LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001056.D
Acq On : 15 Nov 2019 23:26
Operator : JU
Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(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\8270-BP110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.311	32	38	46	rVB	301761	456892	9.32%	0.860%
2	4.917	474	481	491	rBV	34933	54915	1.12%	0.103%
3	5.728	614	619	630	rVB	417745	590918	12.06%	1.113%
4	6.299	707	716	726	rBV	1457169	1715153	35.00%	3.230%
5	6.617	764	770	778	rBV	144517	177095	3.61%	0.334%
6	7.811	966	973	981	rVB	2174301	2695972	55.01%	5.077%
7	8.005	1000	1006	1017	rBV	2180289	2577887	52.60%	4.855%
8	8.364	1062	1067	1073	rBV	884266	1050275	21.43%	1.978%
9	8.605	1103	1108	1113	rVB	2107534	2433876	49.66%	4.584%
10	9.240	1209	1216	1220	rBV	1517693	1758626	35.88%	3.312%
11	10.393	1406	1412	1416	rBV	1208831	1361384	27.78%	2.564%
12	12.169	1707	1714	1719	rBV	3472837	4012954	81.88%	7.558%
13	12.834	1823	1827	1832	rVB	448940	513090	10.47%	0.966%
14	13.016	1853	1858	1863	rBV	172187	213335	4.35%	0.402%
15	13.252	1892	1898	1903	rBV	1496904	1801127	36.75%	3.392%
16	13.304	1903	1907	1911	rVB	53850	66381	1.35%	0.125%
17	13.587	1949	1955	1964	rVB2	32208	70223	1.43%	0.132%
18	13.781	1983	1988	1995	rBV5	20134	52271	1.07%	0.098%
19	14.069	2033	2037	2041	rBV	54247	68858	1.40%	0.130%
20	14.151	2047	2051	2058	rVB	59942	83405	1.70%	0.157%
21	14.540	2110	2117	2128	rBV	813305	1031856	21.05%	1.943%
22	14.851	2166	2170	2172	rBV	67814	81064	1.65%	0.153%
23	14.881	2172	2175	2182	rVB5	53437	90013	1.84%	0.170%
24	15.051	2199	2204	2209	rBV7	31537	73947	1.51%	0.139%
25	15.275	2238	2242	2246	rBV4	32141	62553	1.28%	0.118%
26	15.346	2250	2254	2257	rBV2	39216	50941	1.04%	0.096%
27	15.446	2267	2271	2275	rBV4	32584	50990	1.04%	0.096%
28	15.516	2280	2283	2288	rVB	68791	72746	1.48%	0.137%
29	15.563	2288	2291	2294	rBV2	54802	54684	1.12%	0.103%
30	15.610	2295	2299	2301	rBV4	56070	68246	1.39%	0.129%
31	15.646	2301	2305	2308	rVV	1584433	1852704	37.80%	3.489%
32	15.681	2308	2311	2317	rVB	695788	733019	14.96%	1.380%
33	15.757	2320	2324	2328	rBV	270380	277192	5.66%	0.522%
34	15.998	2362	2365	2372	rVB	93180	120664	2.46%	0.227%

LSC Area Percent Report

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Acq On : 15 Nov 2019 23:26
Operator : JU
Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(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\8270-BP110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.145	2388	2390	2396	rVB2	42031	49303	1.01%	0.093%
36	16.198	2396	2399	2402	rVB	61095	60834	1.24%	0.115%
37	16.269	2408	2411	2416	rVB	68694	83362	1.70%	0.157%
38	16.398	2429	2433	2436	rBV	167045	179411	3.66%	0.338%
39	16.440	2436	2440	2447	rVB	244517	283426	5.78%	0.534%
40	16.504	2447	2451	2452	rBV	77330	79591	1.62%	0.150%
41	16.528	2452	2455	2456	rVV	154248	154144	3.15%	0.290%
42	16.551	2456	2459	2463	rVV2	268019	357032	7.28%	0.672%
43	16.587	2463	2465	2469	rVB	138227	139907	2.85%	0.263%
44	16.787	2496	2499	2502	rVB3	48843	56286	1.15%	0.106%
45	16.840	2503	2508	2515	rVB2	160456	289291	5.90%	0.545%
46	17.040	2539	2542	2546	rBV	52939	60219	1.23%	0.113%
47	17.081	2546	2549	2552	rBV2	52036	56107	1.14%	0.106%
48	17.110	2552	2554	2558	rVB	50025	52437	1.07%	0.099%
49	17.181	2562	2566	2570	rBV	138481	178918	3.65%	0.337%
50	17.228	2570	2574	2577	rBV	75354	94746	1.93%	0.178%
51	17.387	2596	2601	2605	rBV	1451629	1587702	32.39%	2.990%
52	17.475	2612	2616	2619	rBV3	63892	98844	2.02%	0.186%
53	17.516	2619	2623	2627	rVB2	93391	123222	2.51%	0.232%
54	17.575	2630	2633	2637	rBV3	61528	95226	1.94%	0.179%
55	17.610	2637	2639	2644	rBV4	63323	75120	1.53%	0.141%
56	17.692	2648	2653	2657	rVB	1527746	1819370	37.12%	3.426%
57	17.863	2679	2682	2685	rBV	82717	100625	2.05%	0.190%
58	17.922	2686	2692	2696	rVB	4347009	4901103	100.00%	9.230%
59	17.998	2702	2705	2710	rBV	131420	188125	3.84%	0.354%
60	18.122	2721	2726	2728	rBV5	103281	193893	3.96%	0.365%
61	18.234	2742	2745	2749	rBV	89144	109999	2.24%	0.207%
62	18.281	2749	2753	2758	rBV2	279248	355066	7.24%	0.669%
63	18.398	2770	2773	2776	rBV	156087	154149	3.15%	0.290%
64	18.439	2777	2780	2786	rVV	123870	167825	3.42%	0.316%
65	18.739	2829	2831	2834	rBV3	67975	63435	1.29%	0.119%
66	18.804	2839	2842	2851	rVB	241635	327087	6.67%	0.616%
67	18.945	2863	2866	2872	rBV2	152063	231884	4.73%	0.437%
68	18.992	2872	2874	2876	rBV	143546	134182	2.74%	0.253%
69	19.016	2876	2878	2881	rVB	105068	92060	1.88%	0.173%
70	19.075	2886	2888	2895	rVB	178568	199152	4.06%	0.375%
71	19.163	2899	2903	2913	rVB3	305575	535958	10.94%	1.009%

LSC Area Percent Report

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Operator : JU
Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(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\8270-BP110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.281	2917	2923	2927	rBV2	1846604	3002368	61.26%	5.654%
73	19.316	2927	2929	2932	rVB	869405	757795	15.46%	1.427%
74	19.575	2970	2973	2976	rVB	147619	143705	2.93%	0.271%
75	19.786	3004	3009	3012	rBV	206138	282231	5.76%	0.532%
76	19.828	3013	3016	3021	rVB3	229103	305260	6.23%	0.575%
77	19.898	3026	3028	3032	rVV3	101667	137632	2.81%	0.259%
78	19.963	3036	3039	3049	rVB2	293487	503958	10.28%	0.949%
79	20.339	3100	3103	3105	rBV	216238	238079	4.86%	0.448%
80	20.363	3105	3107	3114	rVV3	203450	240593	4.91%	0.453%
81	20.422	3114	3117	3121	rVB	193112	213002	4.35%	0.401%
82	20.569	3137	3142	3146	rBV	861062	1534920	31.32%	2.891%
83	20.692	3161	3163	3167	rVB	172114	181048	3.69%	0.341%
84	20.739	3167	3171	3175	rBV	255230	299221	6.11%	0.564%
85	20.916	3197	3201	3209	rVB	497124	816740	16.66%	1.538%
86	20.986	3209	3213	3217	rVB	564574	683021	13.94%	1.286%
87	21.063	3221	3226	3230	rBV	1355745	1859167	37.93%	3.501%
88	21.181	3243	3246	3253	rVB2	222112	351845	7.18%	0.663%
89	21.686	3329	3332	3339	rVB3	170036	324524	6.62%	0.611%
90	22.722	3503	3508	3517	rVB2	286651	613126	12.51%	1.155%
91	23.210	3587	3591	3599	rVB	248590	506257	10.33%	0.953%

Sum of corrected areas: 53098789

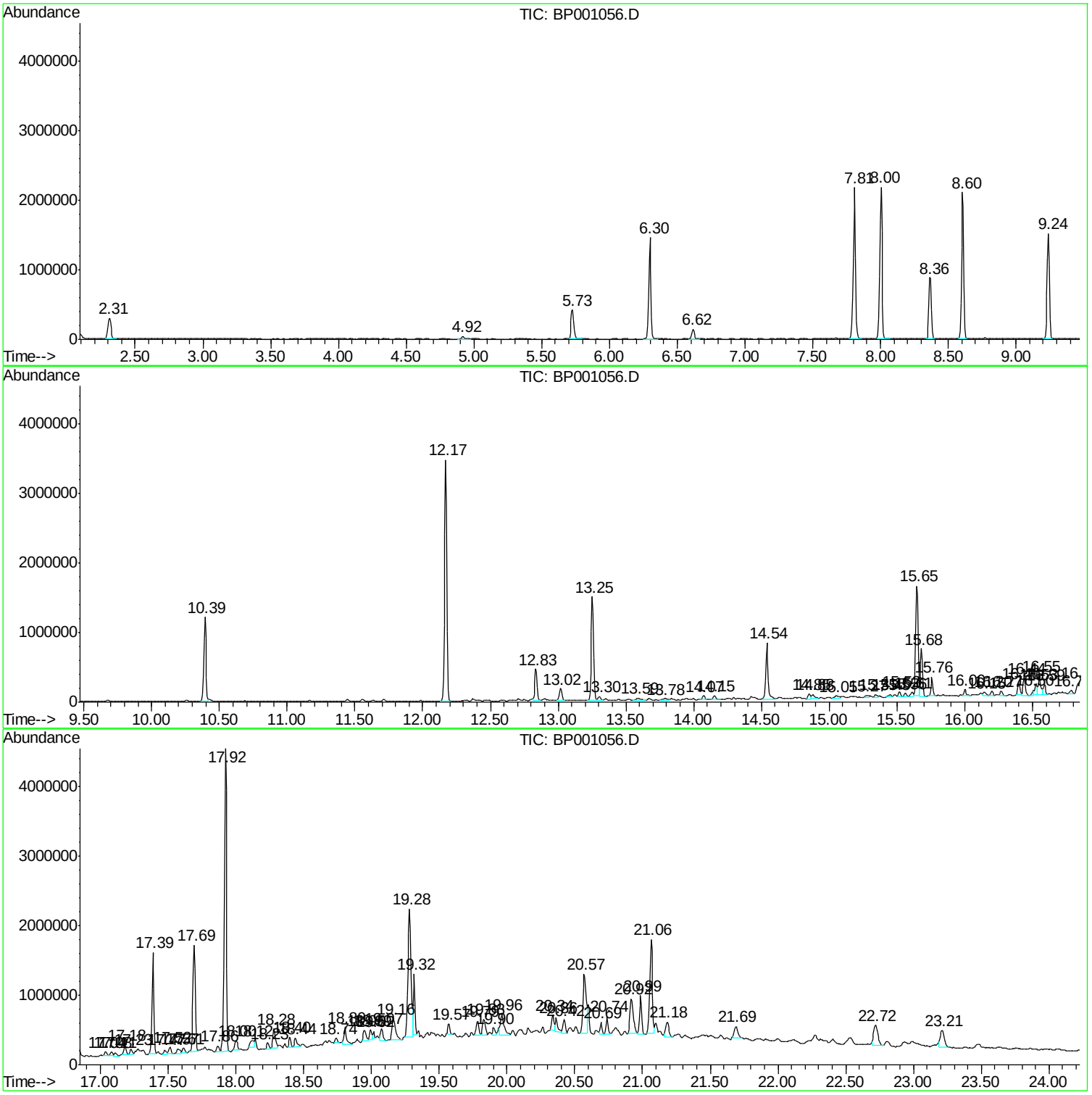
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001056.D
Acq On : 15 Nov 2019 23:26
Operator : JU
Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
5-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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\BP111519\
Data File : BP001056.D
Acq On : 15 Nov 2019 23:26
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Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

