LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008102.D
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

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-BP111921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008102.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	3	7	13	rBV	243519	326285	5.21%	0.442%
2	4.946	328	333	342	rBV	142003	202358	3.23%	0.274%
3	5.410	405	412	425	rBV	723444	1055299	16.86%	1.431%
4	6.998	672	682	695	rBV	695797	1142416	18.25%	1.549%
5	7.822	814	822	829	rBV	780222	1247587	19.93%	1.691%
6	8.981	1012	1019	1028	rBV	422067	700988	11.20%	0.950%
7	10.616	1288	1297	1303	rBV	1016672	1793525	28.65%	2.431%
8	11.322	1408	1417	1422	rBV10	21404	69896	1.12%	0.095%
9	11.657	1469	1474	1483	rBV2	63666	139189	2.22%	0.189%
10	12.057	1536	1542	1547	rBV	95502	154891	2.47%	0.210%
11	12.281	1576	1580	1587	rVB3	61764	107433	1.72%	0.146%
12	12.498	1612	1617	1621	rBV2	42275	81197	1.30%	0.110%
13	13.010	1700	1704	1709	rVV	101686	138692	2.22%	0.188%
14	13.086	1710	1717	1726	rVV	1005760	1538244	24.57%	2.085%
15	13.298	1746	1753	1760	rBV	184648	296414	4.73%	0.402%
16	13.392	1765	1769	1775	rBV4	30967	73134	1.17%	0.099%
17	13.786	1831	1836	1840	rBV	57185	97303	1.55%	0.132%
18	13.957	1862	1865	1868	rVB2	89163	105550	1.69%	0.143%
19	14.186	1898	1904	1909	rBV	129999	233015	3.72%	0.316%
20	14.304	1920	1924	1930	rVB6	44200	95279	1.52%	0.129%
21	14.375	1931	1936	1940	rVB	251361	328654	5.25%	0.446%
22	14.463	1944	1951	1957	rVV	1465520	2234301	35.69%	3.029%
23	14.527	1957	1962	1970	rVB	145277	226525	3.62%	0.307%
24	14.863	2015	2019	2027	rVB	176004	298843	4.77%	0.405%
25	14.939	2029	2032	2037	rVB2	55644	74628	1.19%	0.101%
26	14.992	2038	2041	2049	rVB4	89765	146838	2.35%	0.199%
27	15.086	2050	2057	2061	rBV2	62781	158655	2.53%	0.215%
28	15.292	2088	2092	2094	rBV	78904	102741	1.64%	0.139%
29	15.327	2094	2098	2103	rVB	304397	376342	6.01%	0.510%
30	15.516	2125	2130	2134	rBV	229881	345352	5.52%	0.468%
31	15.733	2161	2167	2176	rBV	142627	278188	4.44%	0.377%
32	15.810	2177	2180	2190	rVB3	85766	183890	2.94%	0.249%
33	15.957	2199	2205	2213	rVB	812445	1231760	19.67%	1.670%
34	16.192	2241	2245	2248	rBV	383964	529584	8.46%	0.718%
35	16.574	2306	2310	2313	rBV3	61537	82561	1.32%	0.112%
36	16.874	2357	2361	2368	rVB	203572	304539	4.86%	0.413%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008102.D
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

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-BP111921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.992	2377	2381	2385	rVV	273623	330137	5.27%	0.448%
38	17.039	2385	2389	2400	rVB2	277590	495439	7.91%	0.672%
39	17.221	2415	2420	2424	rBV	1538001	2295497	36.67%	3.112%
40	17.263	2424	2427	2435	rVV	2095321	2968688	47.42%	4.025%
41	17.357	2438	2443	2448	rVB	568785	828596	13.23%	1.123%
42	17.421	2449	2454	2459	rBV3	77654	140985	2.25%	0.191%
43	17.627	2486	2489	2492	rBV	128768	155935	2.49%	0.211%
44	17.733	2503	2507	2512	rBV2	293014	398899	6.37%	0.541%
45	17.804	2516	2519	2529	rVB3	127778	222062	3.55%	0.301%
46	17.904	2531	2536	2541	rBV	2788506	3367667	53.79%	4.566%
47	18.010	2551	2554	2558	rBV6	55130	84505	1.35%	0.115%
48	18.092	2564	2568	2570	rBV	373550	476804	7.62%	0.646%
49	18.127	2570	2574	2582	rVV2	946447	1756908	28.06%	2.382%
50	18.221	2586	2590	2594	rVV	162239	252702	4.04%	0.343%
51	18.280	2595	2600	2604	rVV2	510257	923904	14.76%	1.253%
52	18.316	2604	2606	2611	rVB	275905	319487	5.10%	0.433%
53	18.404	2618	2621	2630	rVB	235006	345318	5.52%	0.468%
54	18.574	2646	2650	2654	rBV	230029	320935	5.13%	0.435%
55	18.621	2654	2658	2667	rVB3	153321	269113	4.30%	0.365%
56	18.863	2696	2699	2703	rBV2	107124	123166	1.97%	0.167%
57	19.010	2715	2724	2726	rBV2	4645723	6034749	96.39%	8.181%
58	19.039	2726	2729	2733	rVB	5074702	6260709	100.00%	8.488%
59	19.121	2739	2743	2747	rBV	187421	287400	4.59%	0.390%
60	19.168	2747	2751	2755	rVB	1453556	1574104	25.14%	2.134%
61	19.239	2755	2763	2771	rBV	3277927	5382555	85.97%	7.297%
62	19.333	2777	2779	2781	rBV2	102379	115474	1.84%	0.157%
63	19.357	2781	2783	2786	rVB	222233	215554	3.44%	0.292%
64	19.521	2809	2811	2814	rVB2	161384	171244	2.74%	0.232%
65	19.592	2814	2823	2832	rVB	2344542	3868879	61.80%	5.245%
66	19.668	2832	2836	2840	rBV2	147471	214465	3.43%	0.291%
67	19.792	2852	2857	2860	rVB	1184086	1463759	23.38%	1.984%
68	19.827	2860	2863	2868	rVB2	146580	203639	3.25%	0.276%
69	19.910	2873	2877	2884	rBV2	166307	386032	6.17%	0.523%
70	20.004	2891	2893	2895	rBV2	97377	76469	1.22%	0.104%
71	20.039	2896	2899	2900	rBV3	158517	168457	2.69%	0.228%
72	20.074	2903	2905	2908	rVB	297046	315214	5.03%	0.427%
73	20.174	2919	2922	2925	rVB	275576	313328	5.00%	0.425%
74	20.233	2928	2932	2935	rVV3	423726	558593	8.92%	0.757%
75	20.268	2936	2938	2942	rVB2	151027	192883	3.08%	0.261%
76	20.368	2952	2955	2958	rBV	164672	182296	2.91%	0.247%

LSC Area Percent Report

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Data File : BP008102.D
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

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-BP111921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.410	2960	2962	2966	rVB	200995	242049	3.87%	0.328%
78	20.810	3027	3030	3042	rVB2	211532	484089	7.73%	0.656%
79	21.010	3061	3064	3067	rBV	184763	191715	3.06%	0.260%
80	21.045	3067	3070	3075	rVB3	243566	395672	6.32%	0.536%
81	21.315	3110	3116	3120	rBV2	1853024	3702811	59.14%	5.020%
82	21.357	3120	3123	3133	rVB	1167885	1559884	24.92%	2.115%
83	21.480	3141	3144	3150	rBV	211341	274492	4.38%	0.372%
84	22.998	3396	3402	3407	rBV	890678	2056208	32.84%	2.788%
85	23.515	3486	3490	3498	rVB	494876	960571	15.34%	1.302%
86	23.621	3503	3508	3516	rVB	857650	1716958	27.42%	2.328%
87	23.721	3520	3525	3531	rVV2	824860	1613882	25.78%	2.188%

Sum of corrected areas: 73762977

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
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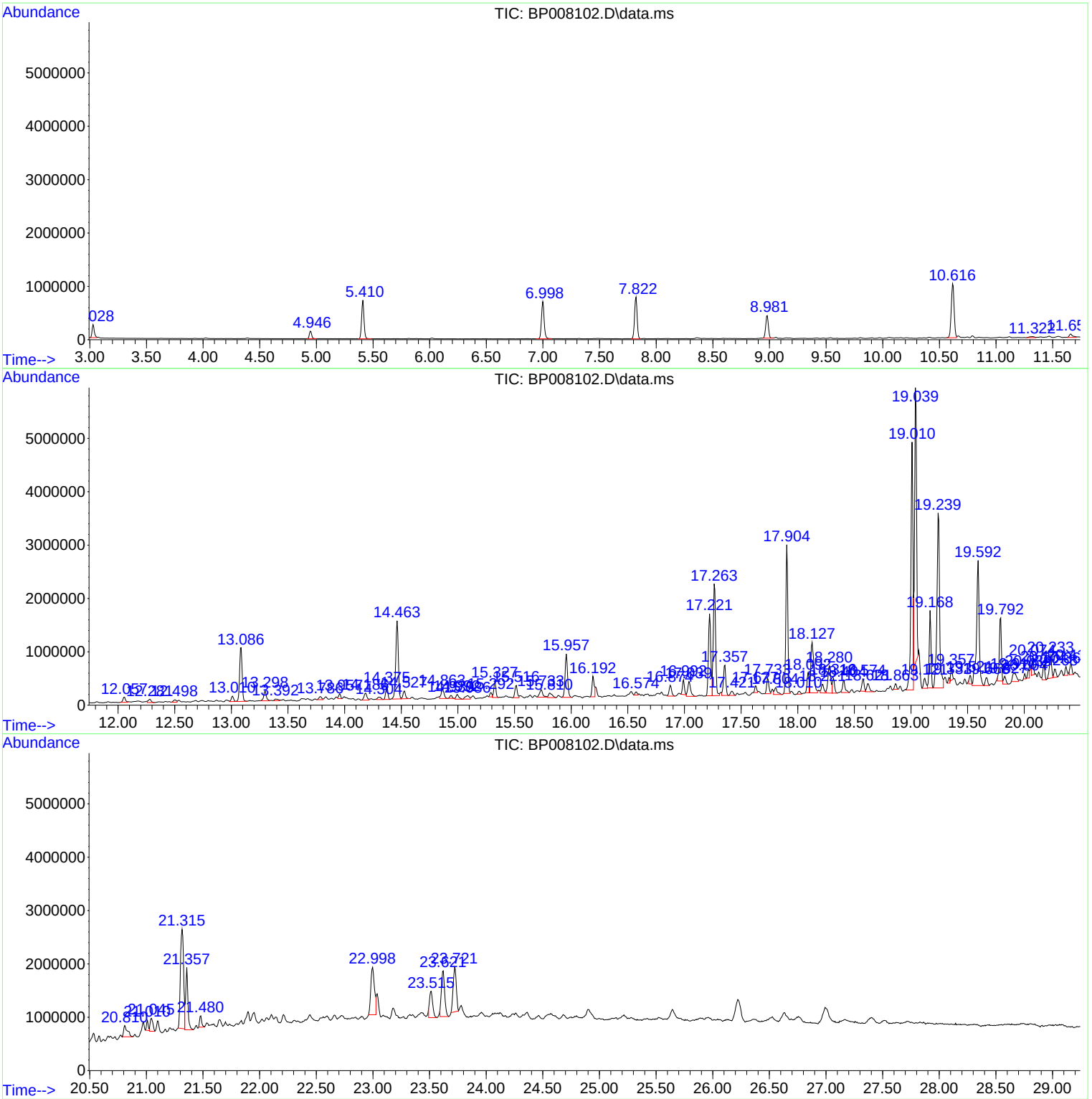
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.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\BP112321\
Data File : BP008102.D
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

