LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(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-BP010820.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	2.917	18	22	23	rVV	55129	65007	2.53%	0.155%
2	2.940	23	26	39	rVB	186585	255484	9.93%	0.611%
3	4.793	336	341	350	rVB	163706	221272	8.60%	0.529%
4	5.258	414	420	428	rBV	717650	1014296	39.43%	2.426%
5	5.652	481	487	497	rBV	82293	155405	6.04%	0.372%
6	6.828	679	687	693	rBV	768442	1200464	46.67%	2.871%
7	6.875	693	695	705	rVB5	31745	58497	2.27%	0.140%
8	7.169	738	745	759	rVB	717652	1150310	44.72%	2.751%
9	7.293	759	766	775	rBV	53536	119471	4.64%	0.286%
10	7.628	815	823	829	rBV	181746	282211	10.97%	0.675%
11	7.946	870	877	883	rBV	544248	847088	32.93%	2.026%
12	8.163	905	914	925	rBV	82425	171170	6.65%	0.409%
13	8.775	1004	1018	1031	rBV	467064	789324	30.68%	1.888%
14	9.228	1085	1095	1104	rBV5	31900	66813	2.60%	0.160%
15	9.434	1126	1130	1139	rVB	43813	78986	3.07%	0.189%
16	10.405	1288	1295	1300	rBV	206214	340968	13.25%	0.815%
17	10.452	1300	1303	1311	rVB	46746	71961	2.80%	0.172%
18	11.057	1400	1406	1417	rBV	37303	67722	2.63%	0.162%
19	12.057	1569	1576	1583	rBV2	23258	60675	2.36%	0.145%
20	12.893	1712	1718	1727	rVB	996759	1429232	55.56%	3.418%
21	13.246	1773	1778	1785	rVV4	28259	69906	2.72%	0.167%
22	13.734	1852	1861	1872	rBV2	92844	192164	7.47%	0.460%
23	13.993	1898	1905	1911	rBV	285263	453288	17.62%	1.084%
24	14.275	1948	1953	1958	rBV	291588	428774	16.67%	1.025%
25	14.893	2052	2058	2060	rBV	35841	61658	2.40%	0.147%
26	15.157	2098	2103	2111	rVB2	57448	93128	3.62%	0.223%
