949	rBV	434587	576857	3.44%	0.273%
16	14.504	1951	1958	1964	rVV	1298688	1974593	11.77%	0.936%
17	14.569	1964	1969	1977	rVB2	255958	432014	2.57%	0.205%
18	14.716	1989	1994	2003	rVB	75565	206272	1.23%	0.098%
19	14.904	2021	2026	2034	rVB	191346	385199	2.30%	0.183%
20	14.981	2034	2039	2044	rBV2	132076	192156	1.15%	0.091%
21	15.128	2057	2064	2069	rBV2	89666	211785	1.26%	0.100%
22	15.369	2101	2105	2110	rVB	462756	572999	3.41%	0.272%
23	15.551	2132	2136	2141	rBV2	250674	360020	2.15%	0.171%
24	15.775	2169	2174	2181	rBV4	174974	317365	1.89%	0.150%
25	15.998	2205	2212	2220	rBV	3687516	5490710	32.72%	2.603%
26	16.192	2241	2245	2249	rBV	244585	388727	2.32%	0.184%
27	16.234	2249	2252	2255	rBV	508000	630582	3.76%	0.299%
28	16.910	2363	2367	2373	rVB2	160196	249148	1.48%	0.118%
29	17.034	2384	2388	2392	rVB	421606	497696	2.97%	0.236%
30	17.081	2392	2396	2406	rVB2	312318	563967	3.36%	0.267%
31	17.169	2407	2411	2418	rBV4	145713	248588	1.48%	0.118%
32	17.257	2418	2426	2430	rBV	1961698	3102495	18.49%	1.471%
33	17.304	2430	2434	2440	rVV	3920008	5606011	33.41%	2.658%
34	17.392	2444	2449	2455	rVB	928991	1338055	7.97%	0.634%
35	17.457	2455	2460	2465	rBV3	134055	249073	1.48%	0.118%
36	17.663	2488	2495	2499	rBV	531313	847394	5.05%	0.402%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

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_P\Methods\8270E-BP010622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.775	2509	2514	2519	rBV2	443879	588830	3.51%	0.279%
38	18.128	2570	2574	2576	rBV	419689	548214	3.27%	0.260%
39	18.175	2576	2582	2589	rVB2	860319	1802676	10.74%	0.855%
40	18.251	2591	2595	2600	rBV	211240	299138	1.78%	0.142%
41	18.316	2600	2606	2610	rVV2	934012	1591213	9.48%	0.754%
42	18.351	2610	2612	2618	rVB	358410	405675	2.42%	0.192%
43	18.439	2624	2627	2635	rVB2	455521	665447	3.97%	0.315%
44	18.610	2651	2656	2659	rBV	477355	705050	4.20%	0.334%
45	18.645	2659	2662	2673	rVB	560192	826098	4.92%	0.392%
46	18.851	2694	2697	2701	rVB	169736	194268	1.16%	0.092%
47	18.898	2702	2705	2708	rVV	209077	251035	1.50%	0.119%
48	18.933	2708	2711	2715	rVB2	192286	247689	1.48%	0.117%
49	19.016	2721	2725	2728	rBV2	408653	572184	3.41%	0.271%
50	19.051	2728	2731	2738	rVB3	366797	583893	3.48%	0.277%
51	19.151	2744	2748	2755	rVB	388393	599199	3.57%	0.284%
52	19.269	2762	2768	2776	rBV	11341584	15524274	92.52%	7.360%
53	19.363	2781	2784	2786	rBV	183693	237230	1.41%	0.112%
54	19.504	2805	2808	2812	rVB	271068	324026	1.93%	0.154%
55	19.622	2818	2828	2836	rBV	10110168	16780073	100.00%	7.955%
56	19.692	2836	2840	2846	rVB2	475563	778881	4.64%	0.369%
57	19.822	2854	2862	2866	rBV	9977193	13629528	81.22%	6.461%
58	19.857	2866	2868	2873	rVB	598203	749751	4.47%	0.355%
59	19.945	2877	2883	2888	rBV2	516982	1292556	7.70%	0.613%
60	19.992	2888	2891	2894	rVB	228254	267609	1.59%	0.127%
61	20.069	2899	2904	2905	rBV4	411523	579275	3.45%	0.275%
62	20.104	2906	2910	2921	rVB2	1518259	2422825	14.44%	1.149%
63	20.204	2922	2927	2930	rBV2	1048151	1437324	8.57%	0.681%
64	20.257	2931	2936	2940	rVV2	838202	1312805	7.82%	0.622%
65	20.298	2940	2943	2946	rVB	327333	379200	2.26%	0.180%
66	20.398	2957	2960	2963	rBV2	411897	469725	2.80%	0.223%
67	20.439	2964	2967	2971	rVB	461137	620553	3.70%	0.294%
68	20.833	3031	3034	3040	rVB	824681	1204592	7.18%	0.571%
69	20.998	3057	3062	3065	rBV3	960011	1533293	9.14%	0.727%
70	21.039	3065	3069	3071	rVV	925096	1324457	7.89%	0.628%
71	21.074	3071	3075	3080	rVV2	1321086	2520362	15.02%	1.195%
72	21.127	3080	3084	3092	rVB2	992306	1504524	8.97%	0.713%
73	21.339	3114	3120	3125	rBV3	8483584	16586485	98.85%	7.863%
74	21.386	3125	3128	3137	rVB	6476367	8691513	51.80%	4.120%
75	21.469	3138	3142	3146	rBV	3576921	4858675	28.96%	2.303%
76	21.510	3146	3149	3155	rVB	1529236	2017633	12.02%	0.957%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

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_P\Methods\8270E-BP010622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.627	3166	3169	3173	rVB2	728038	957933	5.71%	0.454%
78	21.674	3173	3177	3183	rBV2	1031337	1579615	9.41%	0.749%
79	23.039	3402	3409	3414	rBV	5931778	14613077	87.09%	6.928%
80	23.221	3437	3440	3447	rVB	1042968	1794940	10.70%	0.851%
81	23.568	3492	3499	3508	rVB	3414006	7386384	44.02%	3.502%
82	23.674	3510	3517	3525	rVV	5108994	10789939	64.30%	5.115%
83	23.780	3528	3535	3540	rVV2	2959166	6776677	40.39%	3.213%
84	23.827	3540	3543	3554	rVB	1502303	3200364	19.07%	1.517%
85	26.309	3957	3965	3978	rVB2	2815202	9052628	53.95%	4.292%
86	27.086	4090	4097	4119	rVB	1986126	6916327	41.22%	3.279%