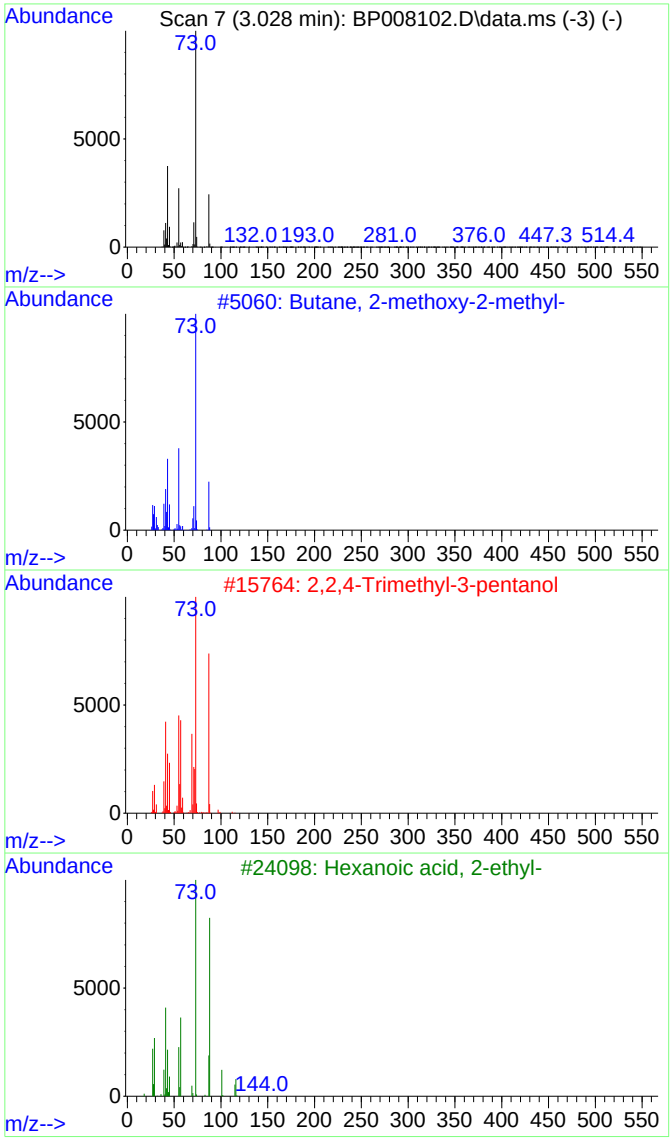
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

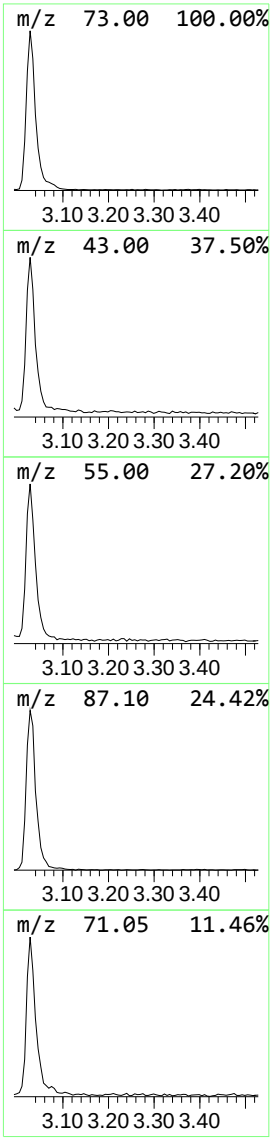
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.028	5.23 ng	326285	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	36
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008102.D
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

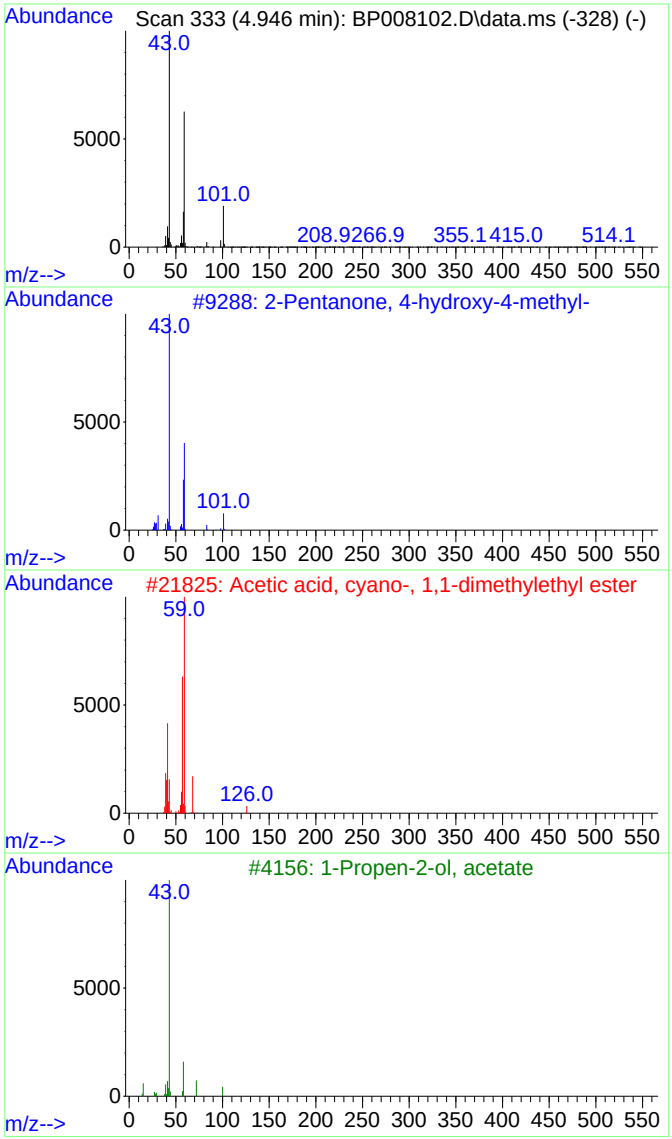
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

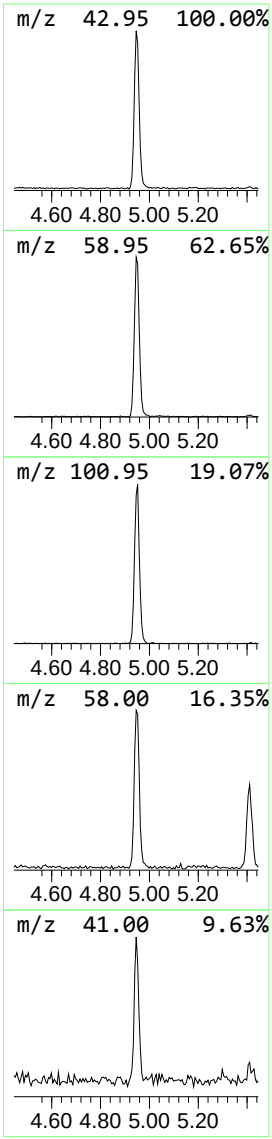
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.946	3.24 ng	202358	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008102.D
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

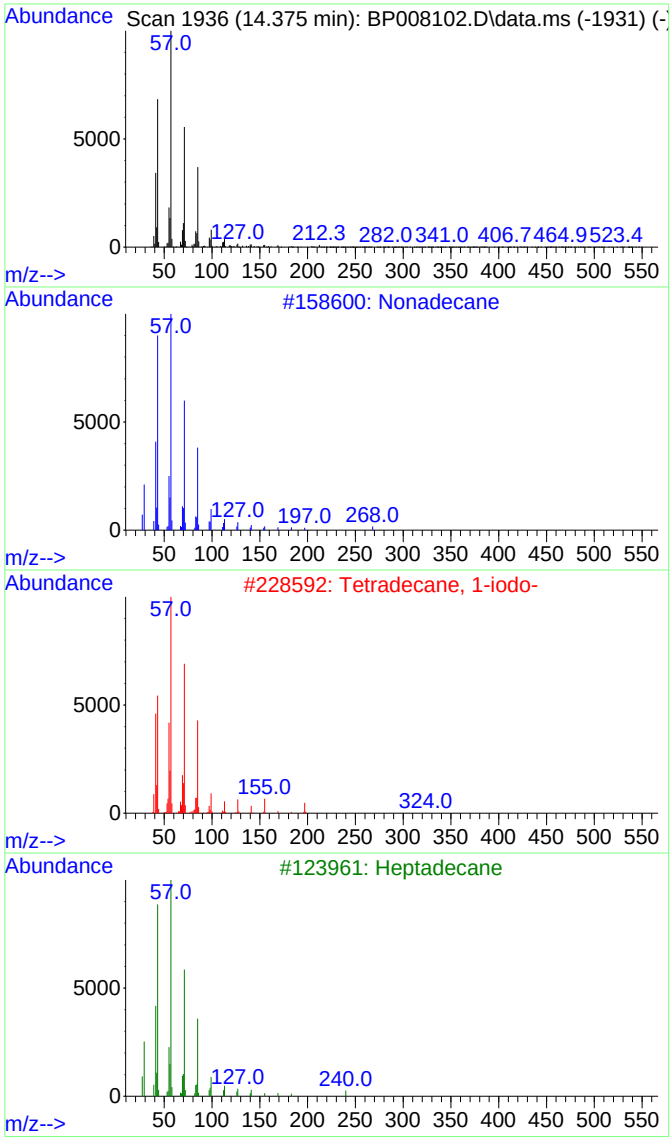
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