27	15.334	2127	2133	2135	rBV5	35490	60780	2.36%	0.145%
28	15.669	2187	2190	2196	rVB3	32792	55290	2.15%	0.132%
29	15.781	2200	2209	2219	rVV	845179	1262432	49.08%	3.019%
30	16.034	2244	2252	2255	rBV4	47292	108291	4.21%	0.259%
31	16.345	2299	2305	2310	rBV4	37703	94963	3.69%	0.227%
32	16.616	2348	2351	2359	rVV3	48080	94724	3.68%	0.227%
33	16.698	2362	2365	2374	rVB7	34547	76715	2.98%	0.183%
34	16.781	2375	2379	2384	rVV4	37014	58922	2.29%	0.141%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(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-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.839	2385	2389	2394	rVV3	105648	174855	6.80%	0.418%
36	16.892	2394	2398	2403	rVB	91759	125610	4.88%	0.300%
37	17.039	2418	2423	2427	rBV	354932	512574	19.93%	1.226%
38	17.081	2427	2430	2438	rVB	311009	404043	15.71%	0.966%
39	17.175	2440	2446	2452	rVB	314267	439617	17.09%	1.051%
40	17.239	2452	2457	2462	rBV3	53121	103897	4.04%	0.248%
41	17.504	2498	2502	2507	rBV5	43111	77598	3.02%	0.186%
42	17.581	2510	2515	2518	rVV2	206519	289695	11.26%	0.693%
43	17.622	2519	2522	2527	rVB	122936	149428	5.81%	0.357%
44	17.769	2544	2547	2552	rVB	83676	131634	5.12%	0.315%
45	17.916	2568	2572	2576	rBV	262250	365126	14.19%	0.873%
46	17.963	2576	2580	2587	rVB	341128	478563	18.60%	1.145%
47	18.039	2590	2593	2597	rVB	139861	174808	6.80%	0.418%
48	18.104	2598	2604	2608	rVV2	508733	926472	36.02%	2.216%
49	18.139	2608	2610	2620	rVB	285749	376713	14.64%	0.901%
50	18.263	2627	2631	2634	rVB	166784	199654	7.76%	0.477%
51	18.304	2635	2638	2643	rVB	96933	121513	4.72%	0.291%
52	18.404	2652	2655	2659	rBV2	208681	248609	9.66%	0.595%
