LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
Data File : BP006536.D
Acq On : 06 Aug 2021 13:12
Operator : CG/JU
Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5

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-BP080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006536.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.905	304	309	317	rVB	1506789	2138719	20.05%	2.212%
2	5.358	380	386	393	rBV	4347841	6097483	57.17%	6.308%
3	5.969	484	490	495	rBV	279960	393214	3.69%	0.407%
4	6.758	614	624	628	rBV7	54159	146187	1.37%	0.151%
5	6.940	643	655	661	rBV	4054367	6609571	61.97%	6.837%
6	7.381	726	730	742	rVB2	102520	245286	2.30%	0.254%
7	7.675	771	780	785	rBV4	65601	158688	1.49%	0.164%
8	7.758	785	794	800	rVV	967771	1625283	15.24%	1.681%
9	8.852	968	980	983	rBV9	53824	174077	1.63%	0.180%
10	8.910	983	990	998	rVV	2641405	4344591	40.74%	4.494%
11	8.981	998	1002	1011	rVB3	104963	204338	1.92%	0.211%
12	9.210	1032	1041	1052	rVV2	77113	209521	1.96%	0.217%
13	10.134	1192	1198	1207	rVB3	81392	180867	1.70%	0.187%
14	10.328	1222	1231	1240	rBV	259659	440681	4.13%	0.456%
15	10.540	1258	1267	1273	rBV	1327620	2332739	21.87%	2.413%
16	10.710	1291	1296	1302	rVB	181064	277946	2.61%	0.288%
17	11.240	1380	1386	1392	rVB3	87994	177475	1.66%	0.184%
18	11.575	1436	1443	1447	rBV	328344	533062	5.00%	0.551%
19	11.975	1502	1511	1517	rBV2	119193	275037	2.58%	0.285%
20	12.193	1542	1548	1555	rVB5	102967	245241	2.30%	0.254%
21	12.669	1621	1629	1635	rBV4	105995	210045	1.97%	0.217%
22	12.928	1669	1673	1677	rBV	193932	255535	2.40%	0.264%
23	13.010	1677	1687	1695	rVB	5475644	8039627	75.38%	8.317%
24	13.222	1715	1723	1731	rBV2	186132	341846	3.21%	0.354%
25	13.663	1793	1798	1801	rBV2	108415	164238	1.54%	0.170%
26	13.704	1801	1805	1809	rVV	107906	184697	1.73%	0.191%
27	13.751	1809	1813	1817	rVV3	123226	209649	1.97%	0.217%
28	13.804	1817	1822	1826	rVV2	204075	316376	2.97%	0.327%
29	13.881	1826	1835	1839	rVV2	292171	505775	4.74%	0.523%
30	13.922	1839	1842	1849	rVB4	116119	233745	2.19%	0.242%
31	14.210	1887	1891	1899	rVB6	99538	185471	1.74%	0.192%
32	14.298	1900	1906	1910	rVB	223626	334111	3.13%	0.346%
33	14.381	1911	1920	1927	rBV	1851270	2945266	27.62%	3.047%
34	14.616	1956	1960	1966	rVB7	78717	153671	1.44%	0.159%
35	14.787	1985	1989	1996	rVB2	158897	280336	2.63%	0.290%
36	14.857	1996	2001	2007	rVB	152223	250132	2.35%	0.259%

LSC Area Percent Report

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Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5

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-BP080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.922	2007	2012	2020	rBV4	151062	315806	2.96%	0.327%
38	15.004	2020	2026	2030	rBV3	194355	353913	3.32%	0.366%
39	15.057	2031	2035	2039	rVB2	108559	177785	1.67%	0.184%
40	15.104	2039	2043	2050	rBV7	78764	157932	1.48%	0.163%
41	15.175	2050	2055	2059	rBV2	120612	193068	1.81%	0.200%
42	15.251	2064	2068	2072	rBV	237007	267685	2.51%	0.277%
43	15.481	2102	2107	2112	rBV3	107909	195316	1.83%	0.202%
44	15.657	2131	2137	2142	rBV2	163871	274345	2.57%	0.284%
45	15.875	2167	2174	2183	rBV	4271526	6262746	58.72%	6.479%
46	15.951	2183	2187	2199	rVB4	118652	288709	2.71%	0.299%
47	16.116	2210	2215	2217	rBV2	429004	577340	5.41%	0.597%
48	16.792	2326	2330	2337	rBV3	163143	316077	2.96%	0.327%
49	16.863	2339	2342	2347	rVV7	122676	264594	2.48%	0.274%
50	16.910	2347	2350	2355	rVV2	307733	407897	3.82%	0.422%
51	16.963	2355	2359	2367	rVB2	192000	294875	2.76%	0.305%
52	17.139	2383	2389	2393	rBV	2079280	3055911	28.65%	3.161%
53	17.181	2393	2396	2399	rVB	138919	179610	1.68%	0.186%
54	17.328	2416	2421	2426	rBV2	211548	401321	3.76%	0.415%
55	17.422	2433	2437	2439	rBV	98283	158436	1.49%	0.164%
56	17.451	2439	2442	2446	rVB2	216150	274527	2.57%	0.284%
57	17.657	2474	2477	2480	rVB	240220	243544	2.28%	0.252%
58	17.716	2485	2487	2491	rVB2	152765	166635	1.56%	0.172%
59	17.822	2501	2505	2509	rBV4	107420	163716	1.54%	0.169%
60	18.010	2533	2537	2539	rBV	271496	337959	3.17%	0.350%
61	18.045	2539	2543	2552	rVV3	1149513	1835745	17.21%	1.899%
62	18.134	2552	2558	2559	rVV5	107171	220368	2.07%	0.228%
63	18.186	2563	2567	2571	rVV	785884	1159645	10.87%	1.200%
64	18.234	2571	2575	2581	rVB	265480	384673	3.61%	0.398%
65	18.334	2586	2592	2598	rVV3	373839	819687	7.69%	0.848%
66	18.386	2598	2601	2607	rVB2	288117	417317	3.91%	0.432%
67	18.498	2615	2620	2624	rBV3	371152	585501	5.49%	0.606%
68	18.733	2657	2660	2664	rVB	295364	351659	3.30%	0.364%
69	18.781	2664	2668	2671	rBV	375007	488941	4.58%	0.506%
70	18.822	2672	2675	2678	rVB	323288	381033	3.57%	0.394%
71	18.898	2683	2688	2693	rBV	1161202	1724909	16.17%	1.784%
72	18.945	2693	2696	2701	rVV2	680982	1022441	9.59%	1.058%
73	18.986	2701	2703	2707	rVB	368340	437159	4.10%	0.452%
74	19.033	2707	2711	2718	rBV2	293197	572318	5.37%	0.592%
75	19.157	2727	2732	2738	rVB2	569850	843768	7.91%	0.873%
76	19.222	2739	2743	2746	rBV	400605	510414	4.79%	0.528%

LSC Area Percent Report

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Sample : M3271-13
Misc :
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Instrument : BNA_P
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.281	2751	2753	2759	rVB4	262620	400647	3.76%	0.414%
78	19.428	2775	2778	2784	rVB2	220017	310454	2.91%	0.321%
79	19.504	2788	2791	2793	rBV	485040	576171	5.40%	0.596%
80	19.586	2800	2805	2810	rVB	631457	969821	9.09%	1.003%
81	19.669	2815	2819	2822	rBV	187720	243015	2.28%	0.251%
82	19.716	2822	2827	2832	rBV	8568035	10665179	100.00%	11.033%
83	19.822	2841	2845	2848	rBV2	439213	608023	5.70%	0.629%
84	19.910	2856	2860	2862	rBV2	183740	248778	2.33%	0.257%
85	19.945	2863	2866	2871	rVV4	243906	489396	4.59%	0.506%
86	19.992	2871	2874	2877	rVV	251275	305248	2.86%	0.316%
87	20.028	2877	2880	2883	rVB	411103	432855	4.06%	0.448%
88	20.192	2905	2908	2914	rBV5	99737	164539	1.54%	0.170%
89	20.280	2920	2923	2926	rBV	190038	279467	2.62%	0.289%
90	20.510	2959	2962	2965	rBV2	289482	281755	2.64%	0.291%
91	20.580	2970	2974	2976	rBV2	270810	376568	3.53%	0.390%
92	20.728	2995	2999	3005	rVB2	502125	808987	7.59%	0.837%
93	20.963	3035	3039	3044	rBV2	778937	969872	9.09%	1.003%
94	21.233	3081	3085	3090	rBV	2619437	3603404	33.79%	3.728%
95	21.351	3102	3105	3109	rVB2	328931	432633	4.06%	0.448%
96	21.398	3110	3113	3116	rBV3	406750	527773	4.95%	0.546%
97	21.775	3174	3177	3179	rBV2	316865	401103	3.76%	0.415%
98	21.851	3186	3190	3196	rBV	577010	1102799	10.34%	1.141%
99	22.333	3269	3272	3282	rVB4	296932	543356	5.09%	0.562%
100	23.569	3475	3482	3489	rBV2	1726709	3421822	32.08%	3.540%