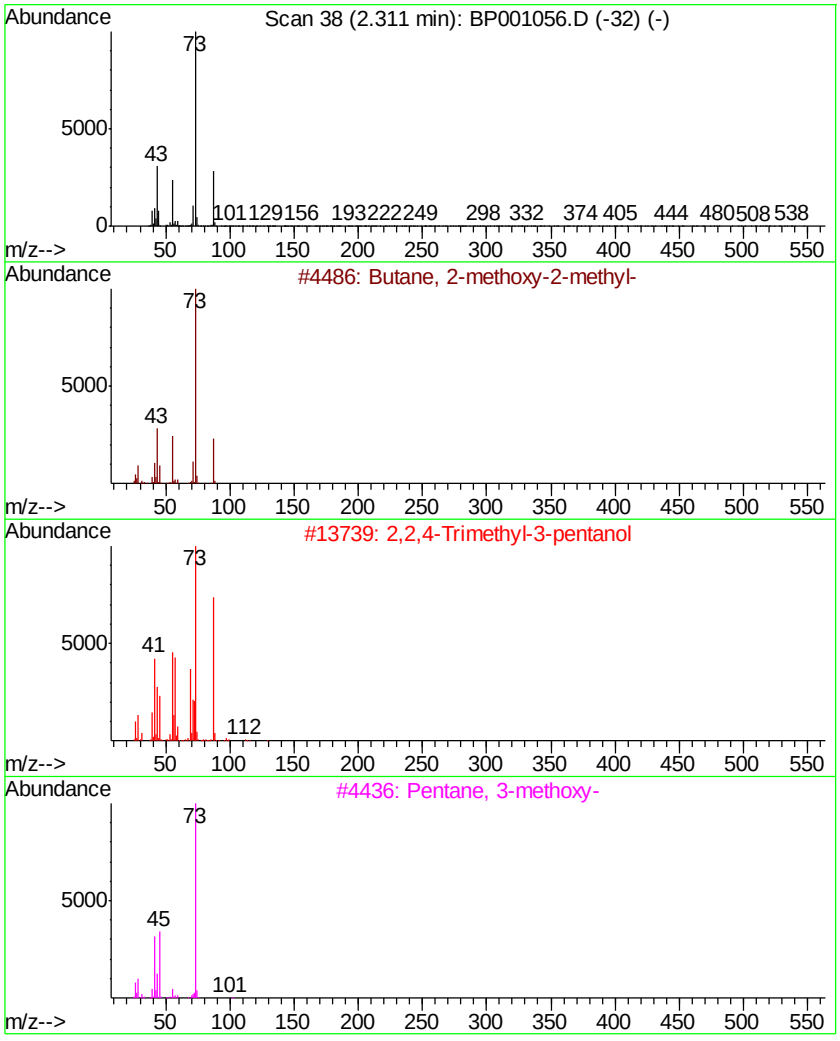
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

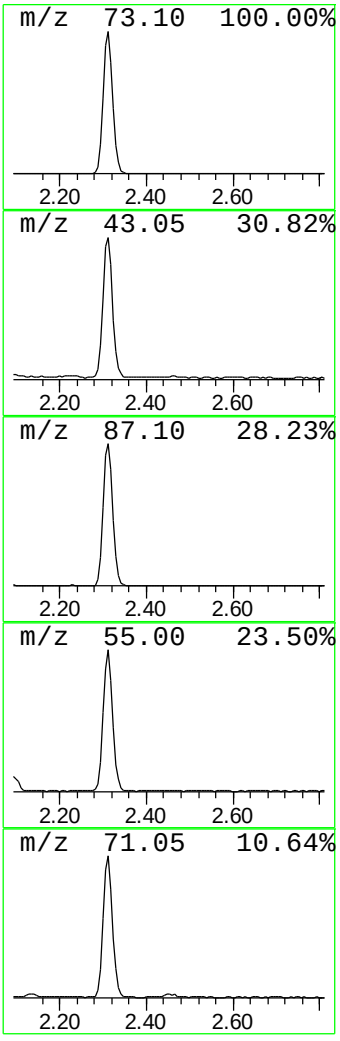
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	8.70 ng	456892	1,4-Dichlorobenzene-d4	8.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001056.D
Acq On : 15 Nov 2019 23:26
Operator : JU
Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

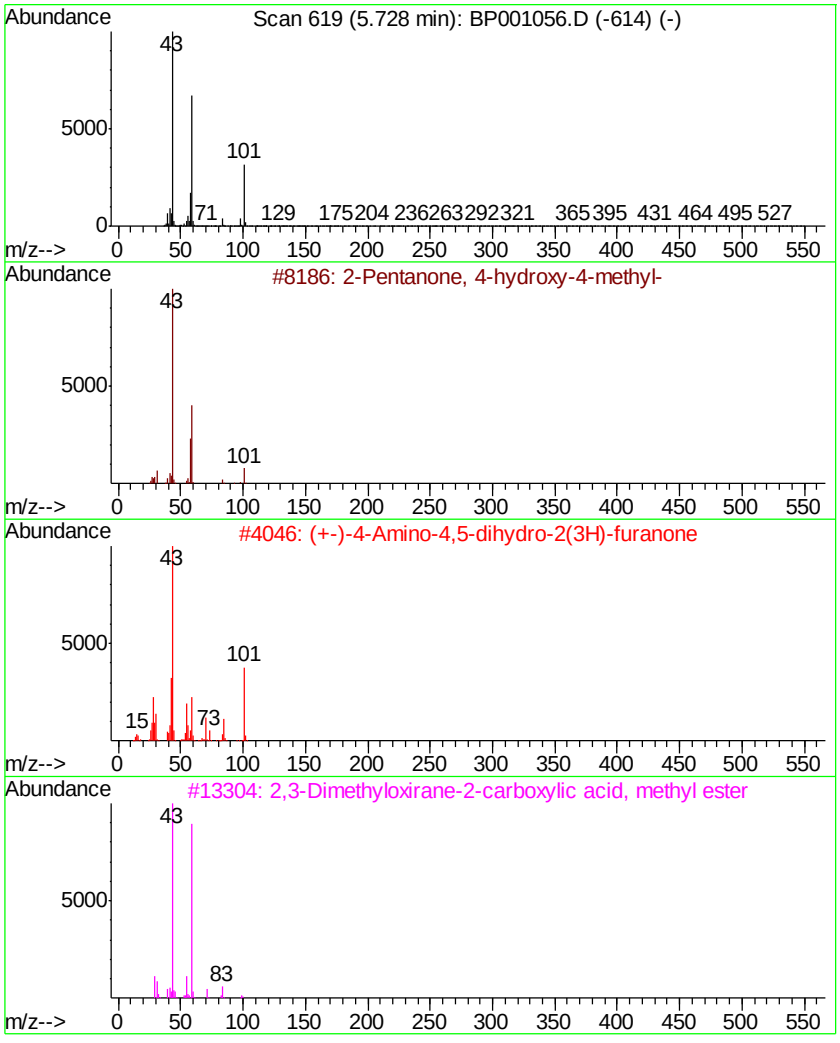
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

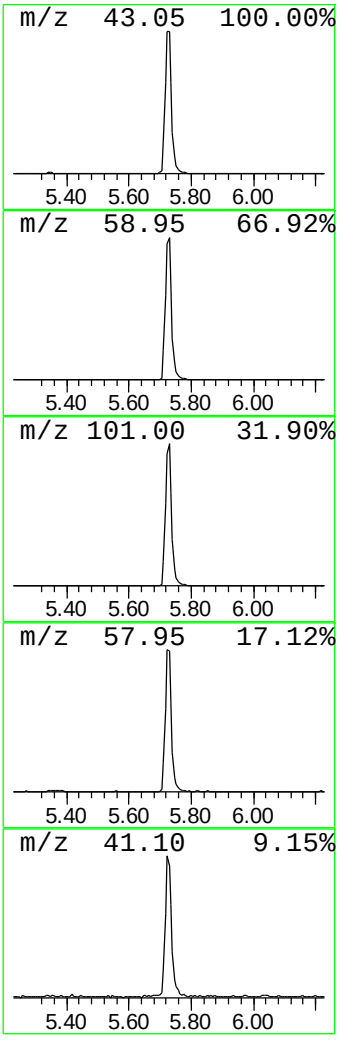
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	11.25 ng	590918	1,4-Dichlorobenzene-d4	8.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Acetone	58	C3H6O	000067-64-1	10





Library Search Compound Report

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Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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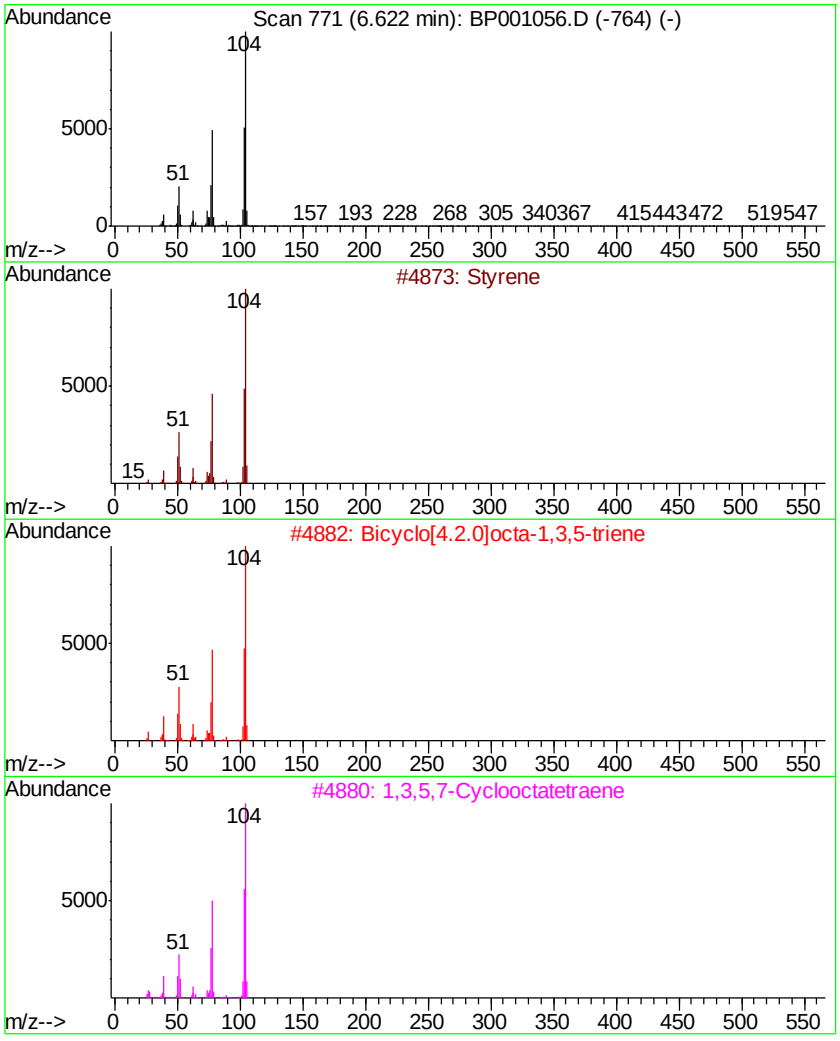
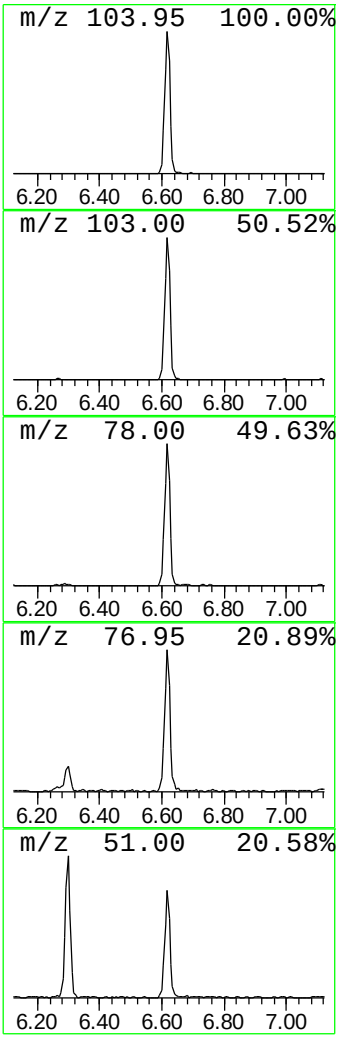
Peak Number 3 Styrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	3.37 ng	177095	1,4-Dichlorobenzene-d4	8.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	96
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	72
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	50