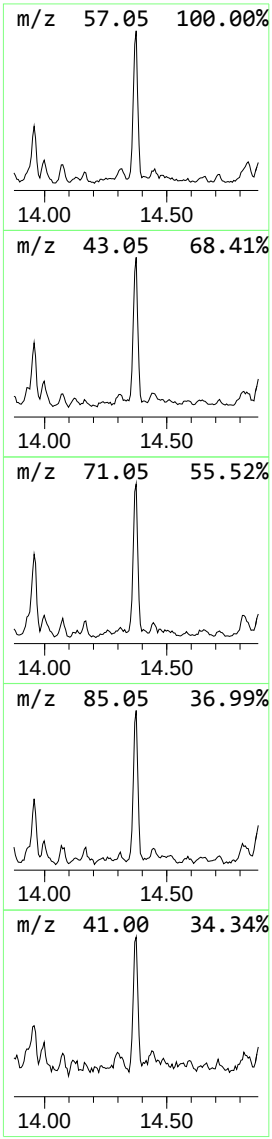
****

Peak Number 3 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.375	2.94 ng	328654	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	80





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Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
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PL-1-112221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.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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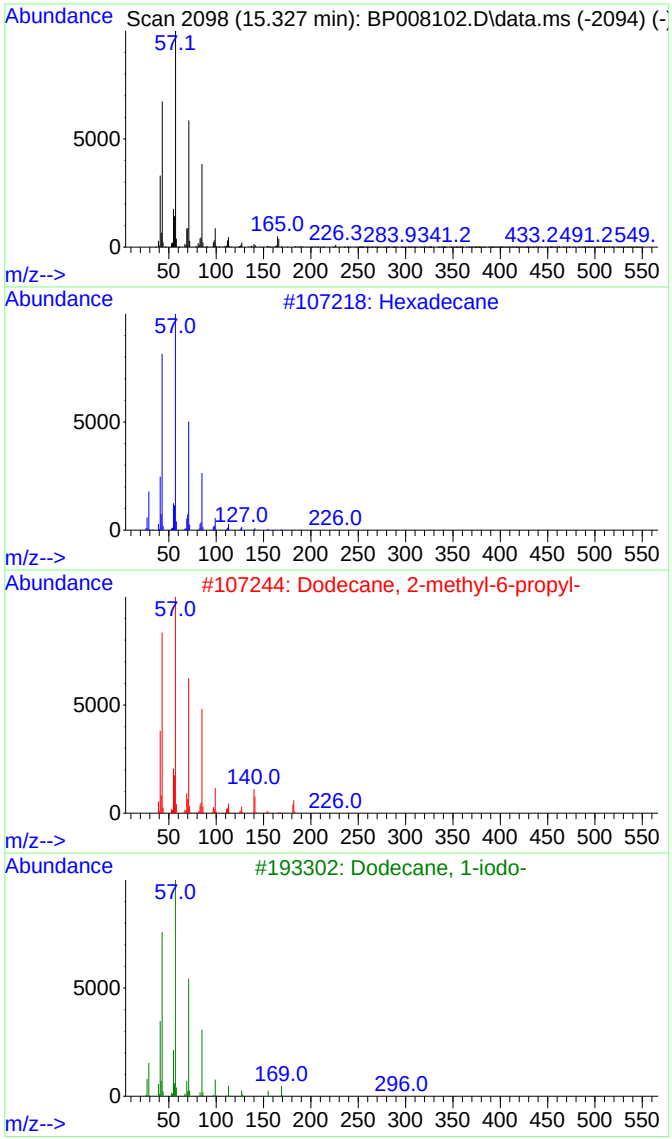
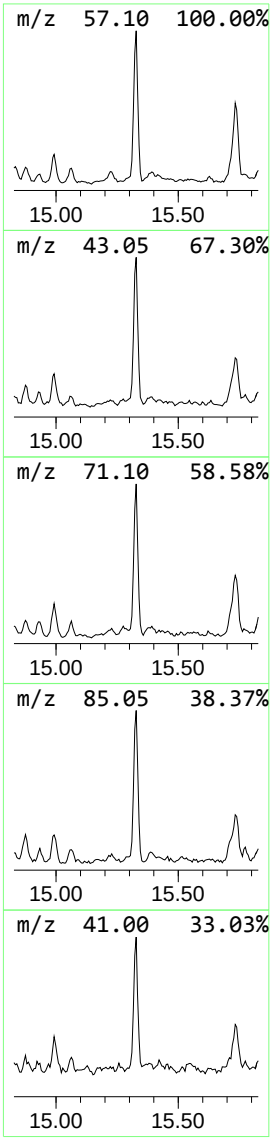
Peak Number 4 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.328	3.37 ng	376342	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008102.D
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.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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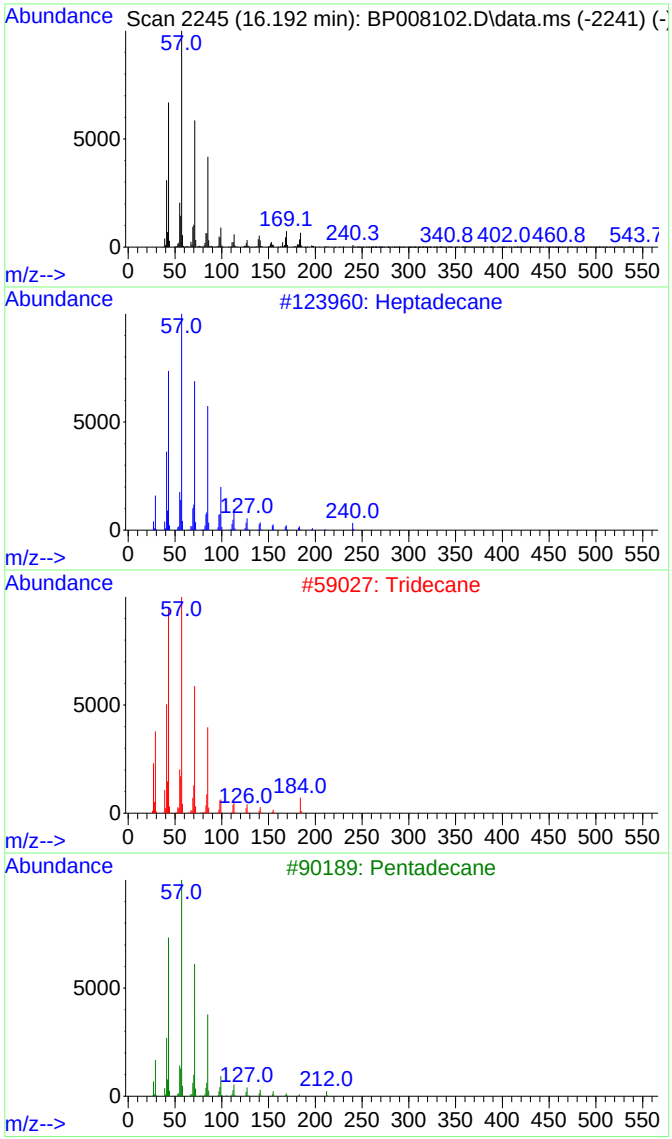
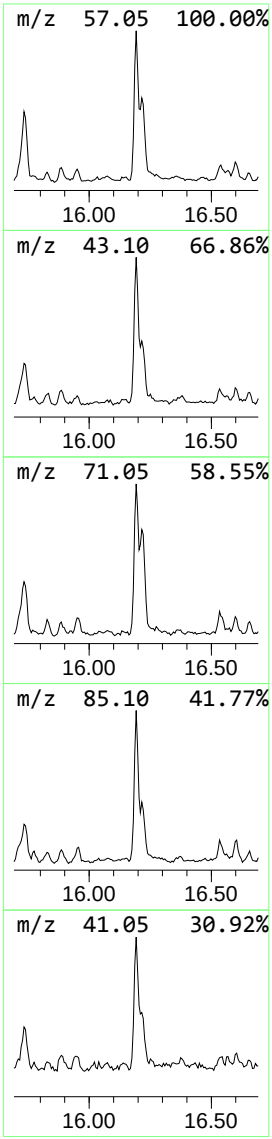
Peak Number 6 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.192	4.61 ng	529584	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	74
3	Pentadecane	212	C15H32	000629-62-9	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	Eicosane	282	C20H42	000112-95-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008102.D
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.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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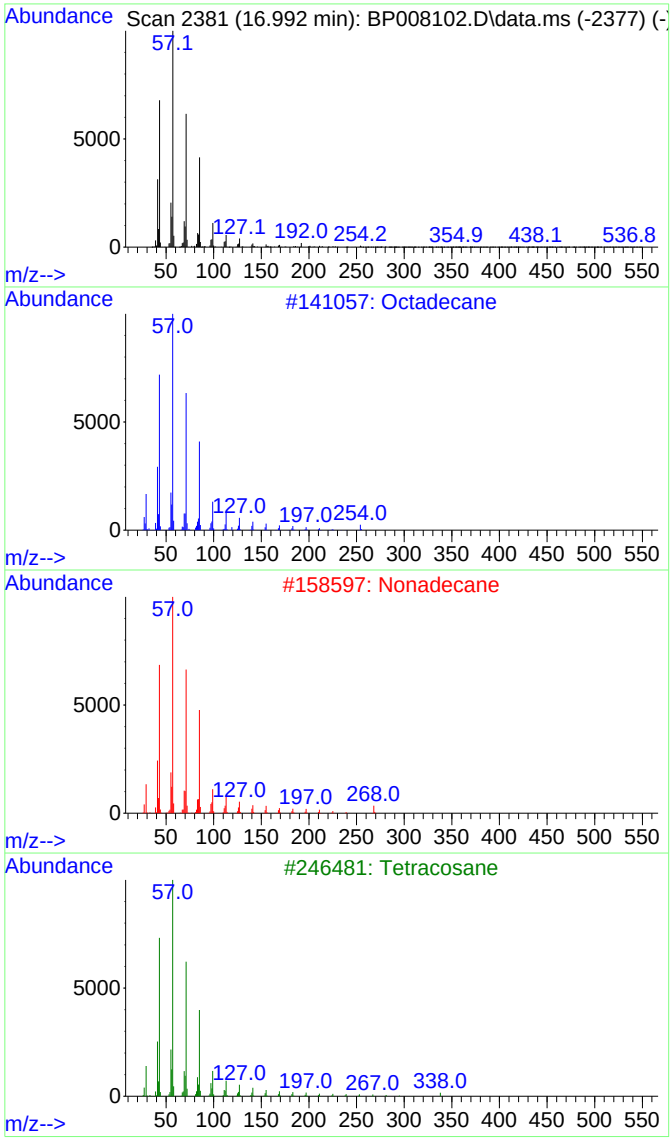
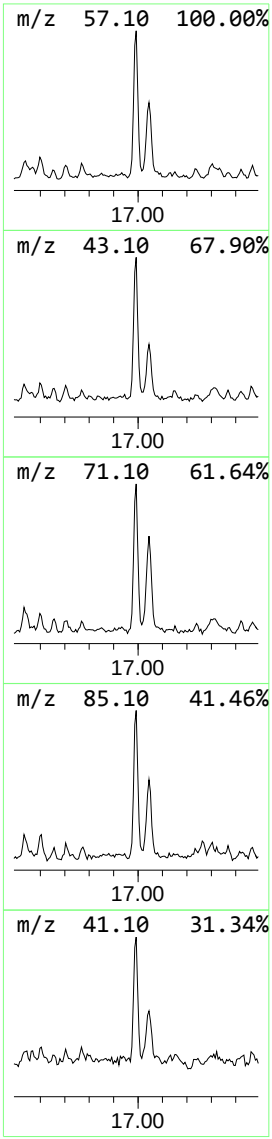
Peak Number 7 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.992	2.88 ng	330137	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Nonadecane	268	C19H40	000629-92-5	94
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-1-112221

