LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B10(2-4)

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-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005722.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.469	229	235	248	rVB	1696446	2442788	27.98%	2.445%
2	5.093	331	341	351	rBV	5356369	8616462	98.68%	8.624%
3	6.663	602	608	615	rVB	129912	203425	2.33%	0.204%
4	7.158	682	692	707	rBV	491772	903278	10.34%	0.904%
5	7.987	824	833	839	rBV	602548	1006574	11.53%	1.007%
6	8.046	839	843	849	rVB	71222	114160	1.31%	0.114%
7	9.146	1024	1030	1038	rVV	1168989	1963262	22.48%	1.965%
8	9.216	1038	1042	1053	rVB	91636	159500	1.83%	0.160%
9	10.199	1203	1209	1216	rBV6	39799	98847	1.13%	0.099%
10	10.793	1299	1310	1314	rBV	763898	1539093	17.63%	1.540%
11	10.840	1314	1318	1326	rVB	582824	1006958	11.53%	1.008%
12	11.816	1479	1484	1488	rBV2	75086	125849	1.44%	0.126%
13	12.204	1541	1550	1557	rBV	192280	305929	3.50%	0.306%
14	12.446	1581	1591	1597	rVB	348970	600019	6.87%	0.601%
15	12.663	1622	1628	1638	rVB	234411	423058	4.84%	0.423%
16	13.151	1707	1711	1717	rVB4	101935	154258	1.77%	0.154%
17	13.240	1717	1726	1737	rBV	3156330	4664280	53.42%	4.668%
18	13.440	1755	1760	1767	rVB2	342944	496944	5.69%	0.497%
19	13.645	1791	1795	1797	rBV	68399	98161	1.12%	0.098%
20	13.775	1811	1817	1819	rBV2	135243	235851	2.70%	0.236%
21	13.934	1838	1844	1849	rBV	228640	402664	4.61%	0.403%
22	13.987	1849	1853	1858	rVB	165276	251136	2.88%	0.251%
23	14.092	1868	1871	1874	rVB	140066	165116	1.89%	0.165%
24	14.169	1880	1884	1887	rBV	75154	89487	1.02%	0.090%
25	14.334	1908	1912	1917	rBV	147619	204428	2.34%	0.205%
26	14.504	1936	1941	1947	rBV	359581	461576	5.29%	0.462%
27	14.610	1948	1959	1964	rBV	1138674	1977022	22.64%	1.979%
28	14.669	1964	1969	1977	rVB	566202	908948	10.41%	0.910%
29	14.816	1989	1994	2002	rVB	86235	224215	2.57%	0.224%
30	14.916	2005	2011	2014	rBV4	51415	112345	1.29%	0.112%
31	15.004	2021	2026	2032	rVB	553429	800212	9.16%	0.801%
32	15.081	2033	2039	2043	rVV	122062	208896	2.39%	0.209%
33	15.116	2043	2045	2054	rVB7	78048	149374	1.71%	0.149%
34	15.222	2059	2063	2068	rBV	89574	150512	1.72%	0.151%
35	15.275	2068	2072	2076	rVB	93069	124809	1.43%	0.125%
36	15.451	2098	2102	2106	rVB	367022	460457	5.27%	0.461%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B10(2-4)

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-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.651	2130	2136	2140	rBV	546013	814116	9.32%	0.815%
38	15.775	2154	2157	2160	rVB2	85081	96906	1.11%	0.097%
39	15.816	2160	2164	2167	rBV3	105989	152389	1.75%	0.153%
40	15.857	2167	2171	2175	rVB2	185307	255002	2.92%	0.255%
41	15.945	2182	2186	2193	rVB2	200122	351229	4.02%	0.352%
42	16.022	2194	2199	2203	rBV7	41130	98110	1.12%	0.098%
43	16.092	2204	2211	2218	rVB3	156585	392883	4.50%	0.393%
44	16.310	2244	2248	2250	rBV	434200	577832	6.62%	0.578%
45	16.651	2304	2306	2311	rVB3	156945	207654	2.38%	0.208%
46	16.710	2312	2316	2321	rVB3	118531	189338	2.17%	0.189%
47	17.004	2362	2366	2373	rVB	308471	446203	5.11%	0.447%
48	17.104	2379	2383	2388	rVB	445390	569018	6.52%	0.569%
49	17.163	2388	2393	2403	rVB2	476698	936178	10.72%	0.937%
50	17.351	2420	2425	2428	rBV	1358454	2002014	22.93%	2.004%
51	17.398	2428	2433	2438	rVB	5065049	7119370	81.53%	7.125%
52	17.486	2443	2448	2453	rVB	1191028	1678984	19.23%	1.680%
53	17.751	2489	2493	2500	rVB	455395	664105	7.61%	0.665%
54	17.845	2505	2509	2516	rBV2	366867	558002	6.39%	0.558%
55	17.928	2520	2523	2531	rVB2	175182	300681	3.44%	0.301%
56	18.216	2568	2572	2576	rBV	673174	938401	10.75%	0.939%
57	18.263	2576	2580	2585	rVB	989566	1316428	15.08%	1.318%
58	18.339	2589	2593	2597	rBV	327039	476072	5.45%	0.476%
59	18.404	2599	2604	2607	rVV2	910298	1582448	18.12%	1.584%
60	18.439	2607	2610	2614	rVB	467184	593784	6.80%	0.594%
61	18.510	2619	2622	2626	rBV	426114	469103	5.37%	0.469%
62	18.692	2650	2653	2657	rBV	479393	574934	6.58%	0.575%
63	18.733	2657	2660	2667	rVV4	234753	391279	4.48%	0.392%
64	18.928	2691	2693	2697	rBV2	209327	227038	2.60%	0.227%
65	19.098	2718	2722	2723	rBV	407779	513069	5.88%	0.513%
66	19.233	2742	2745	2749	rBV	338210	492371	5.64%	0.493%
67	19.357	2760	2766	2771	rBV	6490445	8731987	100.00%	8.739%
68	19.404	2771	2774	2778	rBV5	303085	397944	4.56%	0.398%
69	19.675	2816	2820	2822	rBV2	1481644	2107261	24.13%	2.109%
70	19.710	2822	2826	2832	rVB	5277584	7698275	88.16%	7.705%
71	19.892	2853	2857	2862	rVB	4703701	6409548	73.40%	6.415%
72	20.186	2904	2907	2911	rVB2	1125500	1434355	16.43%	1.436%
73	20.280	2920	2923	2927	rVB	532293	620988	7.11%	0.622%
74	21.322	3096	3100	3105	rVB	4311876	4959181	56.79%	4.963%
75	21.410	3111	3115	3121	rBV3	3596095	7046014	80.69%	7.052%
76	21.463	3121	3124	3131	rVB	2773952	3676912	42.11%	3.680%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

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-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