Library Search Compound Report

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Data File : BP001056.D
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Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

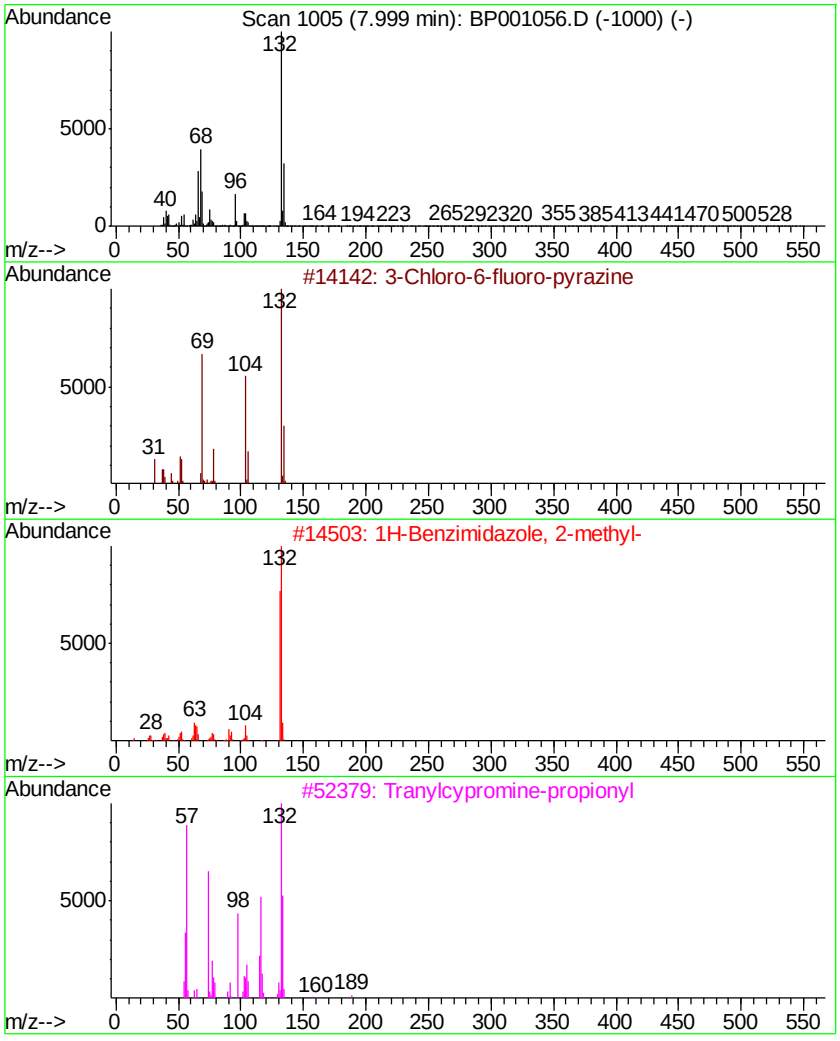
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

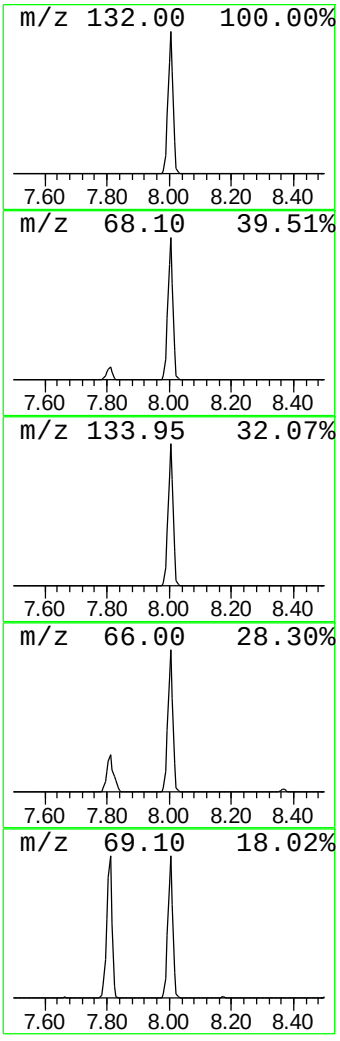
****

Peak Number 4 unknown8.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	49.09 ng	2577890	1,4-Dichlorobenzene-d4	8.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Data File : BP001056.D
Acq On : 15 Nov 2019 23:26
Operator : JU
Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

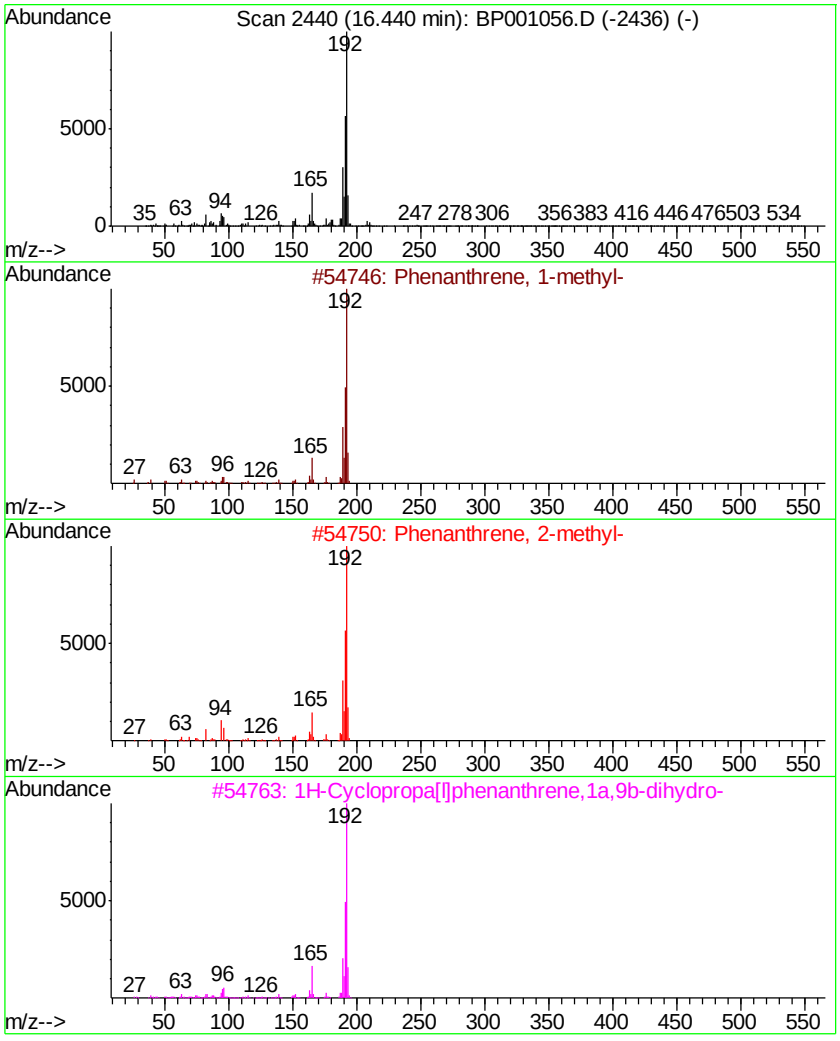
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

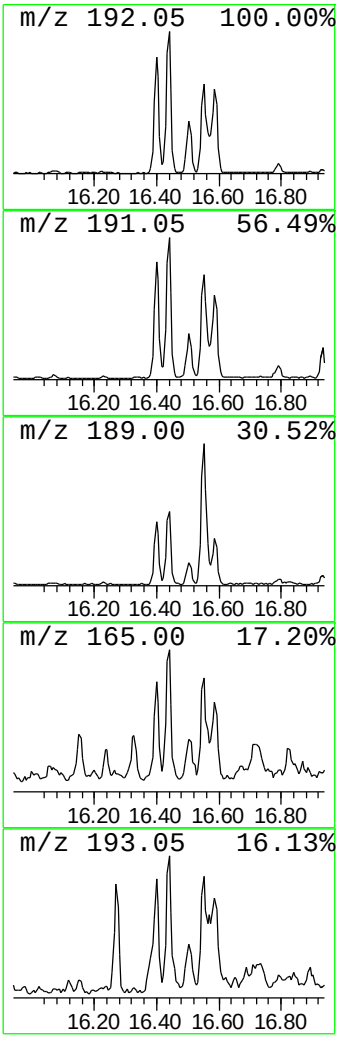
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	3.06 ng	283426	Phenanthrene-d10	15.65