53	18.622	2688	2692	2694	rBV	98510	137671	5.35%	0.329%
54	18.651	2694	2697	2700	rVB2	82998	104869	4.08%	0.251%
55	18.698	2702	2705	2709	rBV2	128191	174525	6.78%	0.417%
56	18.816	2720	2725	2729	rBV	445725	648016	25.19%	1.550%
57	18.875	2729	2735	2738	rVV2	325006	522162	20.30%	1.249%
58	18.904	2738	2740	2743	rVB2	129910	131825	5.12%	0.315%
59	18.945	2744	2747	2754	rBV4	160901	344218	13.38%	0.823%
60	19.069	2763	2768	2775	rVB	1272284	1589605	61.79%	3.802%
61	19.133	2776	2779	2783	rBV	145410	182254	7.08%	0.436%
62	19.210	2789	2792	2798	rVV	220526	282233	10.97%	0.675%
63	19.263	2798	2801	2804	rVB2	60786	63946	2.49%	0.153%
64	19.304	2804	2808	2819	rVB4	125087	347202	13.50%	0.830%
65	19.422	2820	2828	2837	rBV	1779523	2572396	100.00%	6.152%
66	19.592	2854	2857	2859	rBV2	78457	105654	4.11%	0.253%
67	19.628	2859	2863	2873	rVB	1579693	2007655	78.05%	4.801%
68	19.739	2878	2882	2888	rBV2	275970	545396	21.20%	1.304%
69	19.828	2893	2897	2900	rBV4	90867	123624	4.81%	0.296%
70	19.875	2900	2905	2907	rBV3	229547	372094	14.46%	0.890%
71	19.904	2907	2910	2915	rVB	431538	583033	22.66%	1.394%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(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-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.957	2916	2919	2924	rBV4	77386	141416	5.50%	0.338%
73	20.004	2924	2927	2932	rVB	271175	318550	12.38%	0.762%
74	20.063	2932	2937	2941	rBV	342180	447020	17.38%	1.069%
75	20.198	2956	2960	2963	rVV	283510	324590	12.62%	0.776%
76	20.239	2963	2967	2972	rVB2	307853	371782	14.45%	0.889%