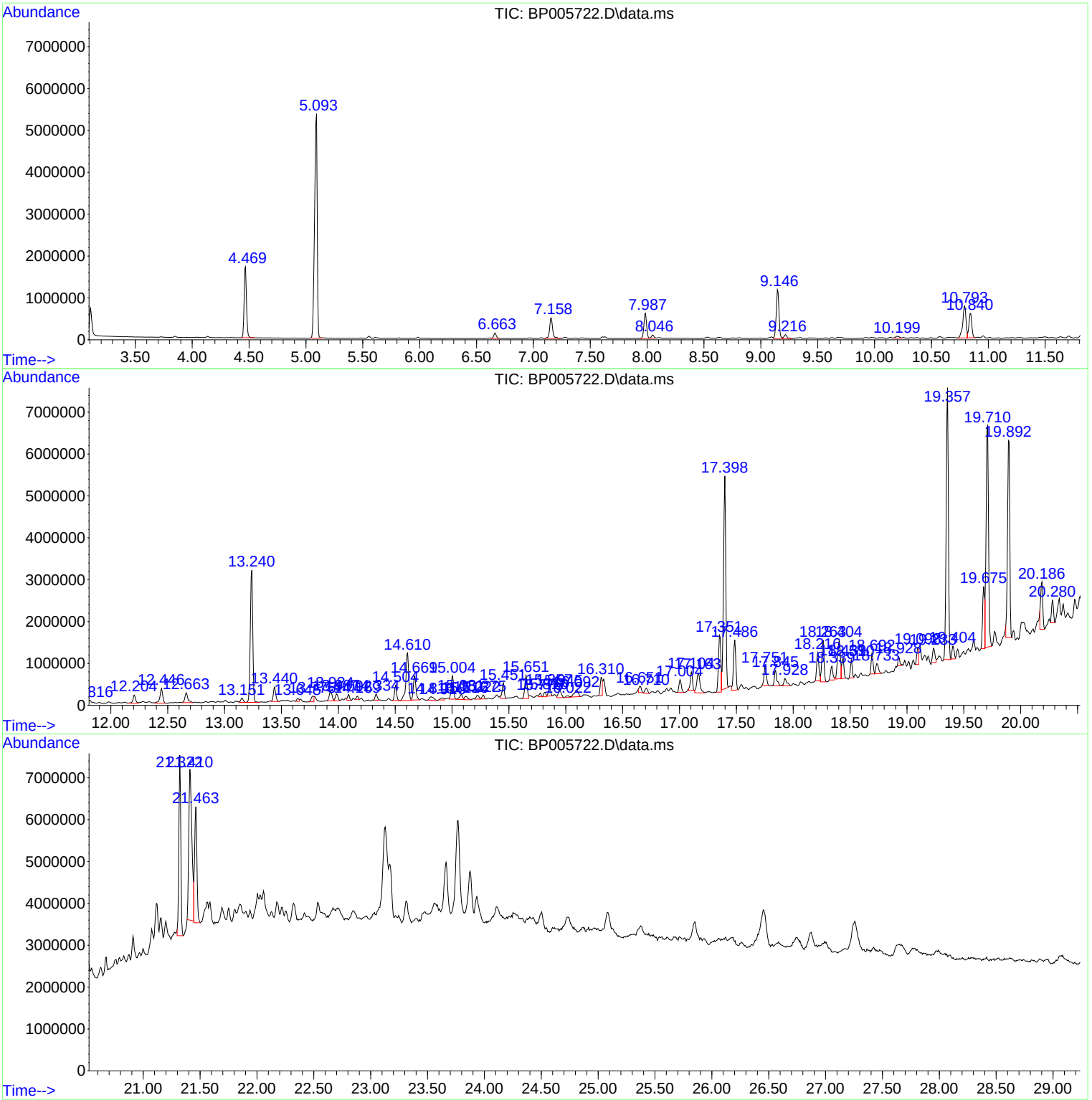
Sum of corrected areas: 99917299

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

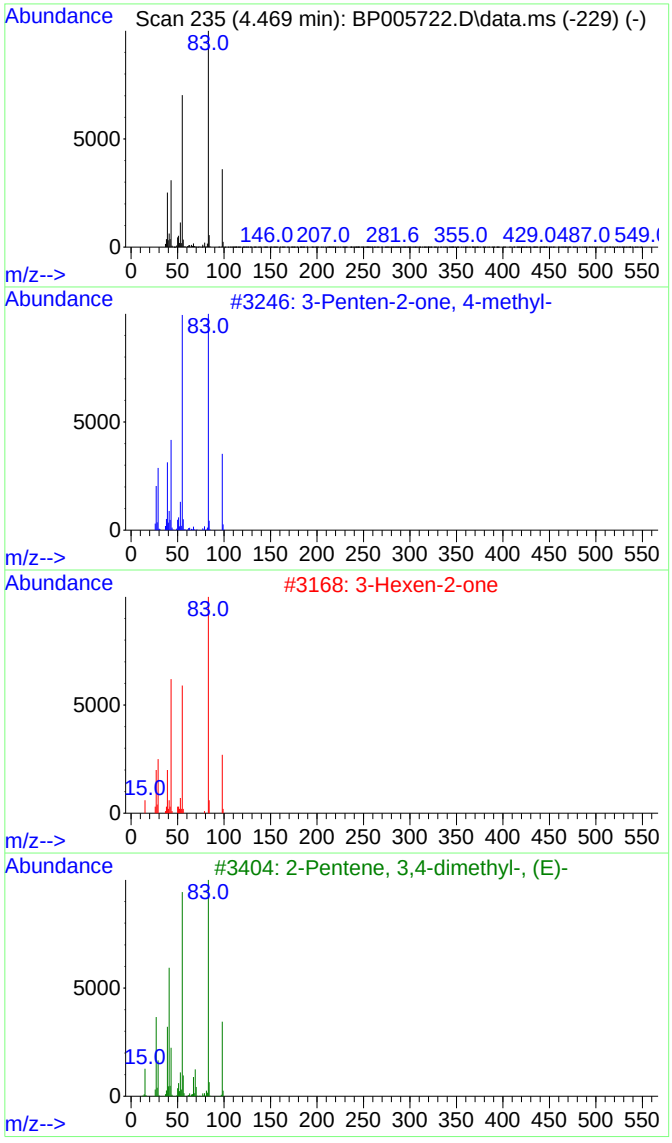
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

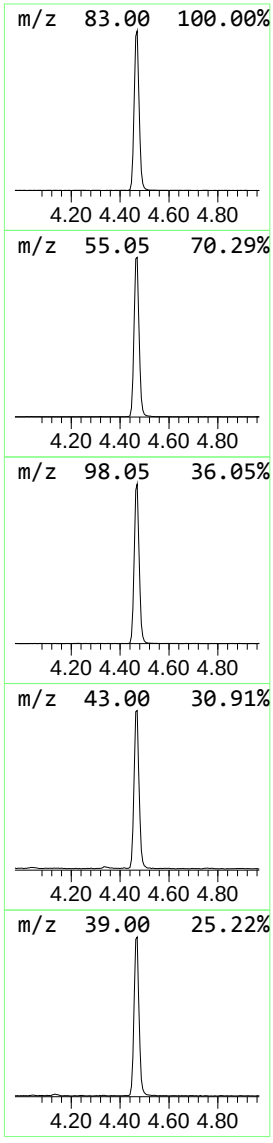
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.469	48.54 ng	2442790	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

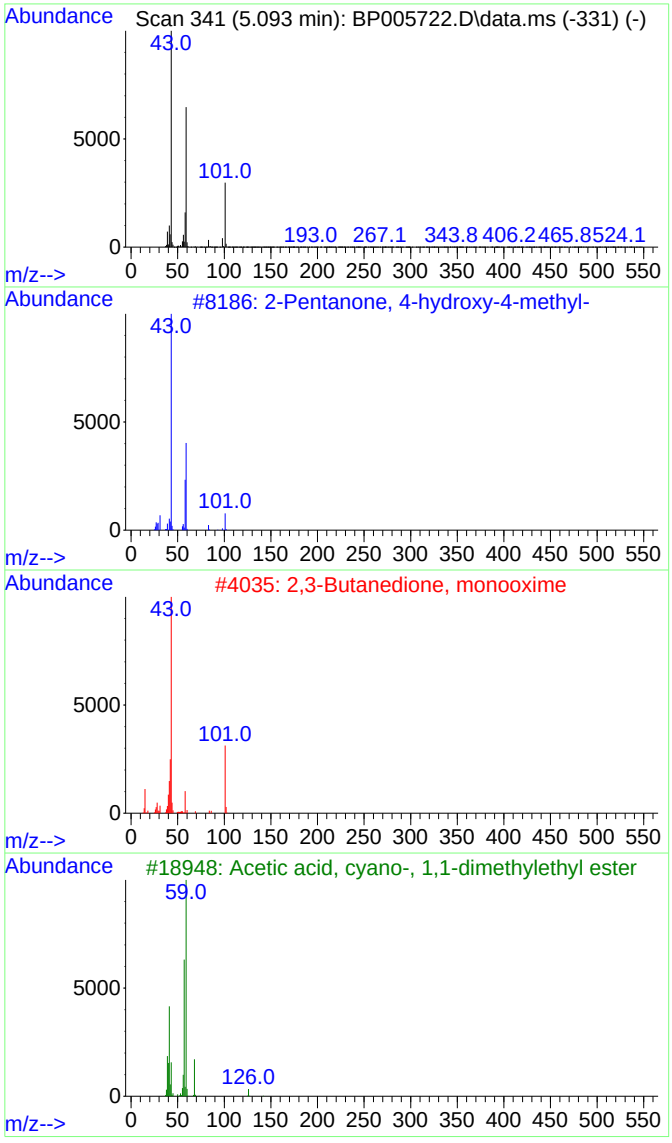
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

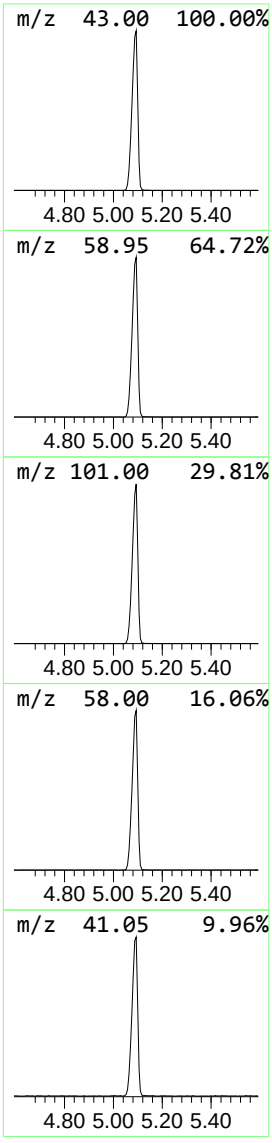
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	171.20 ng	8616460	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B10(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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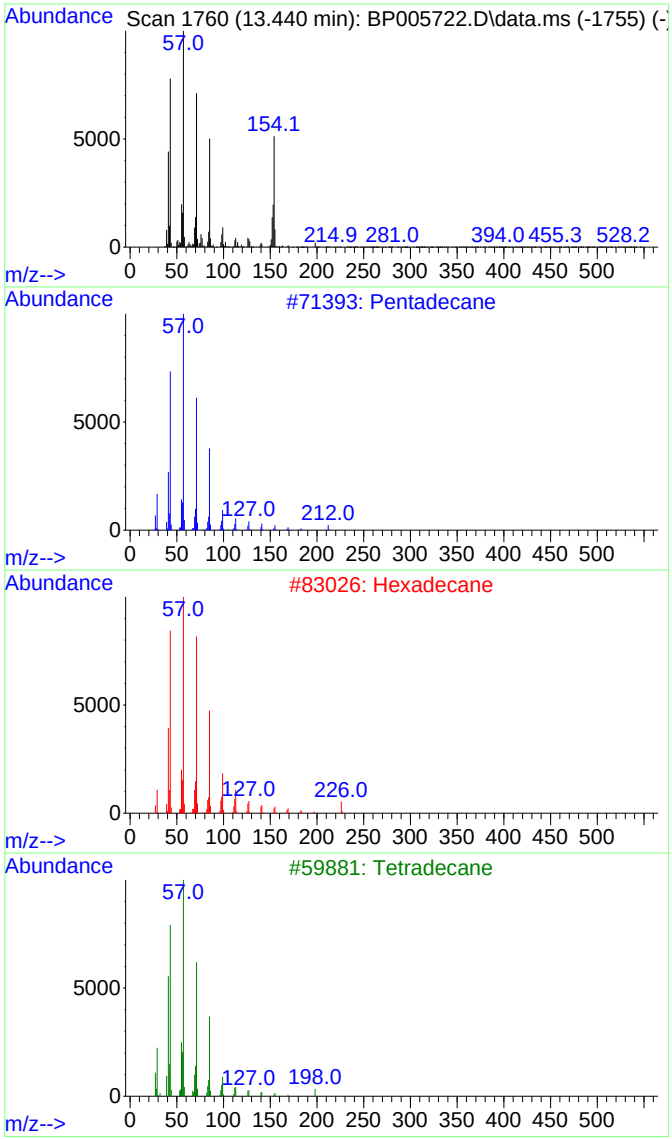
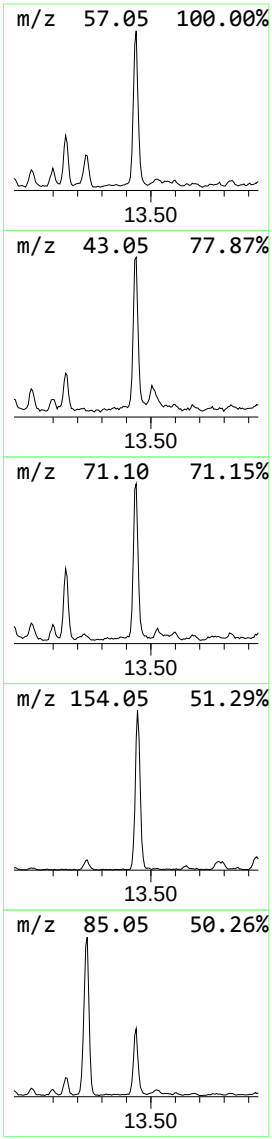
****