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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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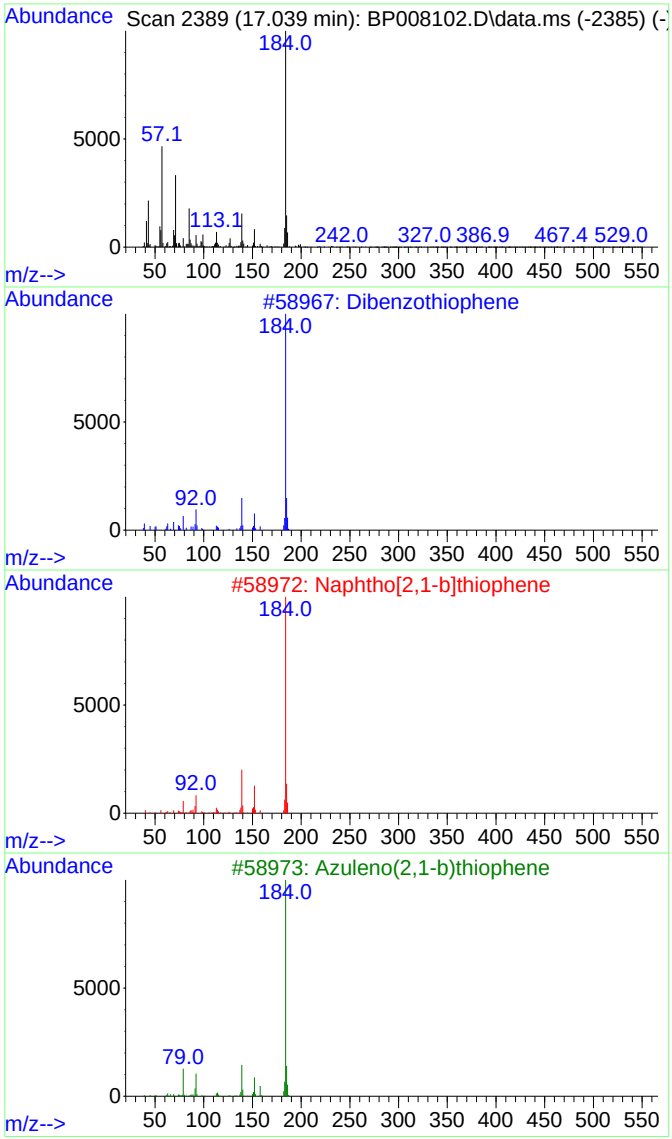
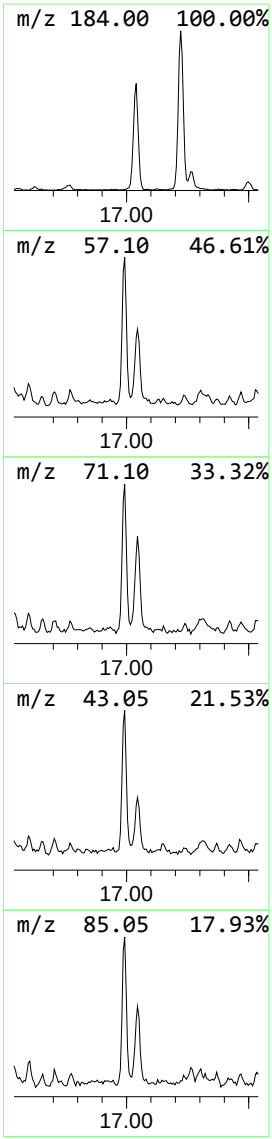
Peak Number 8 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	4.32 ng	495439	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	89
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	62





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Sample : M4814-01 5X
Misc :
ALS Vial : 10 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\NIST20.L
TIC Integration Parameters: LSCINT.P

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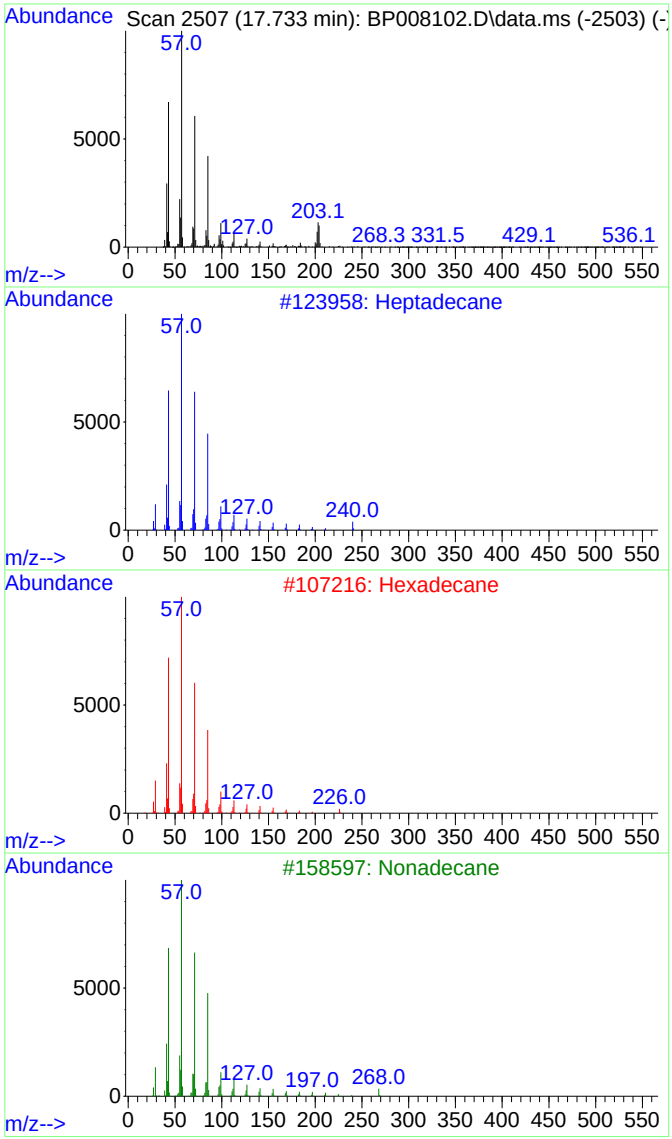
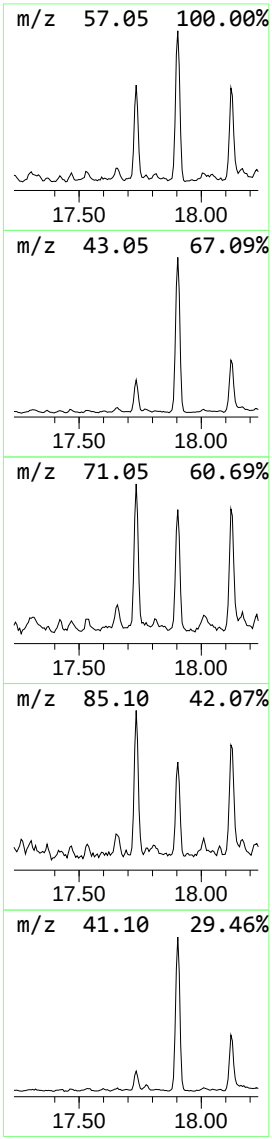
Peak Number 9 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.733	3.48 ng	398899	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	94
3	Nonadecane	268	C19H40	000629-92-5	74
4	Tetradecane	198	C14H30	000629-59-4	74
5	Pentadecane	212	C15H32	000629-62-9	74