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001056.D
Acq On : 15 Nov 2019 23:26
Operator : JU
Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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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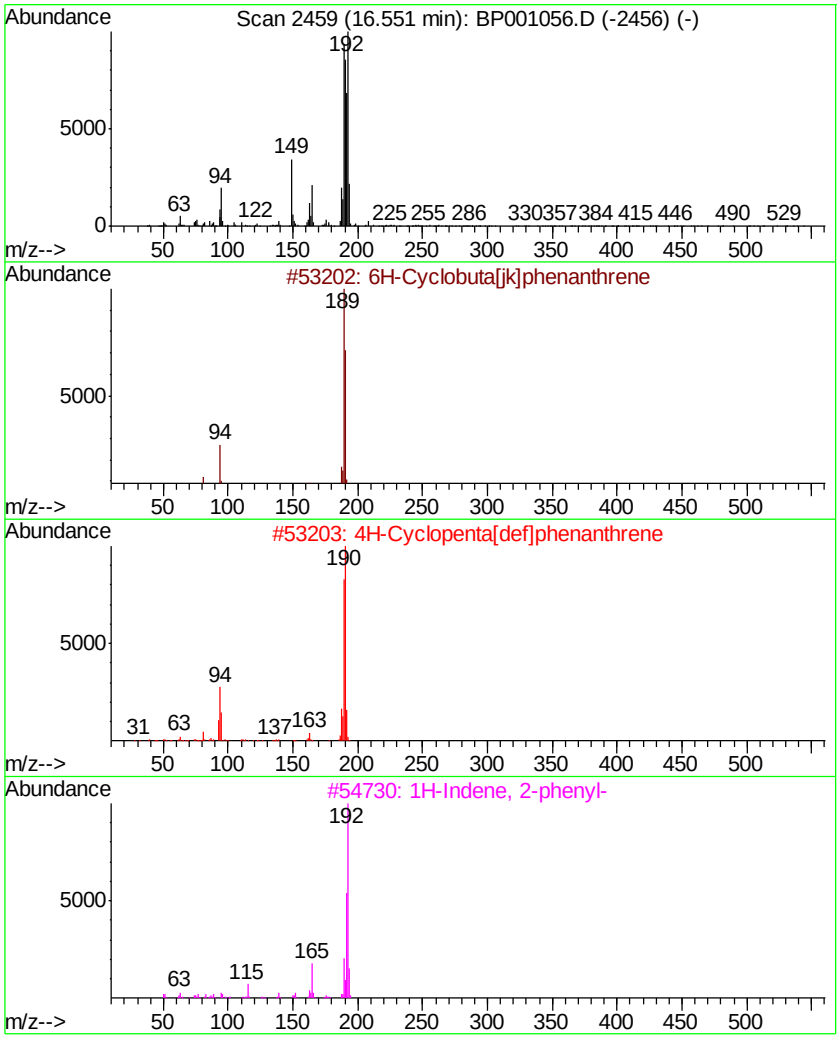
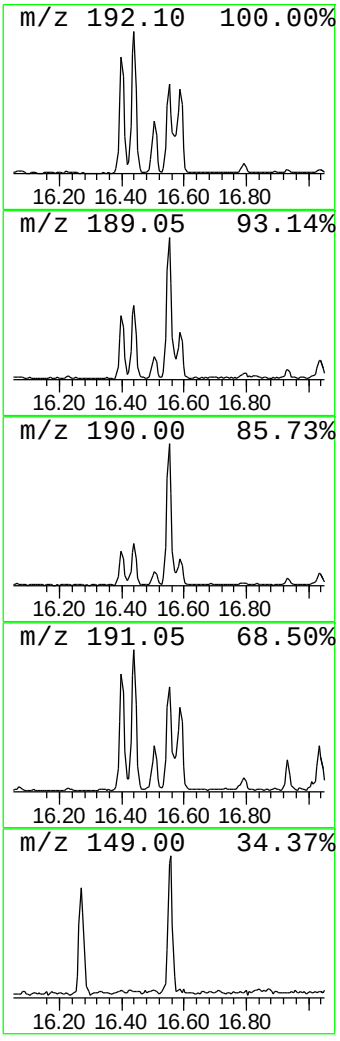
Peak Number 7 unknown16.55 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	3.85 ng	357032	Phenanthrene-d10	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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Acq On : 15 Nov 2019 23:26
Operator : JU
Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(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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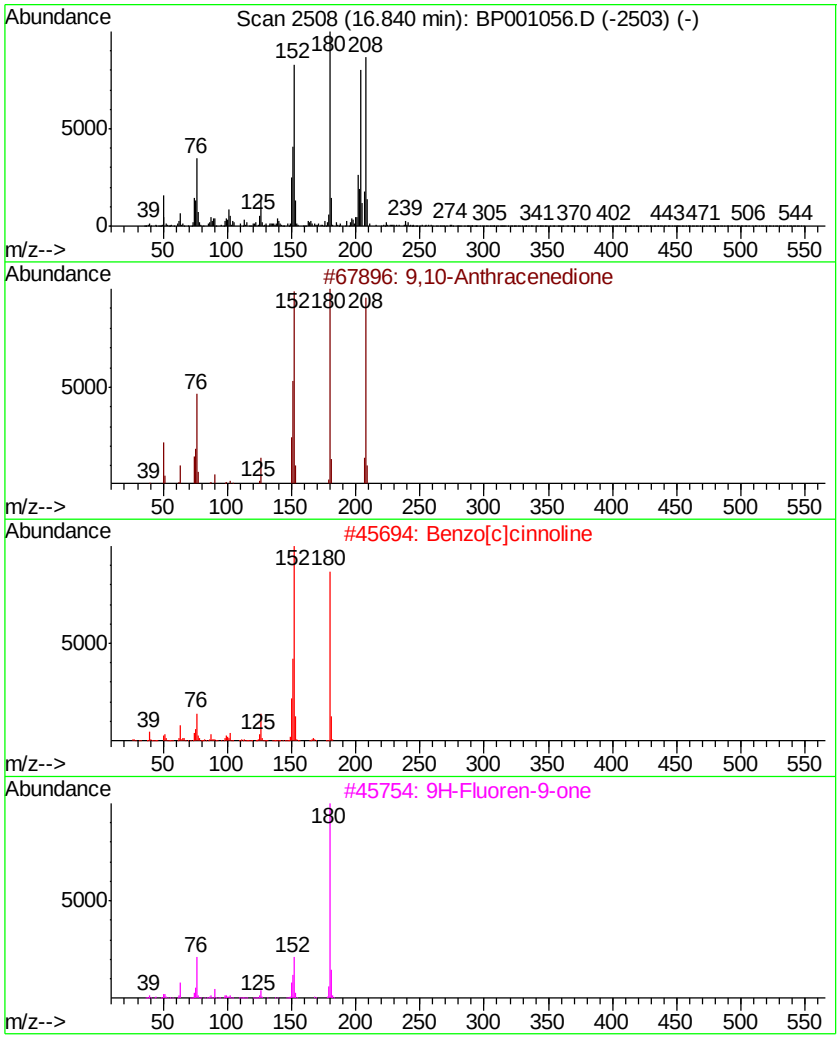
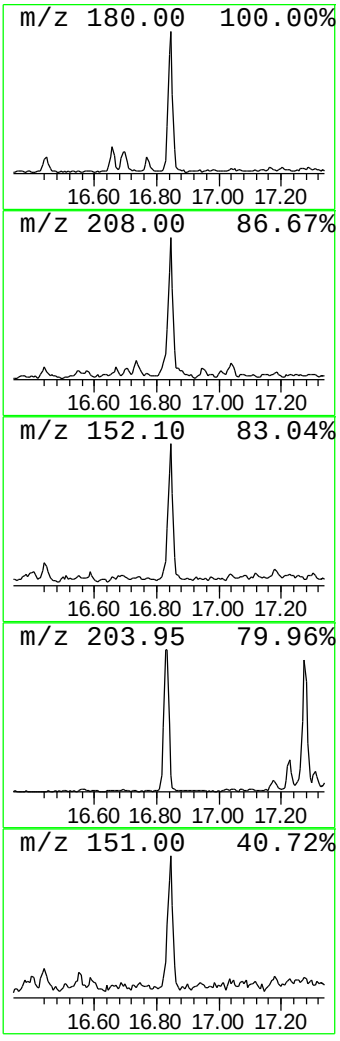
Peak Number 8 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	3.12 ng	289291	Phenanthrene-d10	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46





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ClientSampleId : 5-(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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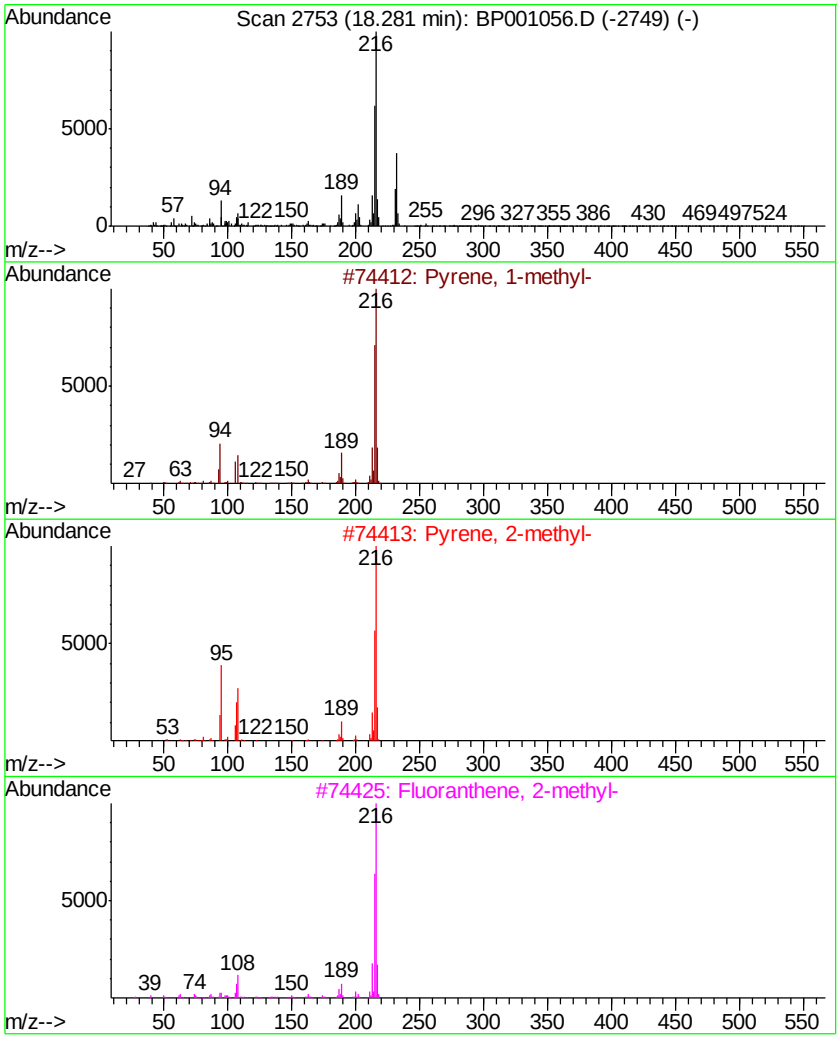
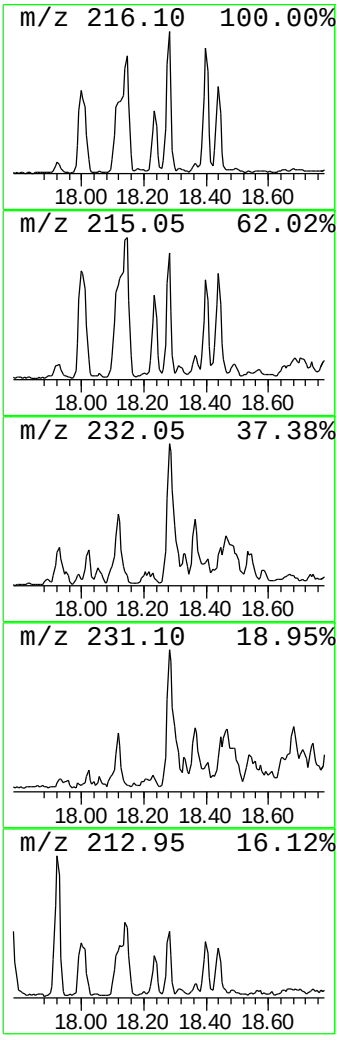
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.37 ng	355066	Chrysene-d12	19.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	: 4-((2-Methylphenyl)diazenyl)-1...	216	C10H12N6	1000332-58-9	83
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	83