Peak Number 3 unknown13.440 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	5.03 ng	496944	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	46
2	Hexadecane	226	C16H34	000544-76-3	43
3	Tetradecane	198	C14H30	000629-59-4	42
4	Biphenyl	154	C12H10	000092-52-4	38
5	Tridecane	184	C13H28	000629-50-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
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Sample : M2589-12
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B10(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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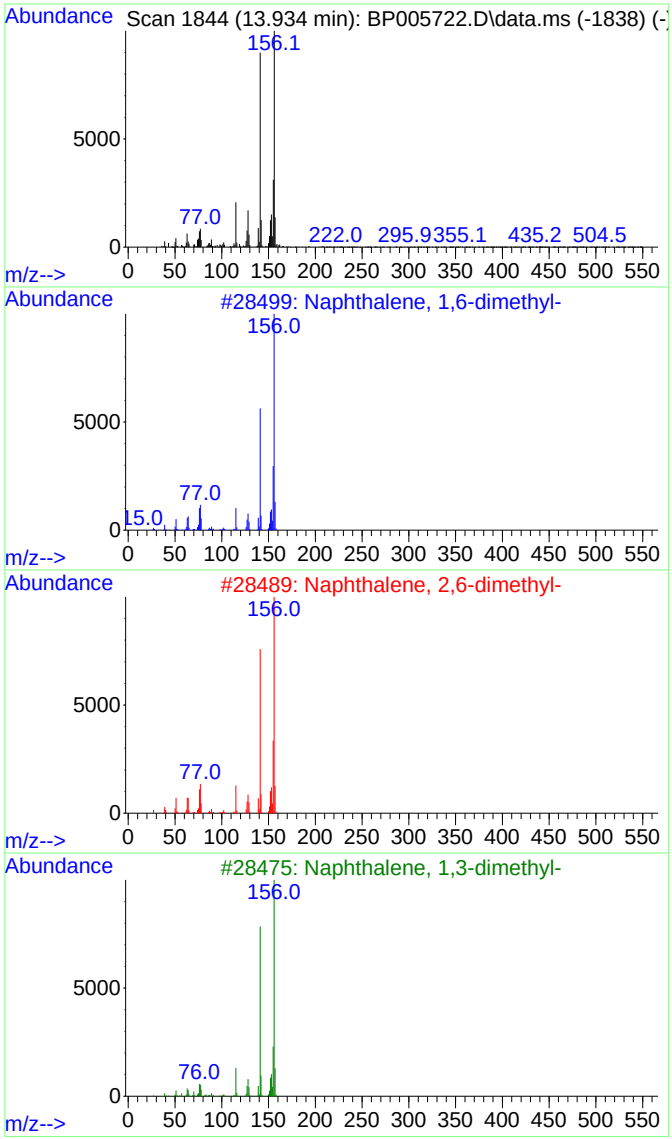
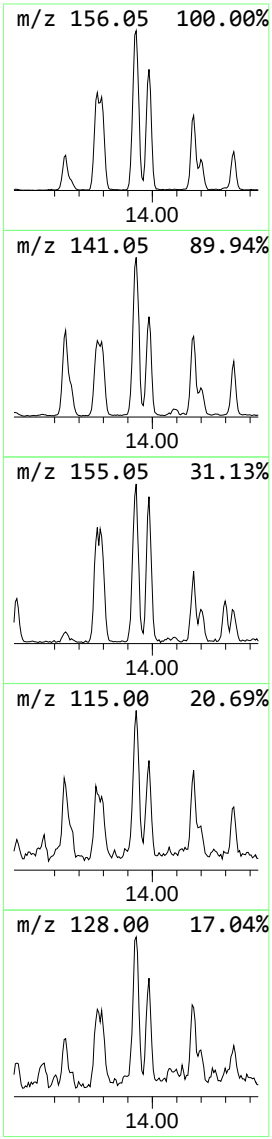
Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.934	4.07 ng	402664	Acenaphthene-d10	14.610

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
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Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

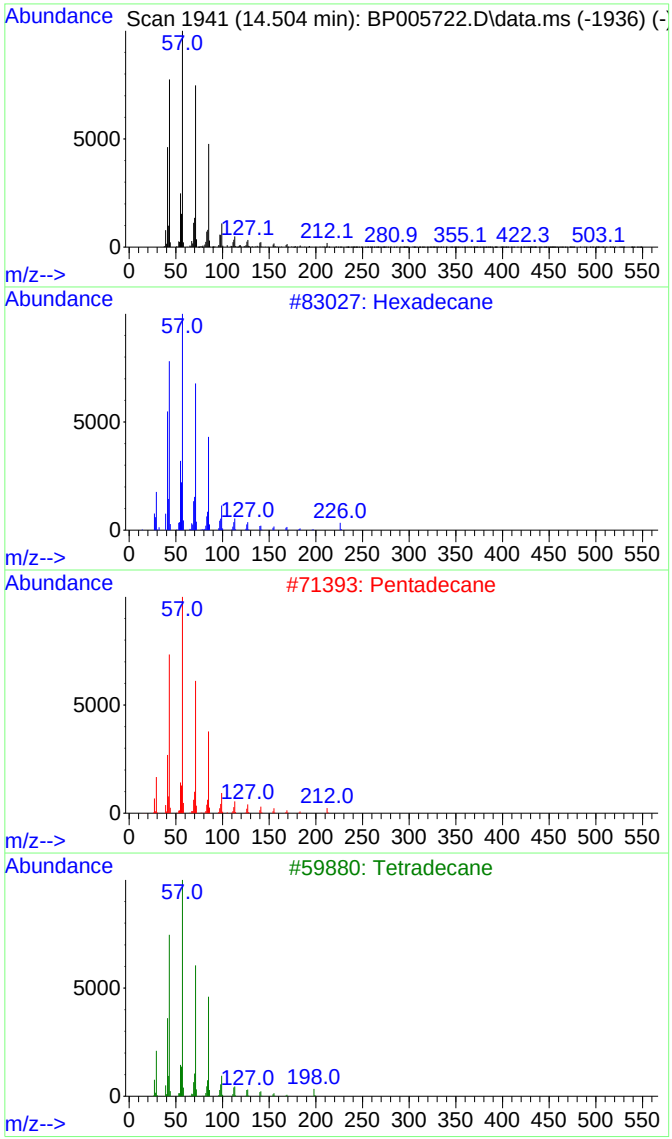
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

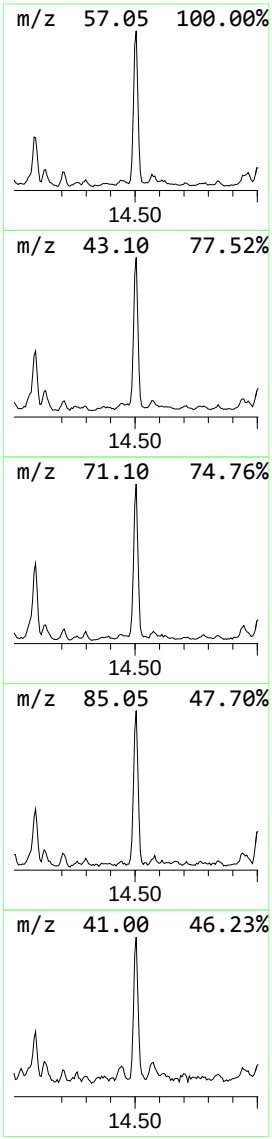
****

Peak Number 5 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	4.67 ng	461576	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Dotriacontane	451	C32H66	000544-85-4	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

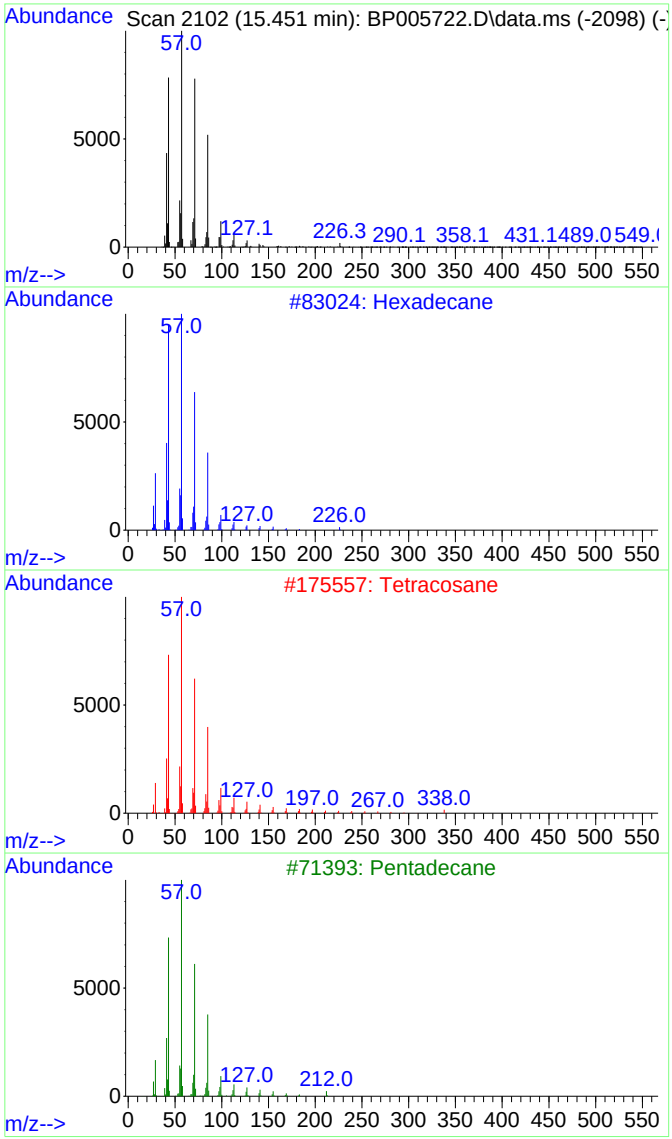
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