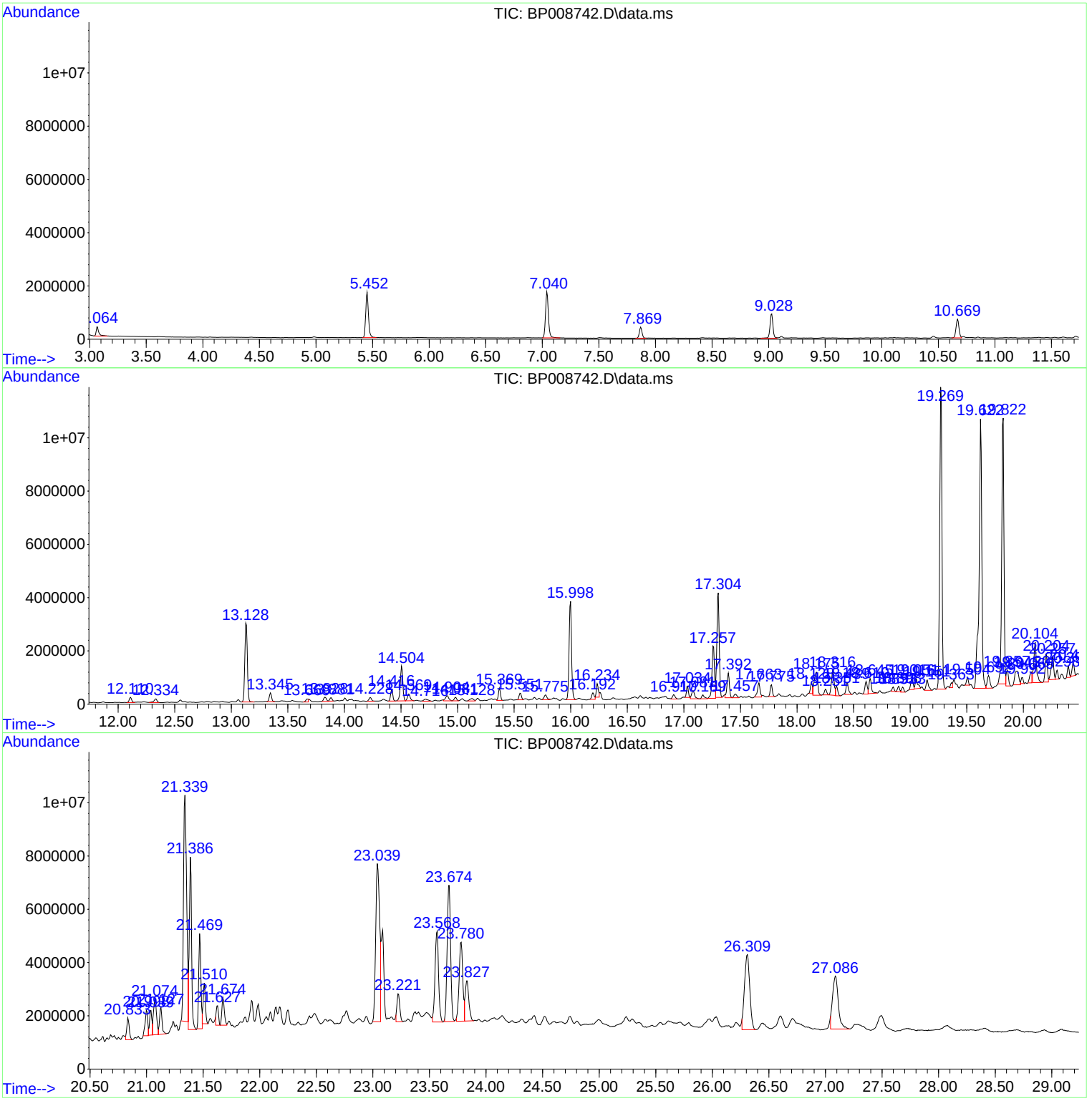
Sum of corrected areas: 210937188

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

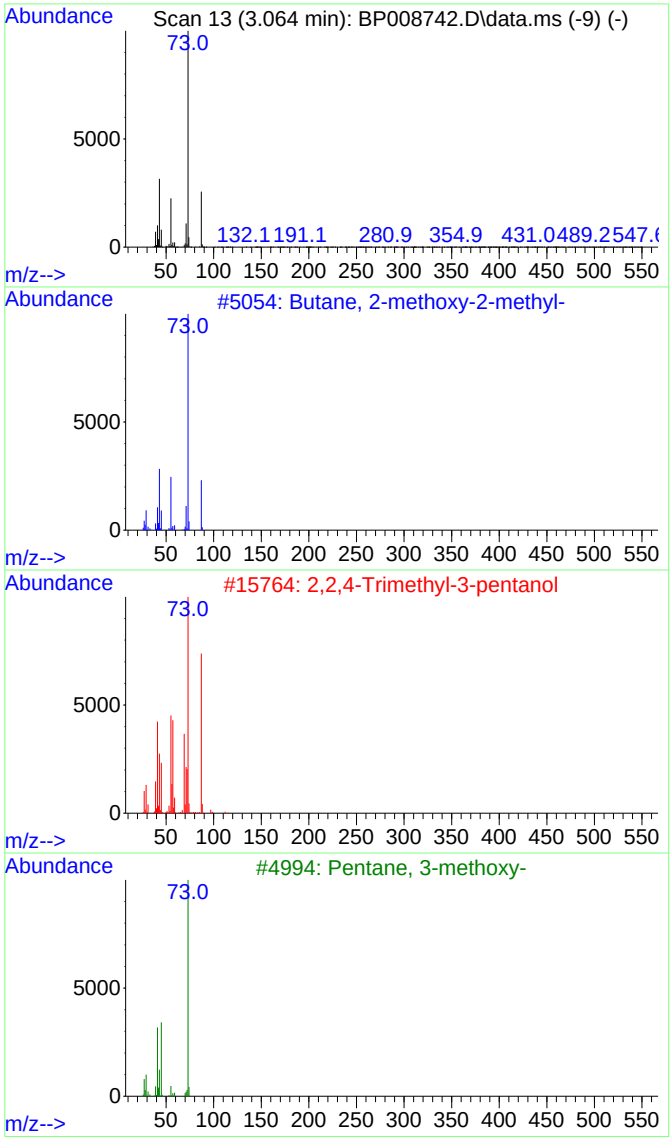
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

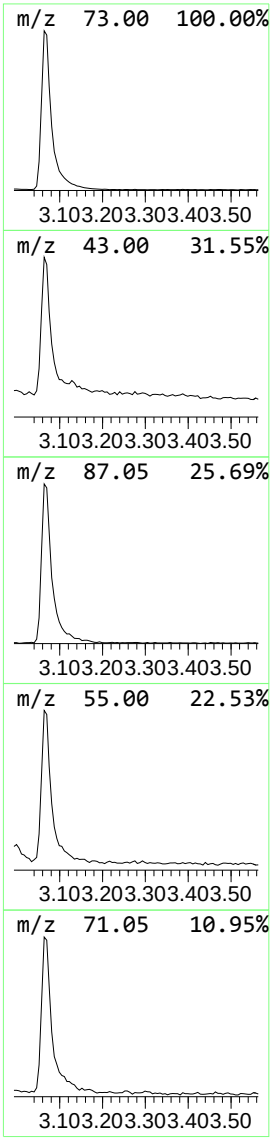
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.064	16.24 ng	557526	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

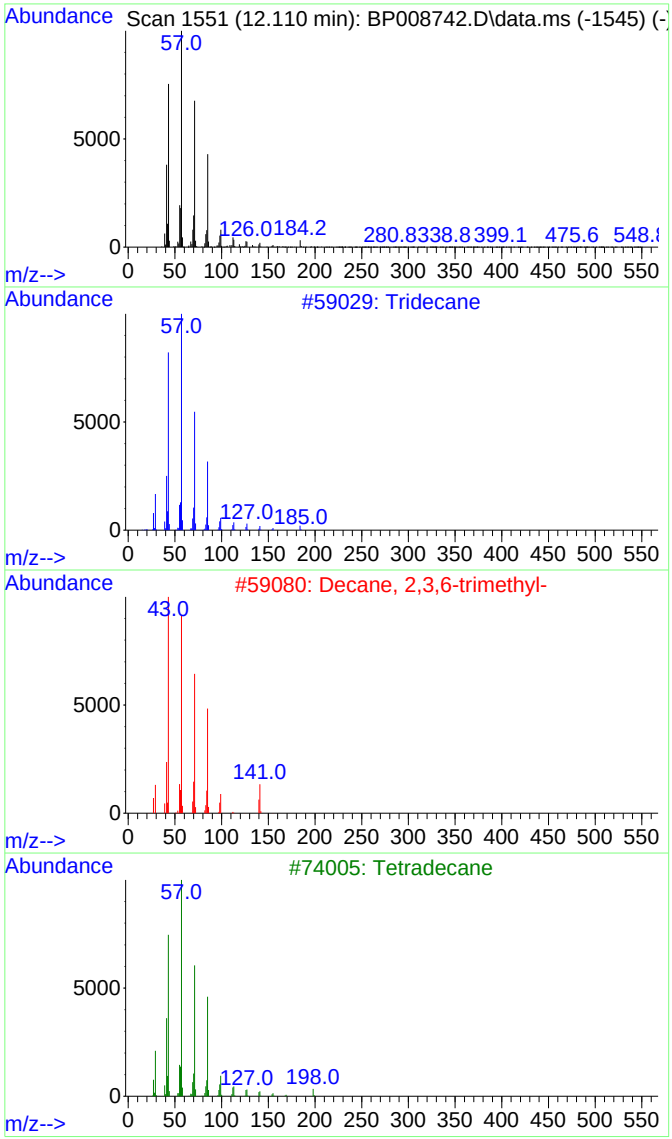
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

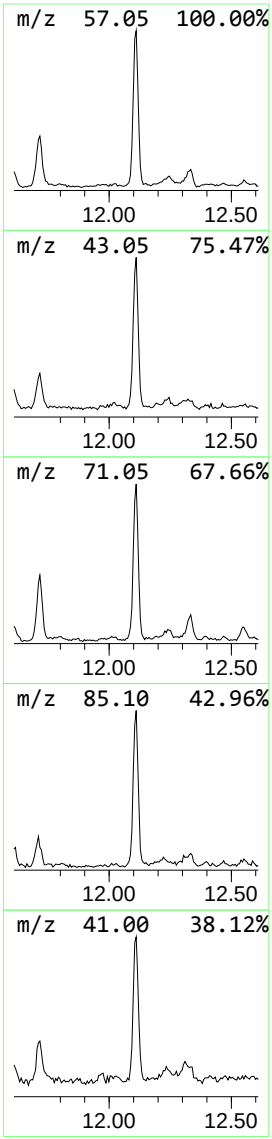
****

Peak Number 2 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	4.50 ng	286825	Naphthalene-d8	10.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

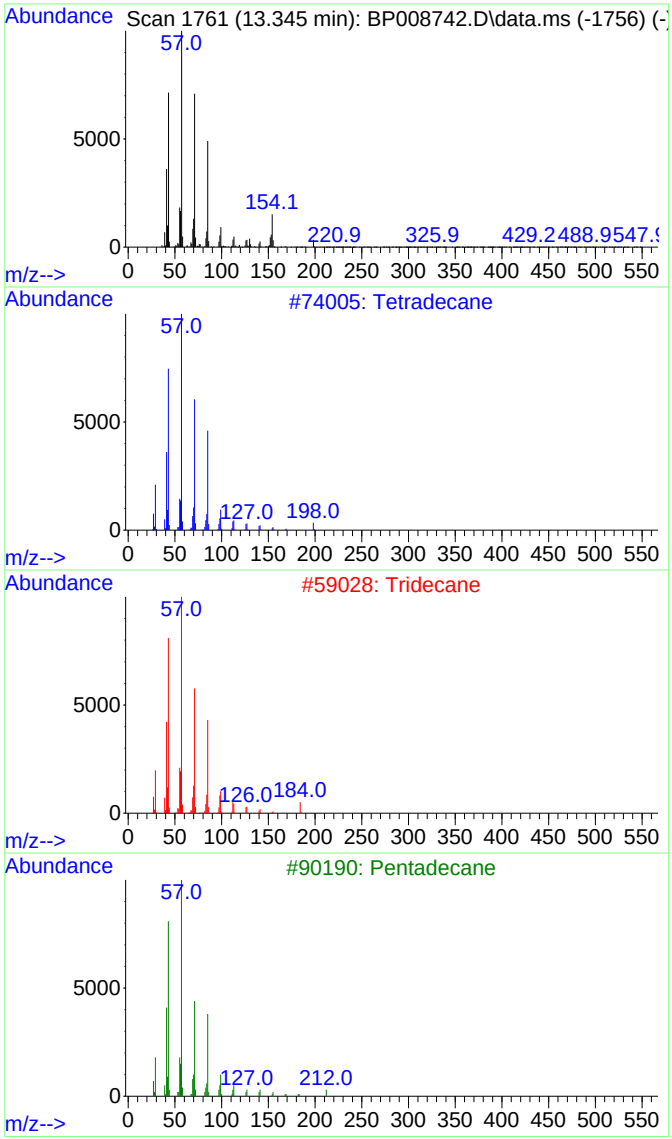
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

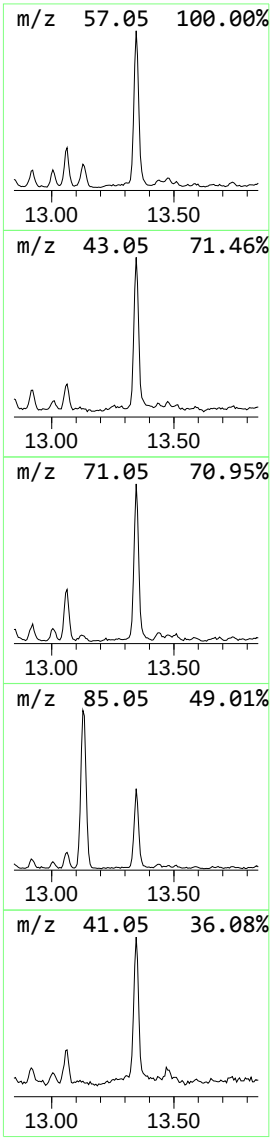
****

Peak Number 3 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.345	4.57 ng	451221	Acenaphthene-d10	14.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tridecane	184	C13H28	000629-50-5	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