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TIC Library : C:\DATABASE\NIST11.L
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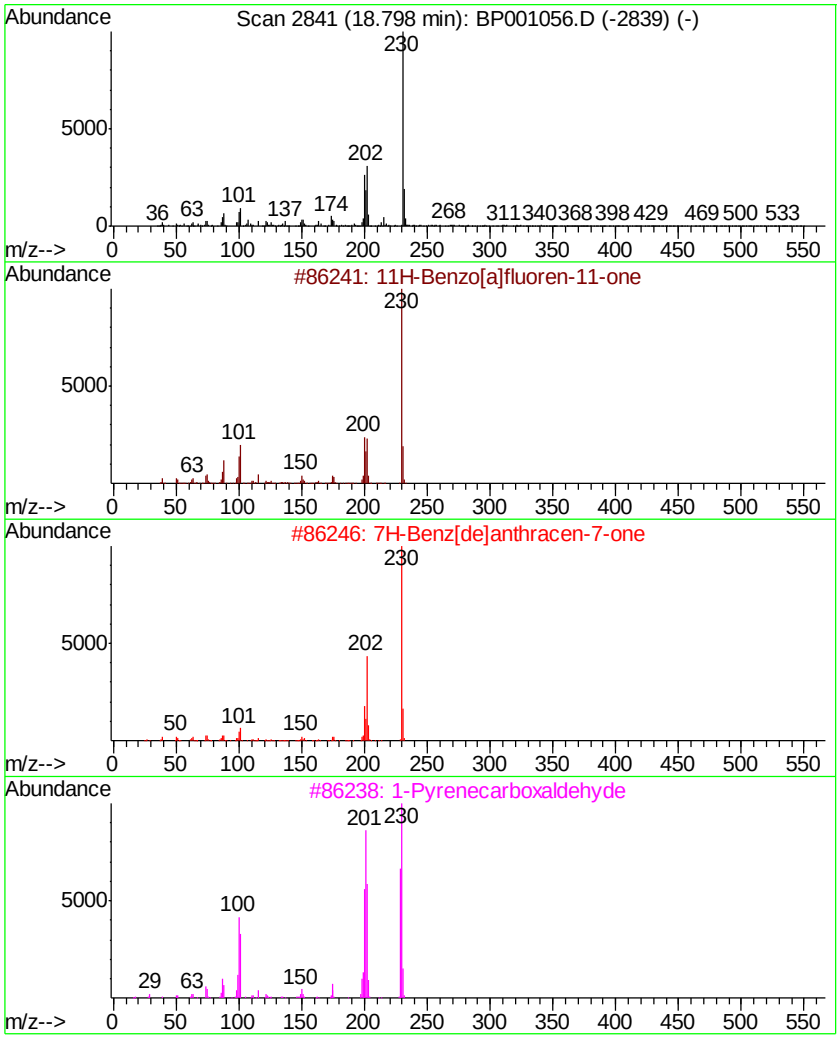
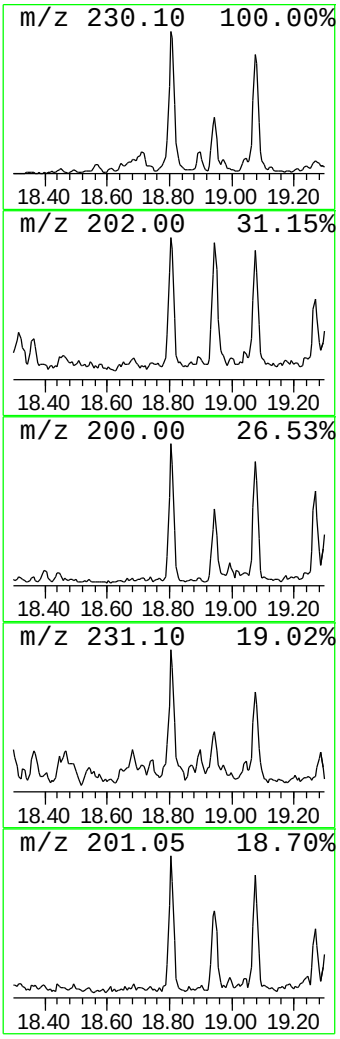
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.18 ng	327087	Chrysene-d12	19.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	o-Terphenyl	230	C18H14	000084-15-1	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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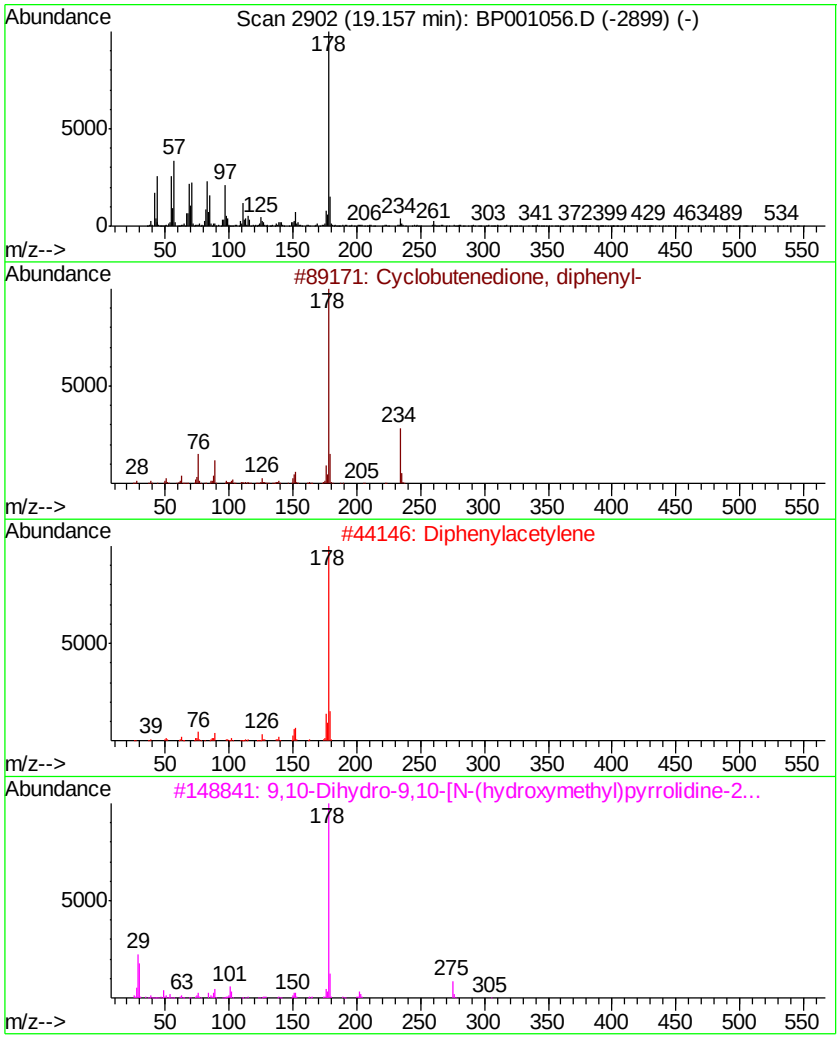
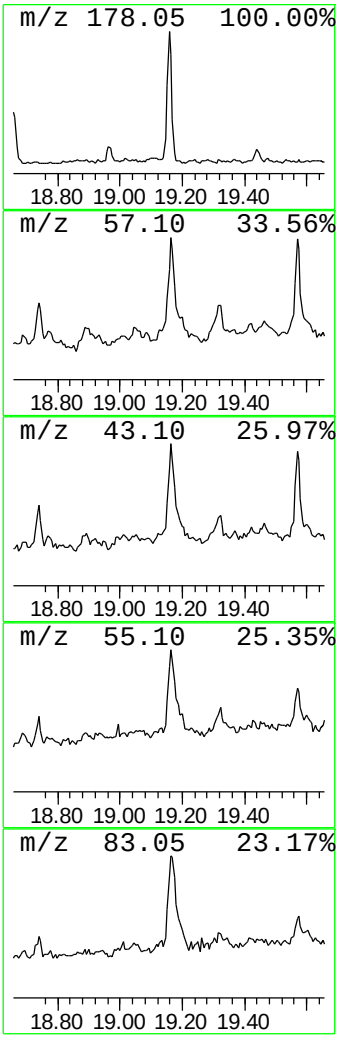
Peak Number 11 unknown19.16 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.57 ng	535958	Chrysene-d12	19.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutenedione, diphenyl-	234	C16H10O2	024234-76-2	38
2	Diphenylacetylene	178	C14H10	000501-65-5	30
3	9,10-Dihydro-9,10-[N-(hydroxymet...	305	C19H15NO3	081815-81-8	30
4	Pentacyclo[6.6.5.0(2,7).0(9,14)....	258	C19H14O	1000156-78-8	27
5	[2-(Biphenyl-4-yl)vinyl]-methyl ...	258	C15H14O2S	1000286-42-2	27





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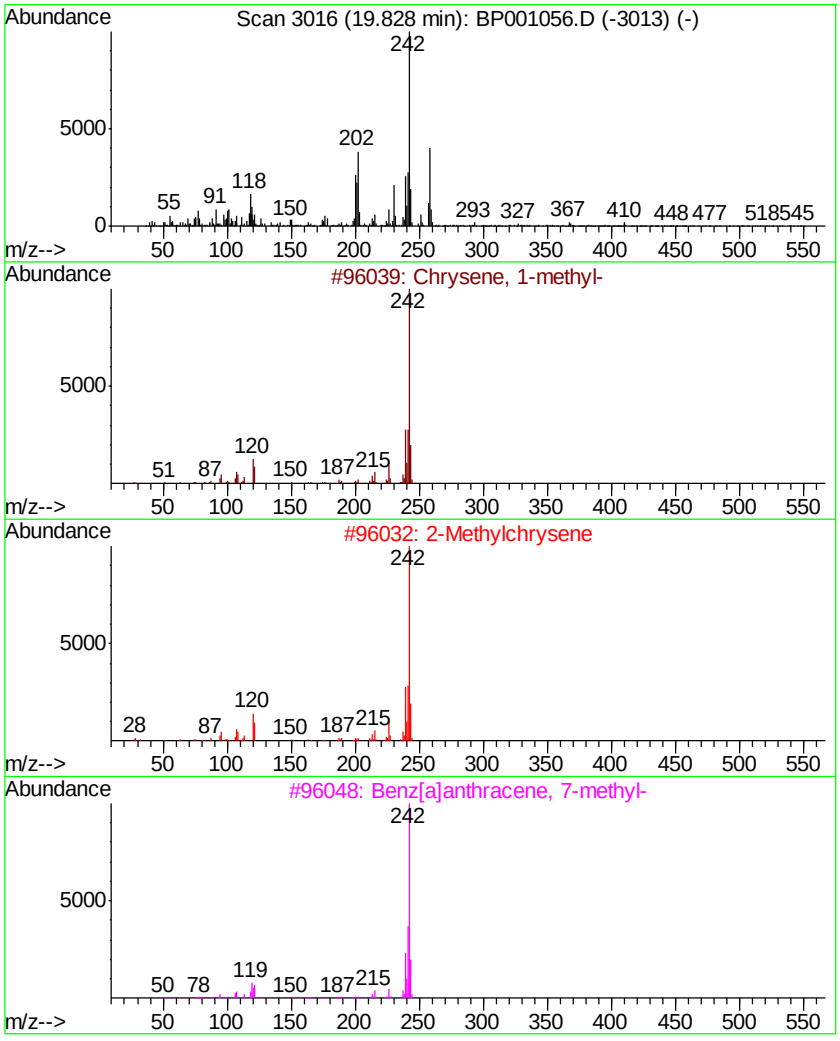
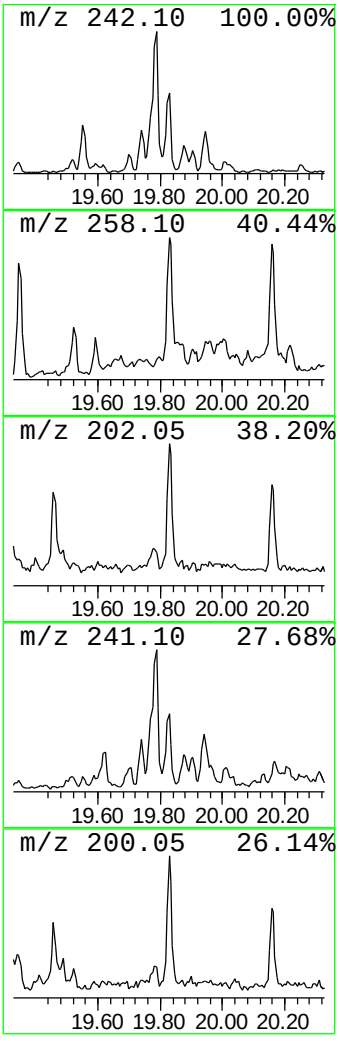
Peak Number 12 Chrysene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.03 ng	305260	Chrysene-d12	19.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	87
2	2-Methylchrysene	242	C19H14	003351-32-4	84
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	62
4	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	59
5	Benzo[c]phenanthrene, 6-methyl-	242	C19H14	002381-34-2	56