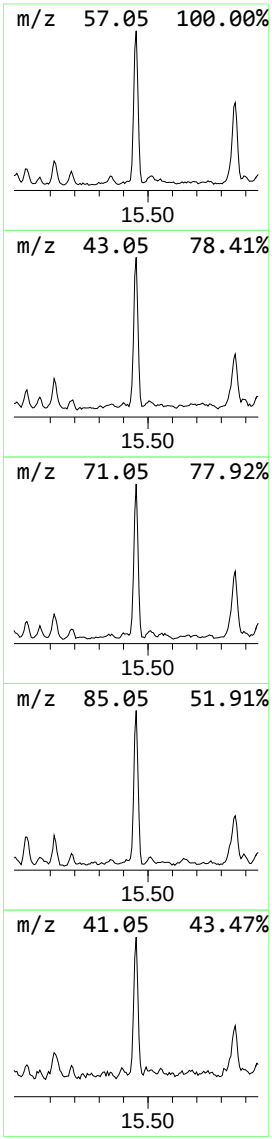
****

Peak Number 6 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	4.66 ng	460457	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetracosane	338	C24H50	000646-31-1	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Eicosane	282	C20H42	000112-95-8	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B10(2-4)

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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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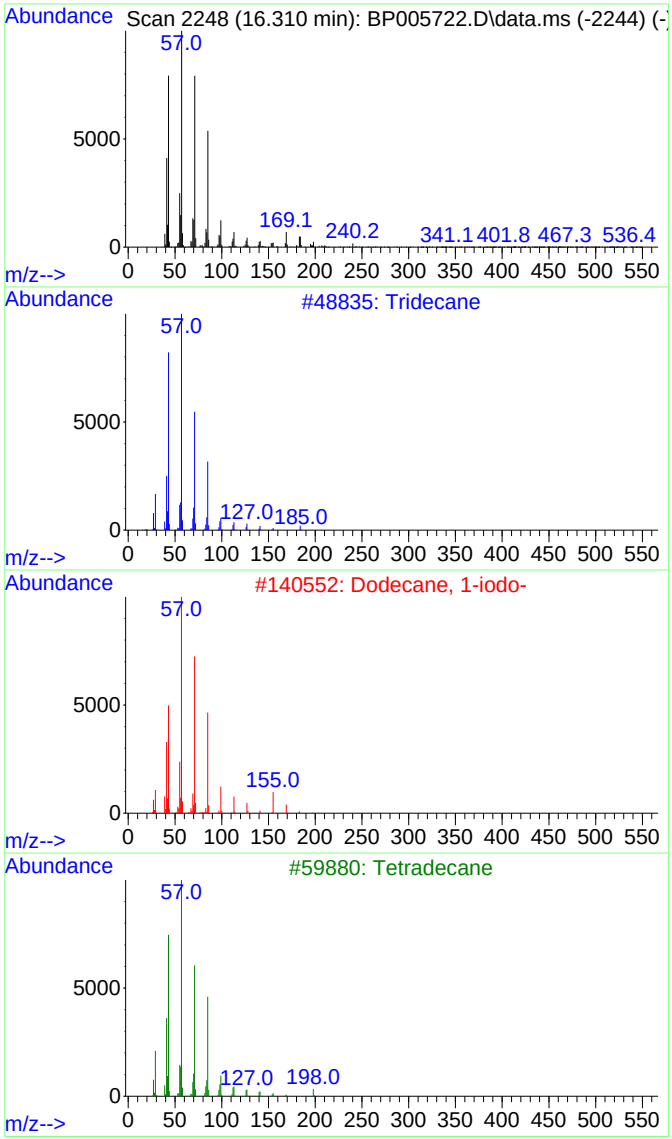
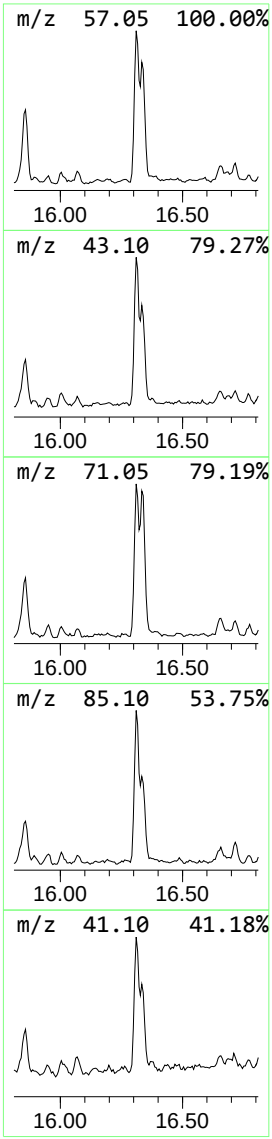
Peak Number 7 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	5.77 ng	577832	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B10(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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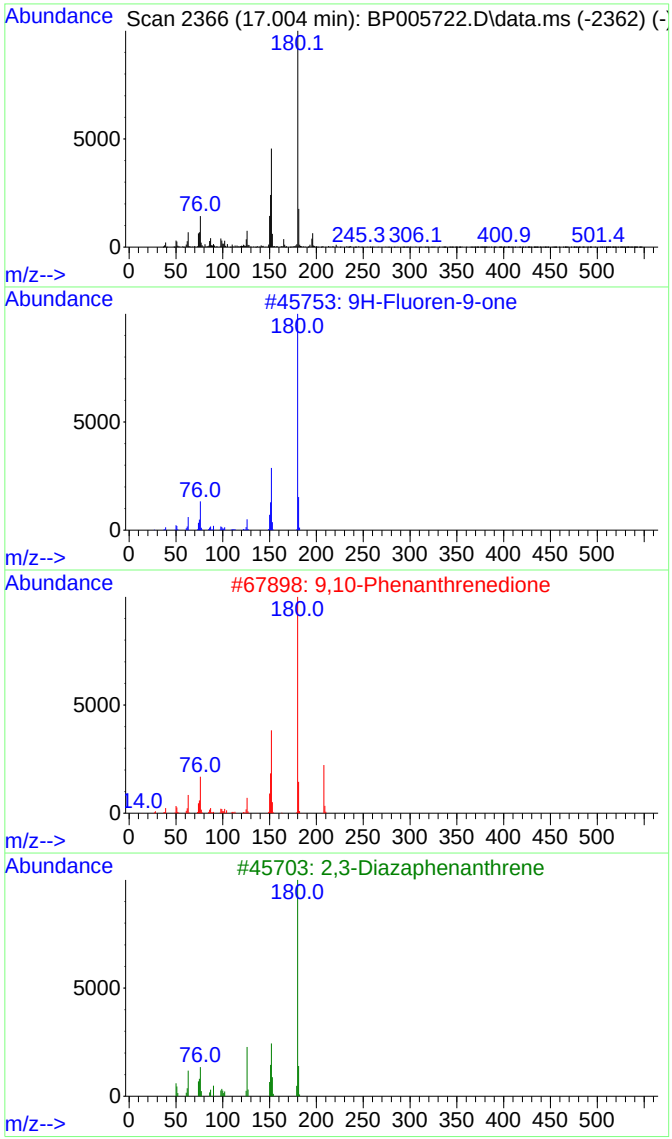
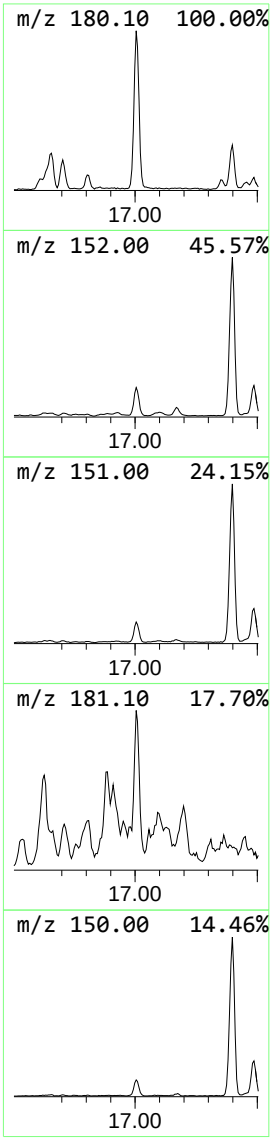
Peak Number 8 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.004	4.46 ng	446203	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80
3	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	59
4	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	53
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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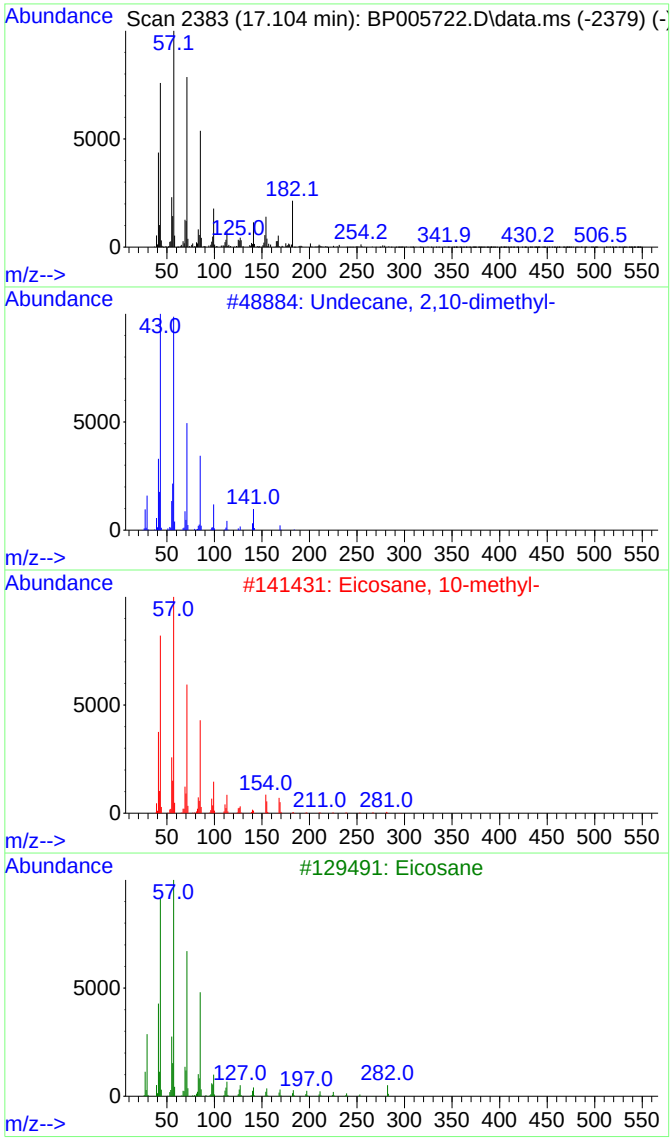
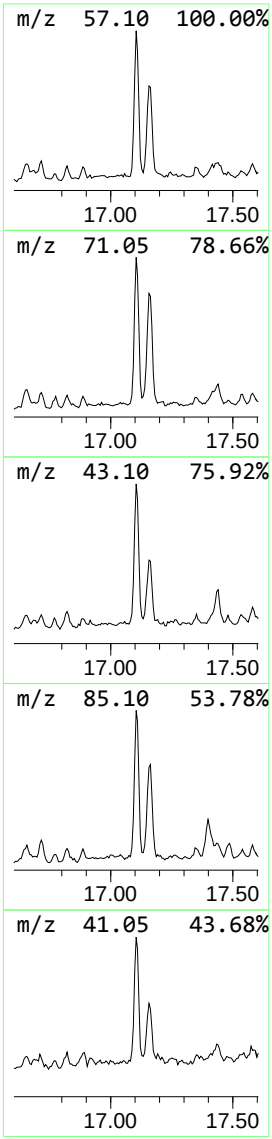
Peak Number 9 Undecane, 2,10-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	5.68 ng	569018	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	81
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
3	Eicosane	282	C20H42	000112-95-8	68
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5	Nonadecane	268	C19H40	000629-92-5	64