Sum of corrected areas: 96669516

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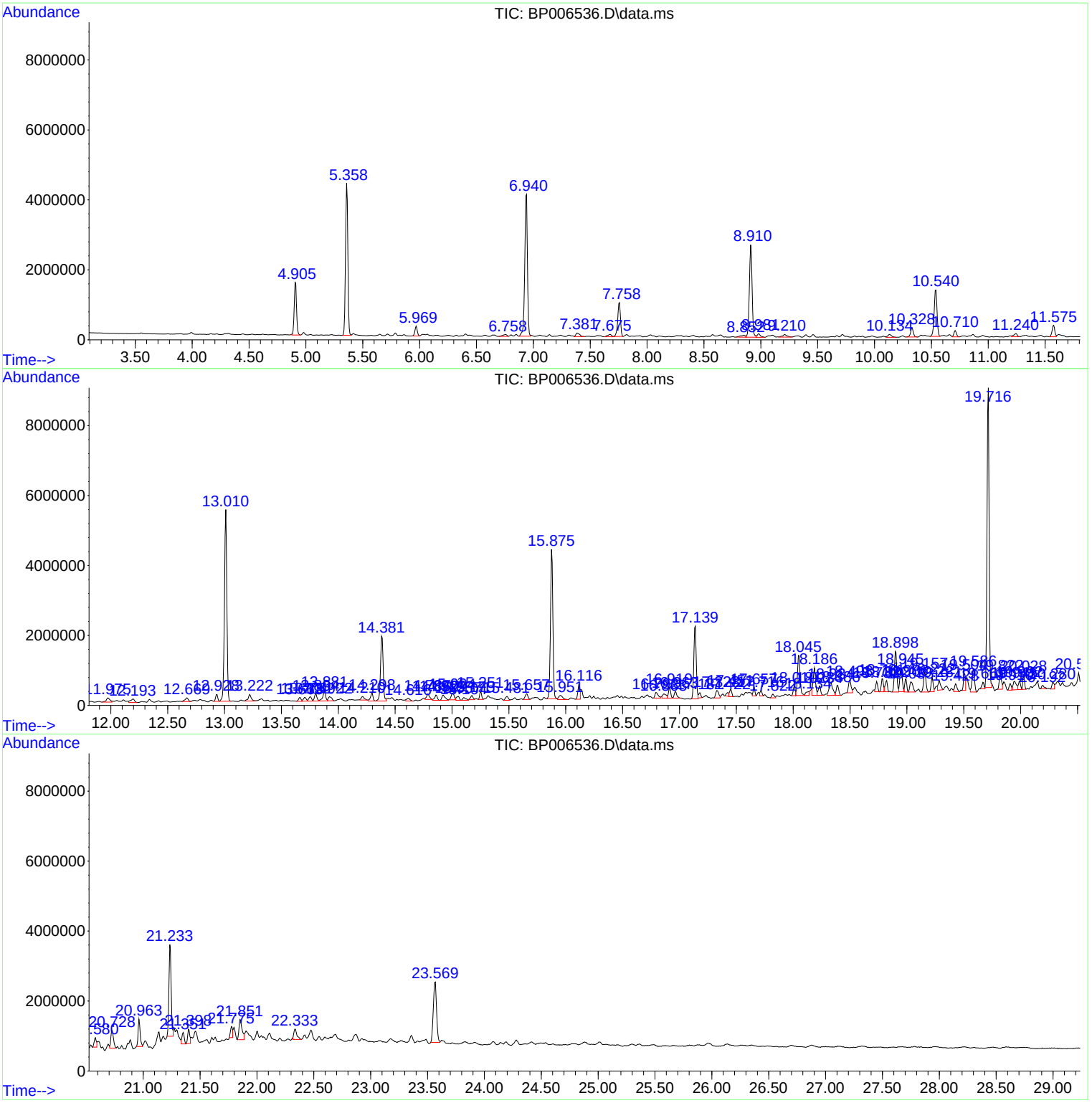
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.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\BP080621\
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BNA_P
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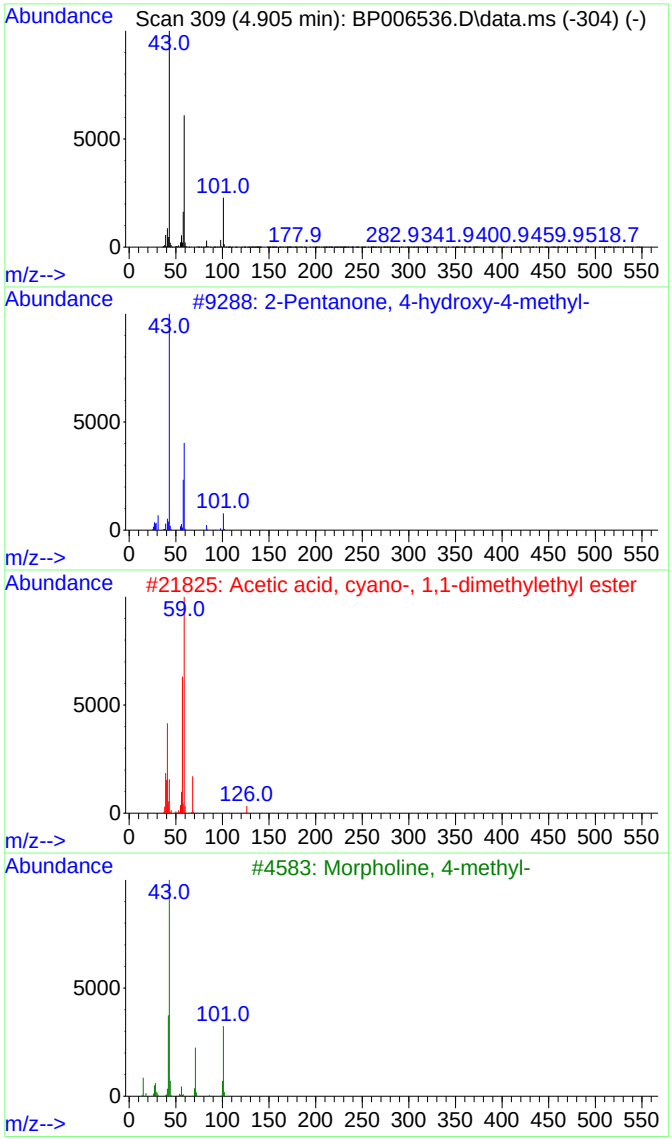
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

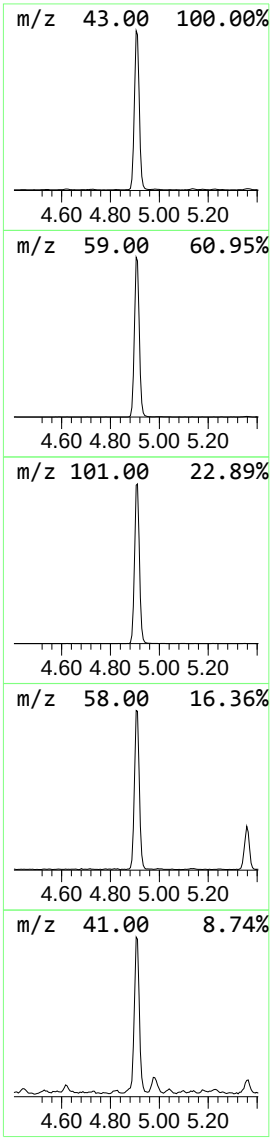
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.905	26.32 ng	2138720	1,4-Dichlorobenzene-d4	7.758

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
Data File : BP006536.D
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Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

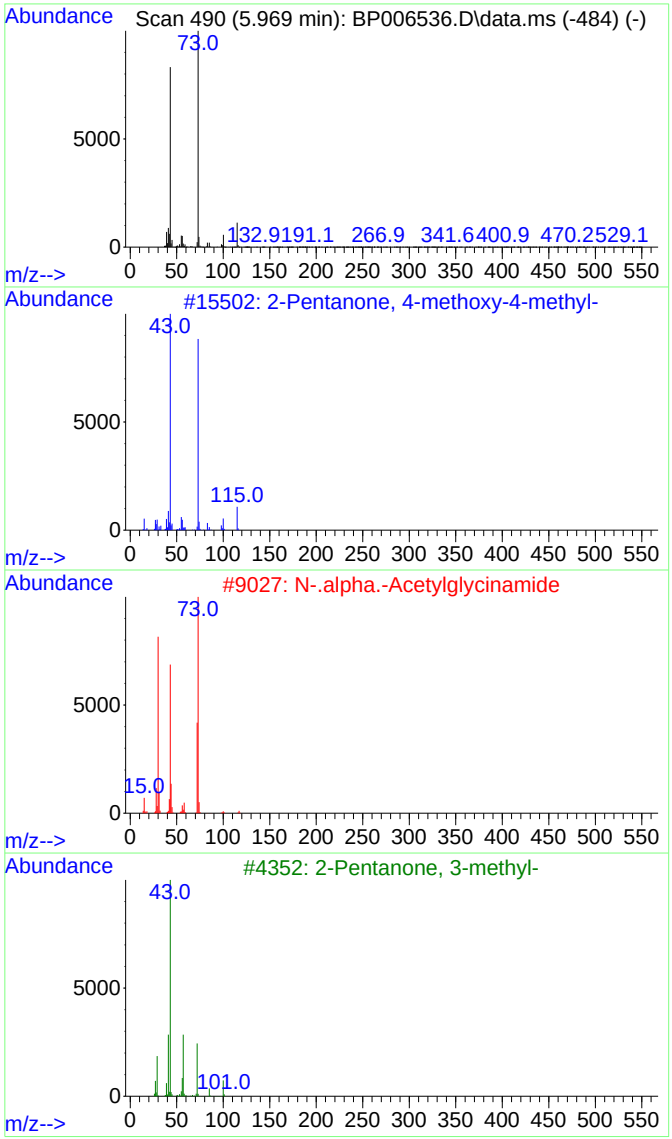
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

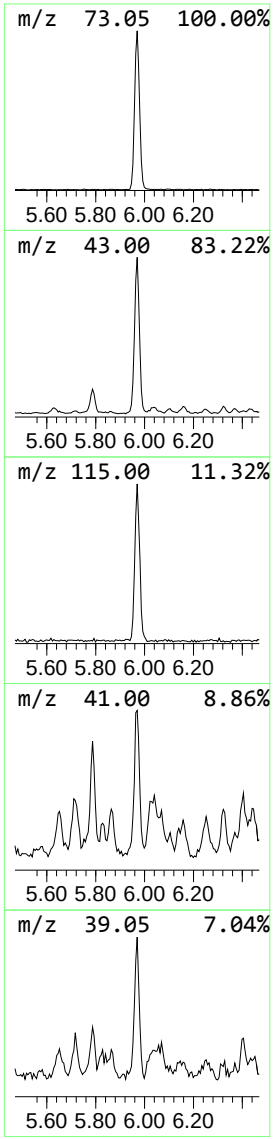
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.969	4.84 ng	393214	1,4-Dichlorobenzene-d4	7.758

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	33
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	16
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	16
5	N-Formylmorpholine	115	C5H9NO2	004394-85-8	10





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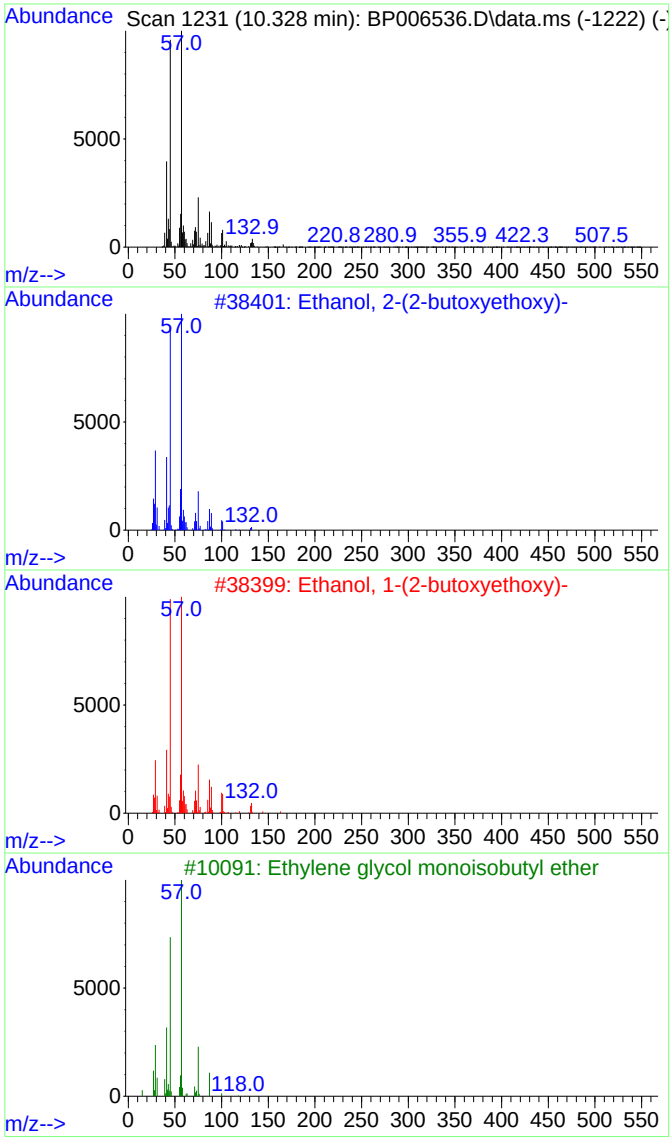
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