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ClientSampleId : 5-(2-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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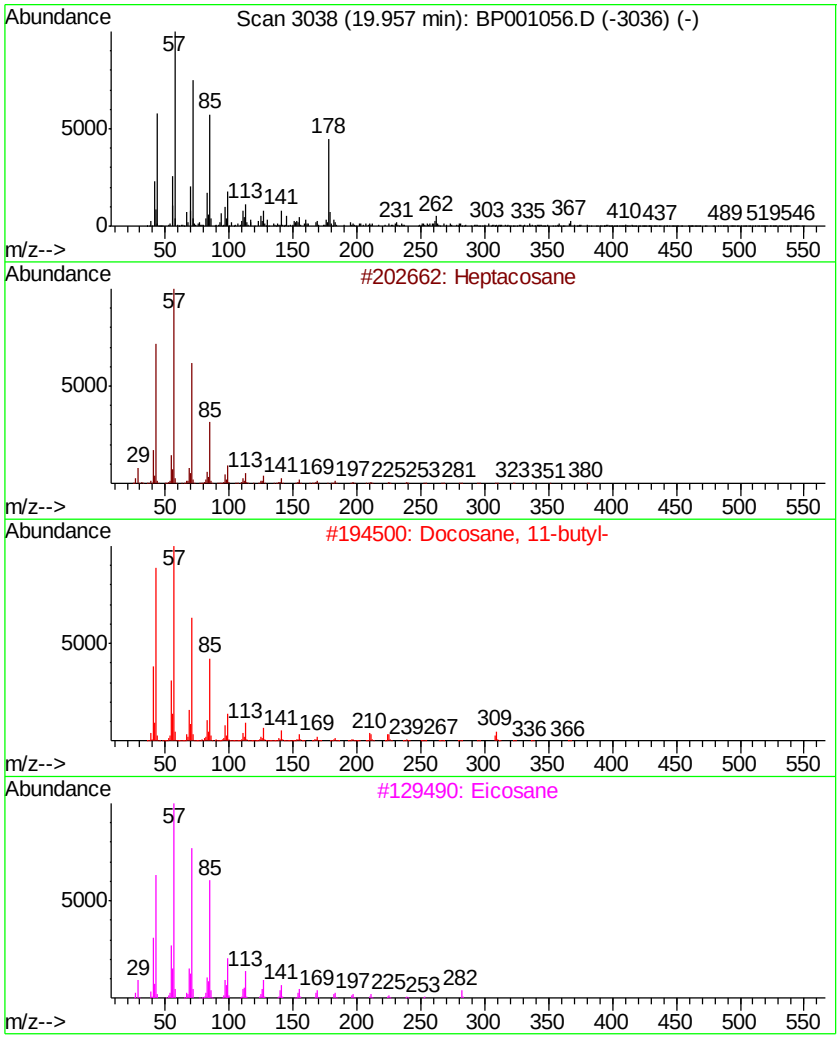
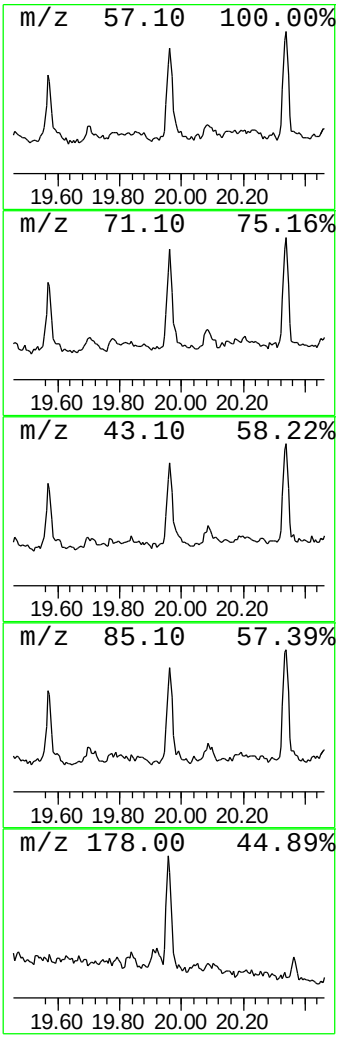
Peak Number 13 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	3.36 ng	503958	Chrysene-d12	19.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	94
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90





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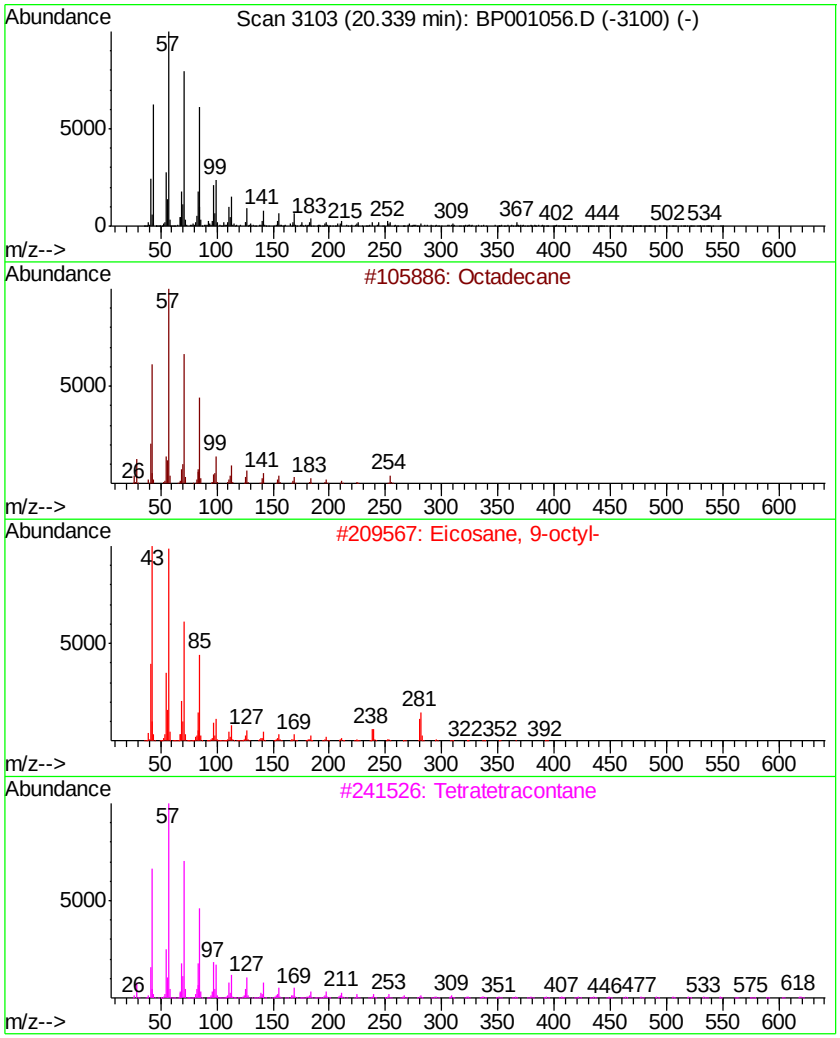
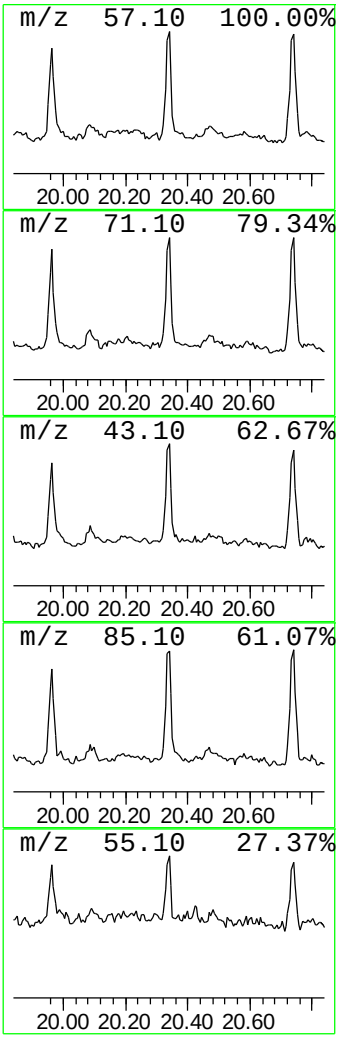
Peak Number 14 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	2.56 ng	238079	Perylene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	90





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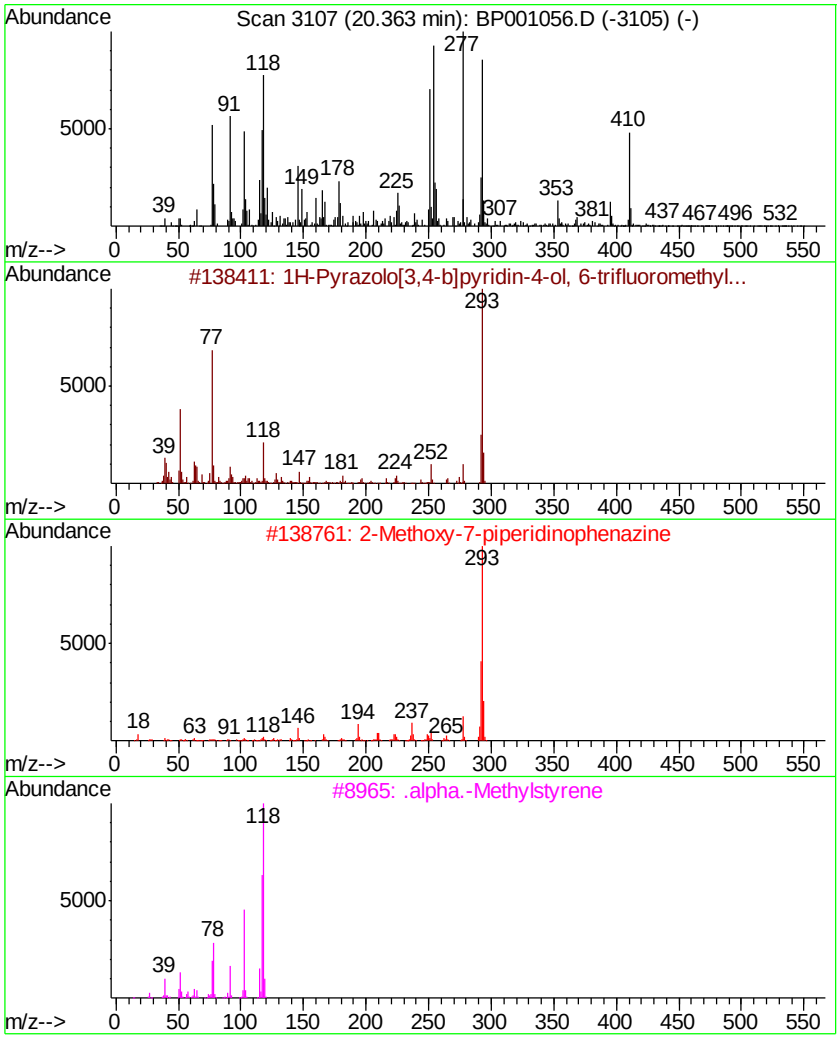
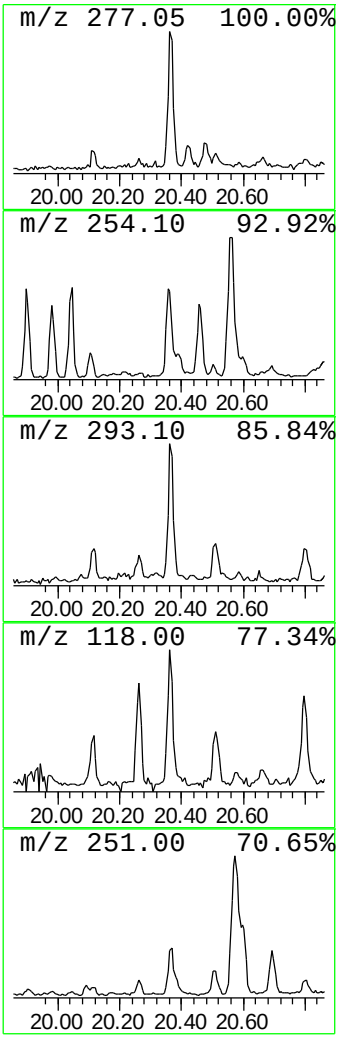
Peak Number 15 unknown20.36 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.59 ng	240593	Perylene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazolo[3,4-b]pyridin-4-ol, ...	293	C14H10F3N3O	309735-36-2	45
2	2-Methoxy-7-piperidinophenazine	293	C18H19N3O	021942-88-1	25
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	18
4	Acetamide, N-[4-(4-methyl-1-phth...	293	C17H15N3O2	309921-81-1	15
5	2,6-Pyridinedicarboxylic acid, p...	355	C21H25NO4	1000369-23-5	15