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
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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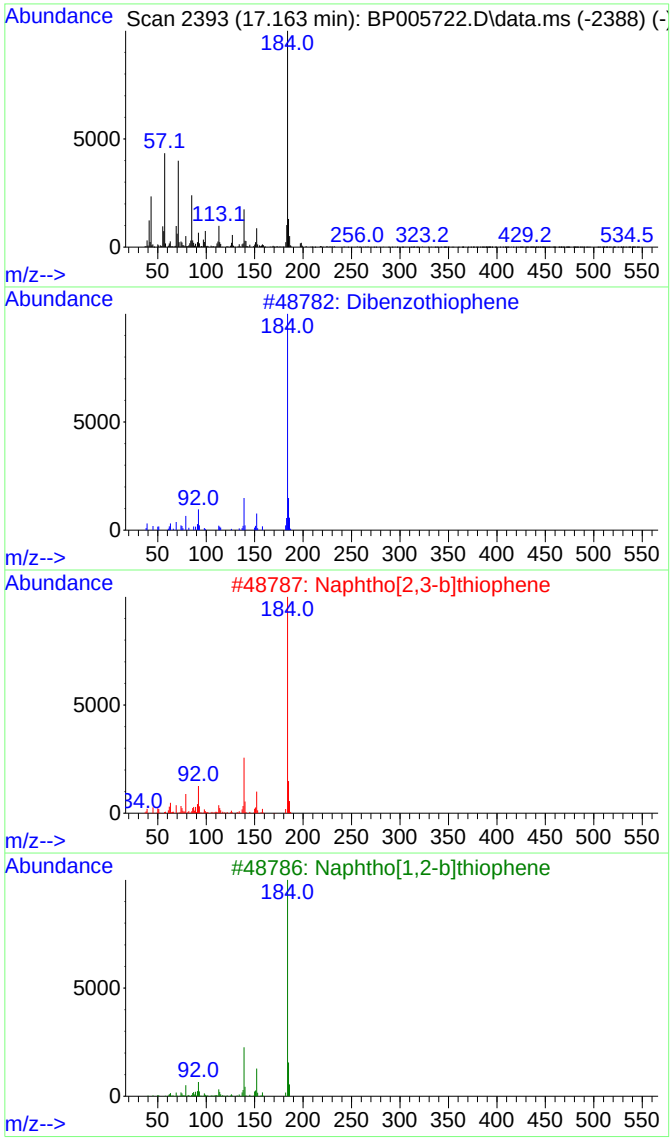
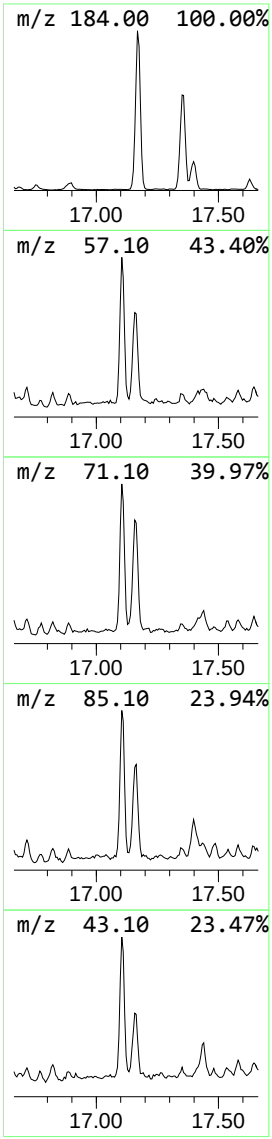
Peak Number 10 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.163	9.35 ng	936178	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	91
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	89
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	70
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	60
5	l-Proline, N-neopentyloxycarbony...	271	C14H25NO4	1000328-25-6	50





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Sample : M2589-12
Misc :
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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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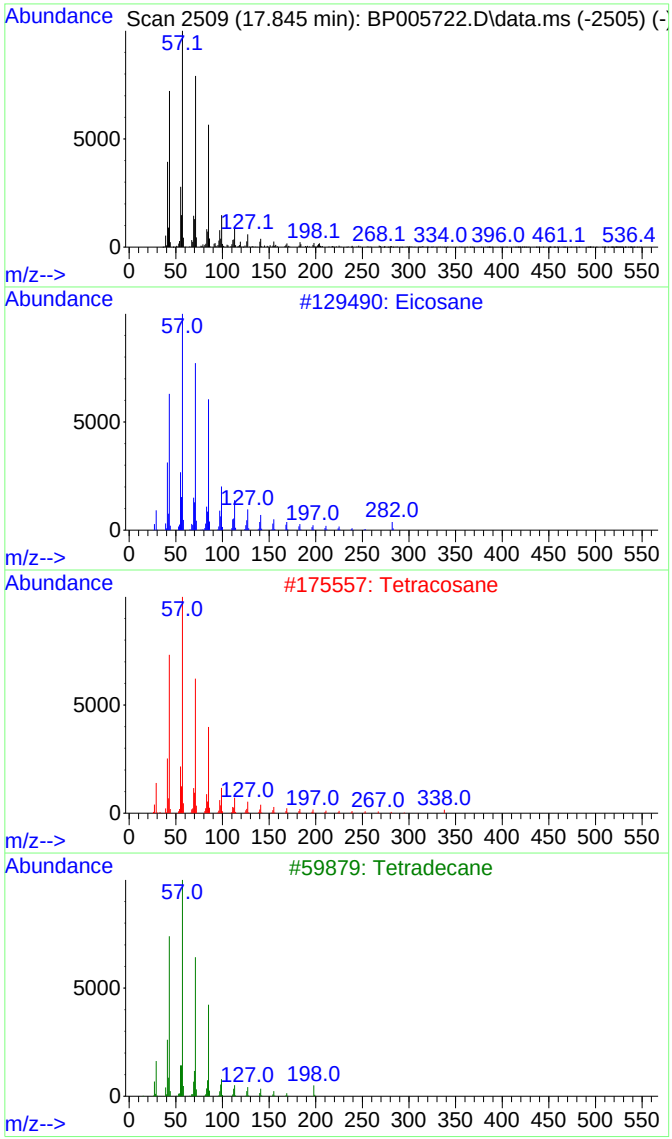
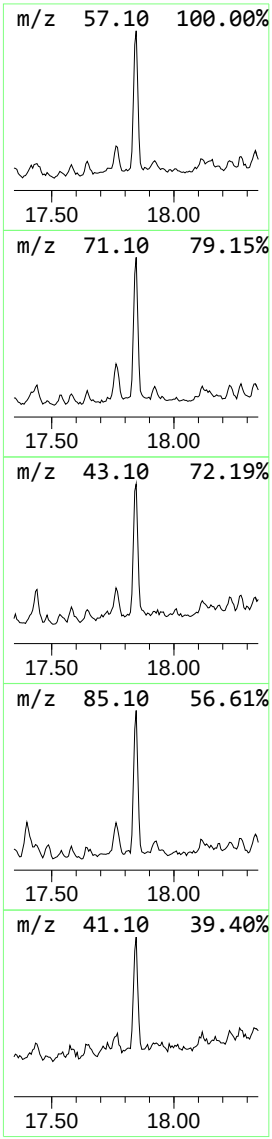
Peak Number 11 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	5.57 ng	558002	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Tridecane	184	C13H28	000629-50-5	87