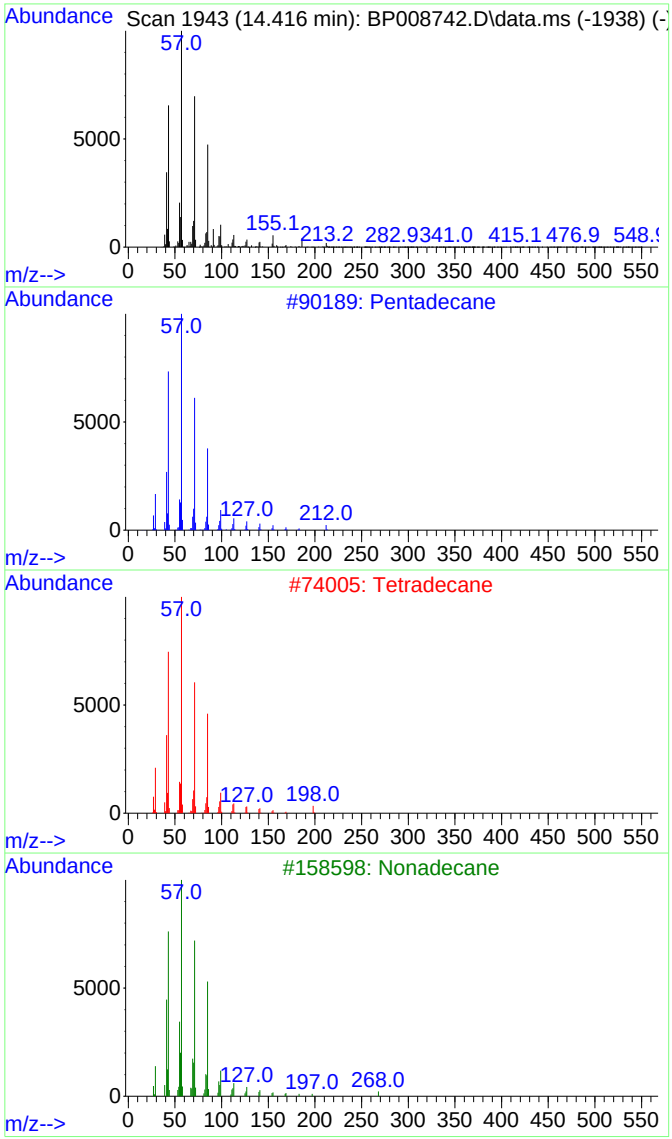
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

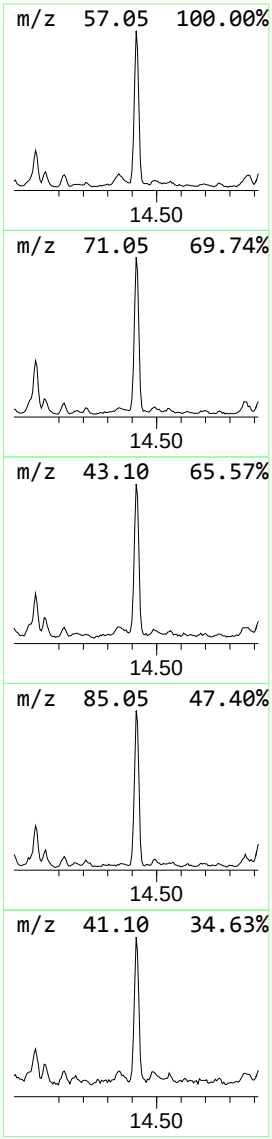
****

Peak Number 4 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.416	5.84 ng	576857	Acenaphthene-d10	14.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Tetradecane	198	C14H30	000629-59-4	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

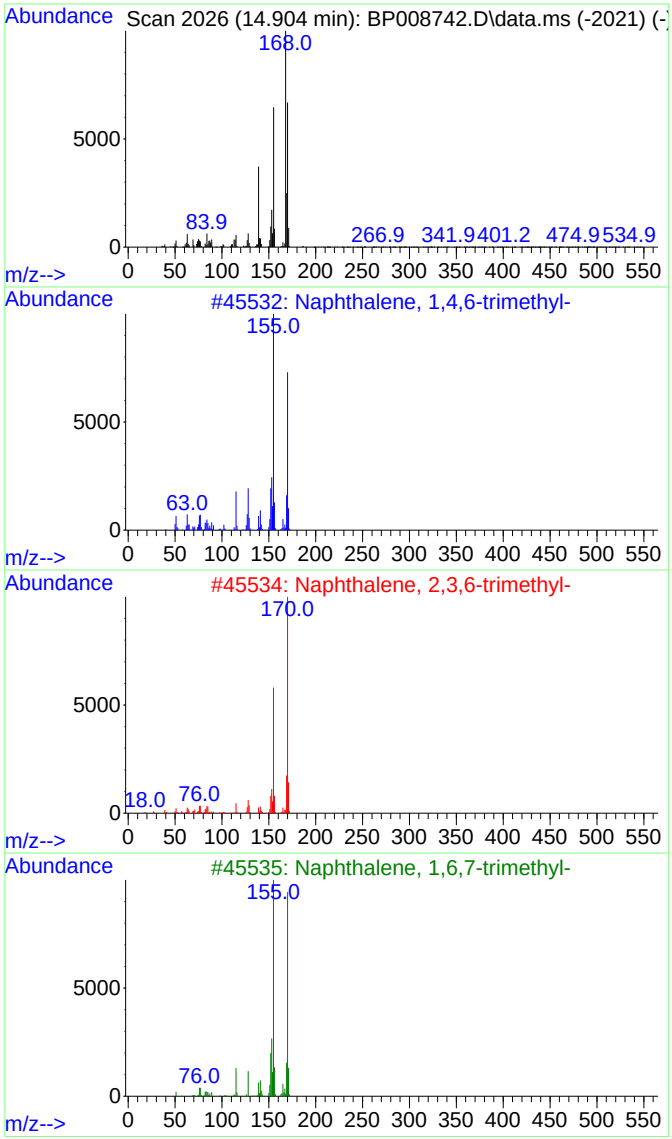
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

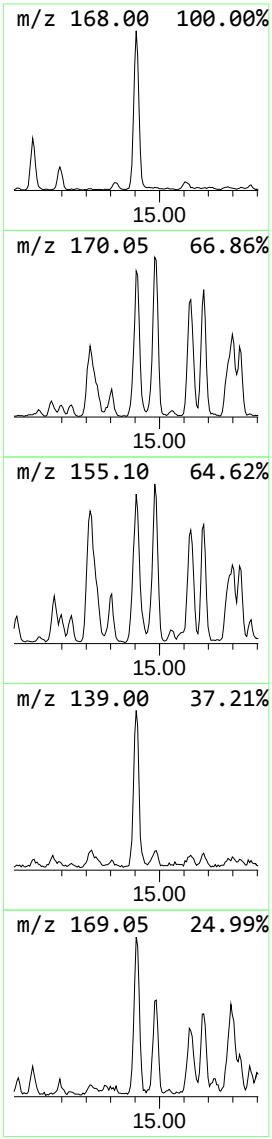
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.904	3.90 ng	385199	Acenaphthene-d10	14.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

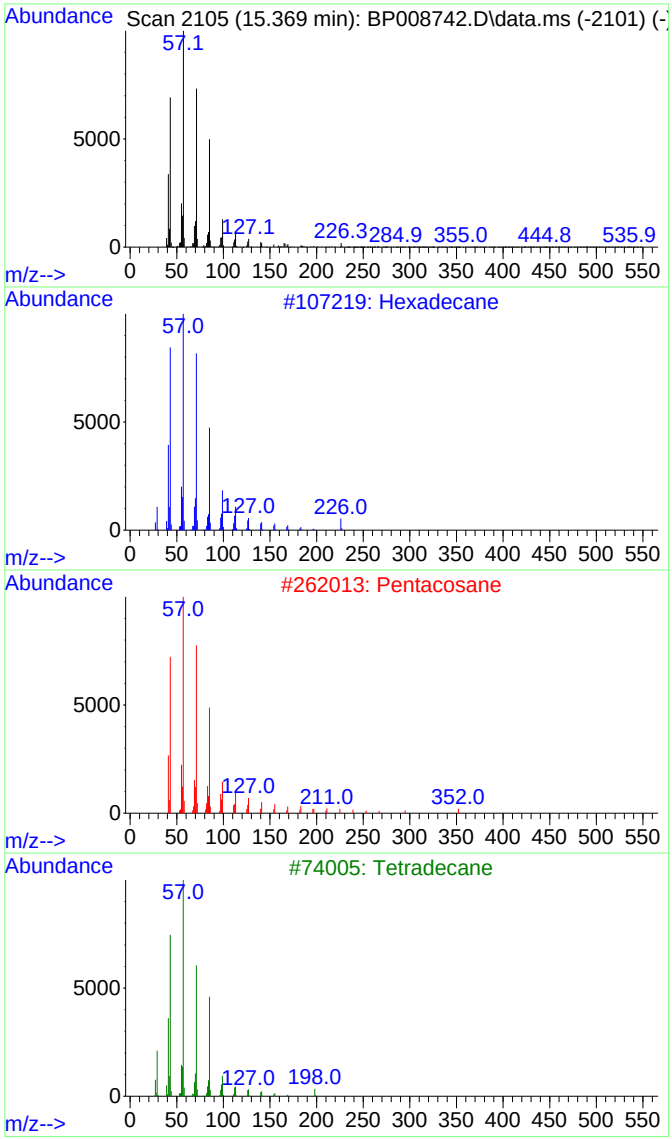
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