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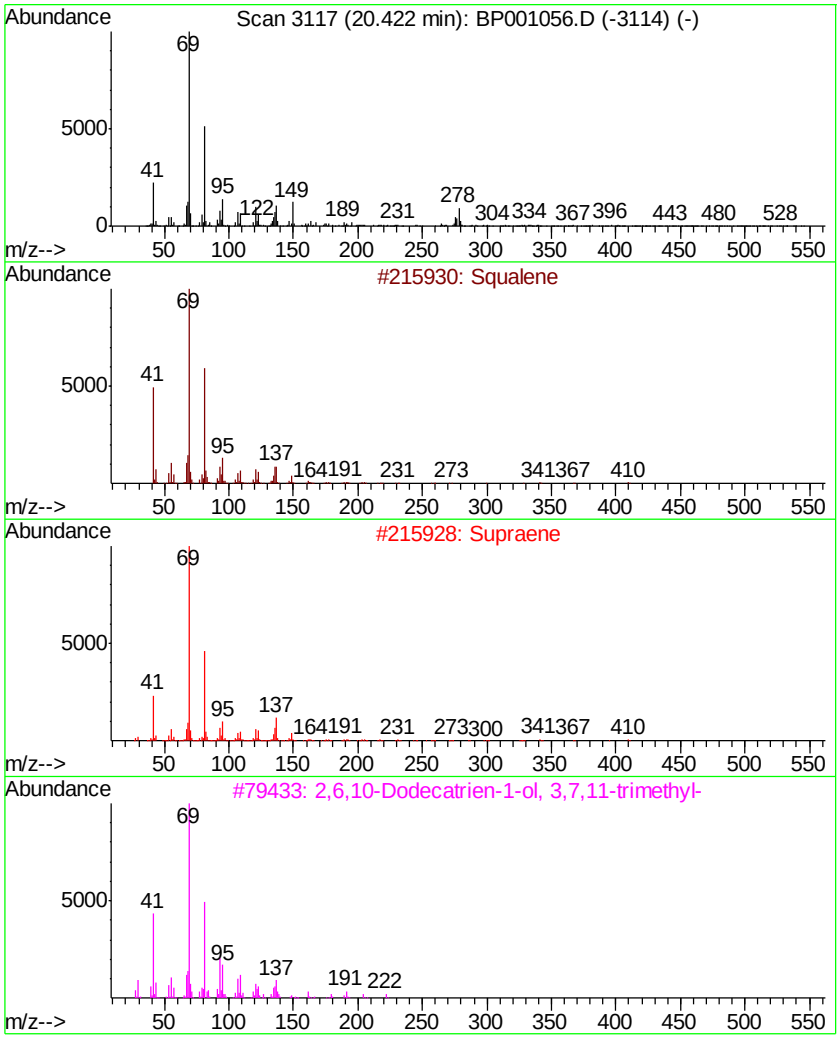
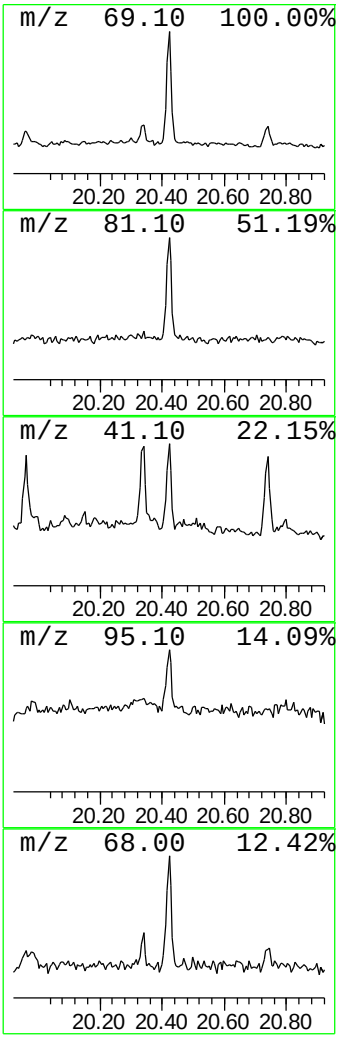
Peak Number 16 Squalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	2.29 ng	213002	Perylene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	76
2	Supraene	410	C30H50	007683-64-9	64
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	59
4	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	46
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	45





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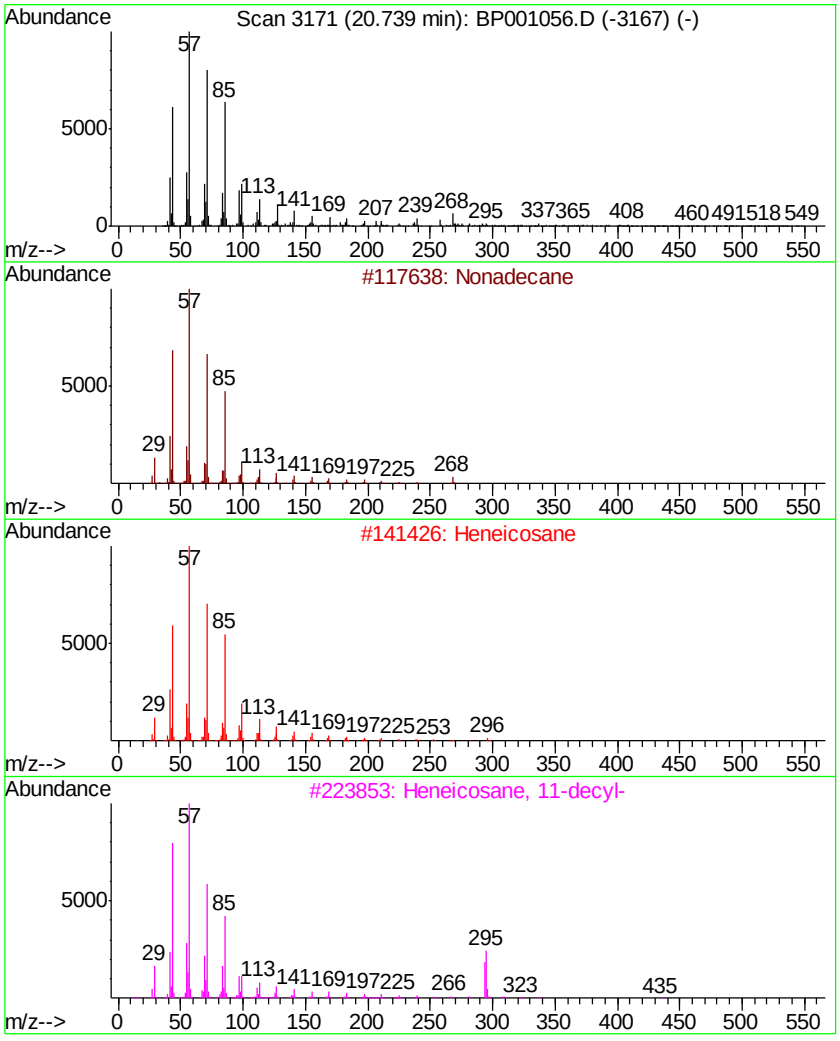
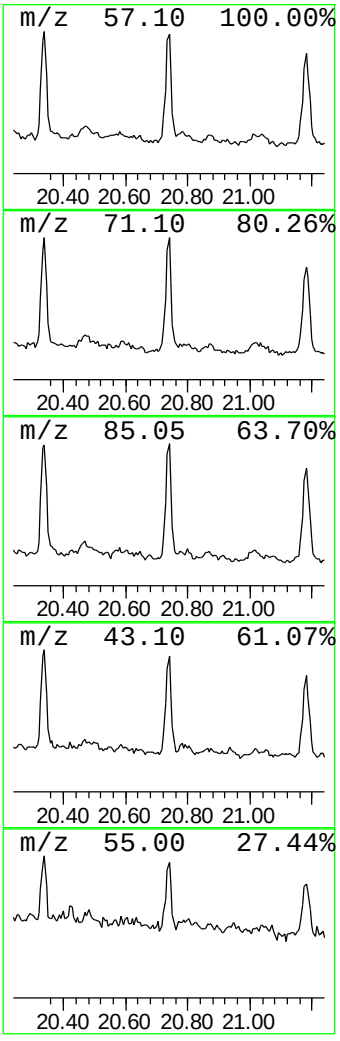
Peak Number 17 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	3.22 ng	299221	Perylene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Heneicosane	296	C21H44	000629-94-7	95
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
4	15,19-Dimethylpentatriacontane	521	C37H76	056987-86-1	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(2-4)