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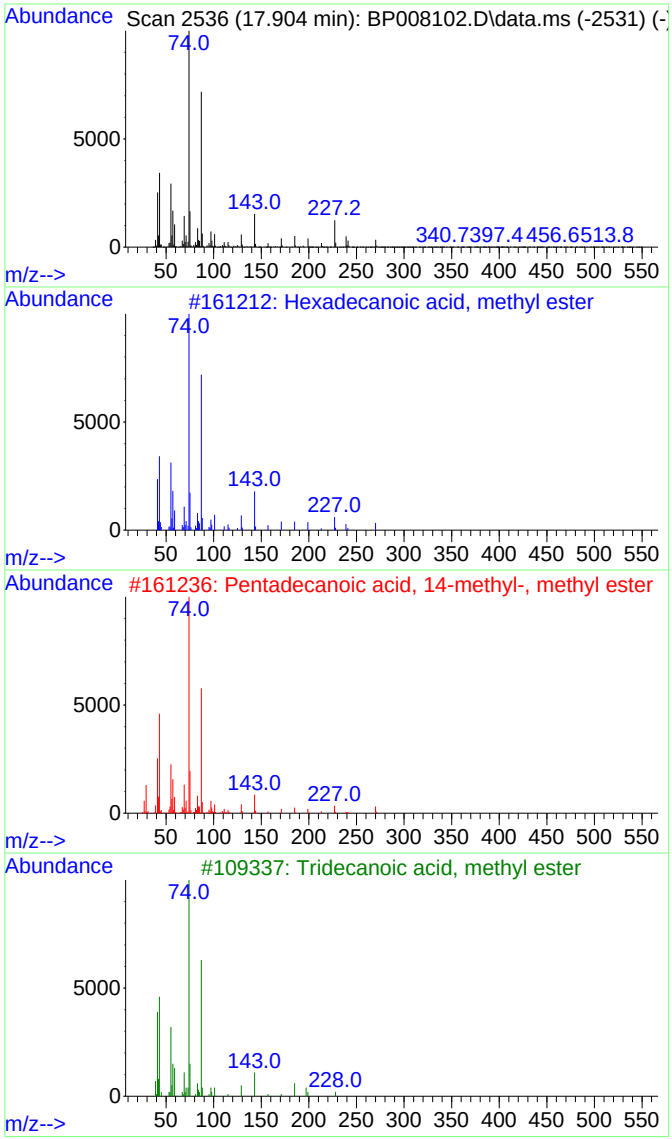
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

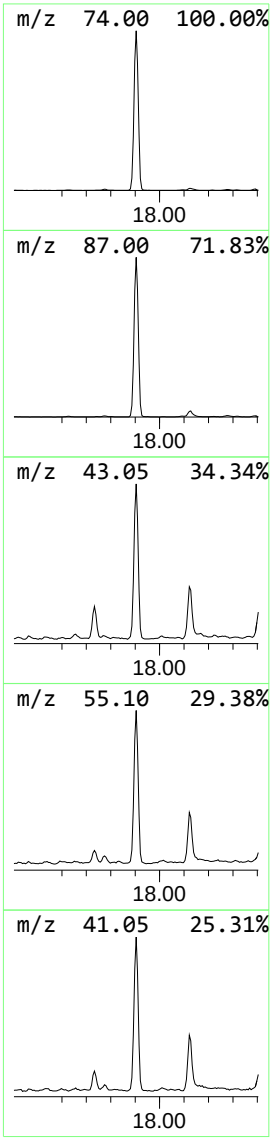
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	29.34 ng	3367670	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Sample : M4814-01 5X
Misc :
ALS Vial : 10 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\NIST20.L
TIC Integration Parameters: LSCINT.P

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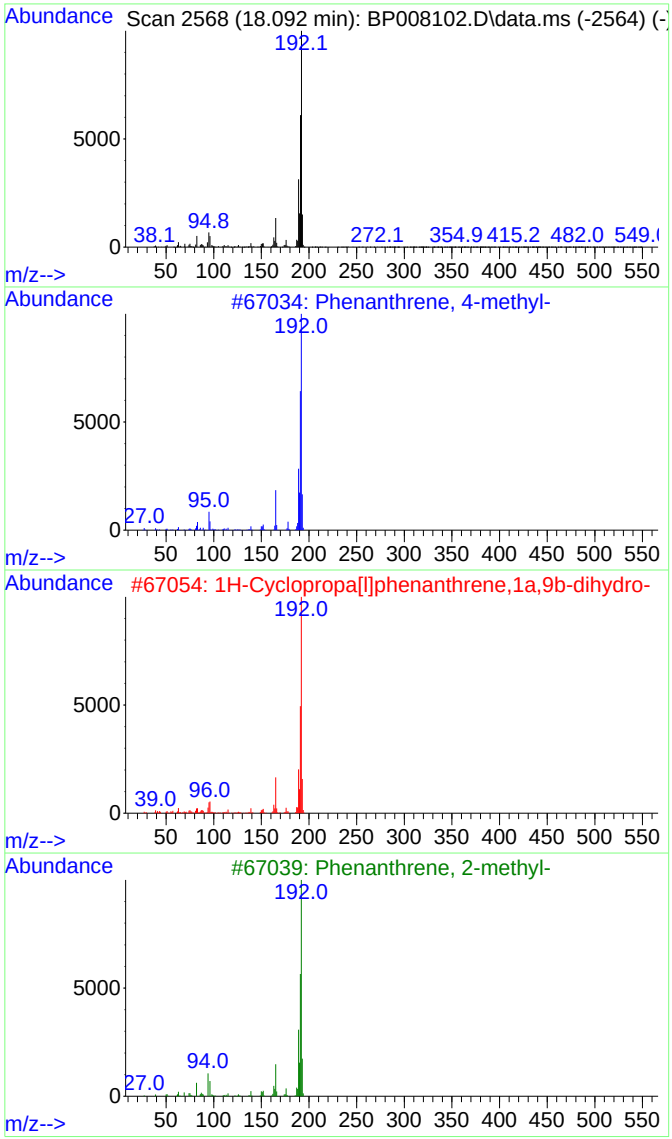
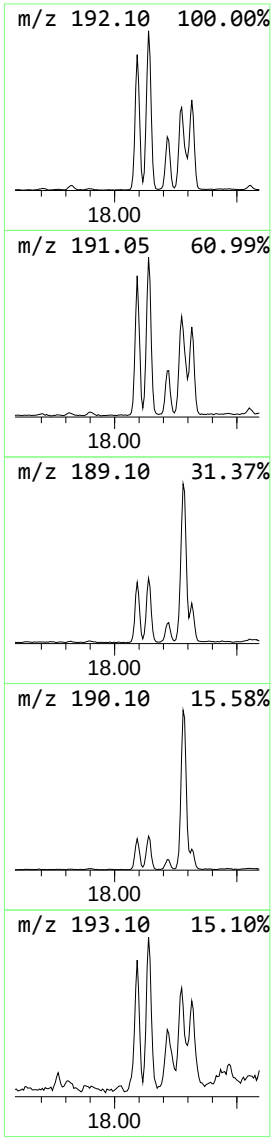
Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	4.15 ng	476804	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Misc :
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Instrument :
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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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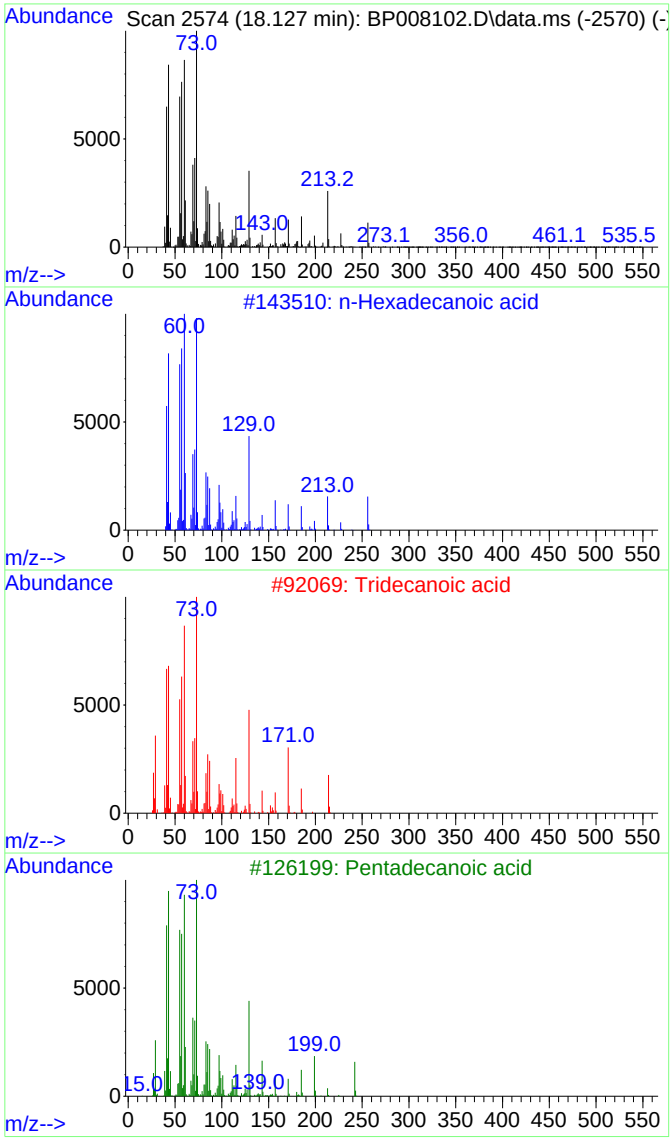
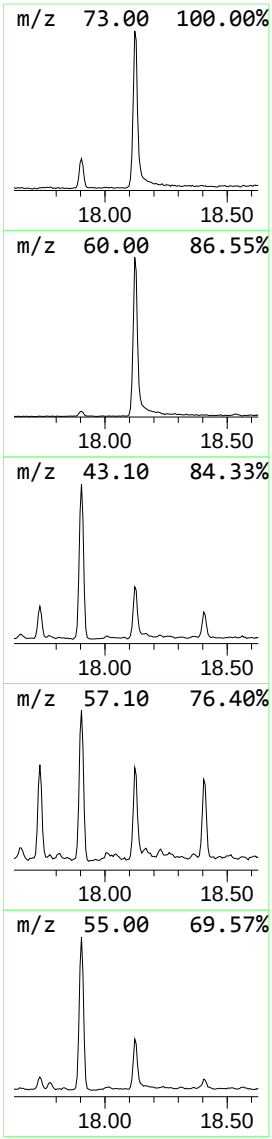
Peak Number 12 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	15.31 ng	1756910	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60