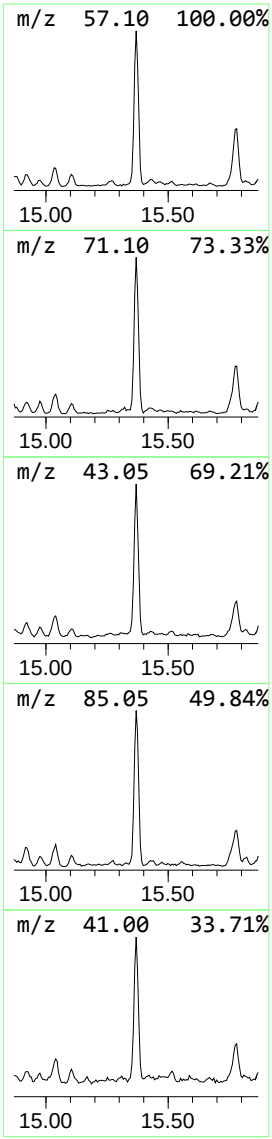
****

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.369	5.80 ng	572999	Acenaphthene-d10	14.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentacosane	352	C25H52	000629-99-2	94
3	Tetradecane	198	C14H30	000629-59-4	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Sample : N1069-01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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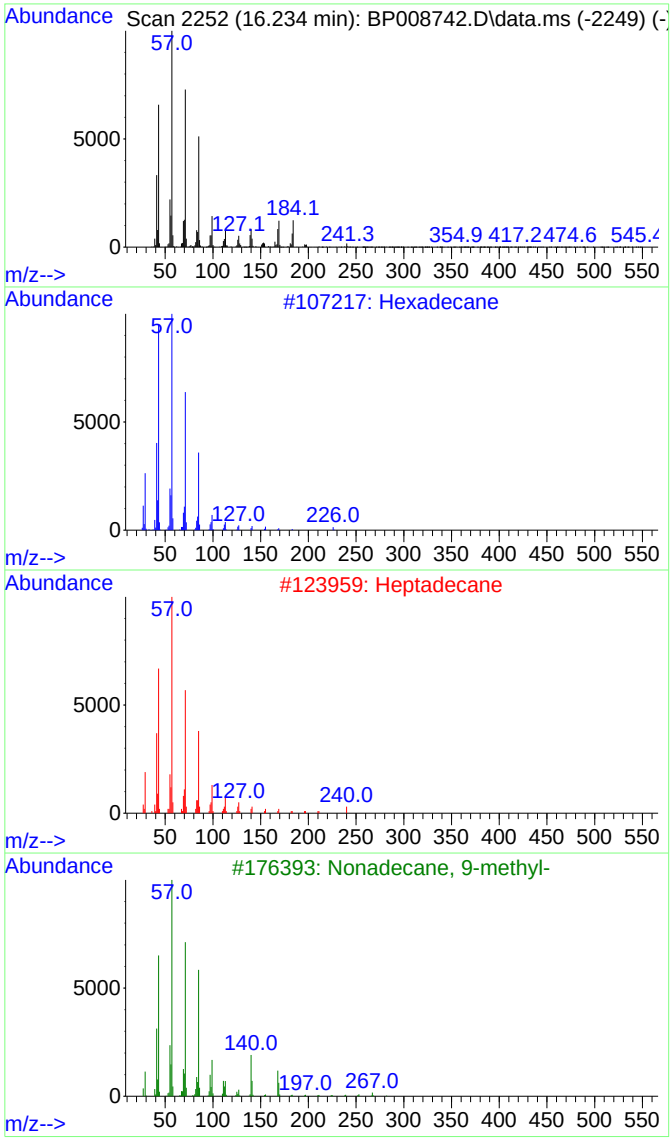
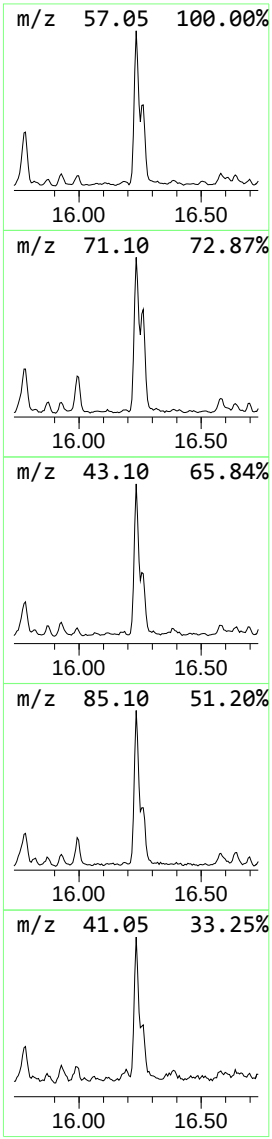
Peak Number 7 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	4.07 ng	630582	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane	240	C17H36	000629-78-7	90
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
4	Tridecane	184	C13H28	000629-50-5	83
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	80





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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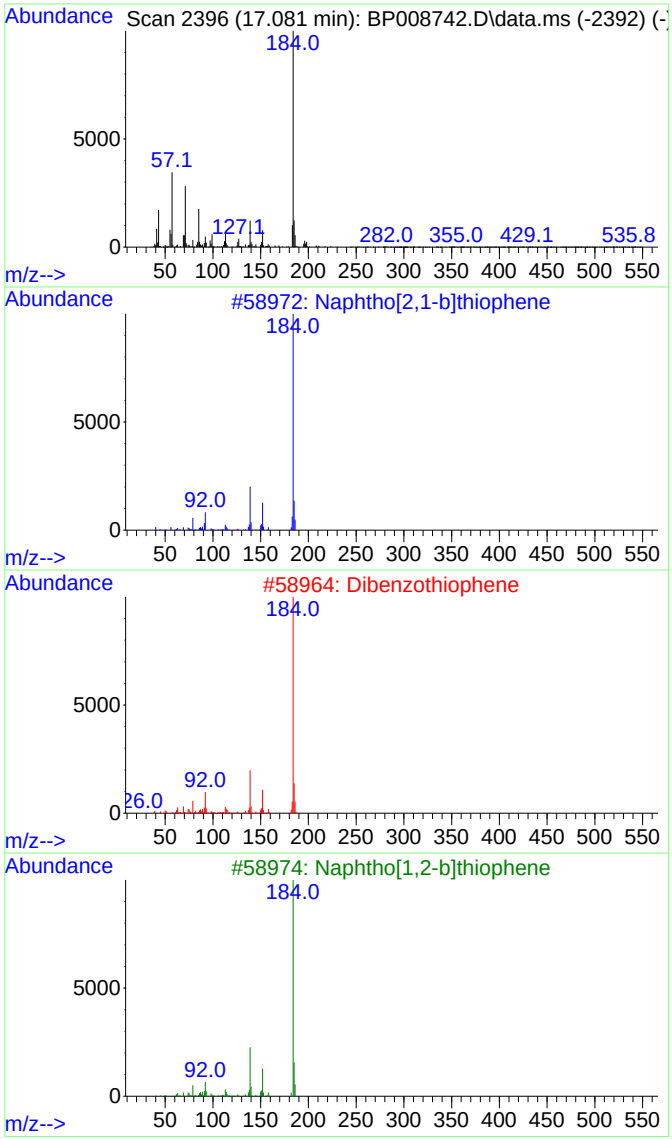
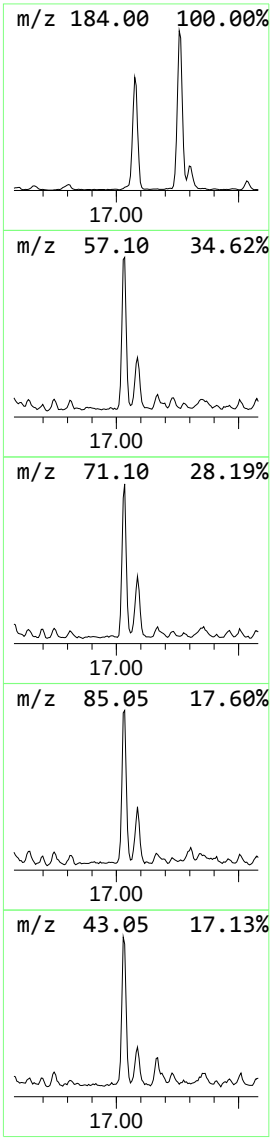
Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.081	3.64 ng	563967	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76
2	Dibenzothiophene	184	C12H8S	000132-65-0	76
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	70
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	68





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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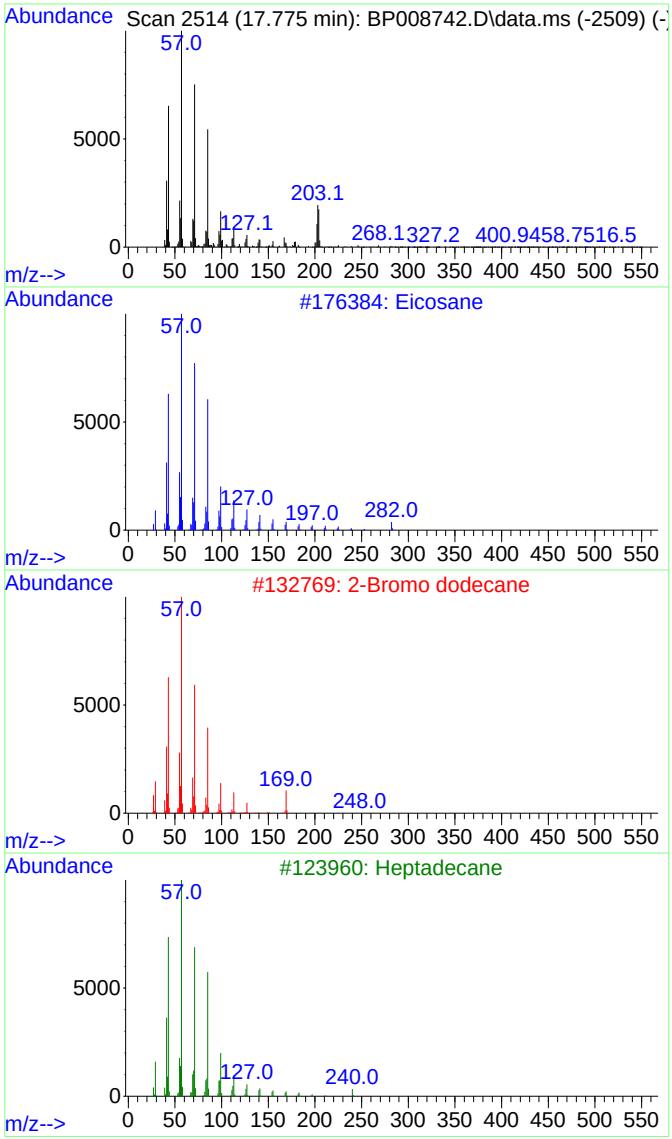
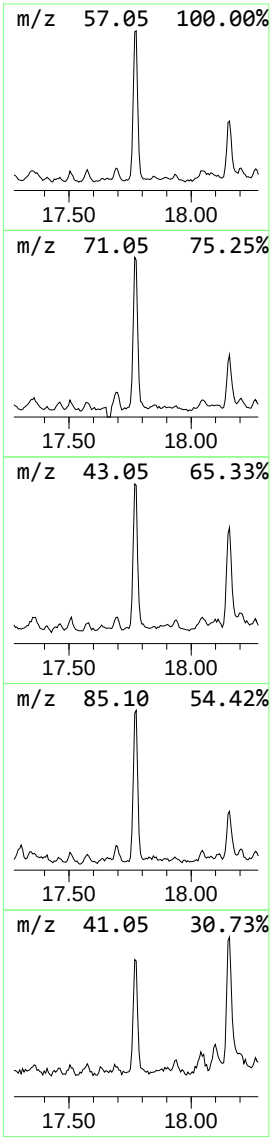
Peak Number 9 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.775	3.80 ng	588830	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	89
3	Heptadecane	240	C17H36	000629-78-7	76
4	Nonadecane	268	C19H40	000629-92-5	68
5	Tetradecane	198	C14H30	000629-59-4	64