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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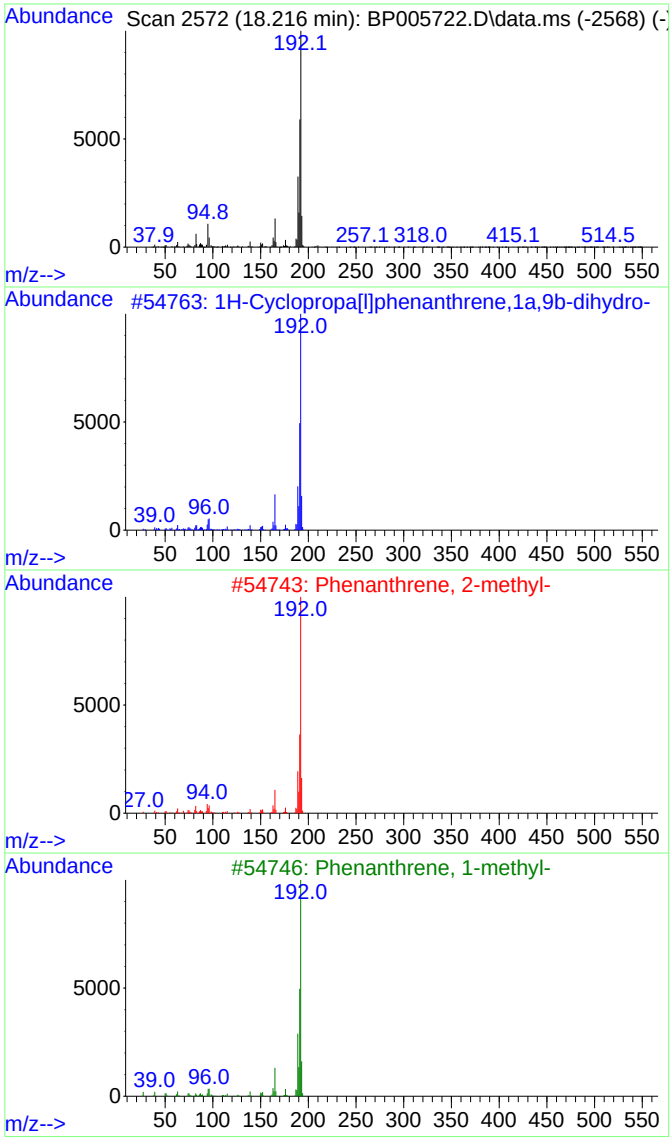
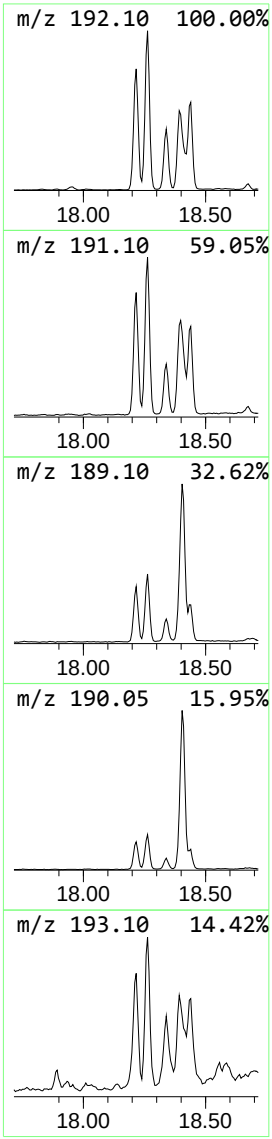
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	9.37 ng	938401	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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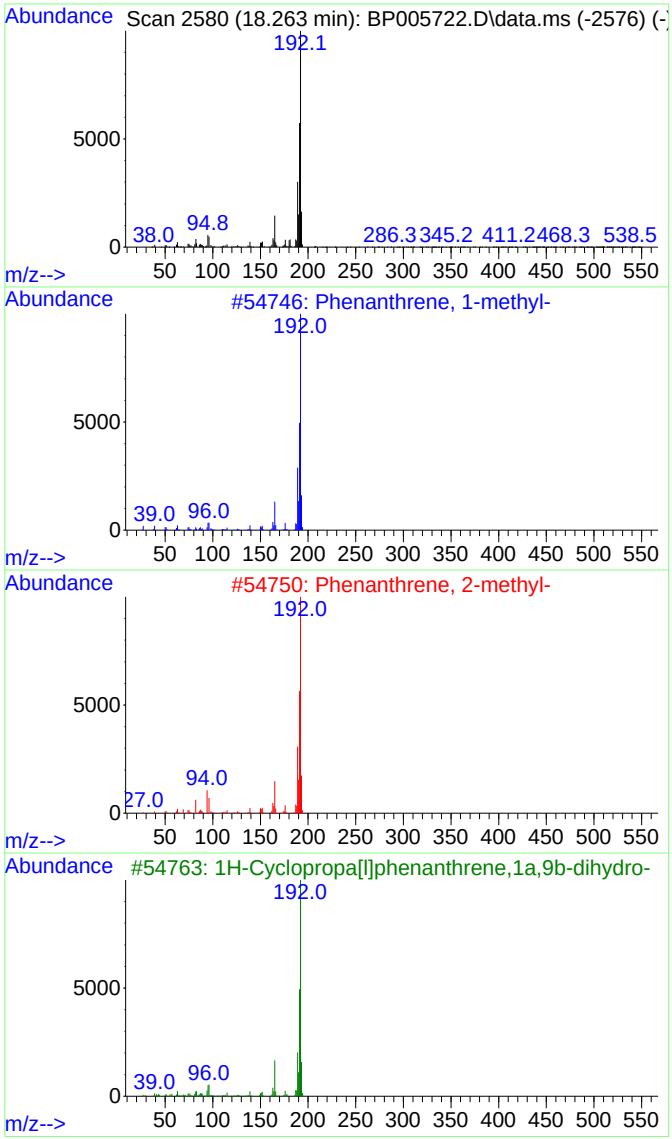
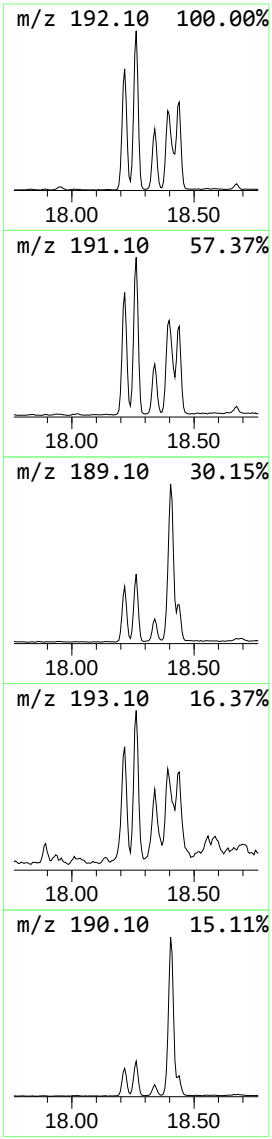
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	13.15 ng	1316430	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

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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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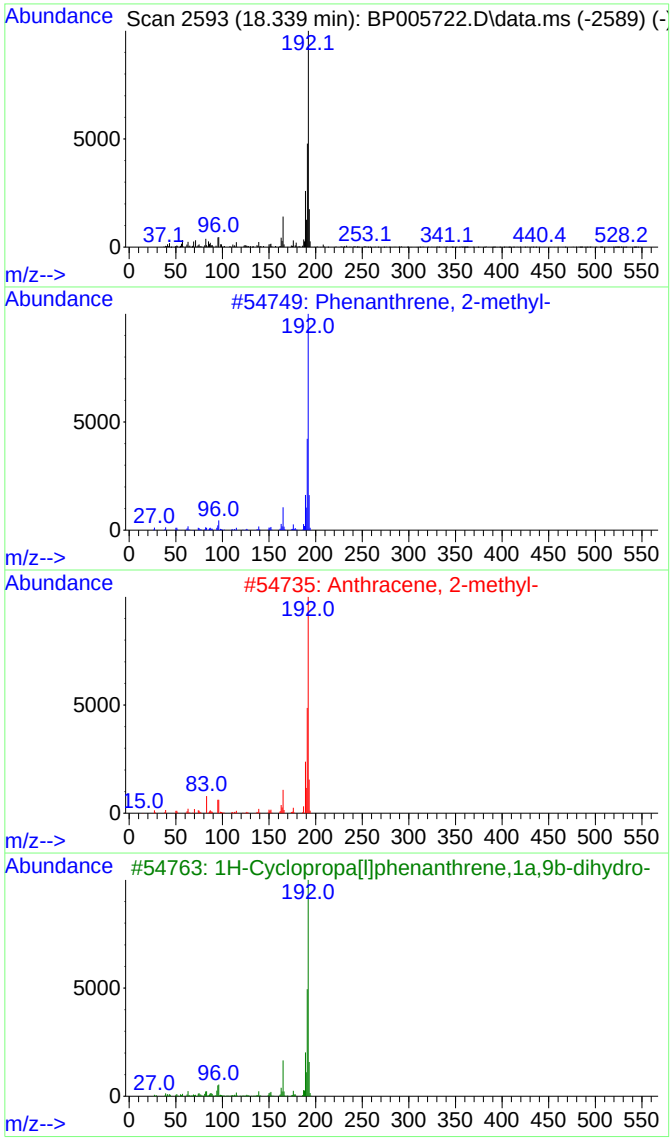
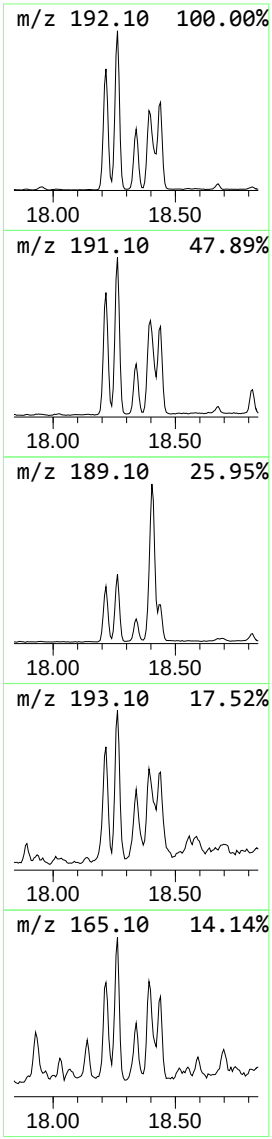
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	4.76 ng	476072	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

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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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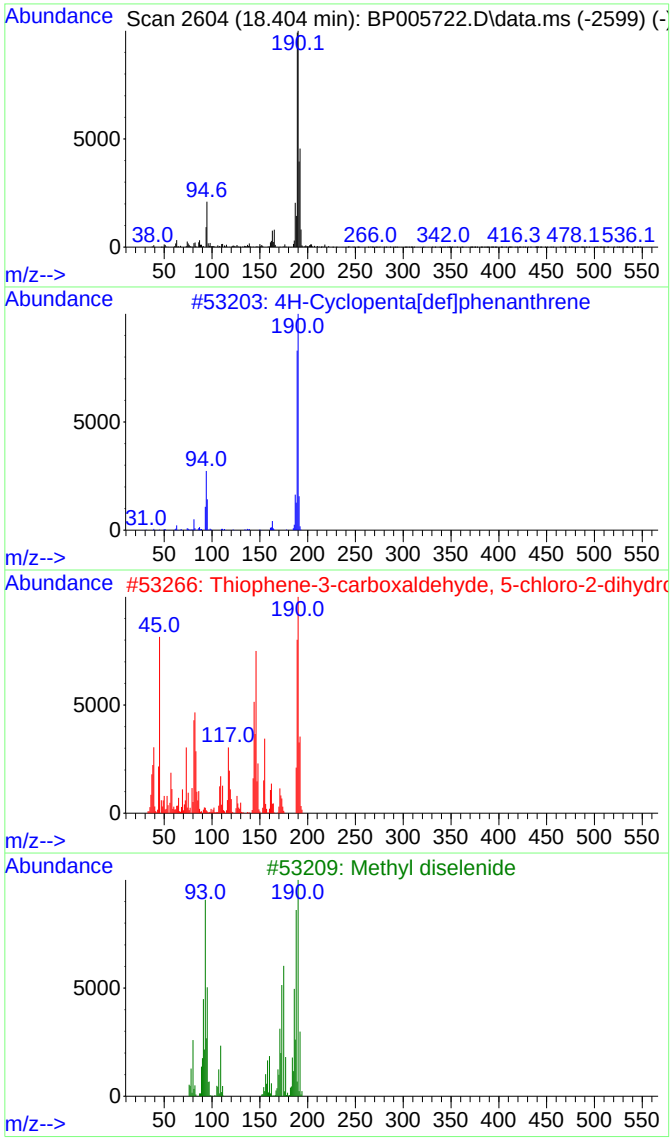
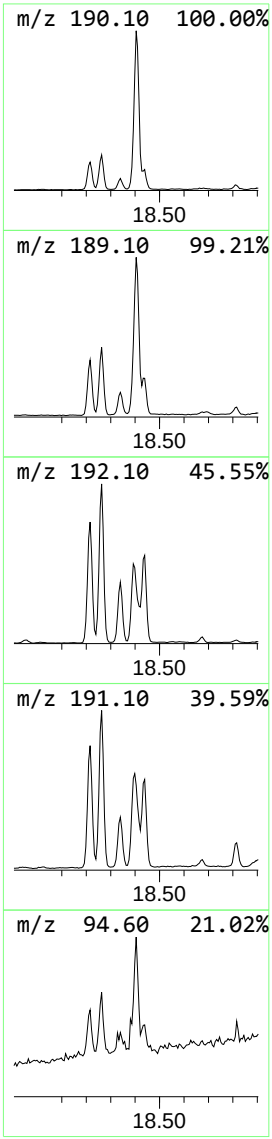
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	15.81 ng	1582450	Phenanthrene-d10	17.351