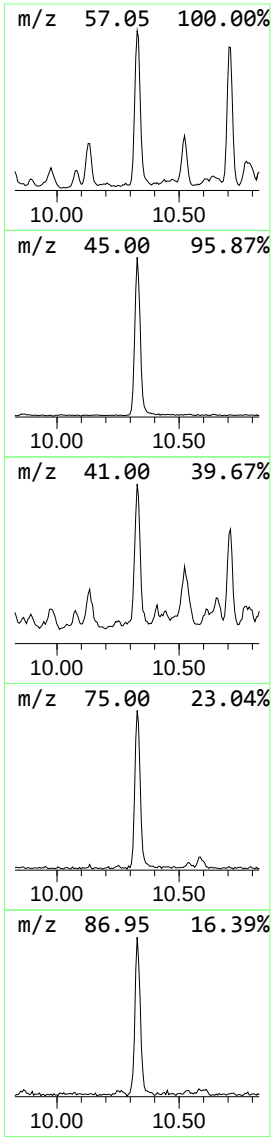
****

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	3.78 ng	440681	Naphthalene-d8	10.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	49
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	47





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Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

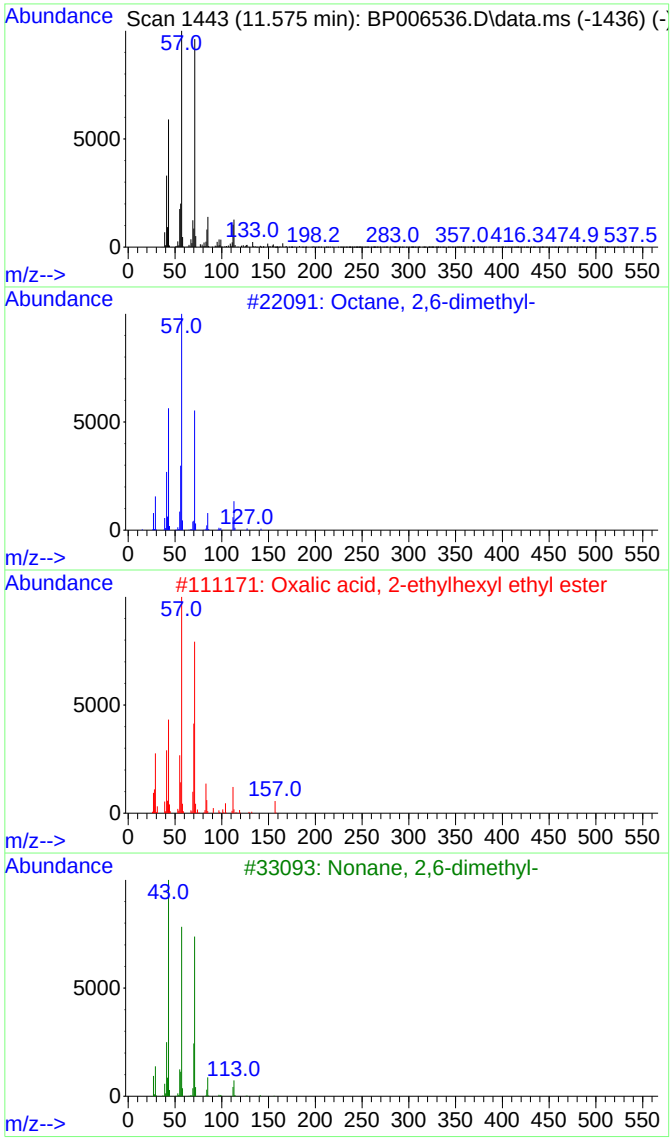
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

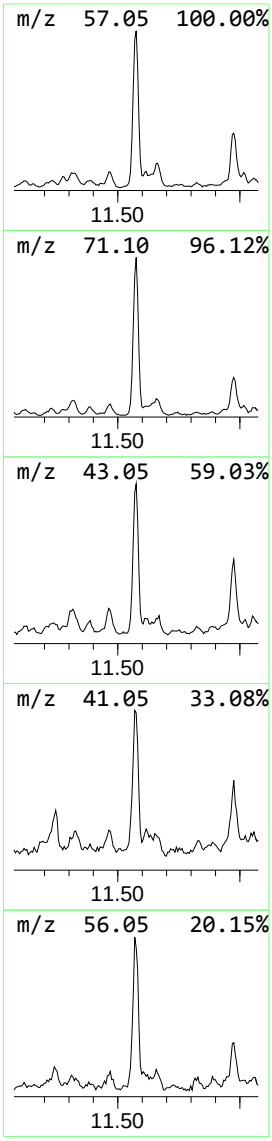
****

Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.575	4.57 ng	533062	Naphthalene-d8	10.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
4	3-(Octyloxy)-1,2-propanediol	204	C11H24O3	010438-94-5	64
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64





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Data File : BP006536.D
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Operator : CG/JU
Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

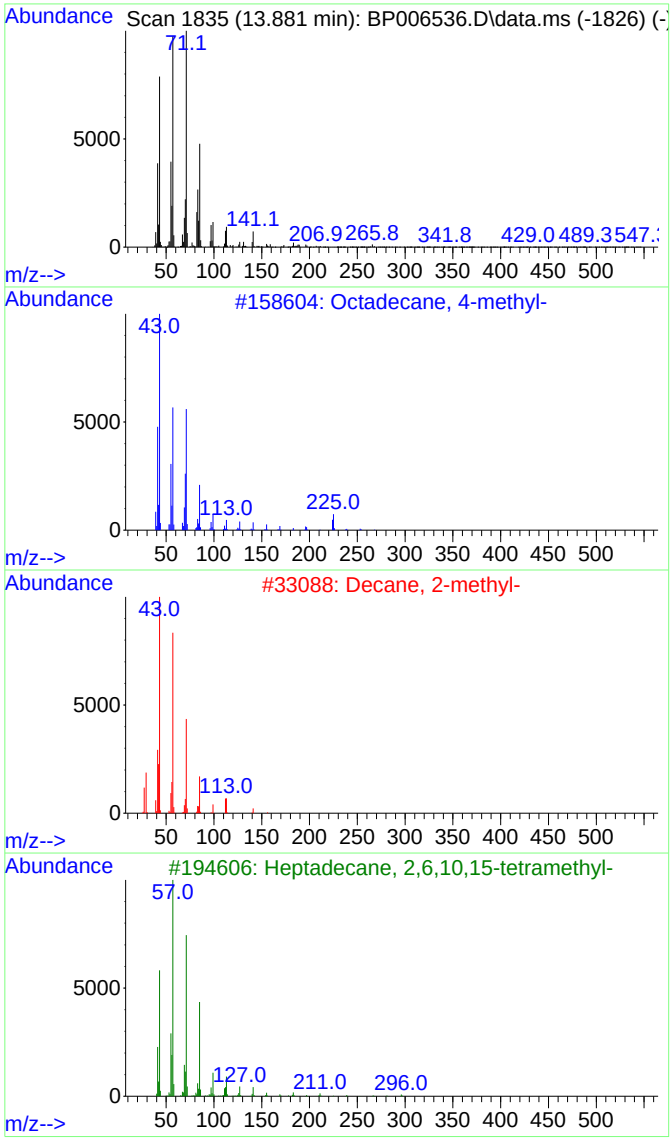
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

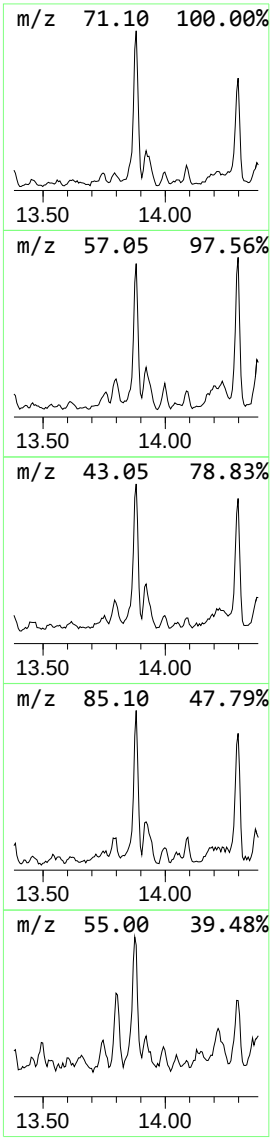
****

Peak Number 5 Octadecane, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.881	3.43 ng	505775	Acenaphthene-d10	14.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 4-methyl-	268	C19H40	010544-95-3	72
2	Decane, 2-methyl-	156	C11H24	006975-98-0	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	62





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Operator : CG/JU
Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5

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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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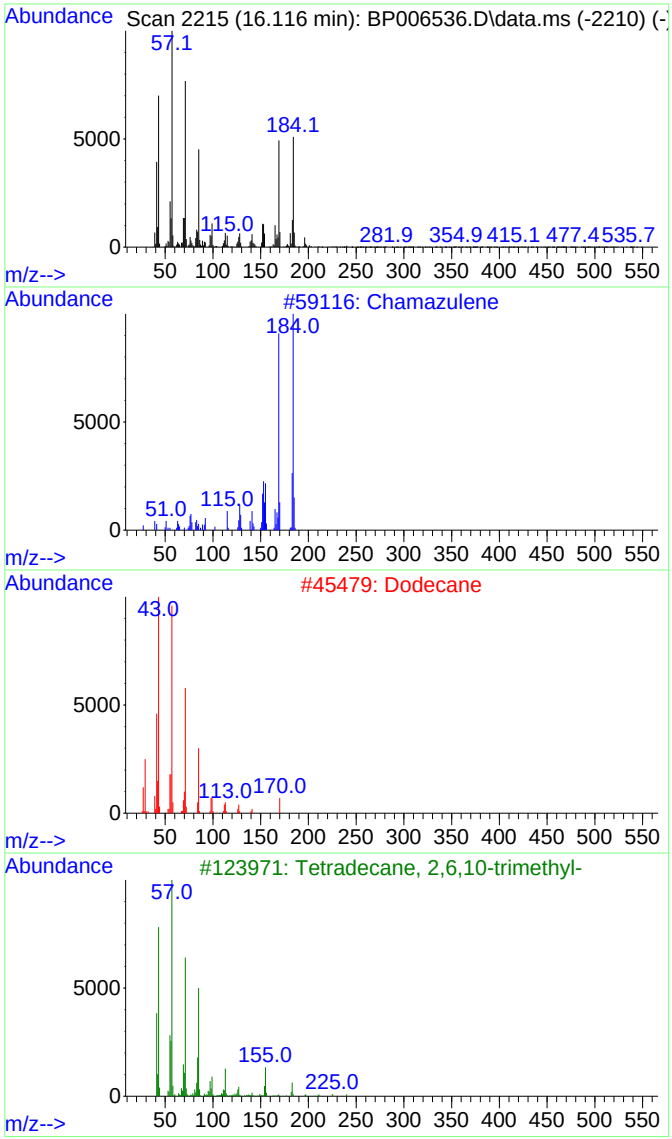
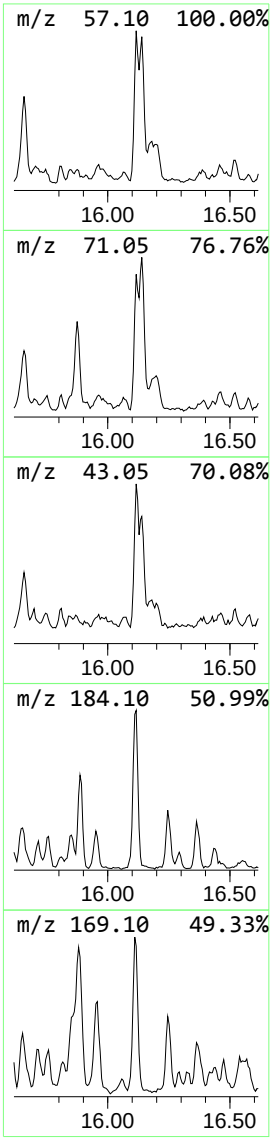
Peak Number 6 Chamazulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.116	3.78 ng	577340	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	89
2	Dodecane	170	C12H26	000112-40-3	50
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	50
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	48