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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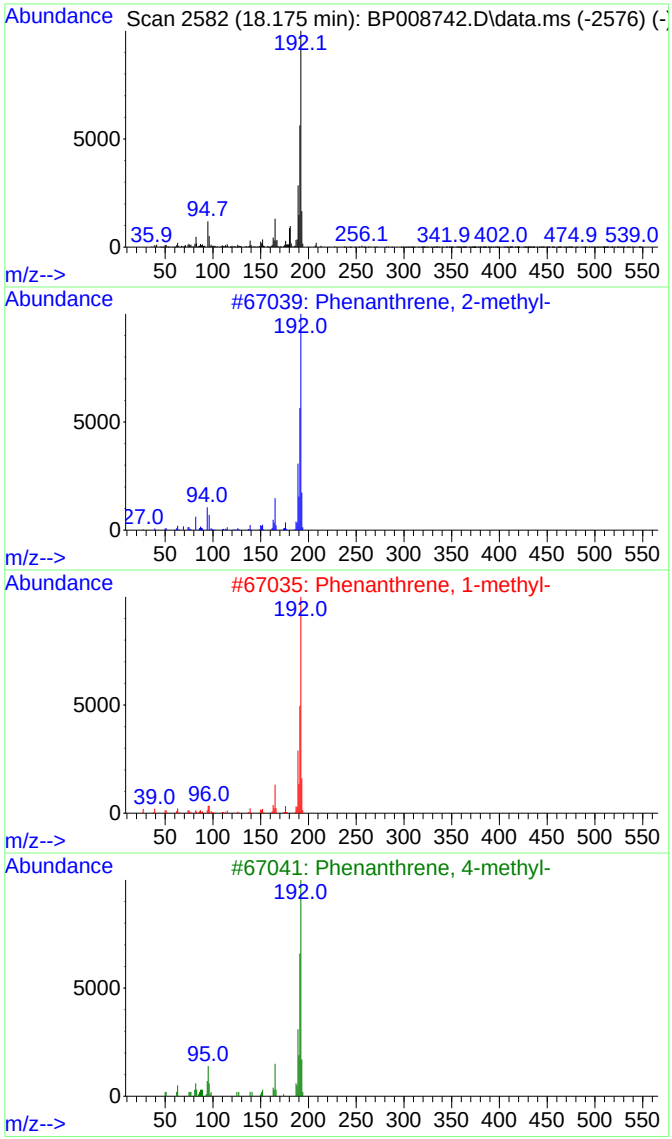
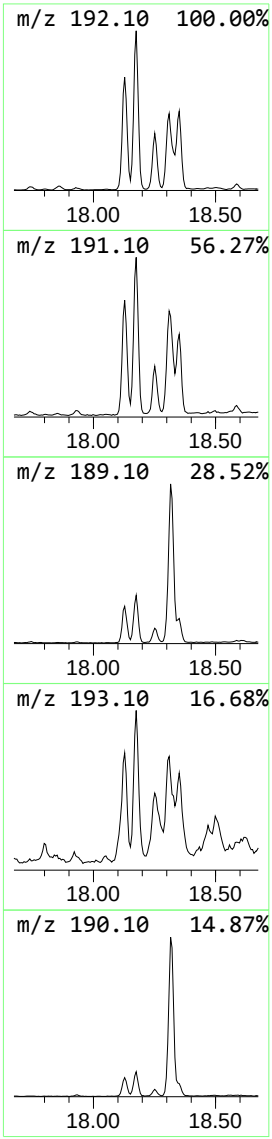
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	11.62 ng	1802680	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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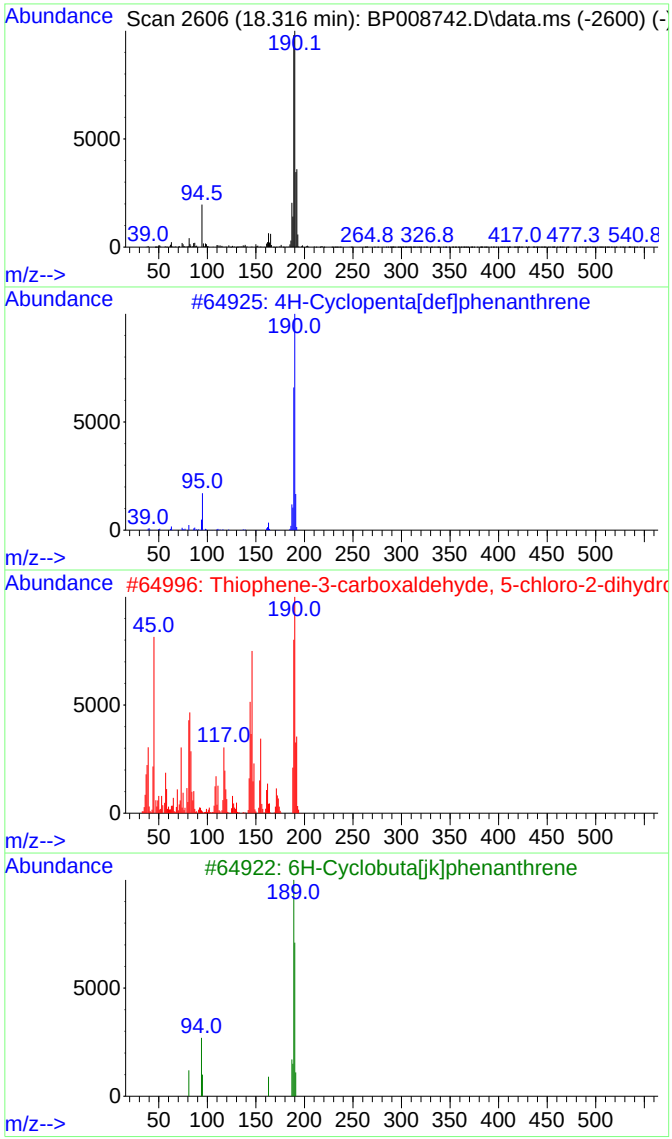
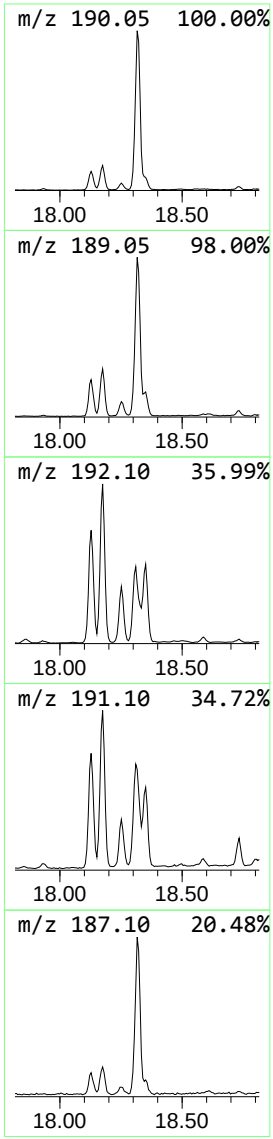
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	10.26 ng	1591210	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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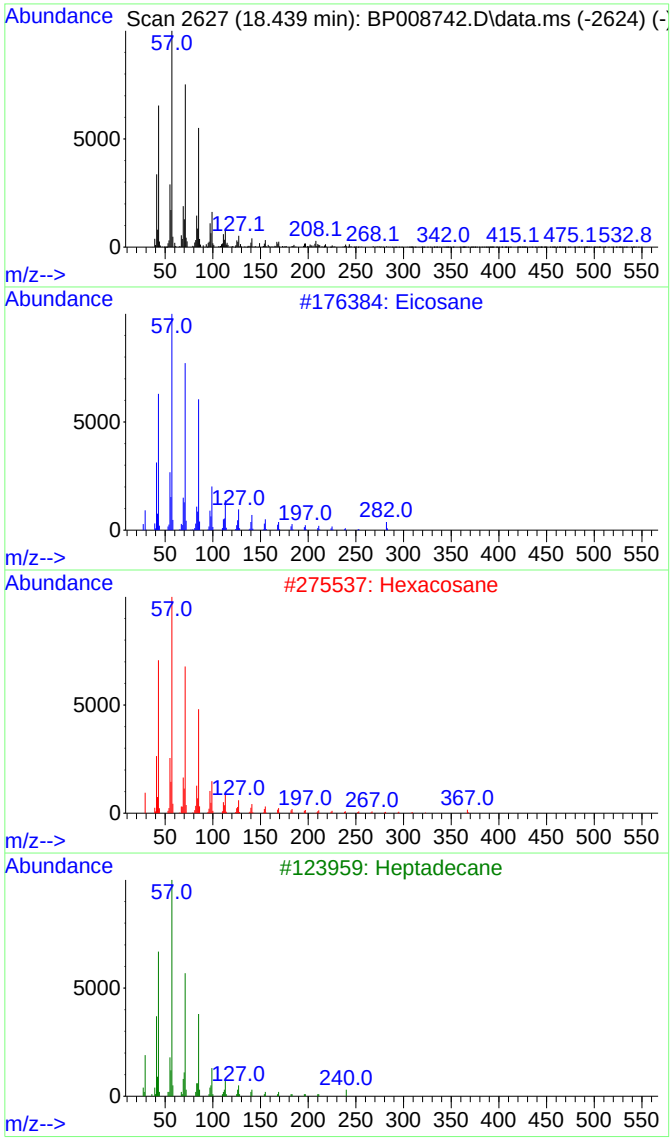
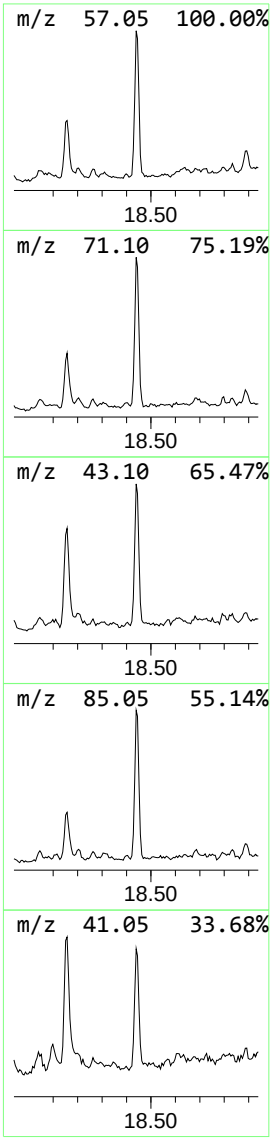
Peak Number 12 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.439	4.29 ng	665447	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Nonadecane	268	C19H40	000629-92-5	87