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	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
18-B10(2-4)

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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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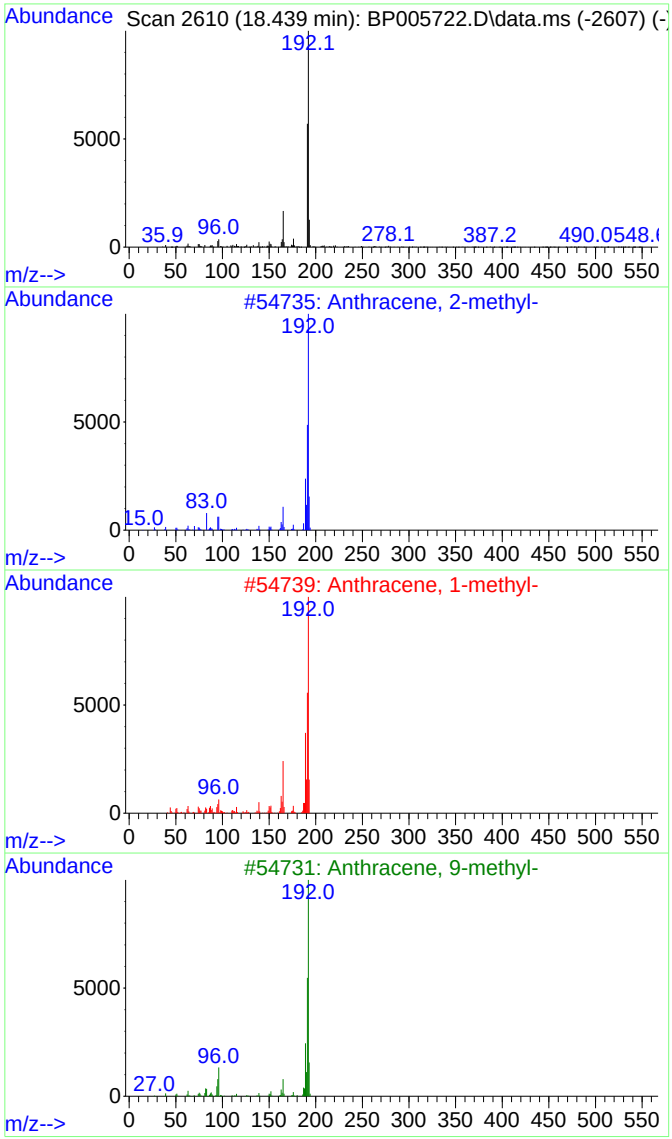
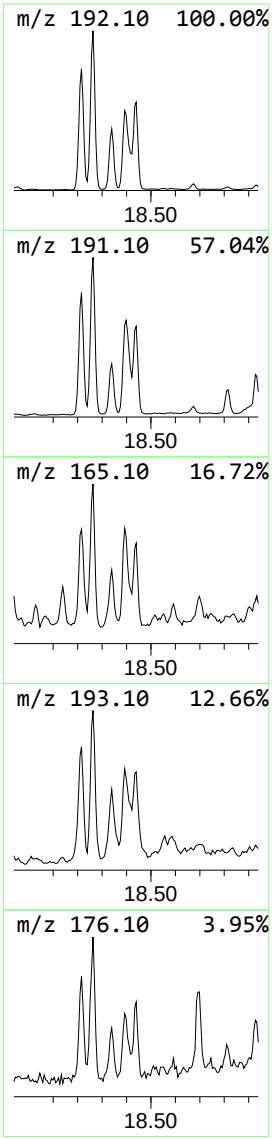
Peak Number 16 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.439	5.93 ng	593784	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Sample : M2589-12
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B10(2-4)

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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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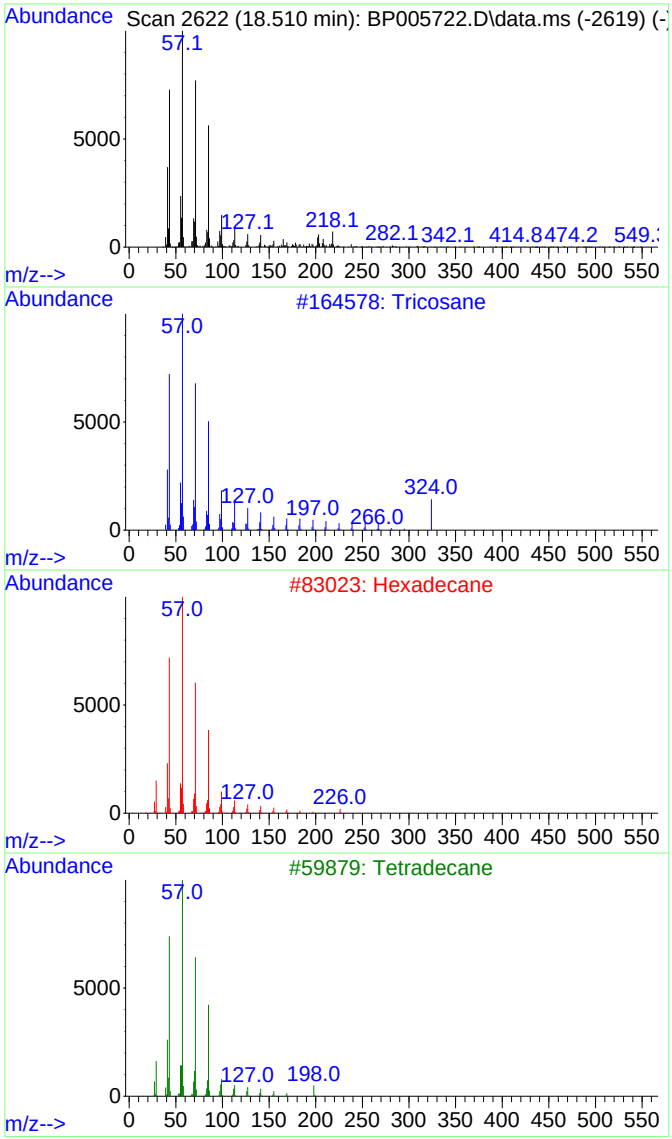
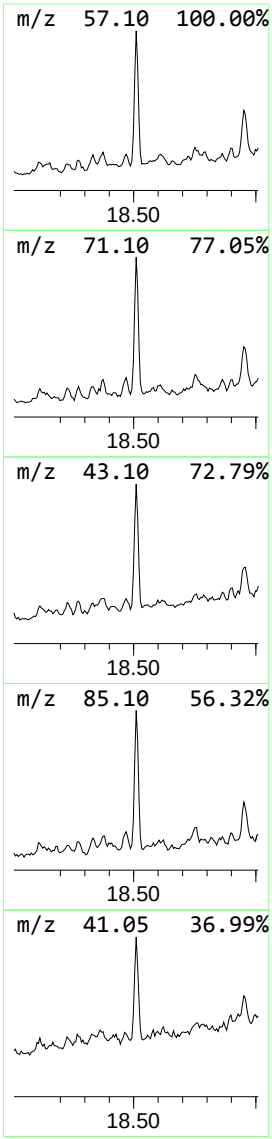
Peak Number 17 Tricosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	4.69 ng	469103	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	83
4	Nonadecane	268	C19H40	000629-92-5	83
5	Tetracosane	338	C24H50	000646-31-1	83





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Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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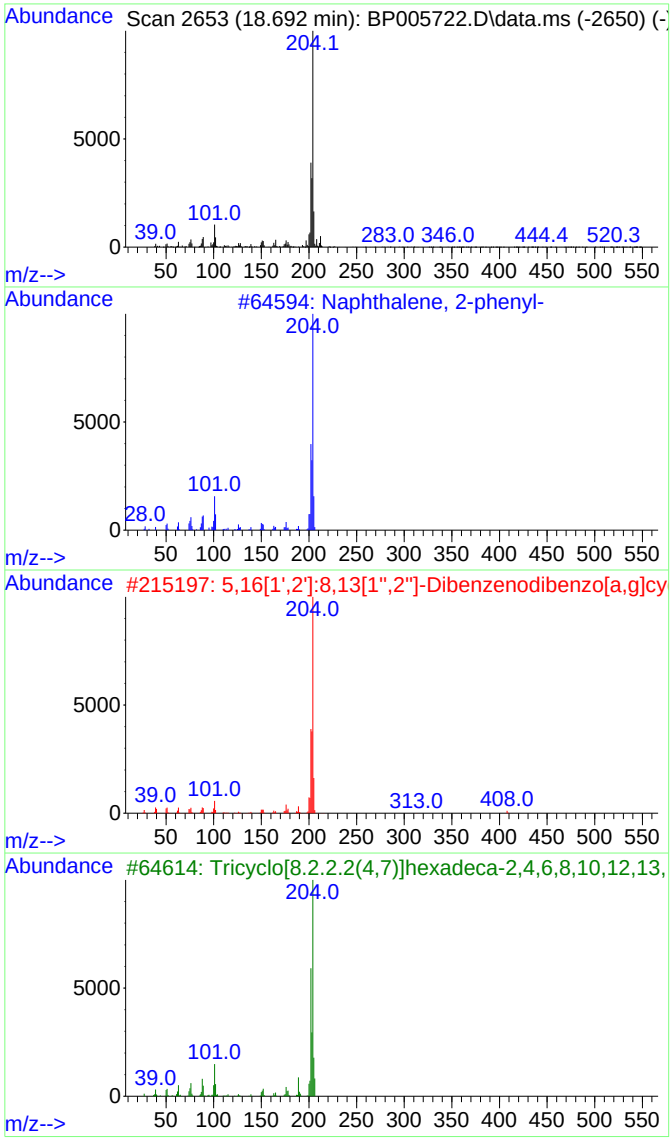
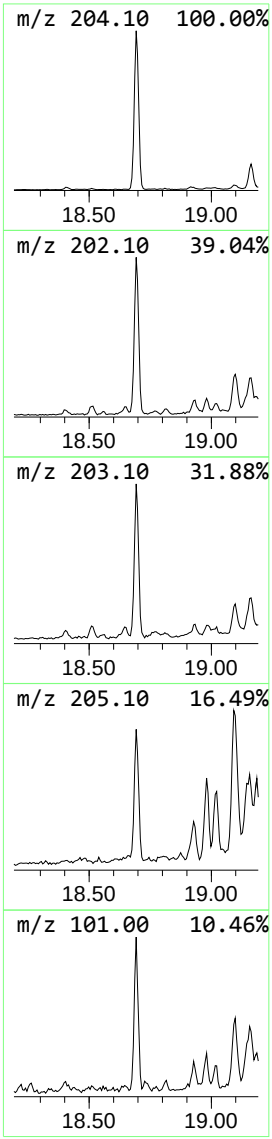
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	5.74 ng	574934	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
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	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47