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
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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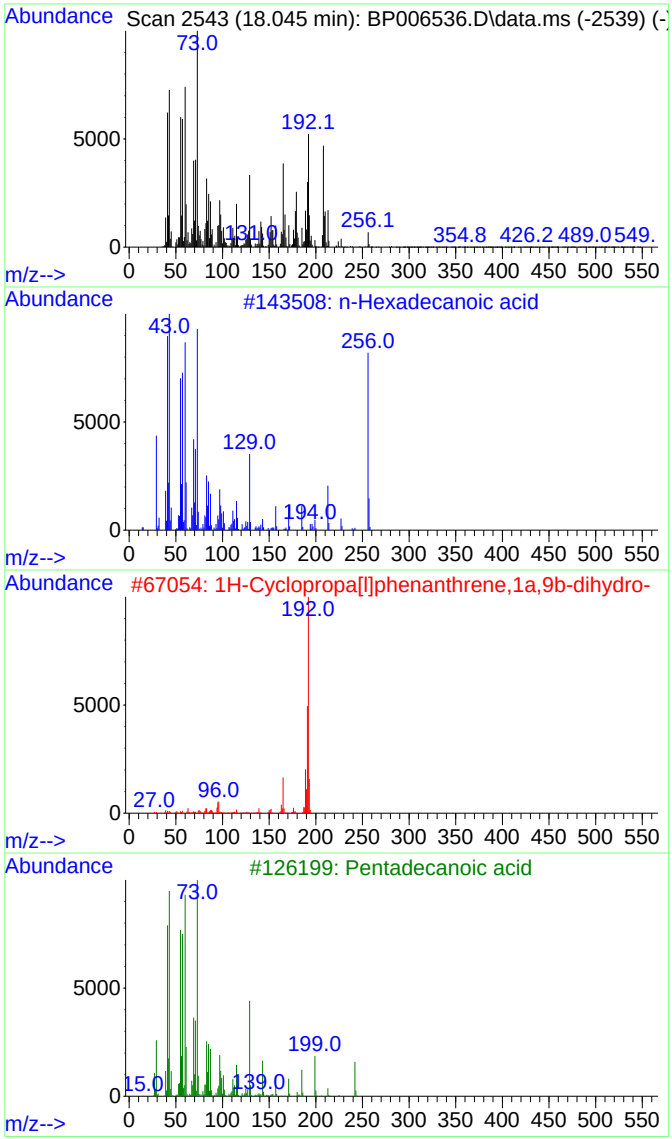
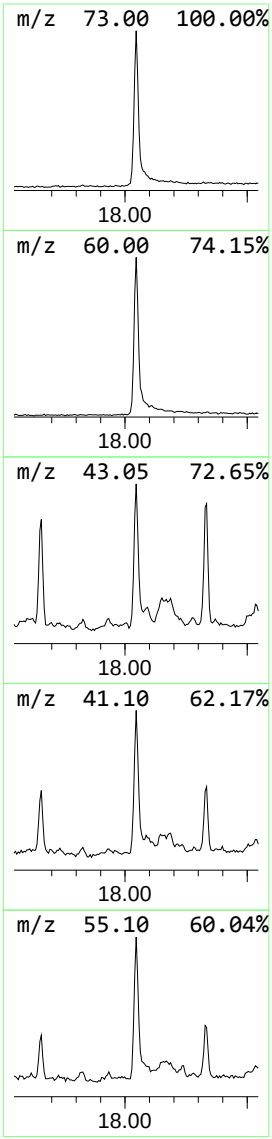
Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	12.01 ng	1835750	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	43
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	42
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	38
5	Octadecanoic acid	284	C18H36O2	000057-11-4	38





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Instrument :
BNA_P
ClientSampleId :
TP-5

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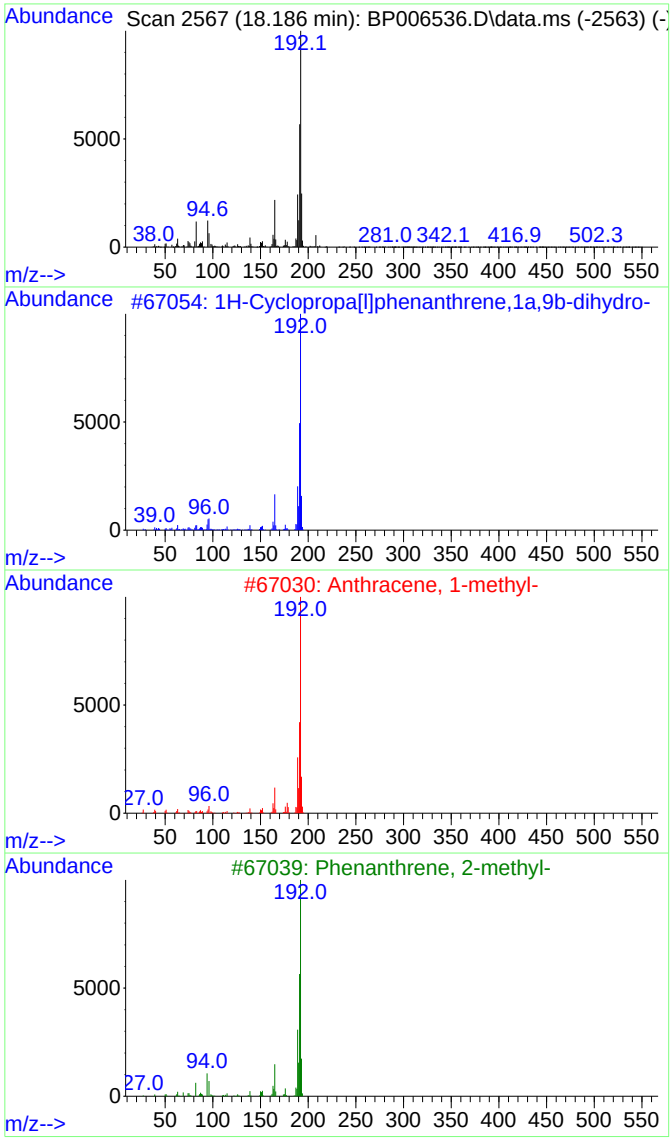
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

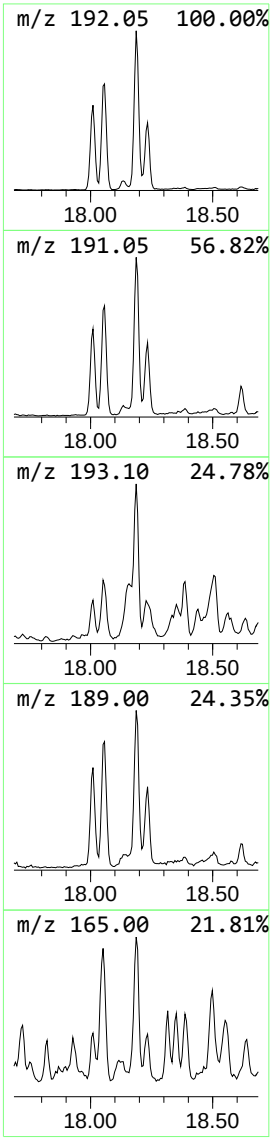
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	7.59 ng	1159650	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	92





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5

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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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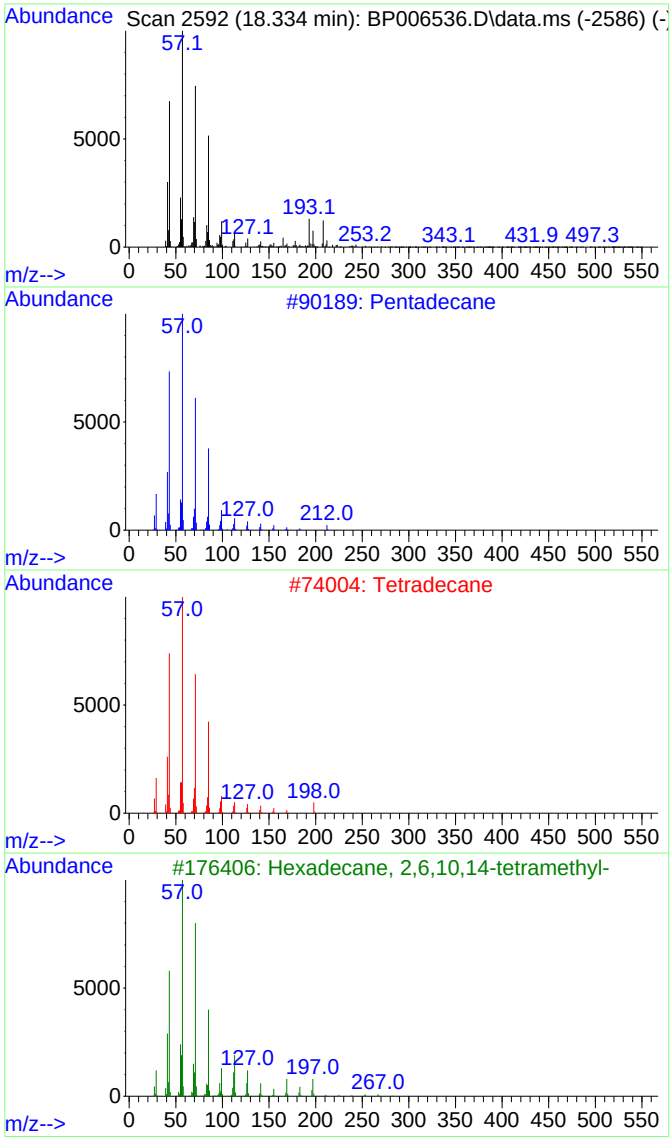
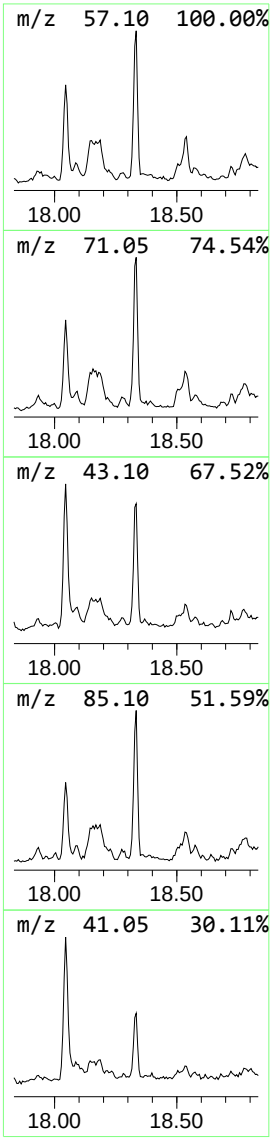
Peak Number 9 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	5.36 ng	819687	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Tetradecane	198	C14H30	000629-59-4	95
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	62