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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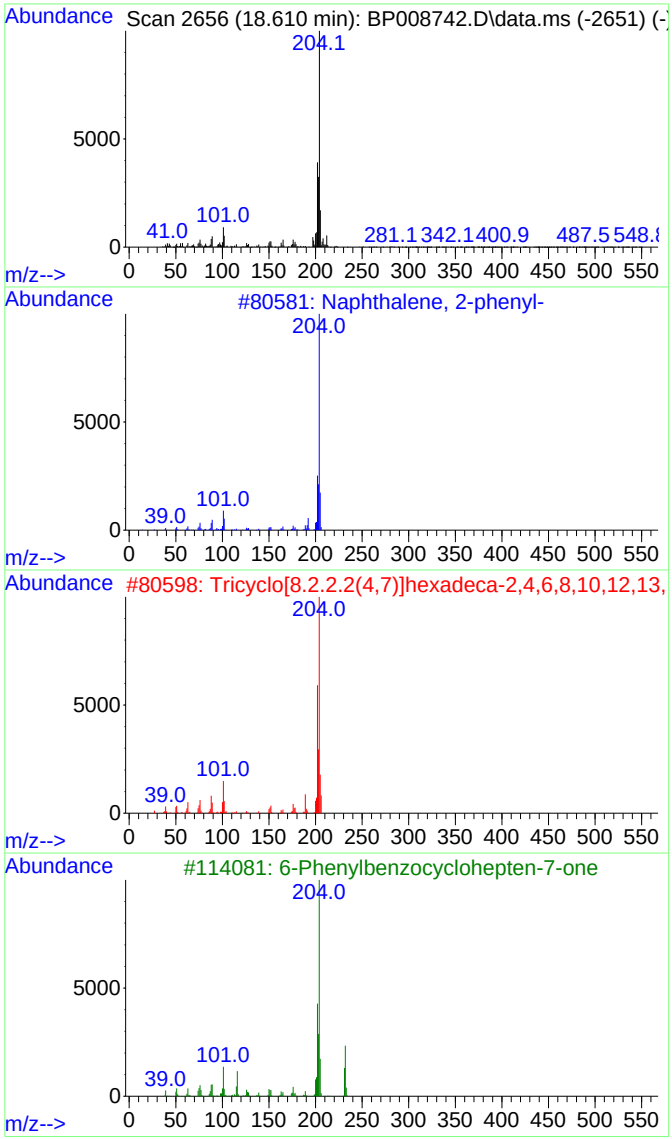
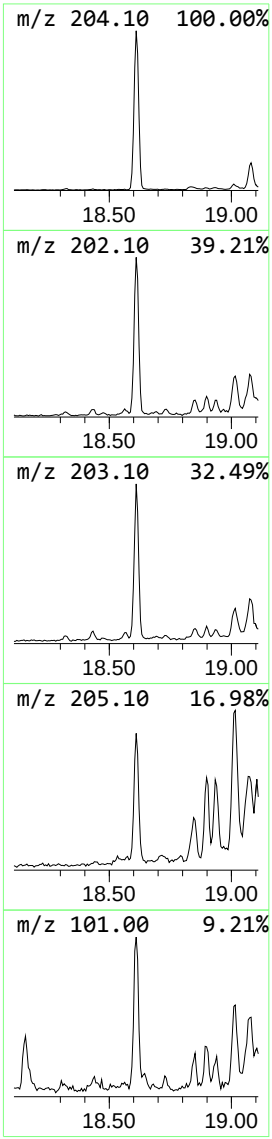
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	4.55 ng	705050	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	50
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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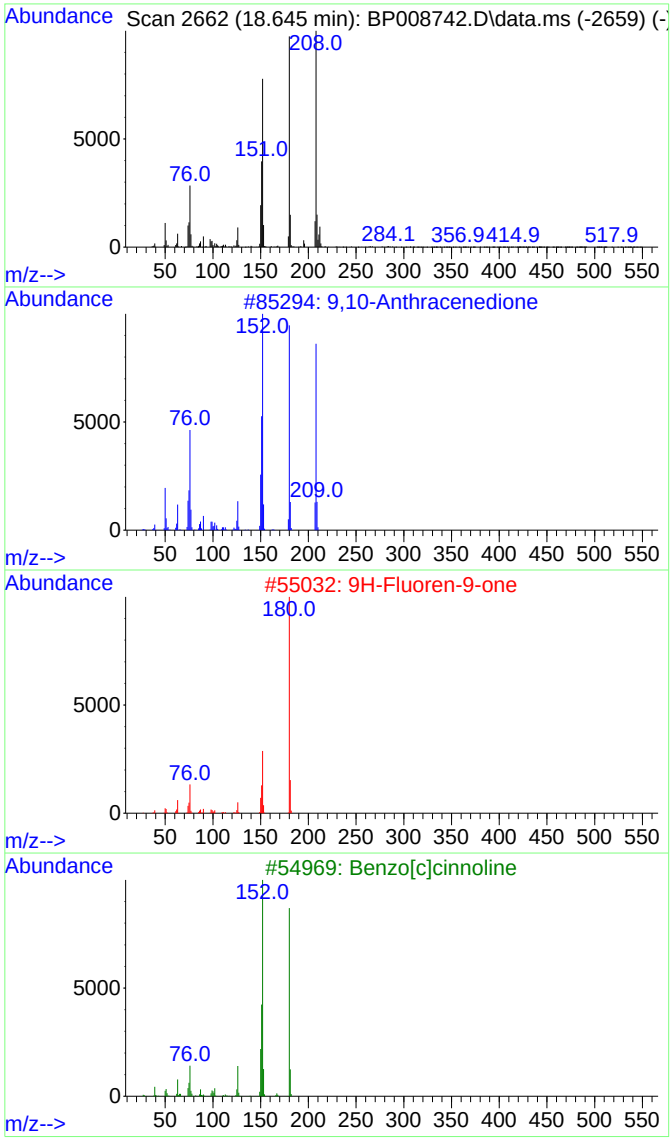
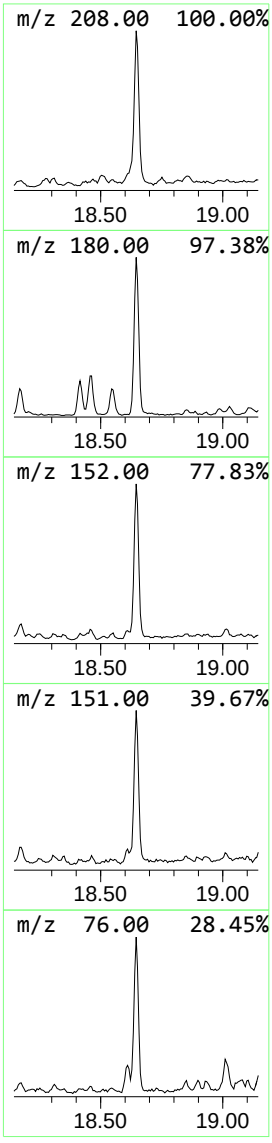
Peak Number 14 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	5.33 ng	826098	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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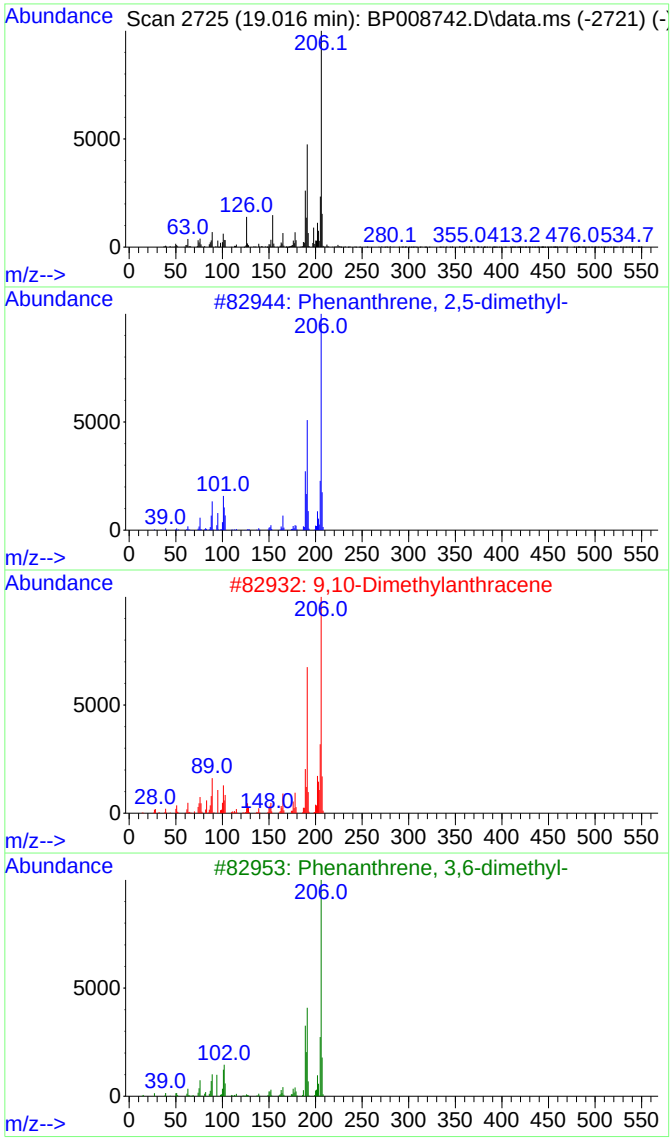
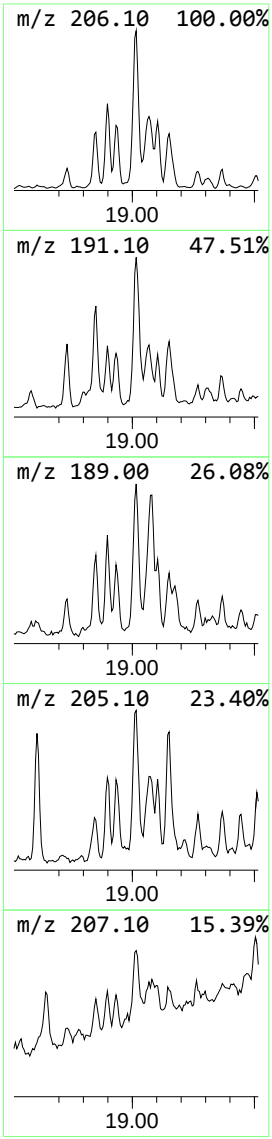
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	3.69 ng	572184	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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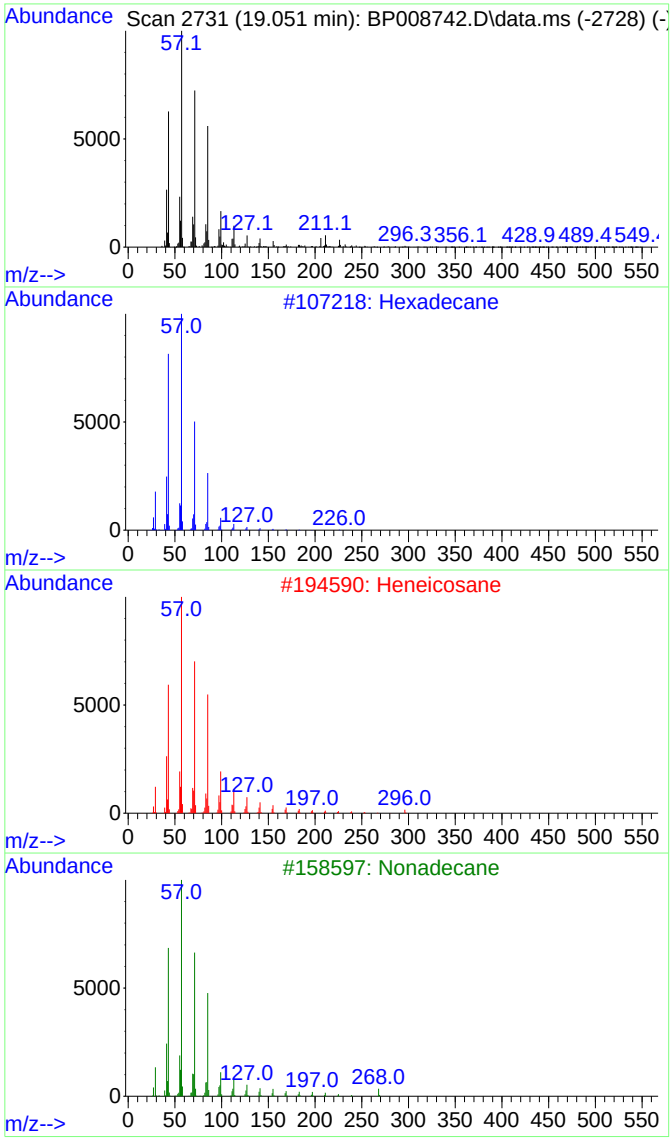
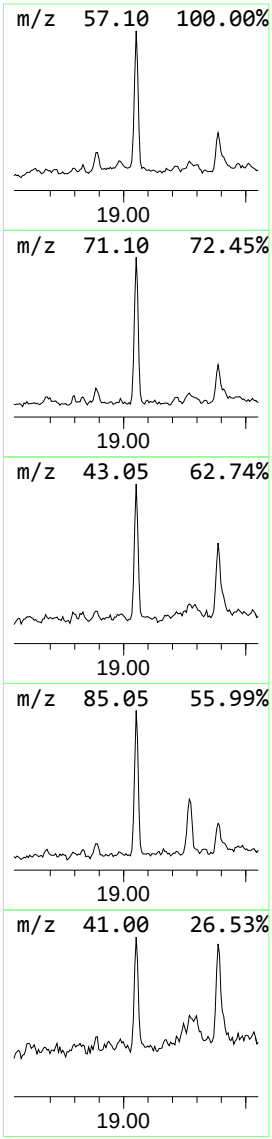
Peak Number 16 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	3.76 ng	583893	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heneicosane	296	C21H44	000629-94-7	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