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Instrument :
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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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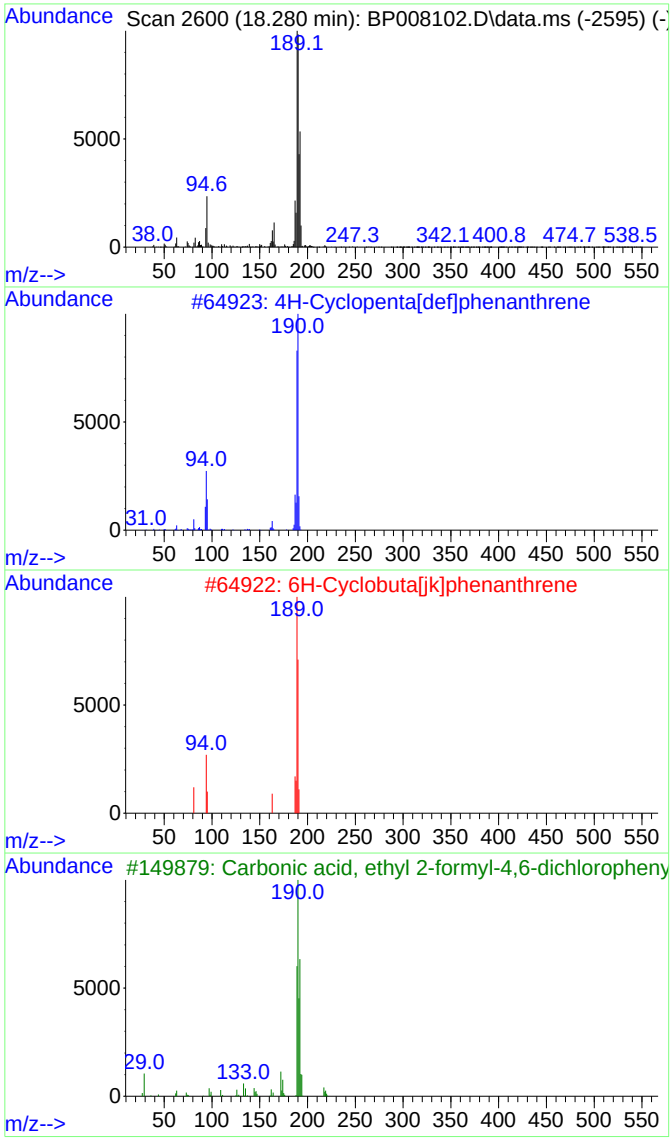
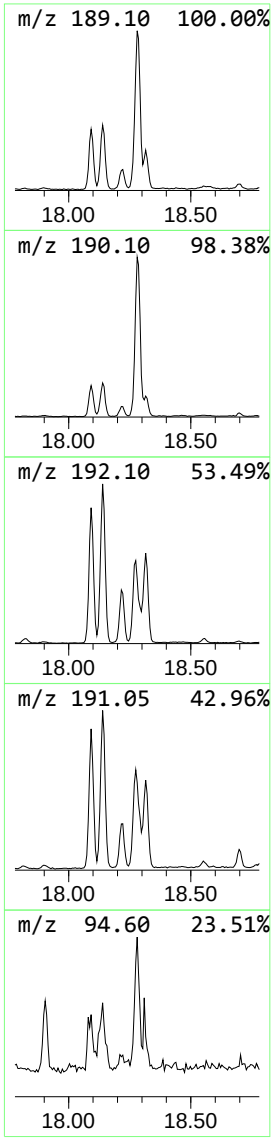
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	8.05 ng	923904	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	41





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Sample : M4814-01 5X
Misc :
ALS Vial : 10 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\NIST20.L
TIC Integration Parameters: LSCINT.P

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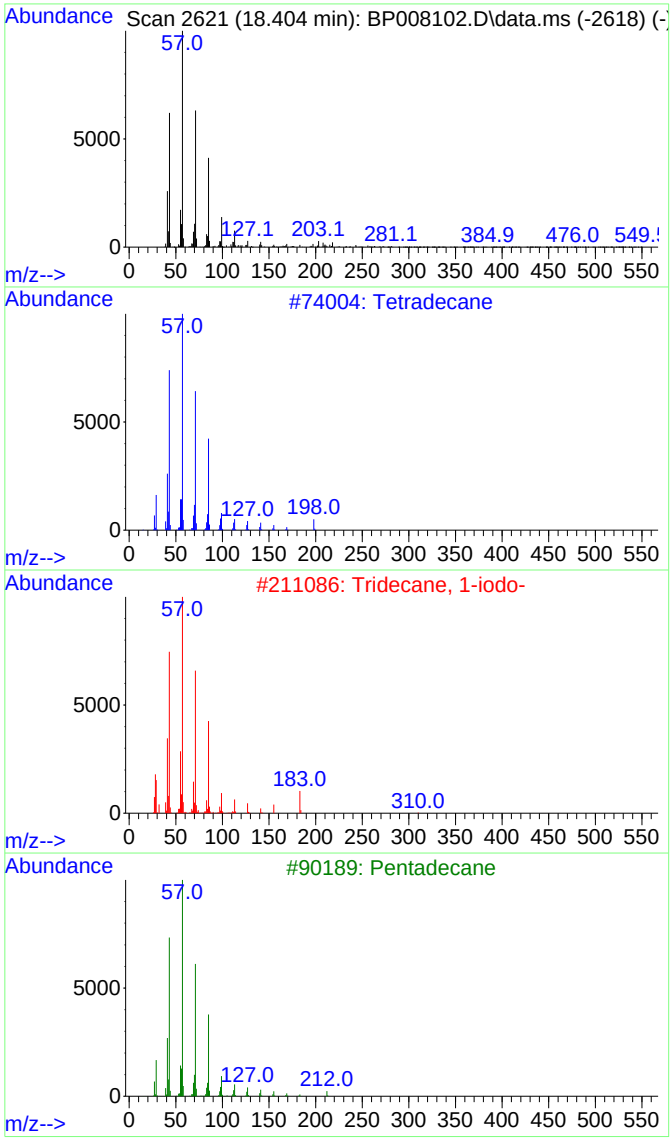
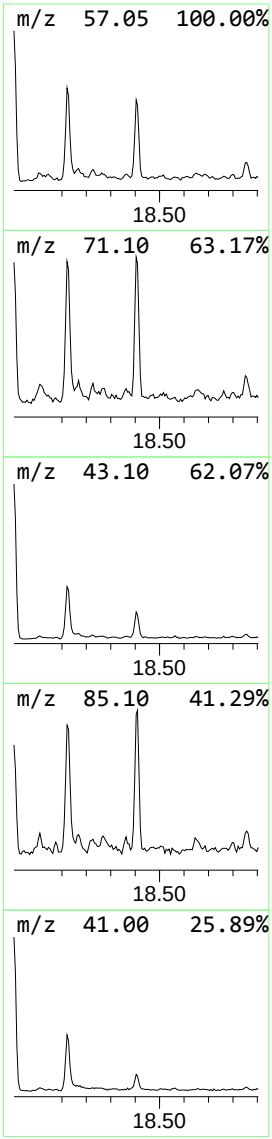
Peak Number 14 Tridecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	3.01 ng	345318	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
3	Pentadecane	212	C15H32	000629-62-9	72
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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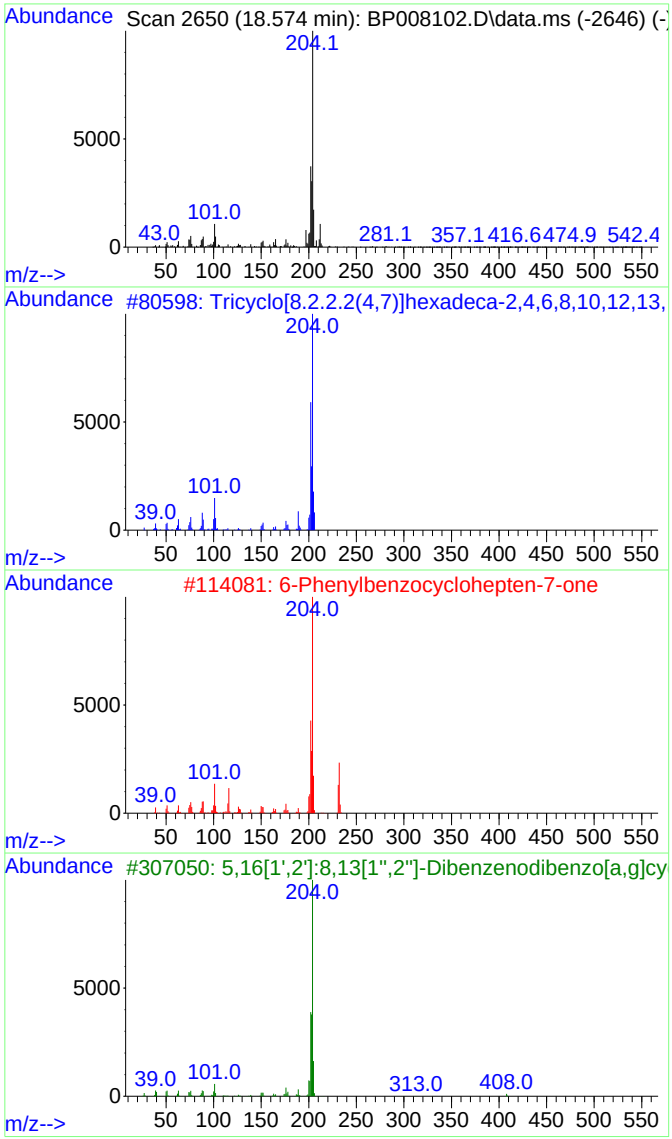
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