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Misc :
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Instrument : BNA_P
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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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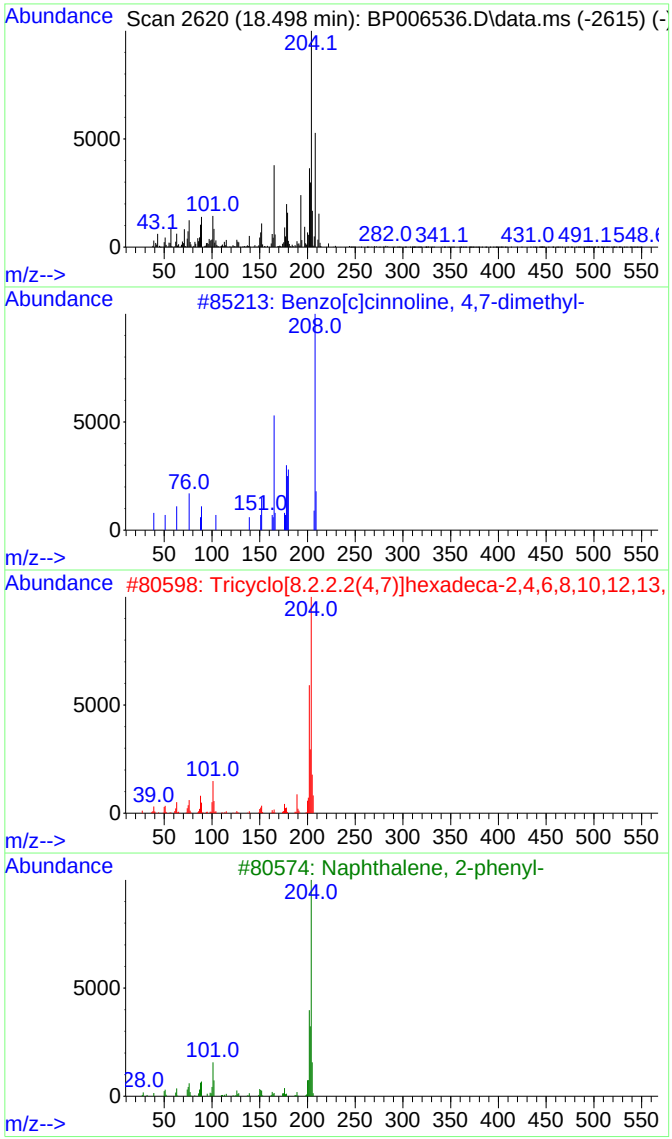
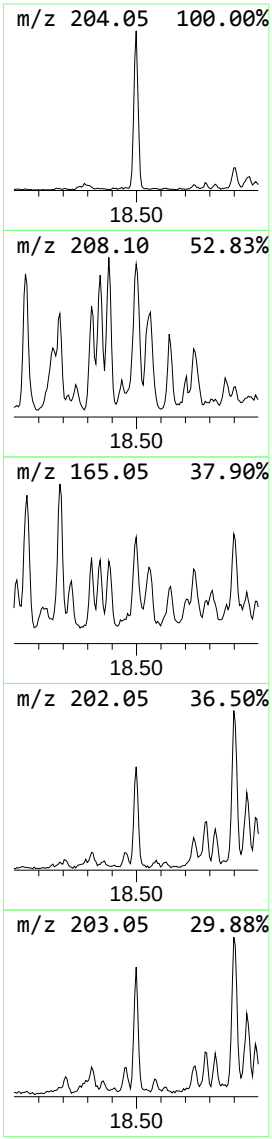
Peak Number 10 Benzo[c]cinnoline, 4,7-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	3.83 ng	585501	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	50
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4	9H-Fluoren-9-one, 2,3-dimethyl-	208	C15H12O	004627-17-2	30
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	30





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5

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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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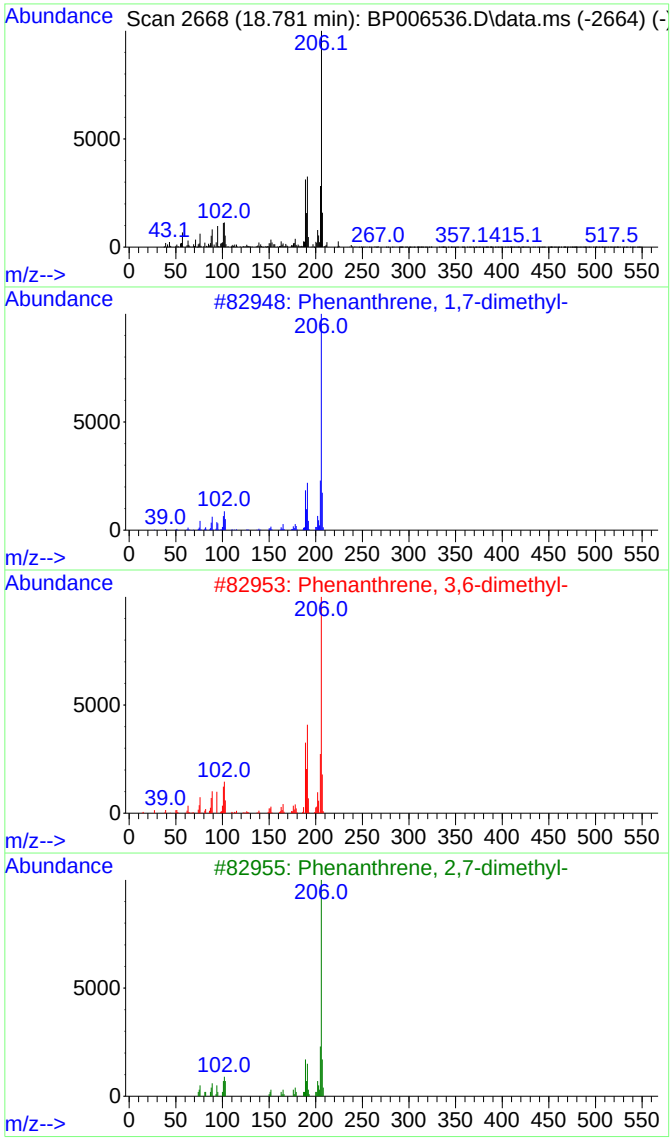
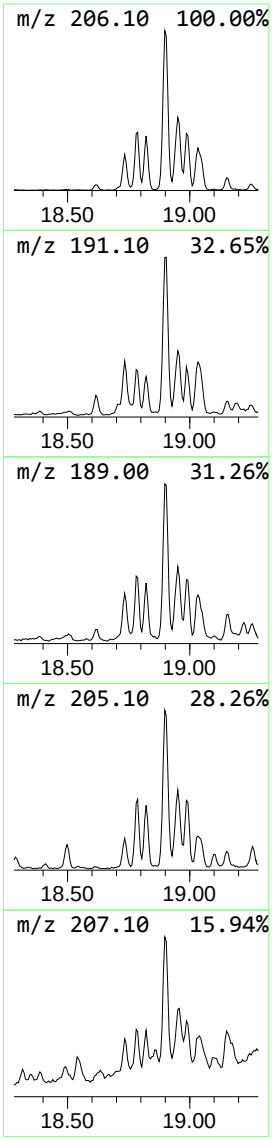
Peak Number 11 Phenanthrene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.781	3.20 ng	488941	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83