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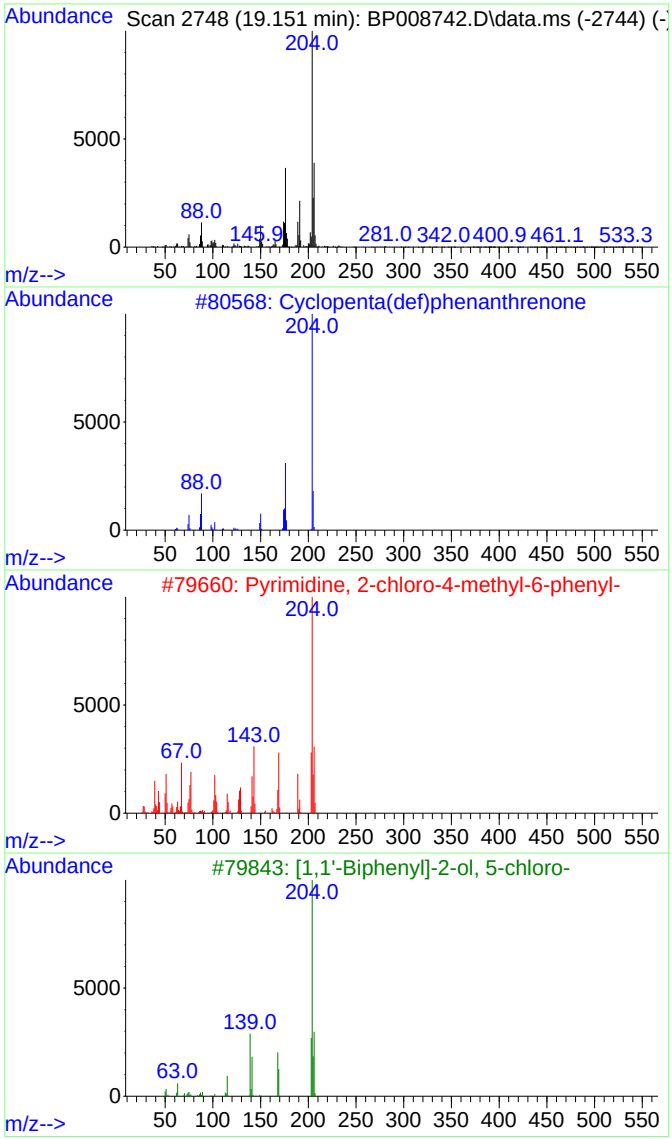
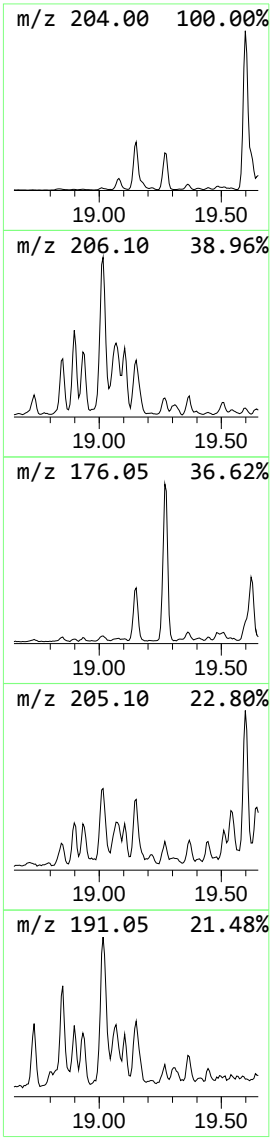
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	3.86 ng	599199	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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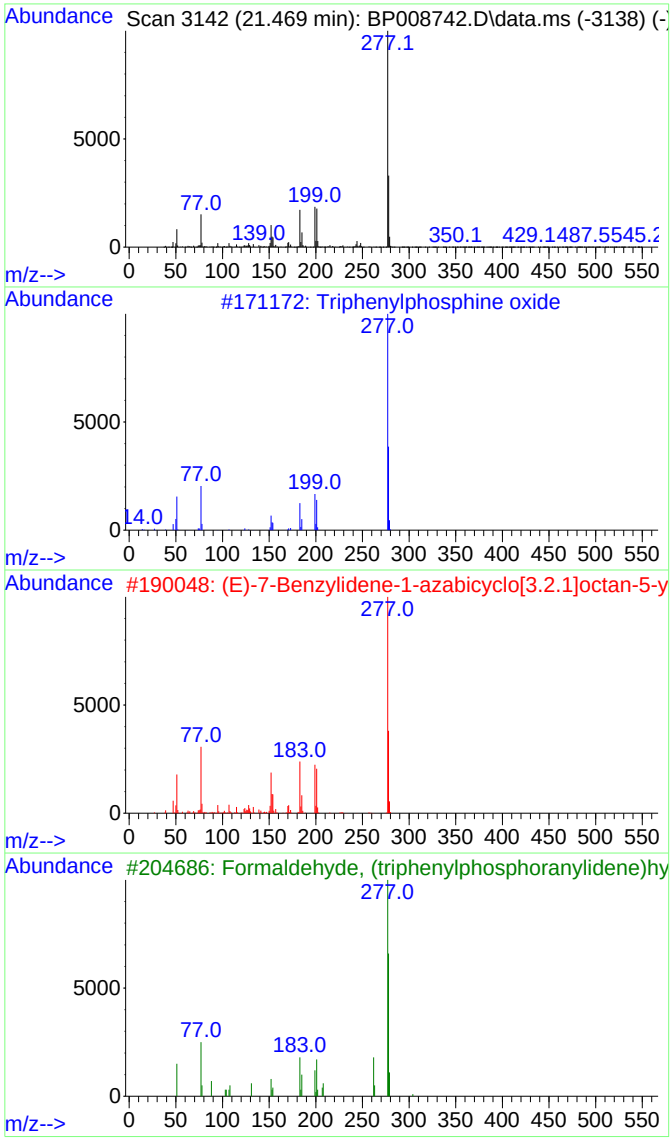
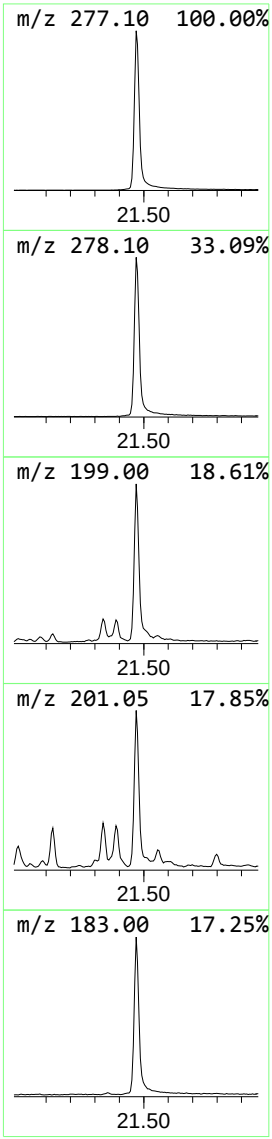
Peak Number 18 Triphenylphosphine oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.469	5.86 ng	4858680	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
5	Quinoline, 8-methyl-2-(2-methyl-...	278	C17H14N2O2	1000259-06-9	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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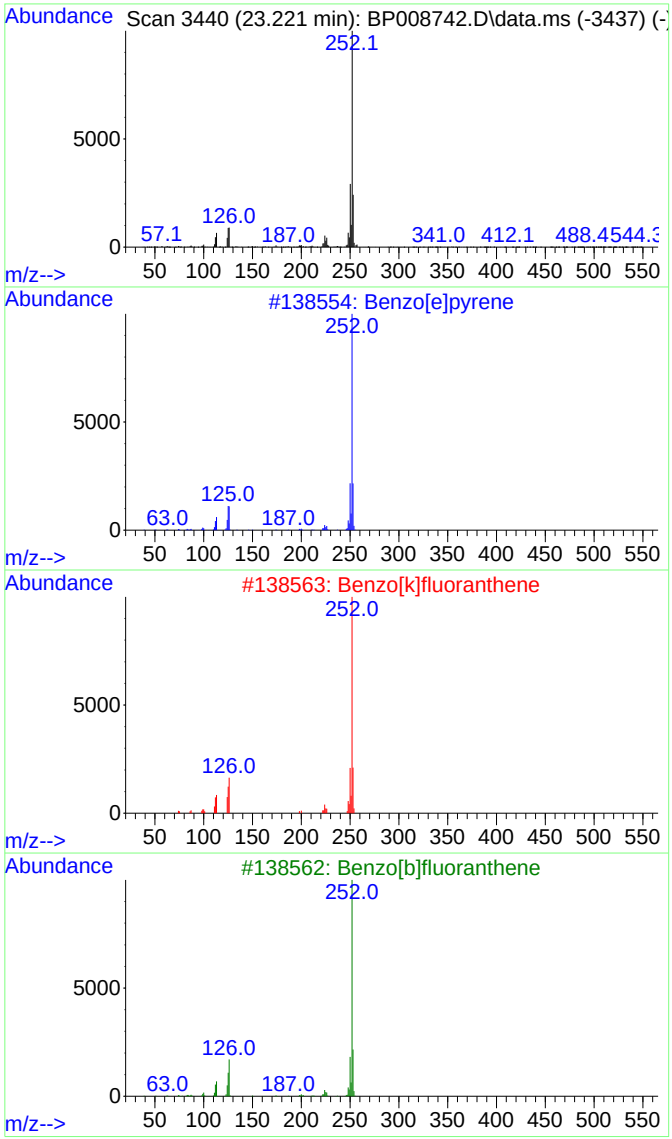
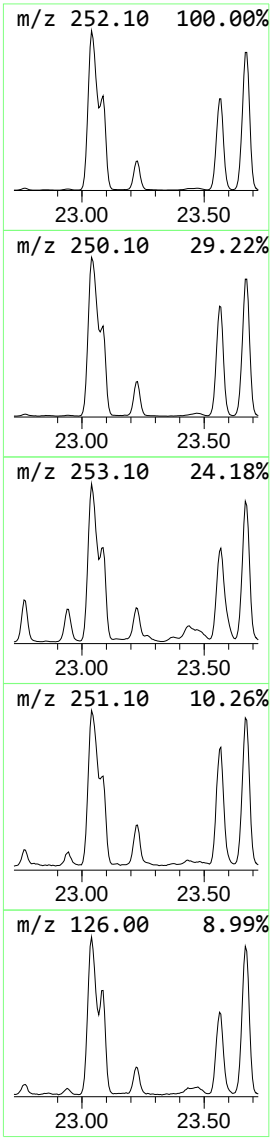
Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.221	5.30 ng	1794940	Perylene-d12	23.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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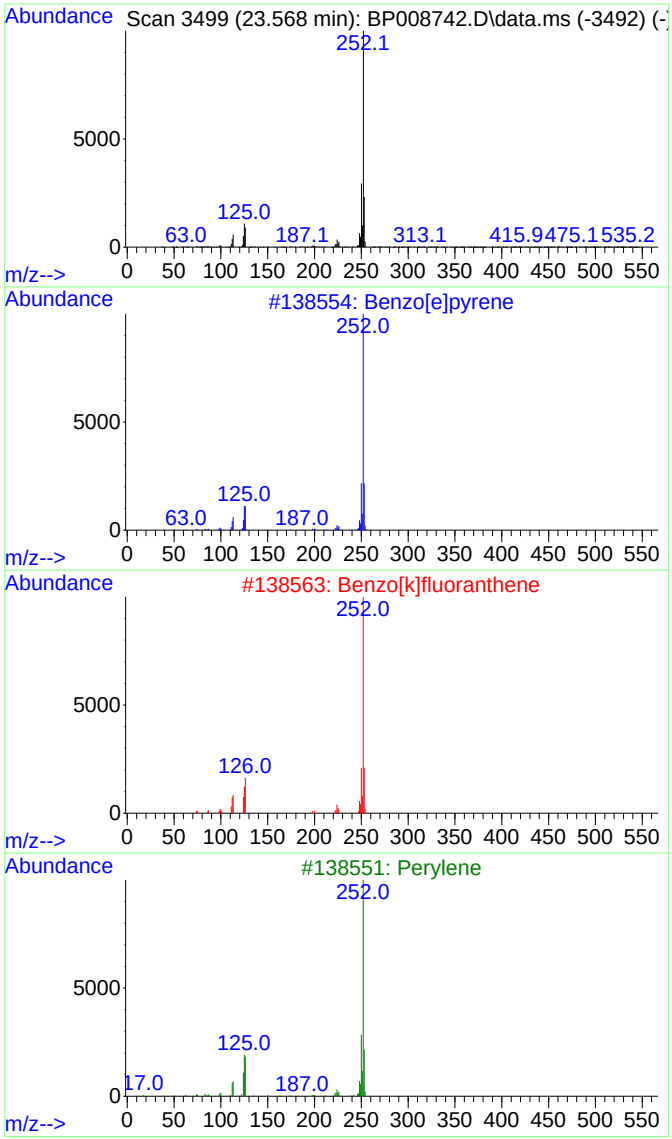
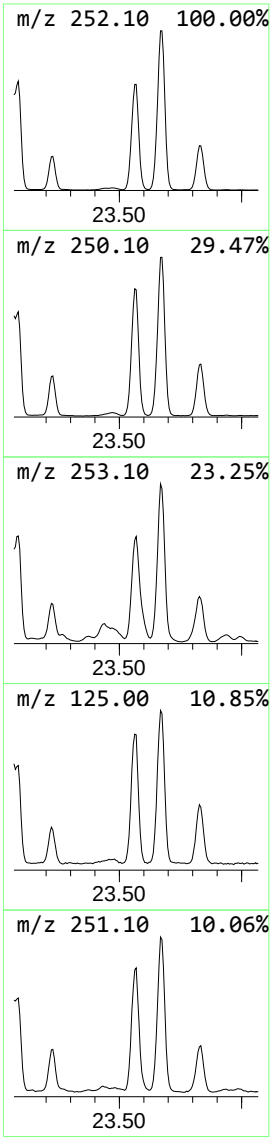
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.569	21.80 ng	7386380	Perylene-d12	23.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008742.D