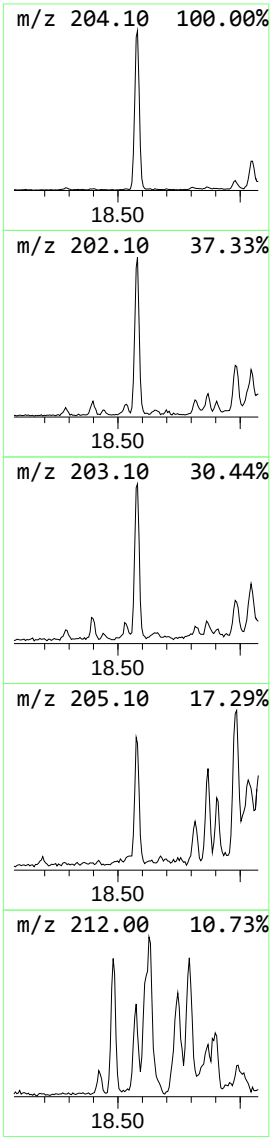
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.574	2.80 ng	320935	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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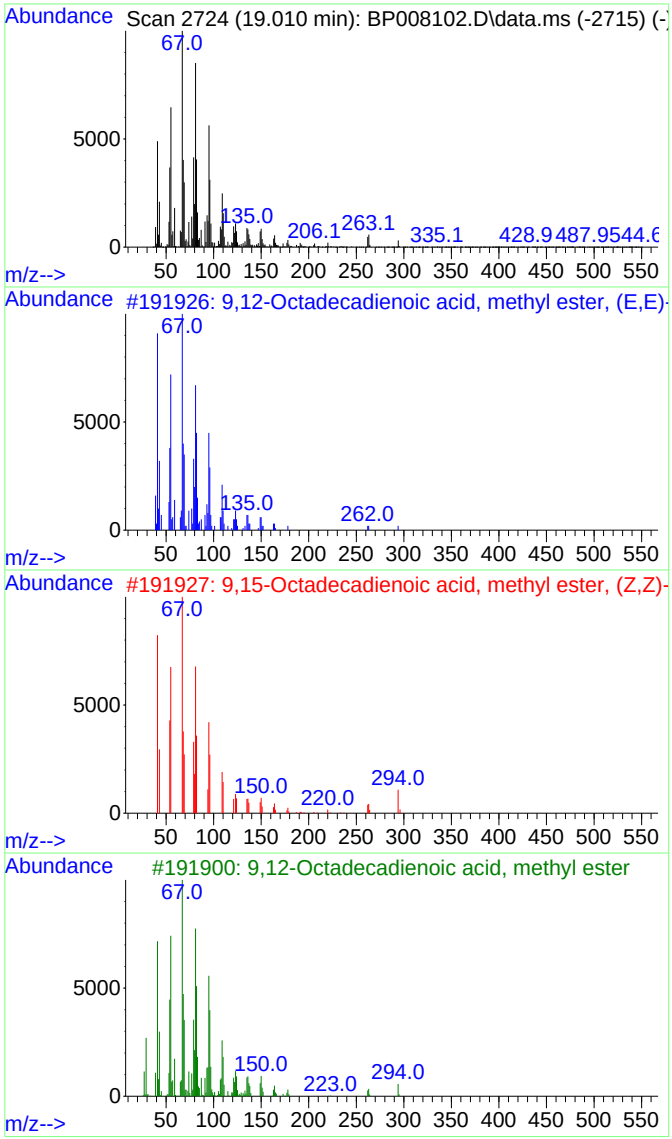
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

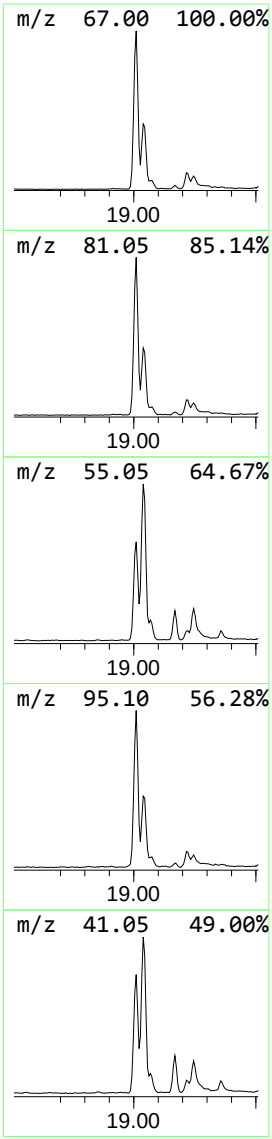
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	52.58 ng	6034750	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98





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

TIC Library : C:\Database\NIST20.L
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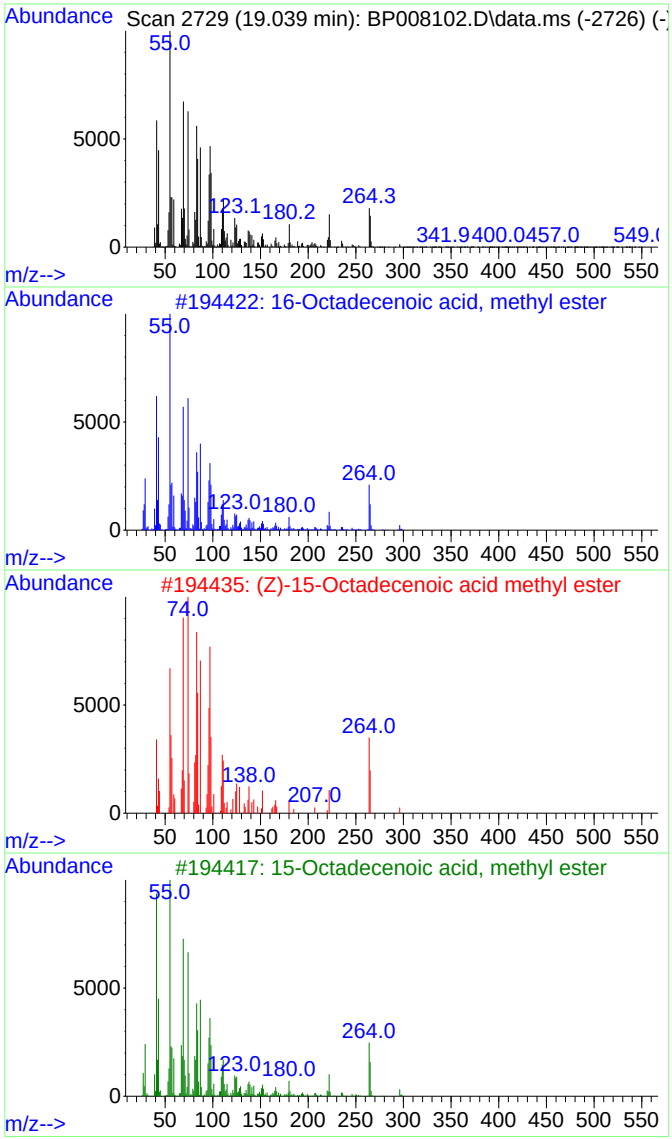
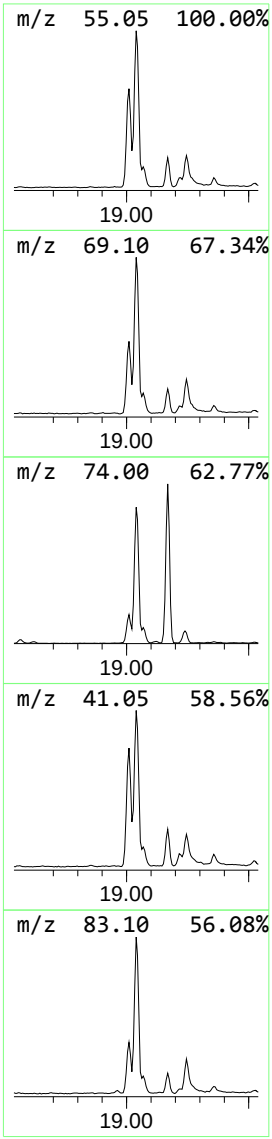
****
Peak Number 17 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	54.55 ng	6260710	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94





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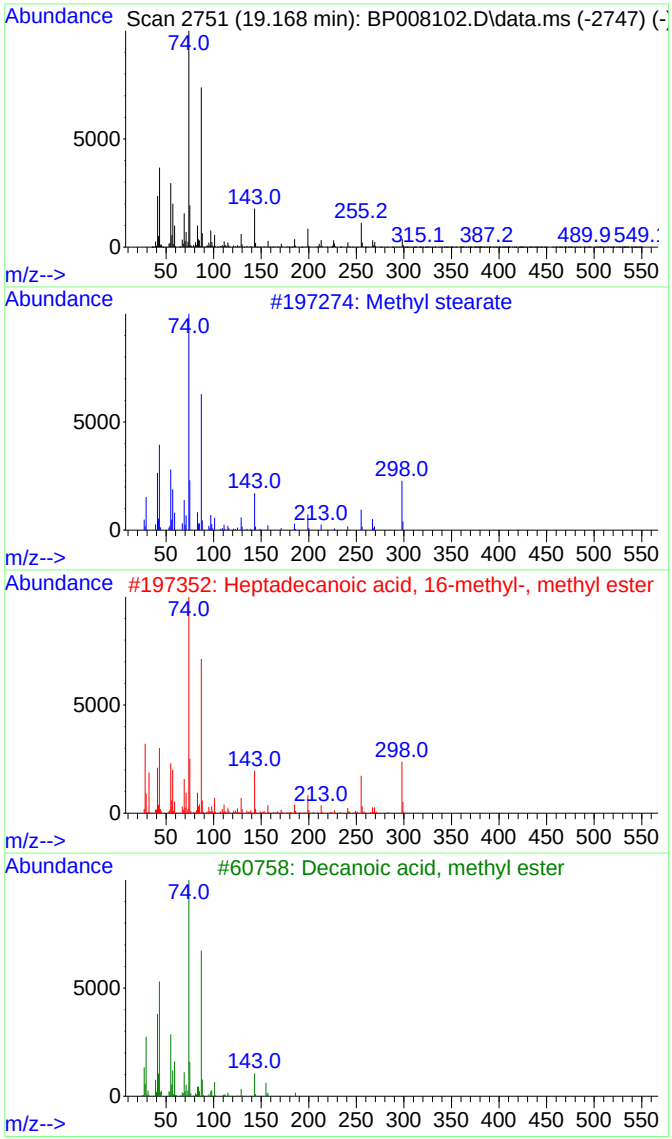
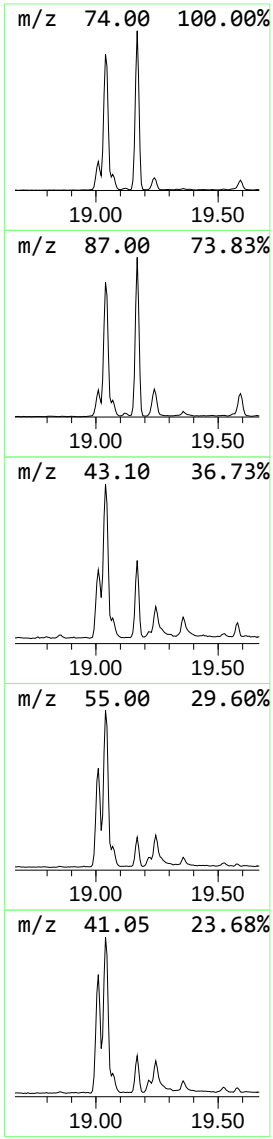
Peak Number 18 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.168	13.71 ng	1574100	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86