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Operator : CG/JU
Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.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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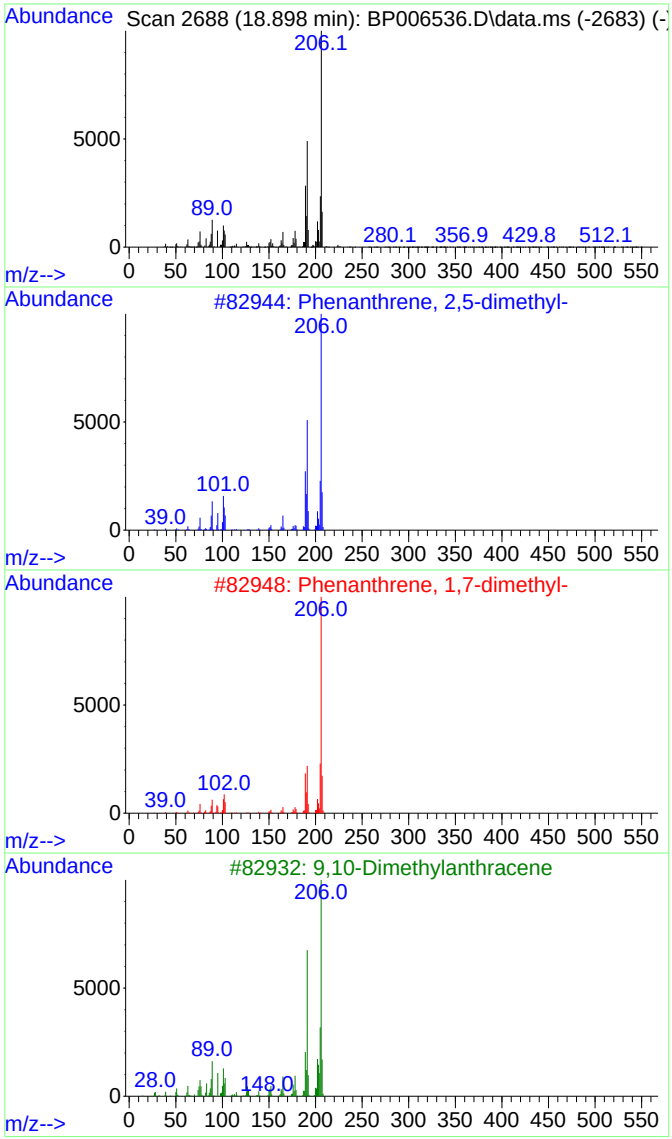
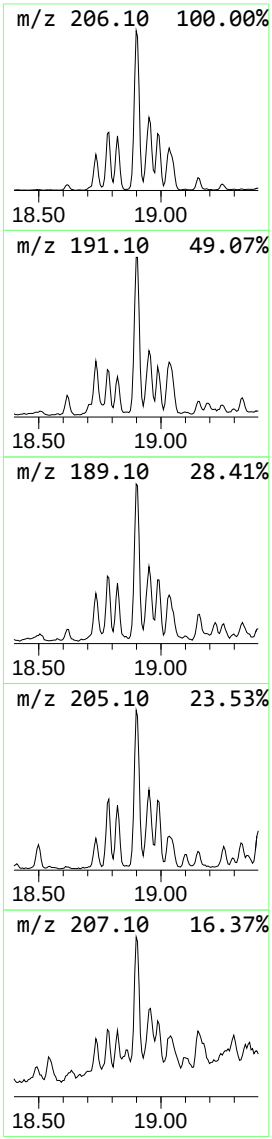
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	11.29 ng	1724910	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
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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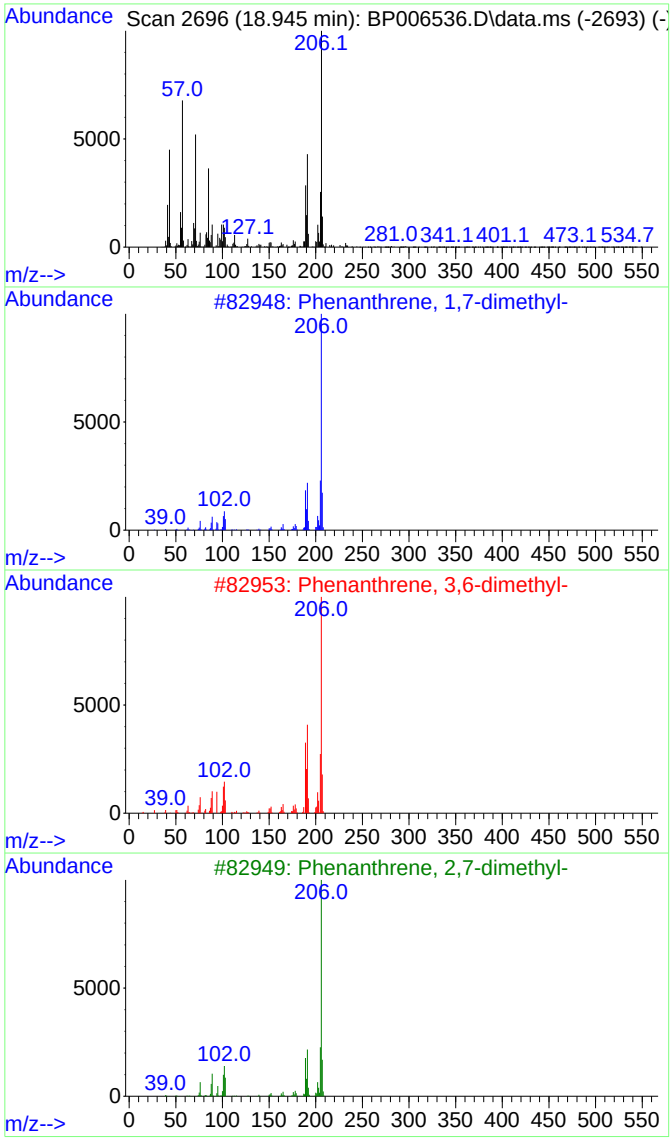
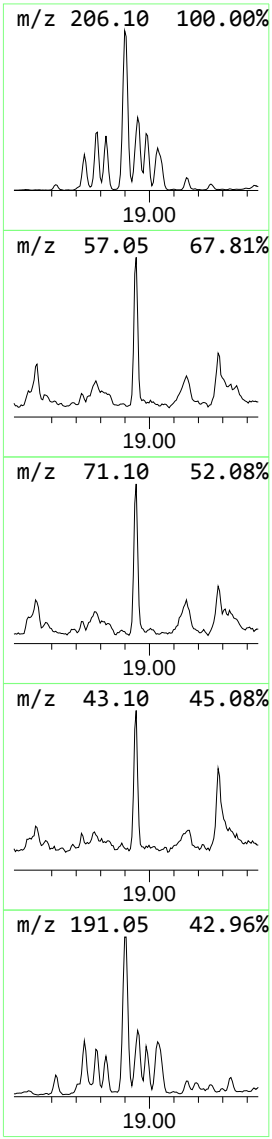
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.945	6.69 ng	1022440	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	83





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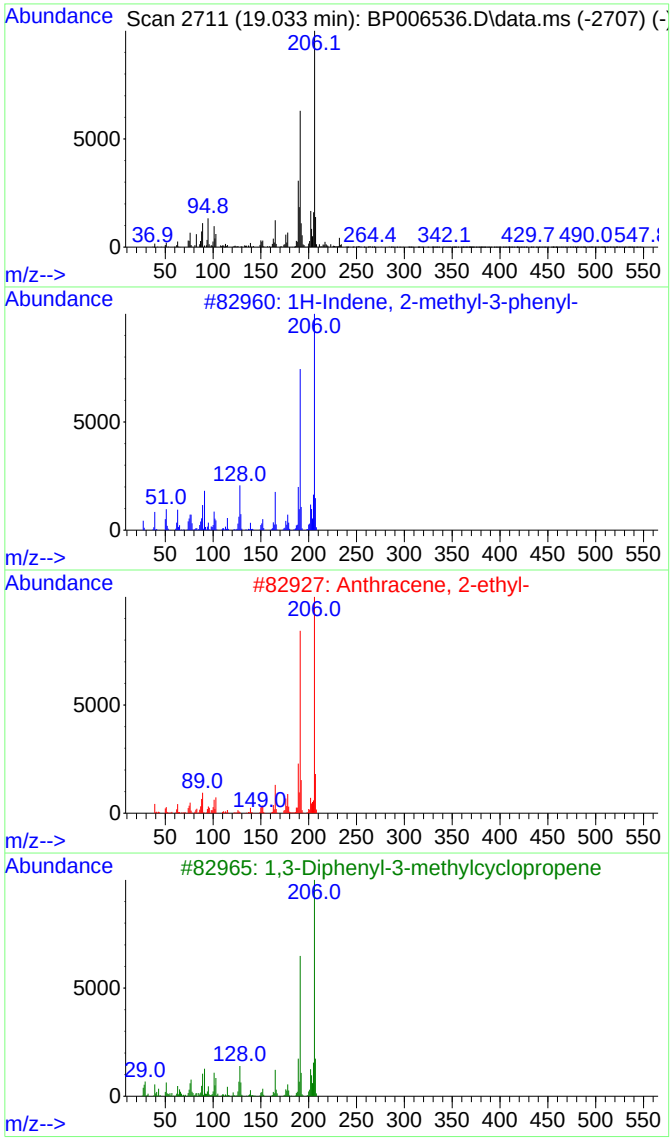
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

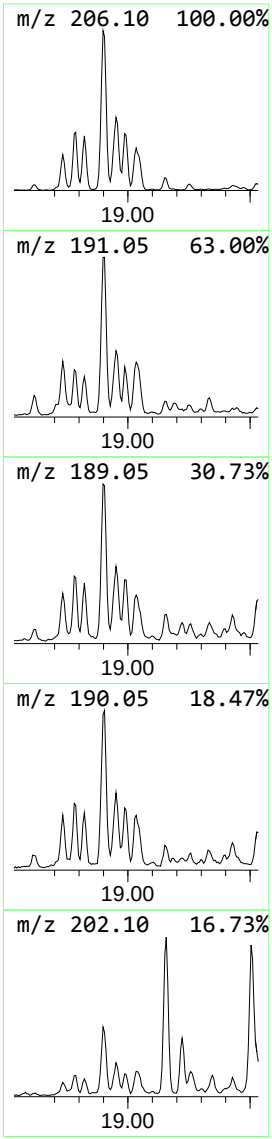
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 2-methyl-3-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.034	3.75 ng	572318	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	96
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	96
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	96
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	96
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	96





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ClientSampleId : TP-5

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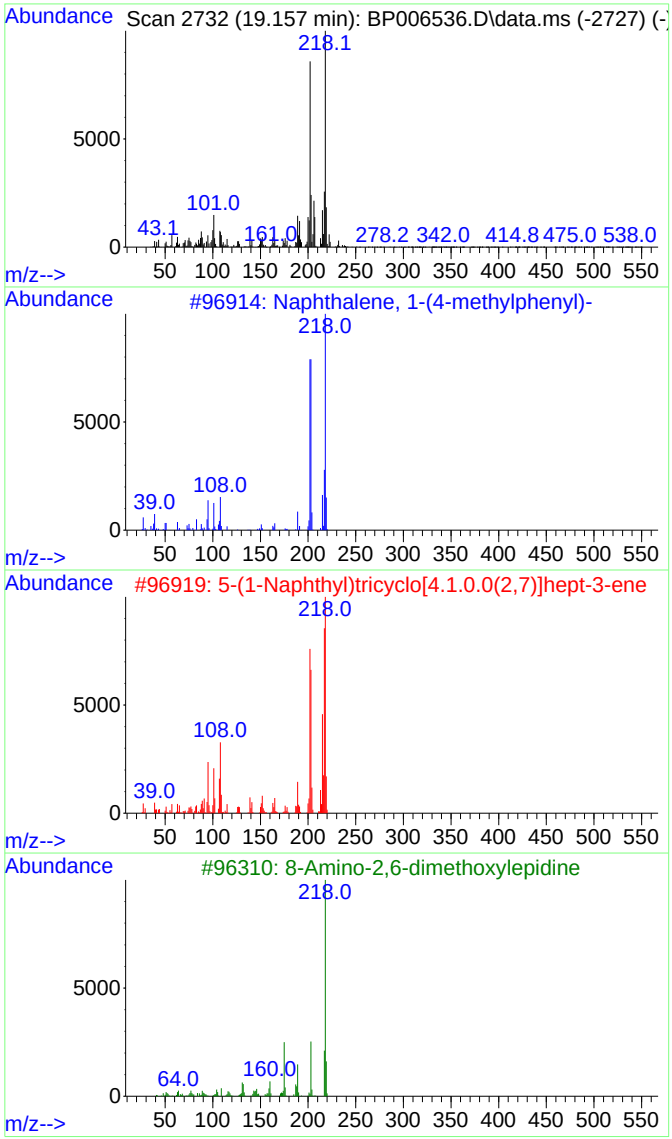
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