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

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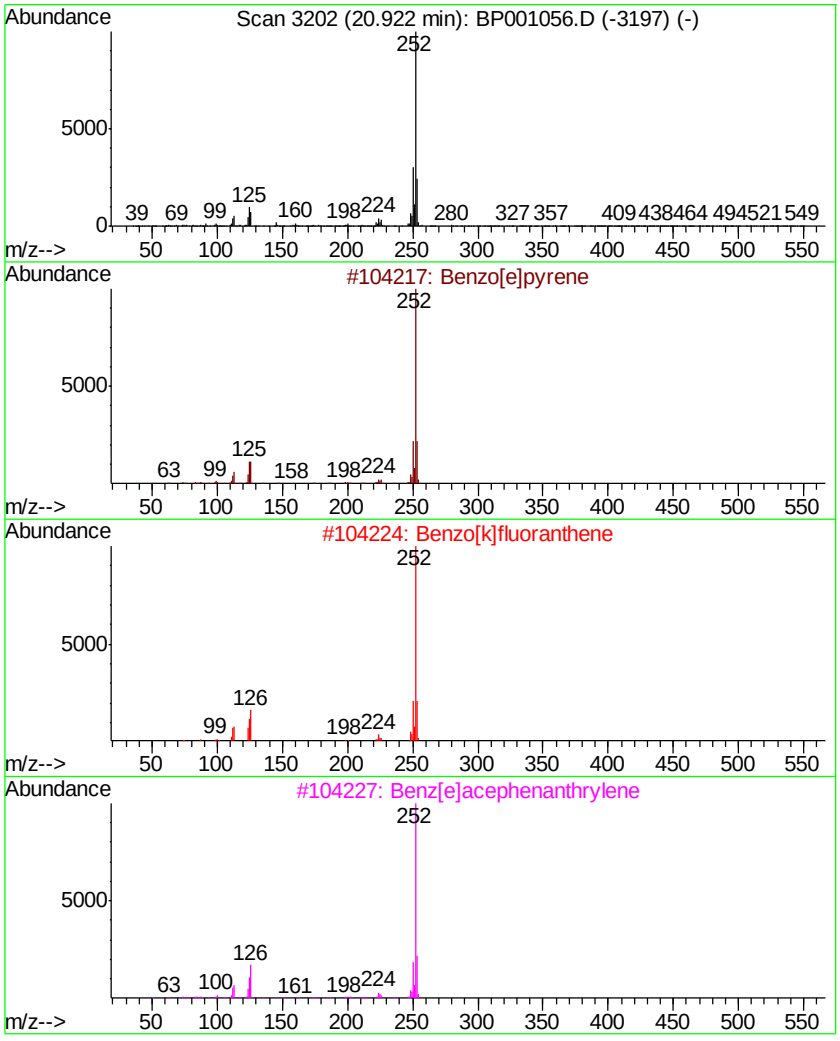
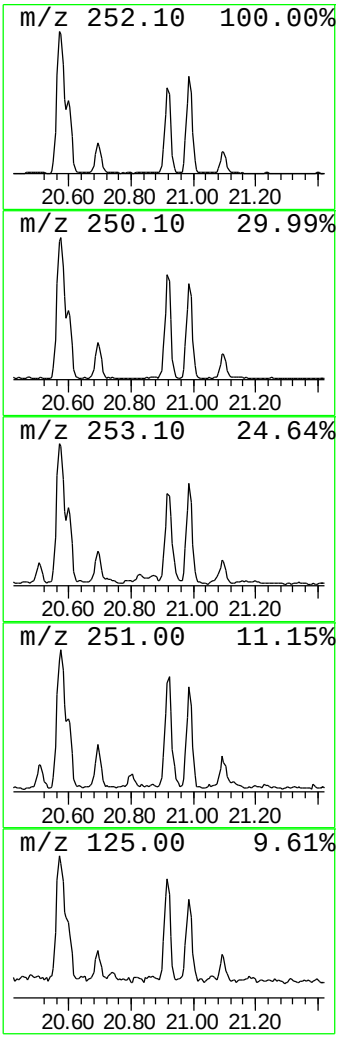
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	8.79 ng	816740	Perylene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001056.D
Acq On : 15 Nov 2019 23:26
Operator : JU
Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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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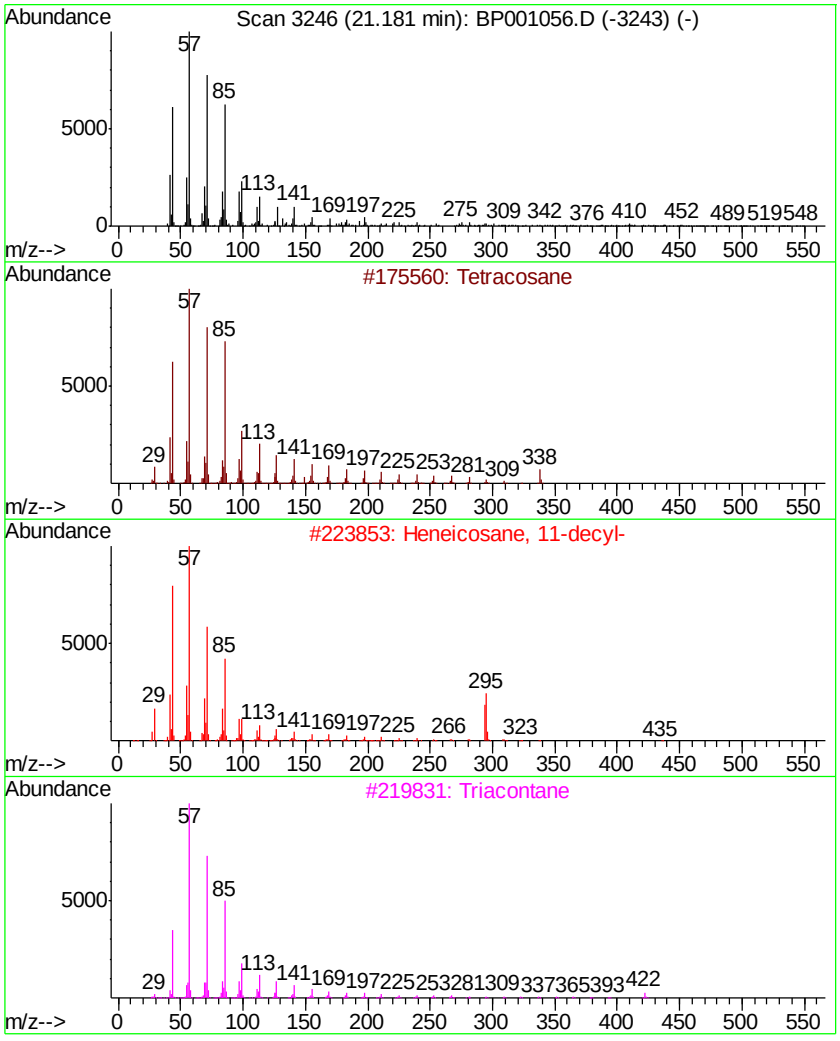
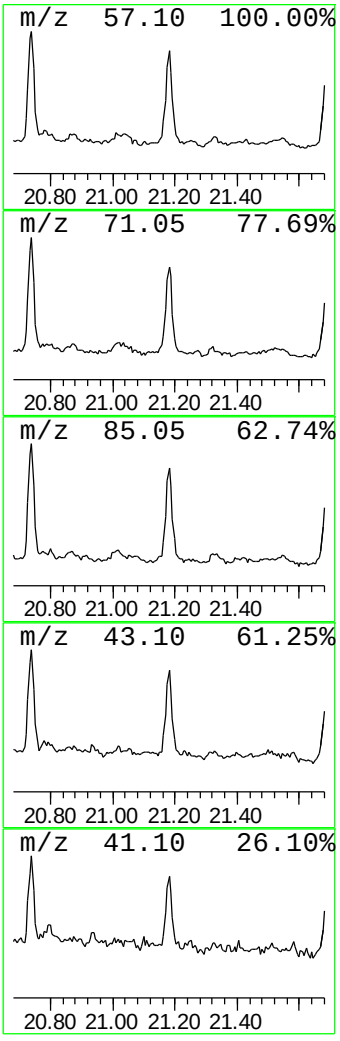
Peak Number 19 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	3.78 ng	351845	Perylene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	94
3	Triacontane	422	C30H62	000638-68-6	91
4	Eicosane	282	C20H42	000112-95-8	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001056.D
Acq On : 15 Nov 2019 23:26
Operator : JU
Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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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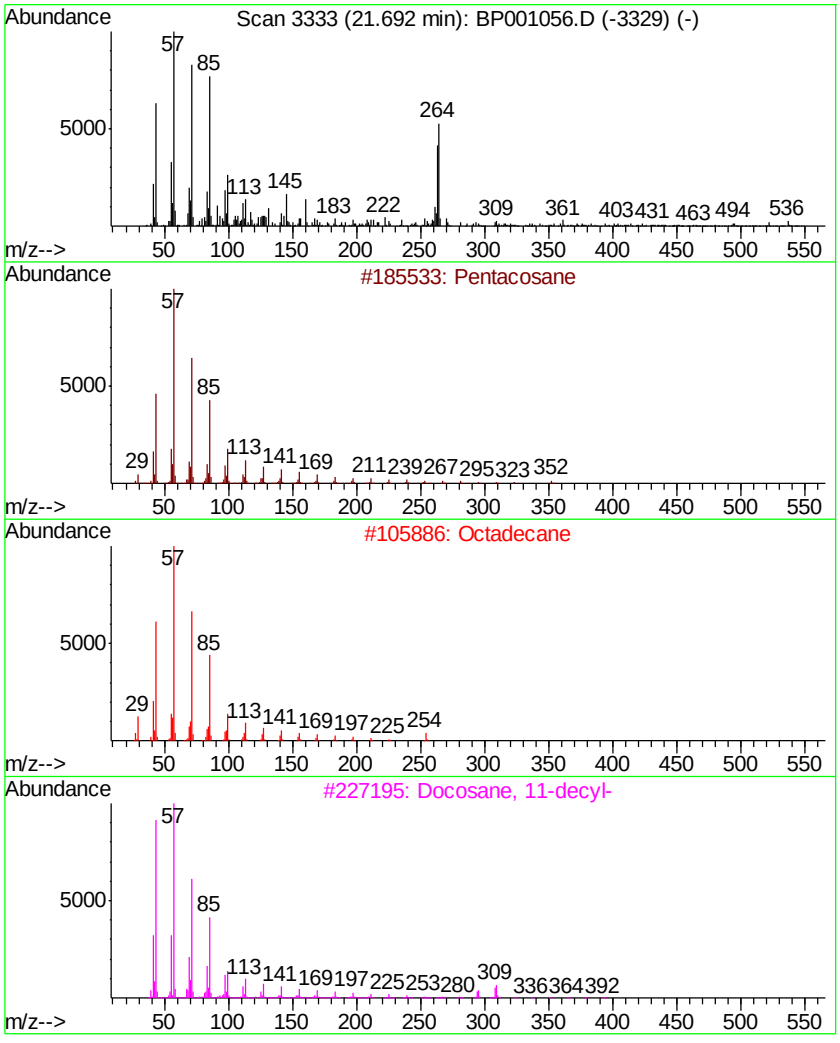
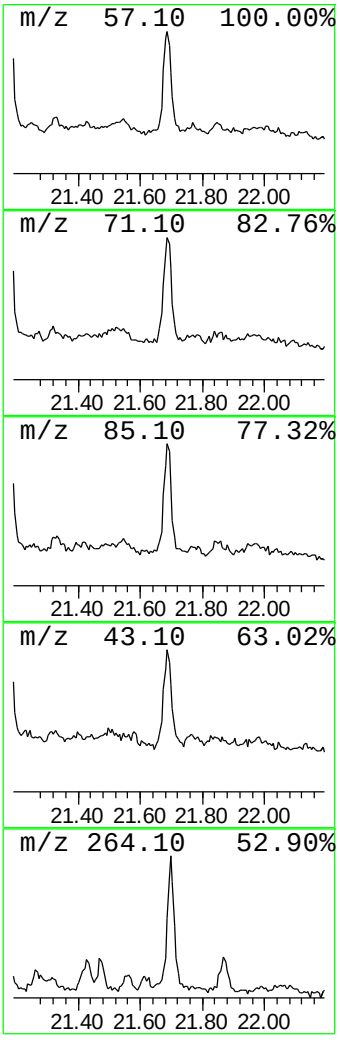
Peak Number 20 Pentacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	3.49 ng	324524	Perylene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	83
2	Octadecane	254	C18H38	000593-45-3	70
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	68
4	Triacontane	422	C30H62	000638-68-6	68
5	Tetratetracontane	619	C44H90	007098-22-8	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP111519\
Data File : BP001056.D
Acq On : 15 Nov 2019 23:26
Operator : JU
Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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
Butane, 2-methoxy...	2.31	8.7	ng	456892	1	8.37	1050280	20.0
2-Pentanone, 4-hy...	5.73	11.3	ng	590918	1	8.37	1050280	20.0
Styrene	6.62	3.4	ng	177095	1	8.37	1050280	20.0
unknown8.00	8.00	49.1	ng	2577890	1	8.37	1050280	20.0
Phenanthrene, 1-m...	16.44	3.1	ng	283426	4	15.65	1852700	20.0
unknown16.55	16.55	3.9	ng	357032	4	15.65	1852700	20.0
9,10-Anthracenedione	16.84	3.1	ng	289291	4	15.65	1852700	20.0
Pyrene, 1-methyl-	18.28	2.4	ng	355066	5	19.28	3002370	20.0
11H-Benzo[a]fluor...	18.80	2.2	ng	327087	5	19.28	3002370	20.0
unknown19.16	19.16	3.6	ng	535958	5	19.28	3002370	20.0
Chrysene, 1-methyl-	19.83	2.0	ng	305260	5	19.28	3002370	20.0
Heptacosane	19.96	3.4	ng	503958	5	19.28	3002370	20.0
Octadecane	20.34	2.6	ng	238079	6	21.06	1859170	20.0
unknown20.36	20.36	2.6	ng	240593	6	21.06	1859170	20.0
Squalene	20.42	2.3	ng	213002	6	21.06	1859170	20.0
Nonadecane	20.74	3.2	ng	299221	6	21.06	1859170	20.0
Benzo[e]pyrene	20.92	8.8	ng	816740	6	21.06	1859170	20.0
Tetracosane	21.18	3.8	ng	351845	6	21.06	1859170	20.0
Pentacosane	21.69	3.5	ng	324524	6	21.06	1859170	20.0