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Data File : BP008102.D
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.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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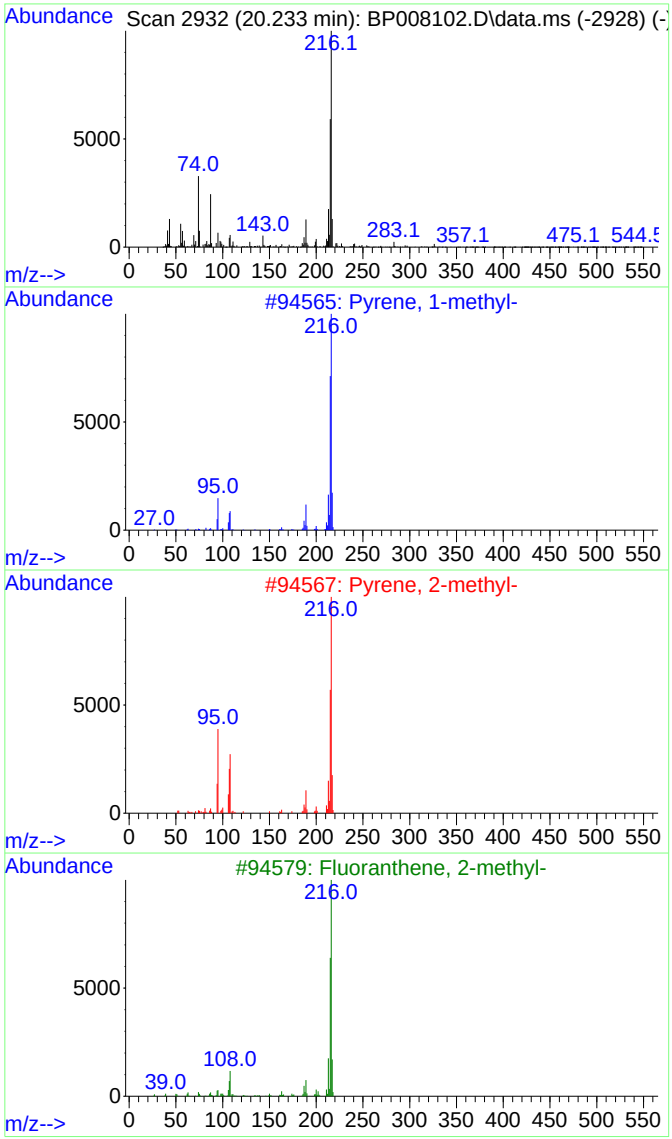
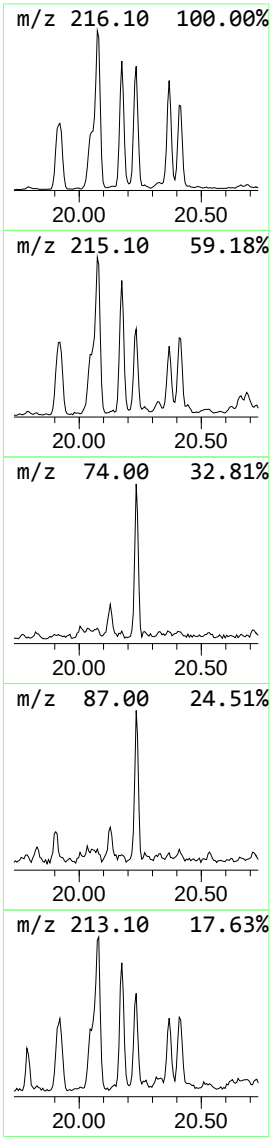
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.233	3.02 ng	558593	Chrysene-d12	21.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008102.D
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.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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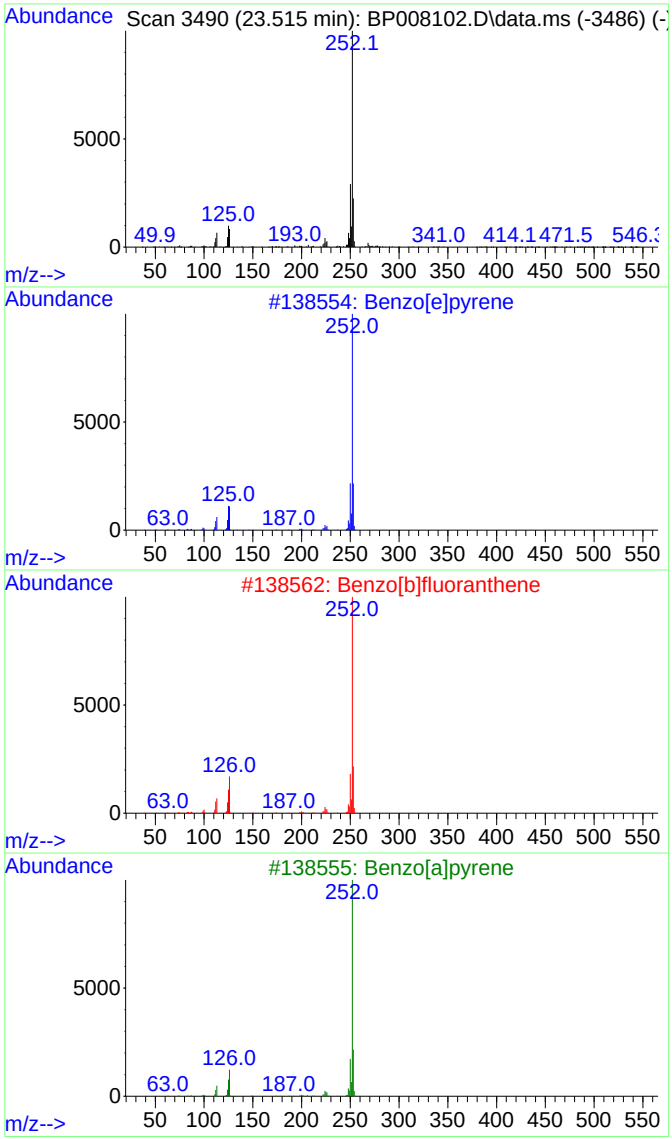
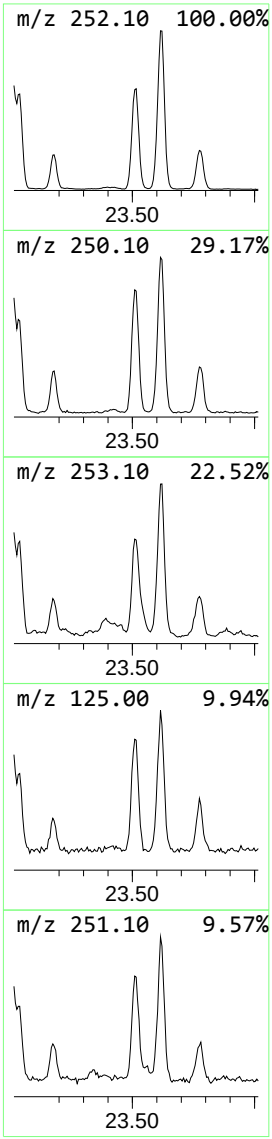
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.515	11.90 ng	960571	Perylene-d12	23.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008102.D
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.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...	3.028	5.2	ng	326285	1	7.822	1247590	20.0
2-Pentanone, 4-...	4.946	3.2	ng	202358	1	7.822	1247590	20.0
Nonadecane	14.375	2.9	ng	328654	3	14.463	2234300	20.0
Hexadecane	15.328	3.4	ng	376342	3	14.463	2234300	20.0
Heptadecane	16.192	4.6	ng	529584	4	17.221	2295500	20.0
Octadecane	16.992	2.9	ng	330137	4	17.221	2295500	20.0
Dibenzothiophene	17.039	4.3	ng	495439	4	17.221	2295500	20.0
Tetradecane	17.733	3.5	ng	398899	4	17.221	2295500	20.0
Hexadecanoic ac...	17.904	29.3	ng	3367670	4	17.221	2295500	20.0
Phenanthrene, 4...	18.092	4.2	ng	476804	4	17.221	2295500	20.0
n-Hexadecanoic ...	18.127	15.3	ng	1756910	4	17.221	2295500	20.0
4H-Cyclopenta[d...	18.280	8.1	ng	923904	4	17.221	2295500	20.0
Tridecane, 1-iodo-	18.404	3.0	ng	345318	4	17.221	2295500	20.0
Tricyclo[8.2.2....	18.574	2.8	ng	320935	4	17.221	2295500	20.0
9,12-Octadecadi...	19.010	52.6	ng	6034750	4	17.221	2295500	20.0
16-Octadecenoic...	19.039	54.5	ng	6260710	4	17.221	2295500	20.0
Methyl stearate	19.168	13.7	ng	1574100	4	17.221	2295500	20.0
Pyrene, 1-methyl-	20.233	3.0	ng	558593	5	21.321	3702810	20.0
Benzo[e]pyrene	23.515	11.9	ng	960571	6	23.721	1613880	20.0