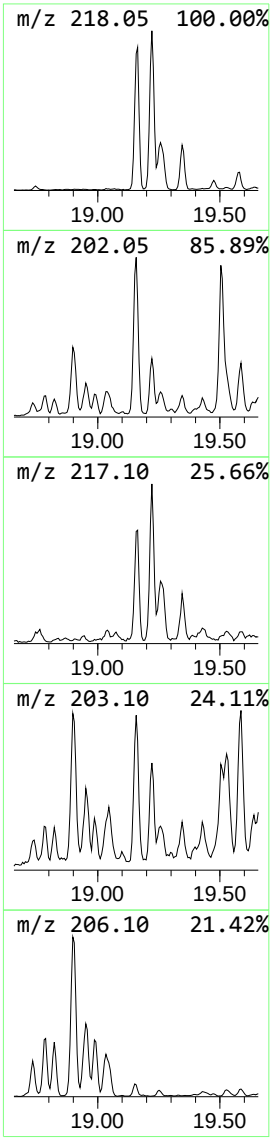
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1-(4-methylphe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	5.52 ng	843768	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(4-methylphenyl)-	218	C17H14	027331-34-6	68
2	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	58
3	8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	45
4	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	38
5	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	38





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TIC Library : C:\Database\NIST20.L
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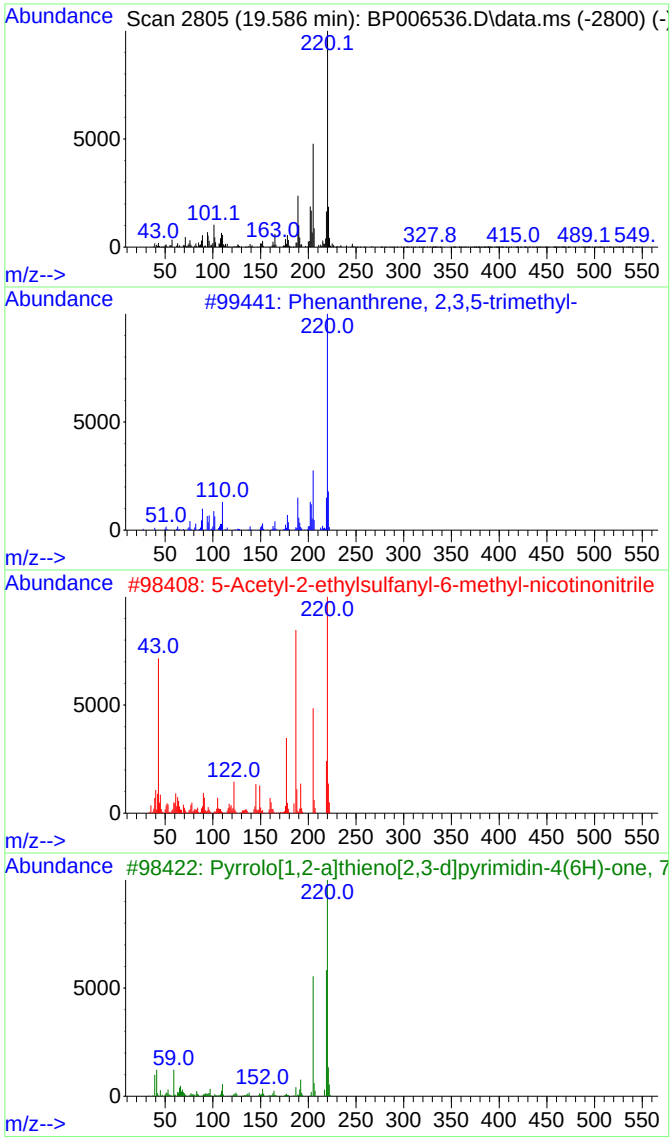
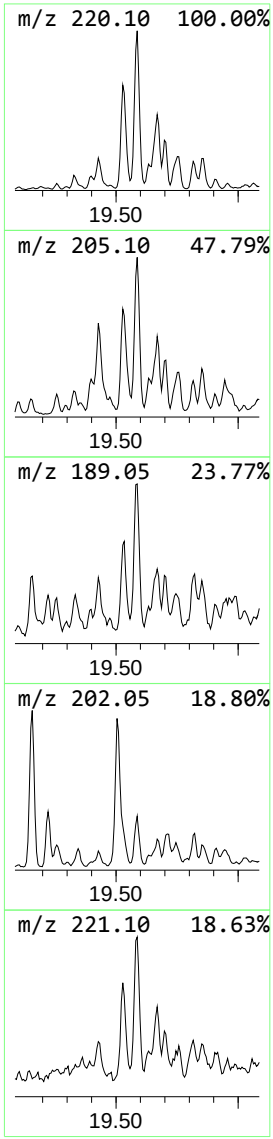
****
Peak Number 16 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.586	5.38 ng	969821	Chrysene-d12	21.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	70
2	5-Acetyl-2-ethylsulfanyl-6-methy...	220	C11H12N2OS	303146-26-1	64
3	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	62
4	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	58
5	Phenylmethylcyanide, .alpha.,.al...	220	C11H12N2O3	1000129-53-0	53





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Operator : CG/JU
Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.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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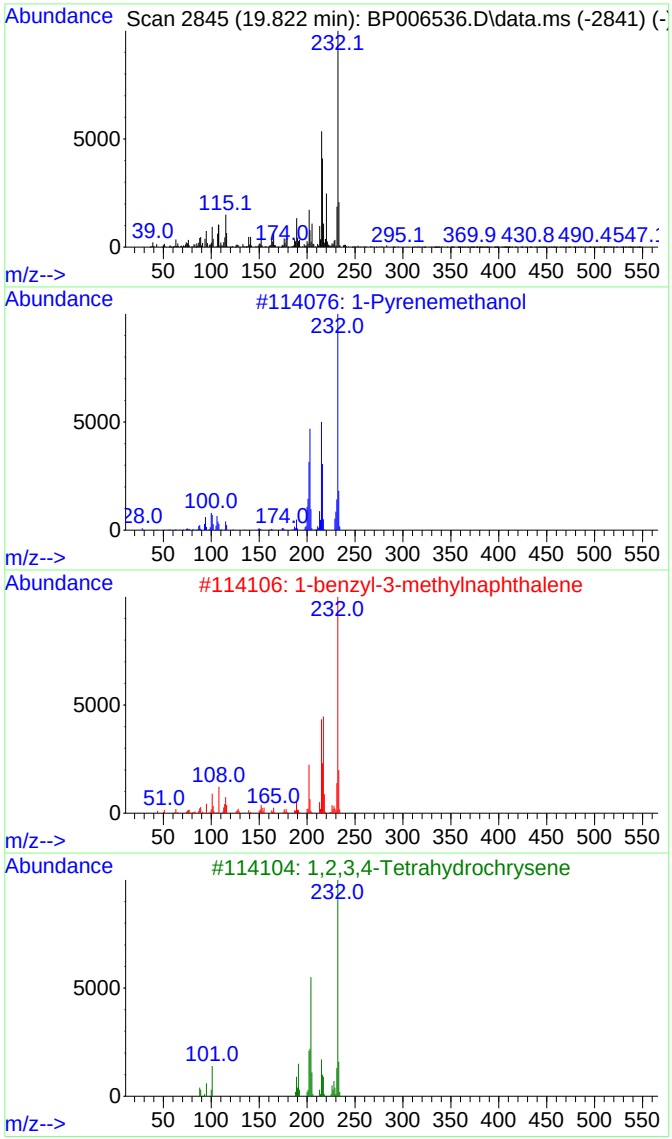
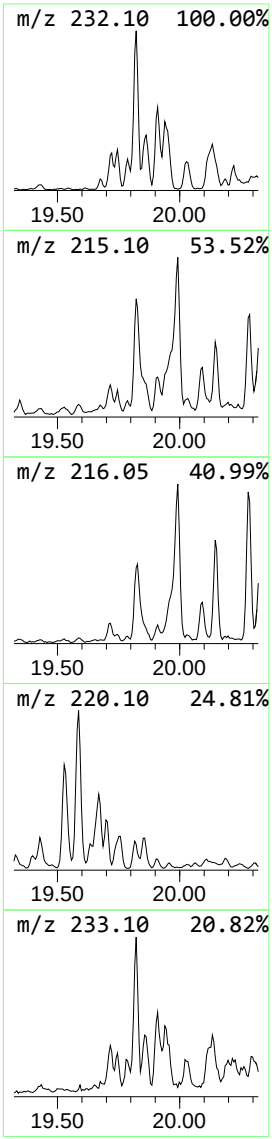
Peak Number 17 1-Pyrenemethanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.822	3.37 ng	608023	Chrysene-d12	21.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pyrenemethanol	232	C17H12O	024463-15-8	80
2	1-benzyl-3-methylnaphthalene	232	C18H16	1000379-93-5	68
3	1,2,3,4-Tetrahydrochrysene	232	C18H16	002091-90-9	55
4	1-Methyl-4-p-tolylnaphthalene	232	C18H16	093870-57-6	55
5	Azulene, 4,8-dimethyl-6-phenyl-	232	C18H16	042758-88-3	53





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Data File : BP006536.D
Acq On : 06 Aug 2021 13:12
Operator : CG/JU
Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.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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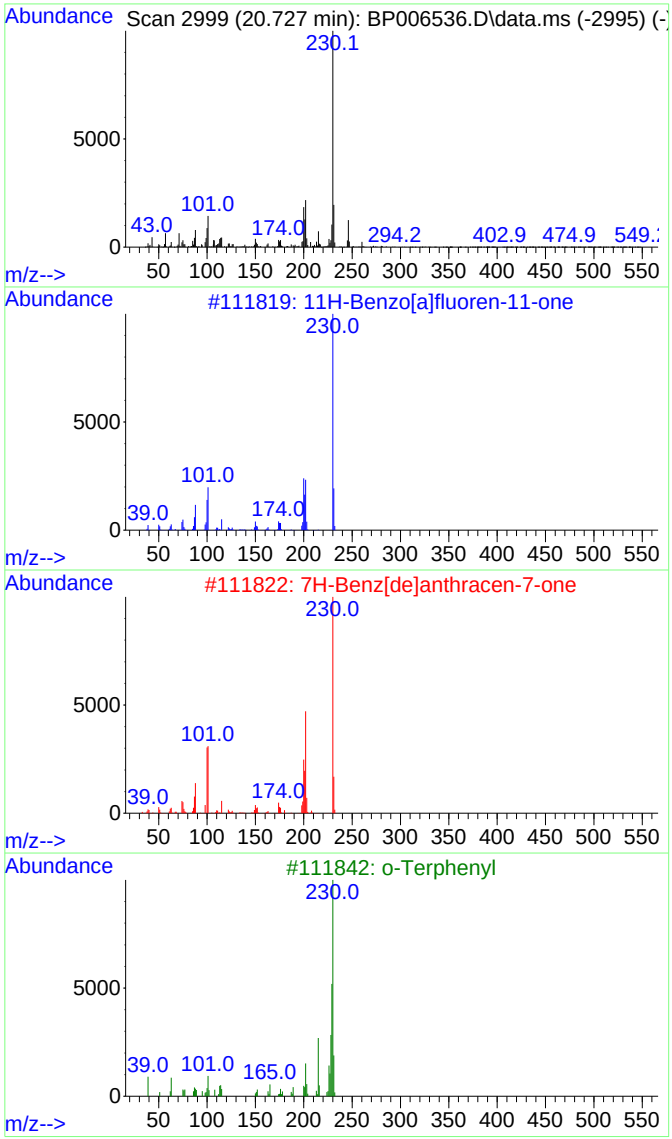
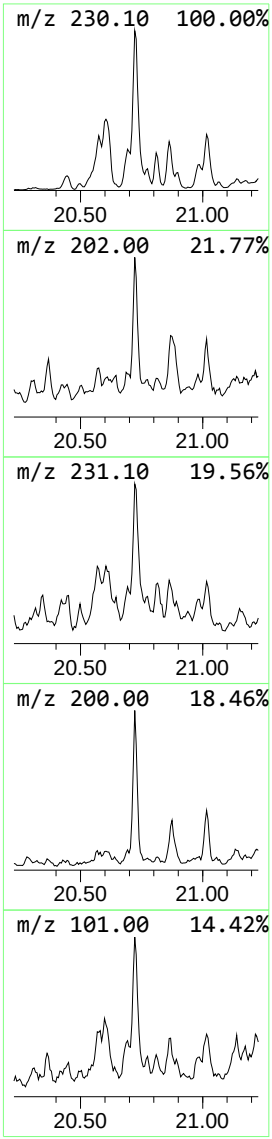
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.727	4.49 ng	808987	Chrysene-d12	21.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	o-Terphenyl	230	C18H14	000084-15-1	64
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
5	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	59