Acq On : 08 Jan 2022 00:01
Operator : CG/JU
Sample : N1069-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.064	16.2	ng	557526	1	7.869	686502	20.0
Tridecane	12.110	4.5	ng	286825	2	10.669	1274050	20.0
Tetradecane	13.345	4.6	ng	451221	3	14.504	1974590	20.0
Pentadecane	14.416	5.8	ng	576857	3	14.504	1974590	20.0
Naphthalene, 1,...	14.904	3.9	ng	385199	3	14.504	1974590	20.0
Hexadecane	15.369	5.8	ng	572999	3	14.504	1974590	20.0
Heptadecane	16.233	4.1	ng	630582	4	17.257	3102500	20.0
Naphtho[2,1-b]t...	17.081	3.6	ng	563967	4	17.257	3102500	20.0
Eicosane	17.775	3.8	ng	588830	4	17.257	3102500	20.0
Phenanthrene, 2...	18.175	11.6	ng	1802680	4	17.257	3102500	20.0
4H-Cyclopenta[d...	18.316	10.3	ng	1591210	4	17.257	3102500	20.0
Hexacosane	18.439	4.3	ng	665447	4	17.257	3102500	20.0
Naphthalene, 2-...	18.610	4.5	ng	705050	4	17.257	3102500	20.0
9,10-Anthracene...	18.645	5.3	ng	826098	4	17.257	3102500	20.0
Phenanthrene, 2...	19.016	3.7	ng	572184	4	17.257	3102500	20.0
Heneicosane	19.051	3.8	ng	583893	4	17.257	3102500	20.0
Cyclopenta(def)...	19.151	3.9	ng	599199	4	17.257	3102500	20.0
Triphenylphosph...	21.469	5.9	ng	4858680	5	21.351	16586500	20.0
Benzo[e]pyrene	23.221	5.3	ng	1794940	6	23.780	6776680	20.0
Perylene	23.569	21.8	ng	7386380	6	23.780	6776680	20.0