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Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B10(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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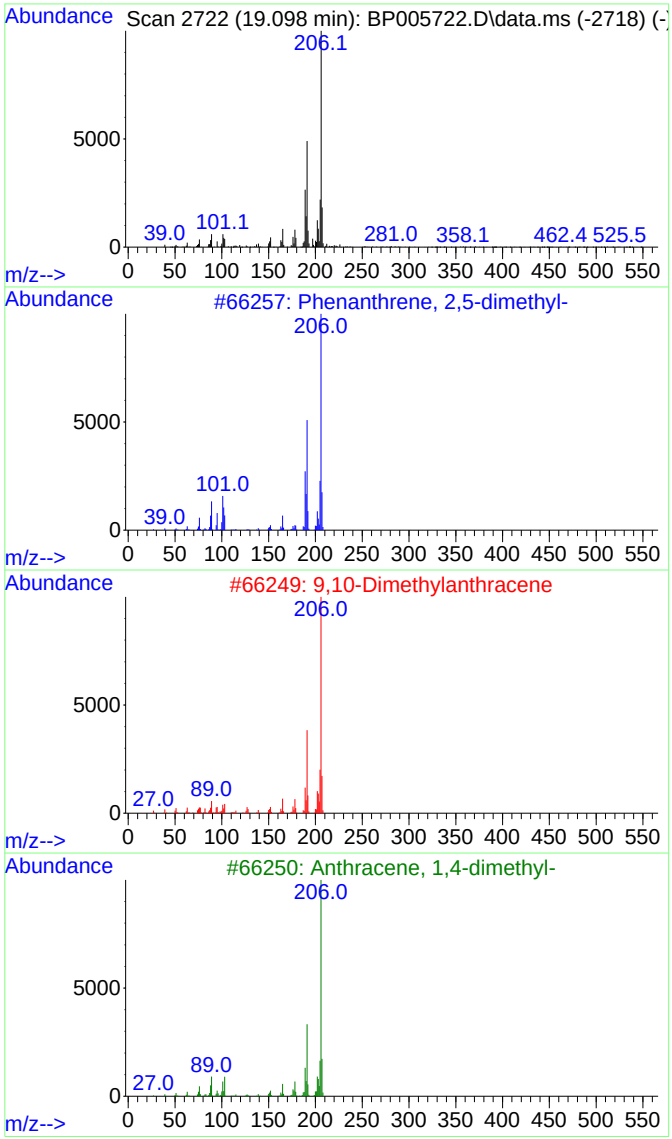
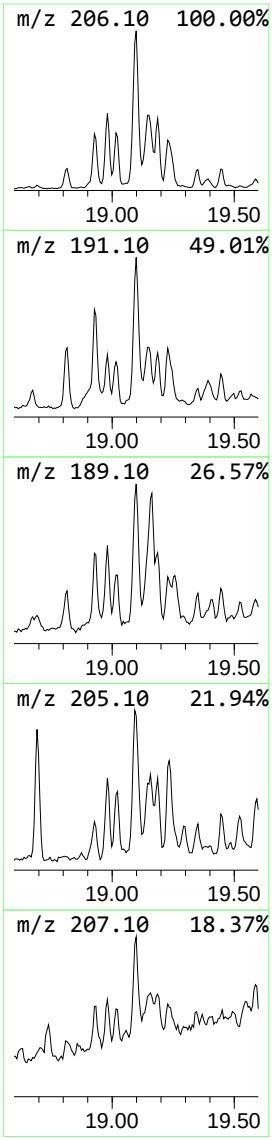
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	5.13 ng	513069	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B10(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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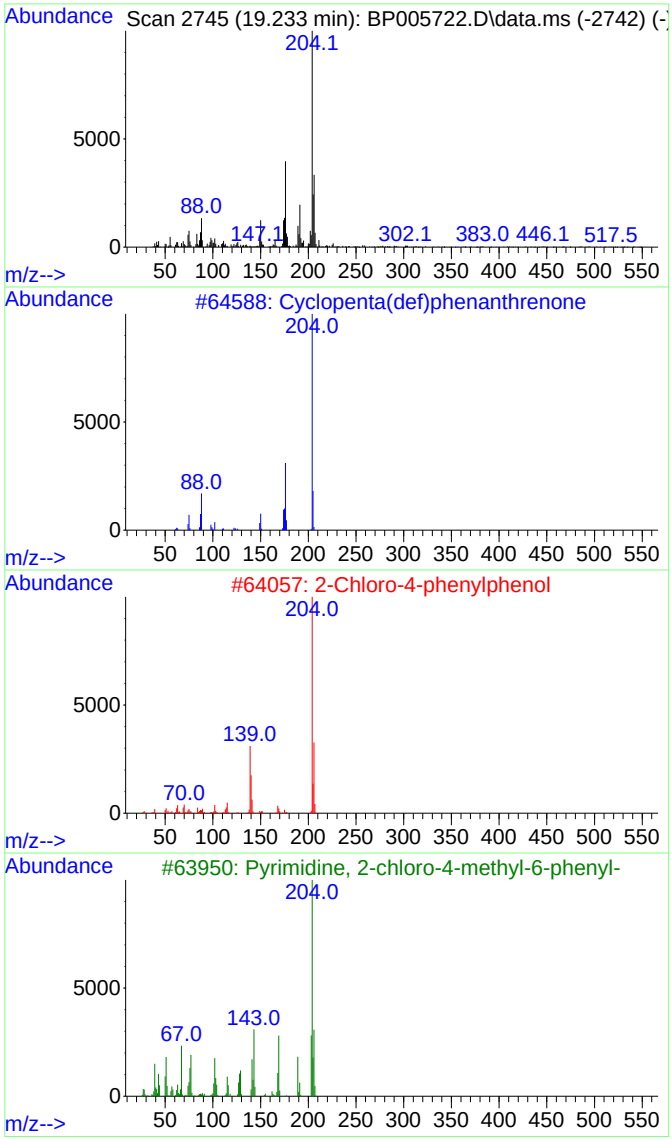
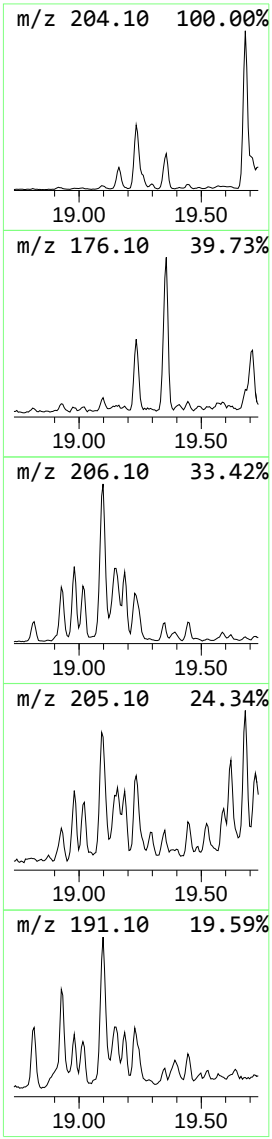
Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	4.92 ng	492371	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005722.D
Acq On : 04 Jun 2021 21:07
Operator : CG/JU
Sample : M2589-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B10(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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
3-Penten-2-one,...	4.469	48.5	ng	2442790	1	7.987	1006570	20.0
2-Pentanone, 4-...	5.093	171.2	ng	8616460	1	7.987	1006570	20.0
unknown13.440	13.440	5.0	ng	496944	3	14.610	1977020	20.0
Naphthalene, 1,...	13.934	4.1	ng	402664	3	14.610	1977020	20.0
Hexadecane	14.504	4.7	ng	461576	3	14.610	1977020	20.0
Tetracosane	15.451	4.7	ng	460457	3	14.610	1977020	20.0
Tridecane	16.310	5.8	ng	577832	4	17.351	2002010	20.0
9H-Fluoren-9-one	17.004	4.5	ng	446203	4	17.351	2002010	20.0
Undecane, 2,10-...	17.104	5.7	ng	569018	4	17.351	2002010	20.0
Dibenzothiophene	17.163	9.3	ng	936178	4	17.351	2002010	20.0
Eicosane	17.845	5.6	ng	558002	4	17.351	2002010	20.0
1H-Cyclopropa[l...	18.216	9.4	ng	938401	4	17.351	2002010	20.0
Phenanthrene, 1...	18.263	13.2	ng	1316430	4	17.351	2002010	20.0
Phenanthrene, 2...	18.339	4.8	ng	476072	4	17.351	2002010	20.0
4H-Cyclopenta[d...	18.404	15.8	ng	1582450	4	17.351	2002010	20.0
Anthracene, 2-m...	18.439	5.9	ng	593784	4	17.351	2002010	20.0
Tricosane	18.510	4.7	ng	469103	4	17.351	2002010	20.0
Naphthalene, 2-...	18.692	5.7	ng	574934	4	17.351	2002010	20.0
Phenanthrene, 2...	19.098	5.1	ng	513069	4	17.351	2002010	20.0
Cyclopenta(def)...	19.233	4.9	ng	492371	4	17.351	2002010	20.0