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Data File : BP006536.D
Acq On : 06 Aug 2021 13:12
Operator : CG/JU
Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.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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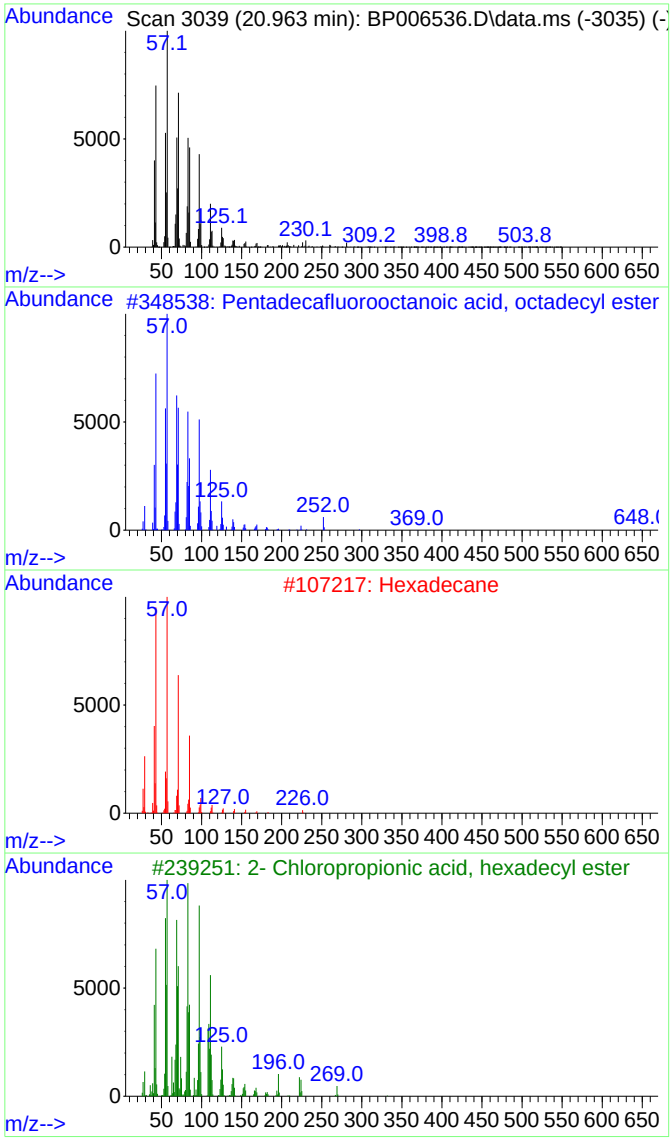
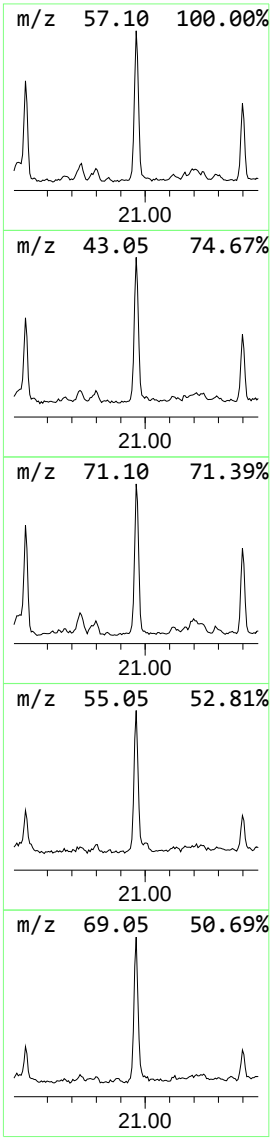
Peak Number 19 Pentadecafluorooctanoic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.963	5.38 ng	969872	Chrysene-d12	21.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
2	Hexadecane	226	C16H34	000544-76-3	89
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	83
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	81
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
Data File : BP006536.D
Acq On : 06 Aug 2021 13:12
Operator : CG/JU
Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.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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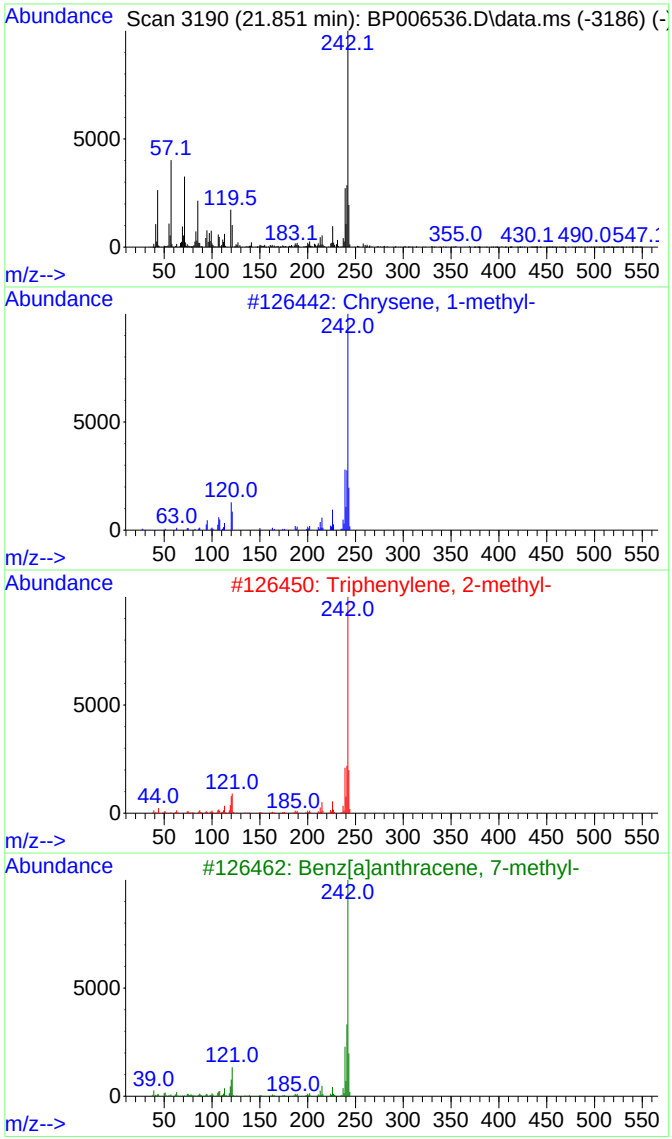
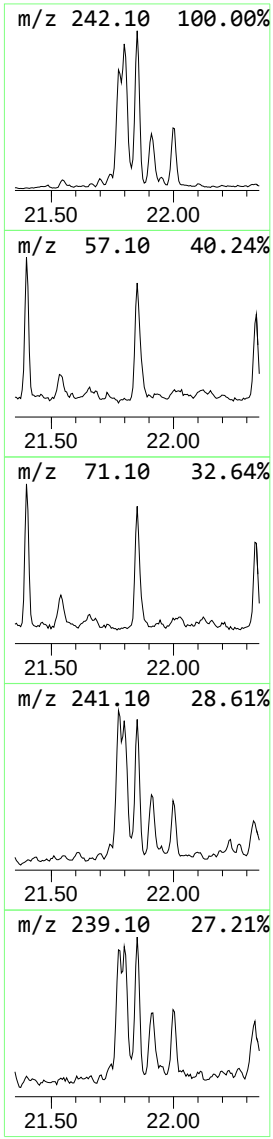
Peak Number 20 Chrysene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.851	6.12 ng	1102800	Chrysene-d12	21.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
Data File : BP006536.D
Acq On : 06 Aug 2021 13:12
Operator : CG/JU
Sample : M3271-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.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
2-Pentanone, 4-...	4.905	26.3	ng	2138720	1	7.758	1625280	20.0
2-Pentanone, 4-...	5.969	4.8	ng	393214	1	7.758	1625280	20.0
Ethanol, 2-(2-b...	10.328	3.8	ng	440681	2	10.540	2332740	20.0
Octane, 2,6-dim...	11.575	4.6	ng	533062	2	10.540	2332740	20.0
Octadecane, 4-m...	13.881	3.4	ng	505775	3	14.381	2945270	20.0
Chamazulene	16.116	3.8	ng	577340	4	17.140	3055910	20.0
n-Hexadecanoic ...	18.045	12.0	ng	1835750	4	17.140	3055910	20.0
1H-Cyclopropa[l...	18.186	7.6	ng	1159650	4	17.140	3055910	20.0
Pentadecane	18.334	5.4	ng	819687	4	17.140	3055910	20.0
Benzo[c]cinnoli...	18.498	3.8	ng	585501	4	17.140	3055910	20.0
Phenanthrene, 1...	18.781	3.2	ng	488941	4	17.140	3055910	20.0
Phenanthrene, 2...	18.898	11.3	ng	1724910	4	17.140	3055910	20.0
Phenanthrene, 3...	18.945	6.7	ng	1022440	4	17.140	3055910	20.0
1H-Indene, 2-me...	19.034	3.8	ng	572318	4	17.140	3055910	20.0
Naphthalene, 1-...	19.157	5.5	ng	843768	4	17.140	3055910	20.0
Phenanthrene, 2...	19.586	5.4	ng	969821	5	21.233	3603400	20.0
1-Pyrenemethanol	19.822	3.4	ng	608023	5	21.233	3603400	20.0
11H-Benzo[a]flu...	20.727	4.5	ng	808987	5	21.233	3603400	20.0
Pentadecafluoro...	20.963	5.4	ng	969872	5	21.233	3603400	20.0
Chrysene, 1-met...	21.851	6.1	ng	1102800	5	21.233	3603400	20.0