77	20.445	2999	3002	3005	rBV4	67268	86795	3.37%	0.208%
78	20.604	3026	3029	3032	rBV3	147470	191054	7.43%	0.457%
79	20.633	3032	3034	3041	rVB	157287	242213	9.42%	0.579%
80	20.798	3059	3062	3065	rVB	174108	203881	7.93%	0.488%
81	20.833	3065	3068	3072	rVB	216253	239824	9.32%	0.574%
82	20.886	3072	3077	3082	rBV3	426127	722370	28.08%	1.728%
83	21.133	3114	3119	3124	rBV2	1060130	1992418	77.45%	4.765%
84	21.186	3124	3128	3134	rVV	886626	1241938	48.28%	2.970%
85	21.263	3138	3141	3144	rBV	101179	114535	4.45%	0.274%
86	21.498	3178	3181	3186	rVB2	188491	231124	8.98%	0.553%
87	21.639	3202	3205	3208	rBV2	76576	96246	3.74%	0.230%
88	21.698	3212	3215	3219	rVB	252782	292930	11.39%	0.701%
89	21.751	3220	3224	3227	rBV2	144180	250080	9.72%	0.598%
90	21.886	3244	3247	3250	rBV	123480	160661	6.25%	0.384%
91	21.992	3262	3265	3276	rVB	95769	140759	5.47%	0.337%
92	22.716	3382	3388	3398	rBV2	416173	1356165	52.72%	3.243%
93	22.874	3412	3415	3422	rVB	114516	208574	8.11%	0.499%
94	23.186	3463	3468	3476	rVB	297377	565635	21.99%	1.353%
95	23.280	3478	3484	3494	rBV	423779	923974	35.92%	2.210%
96	23.374	3495	3500	3506	rVV	232640	415213	16.14%	0.993%
97	25.627	3875	3883	3895	rVB2	212001	619303	24.07%	1.481%
98	26.321	3993	4001	4009	rVB	123478	332067	12.91%	0.794%
99	26.651	4048	4057	4069	rVB6	288225	908432	35.31%	2.173%
100	27.027	4113	4121	4143	rVB4	257743	978350	38.03%	2.340%

Sum of corrected areas: 41814077

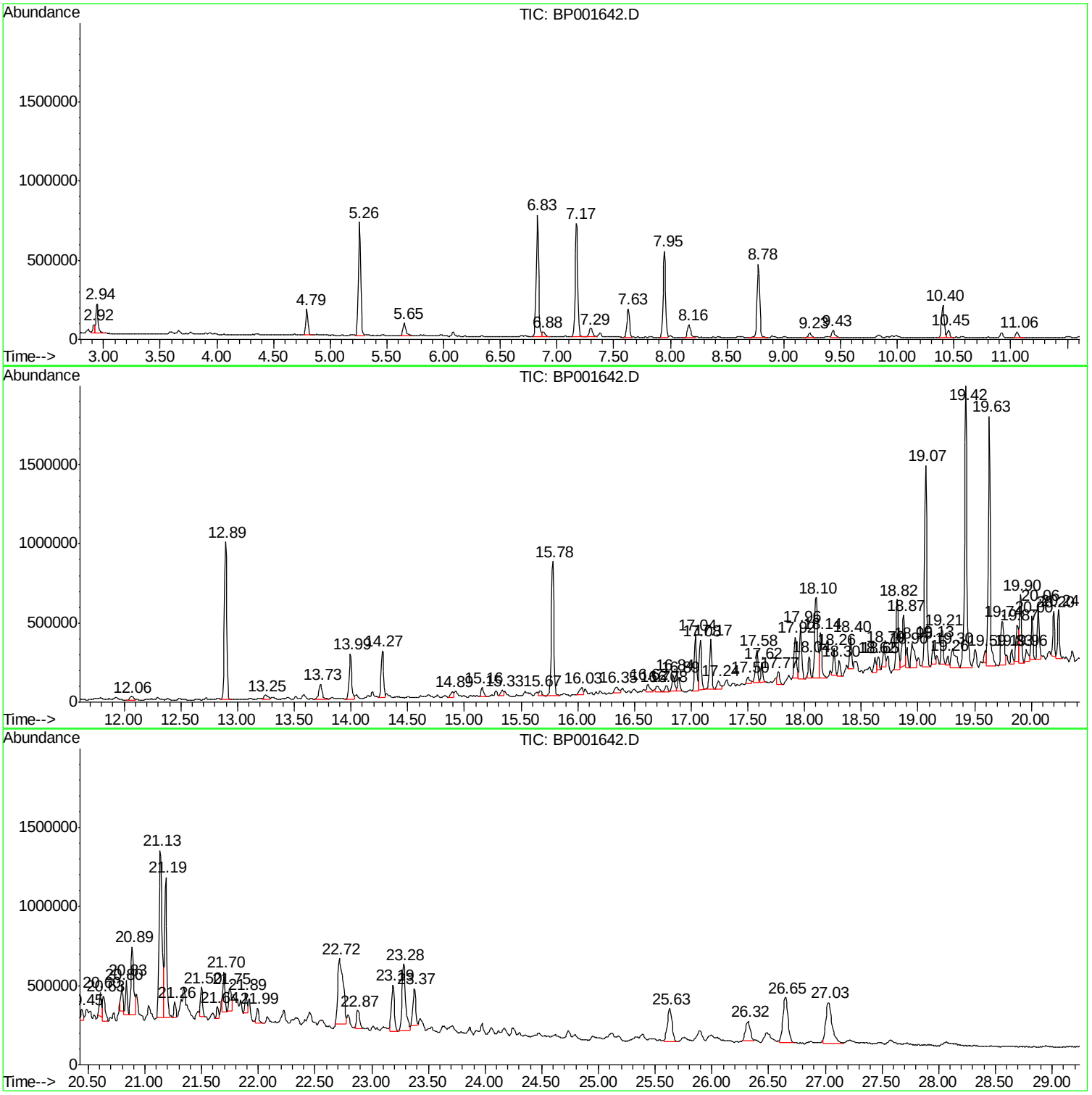
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

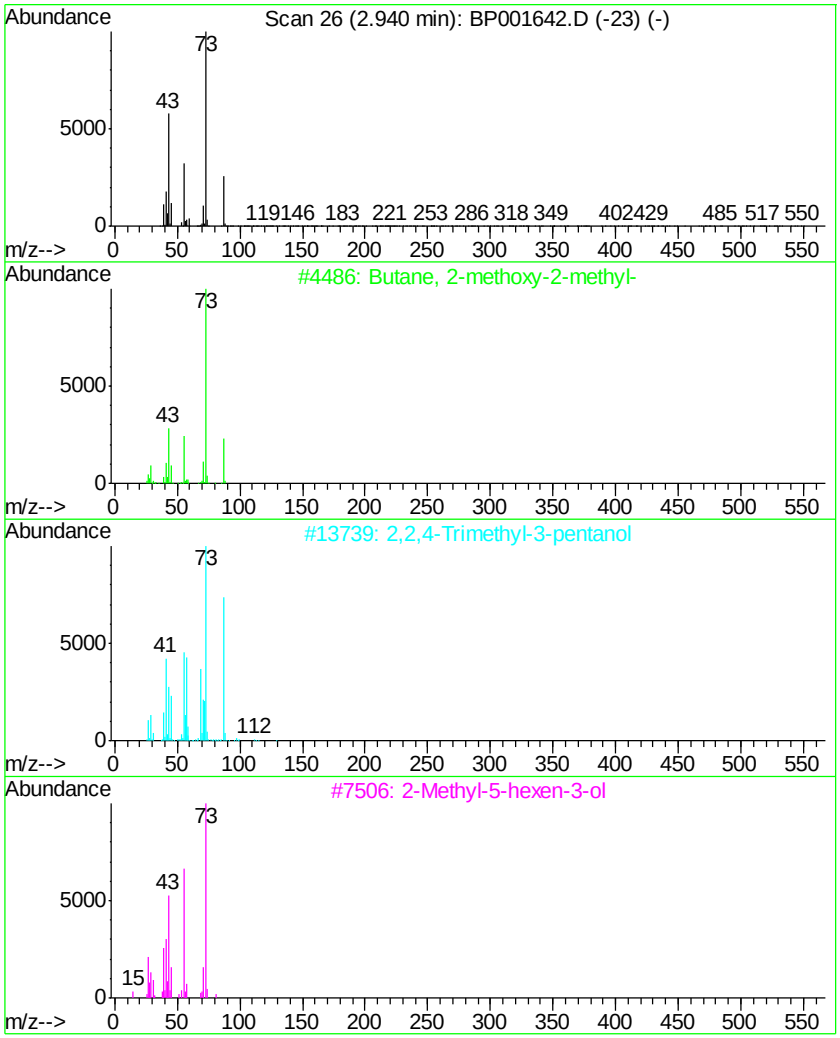
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

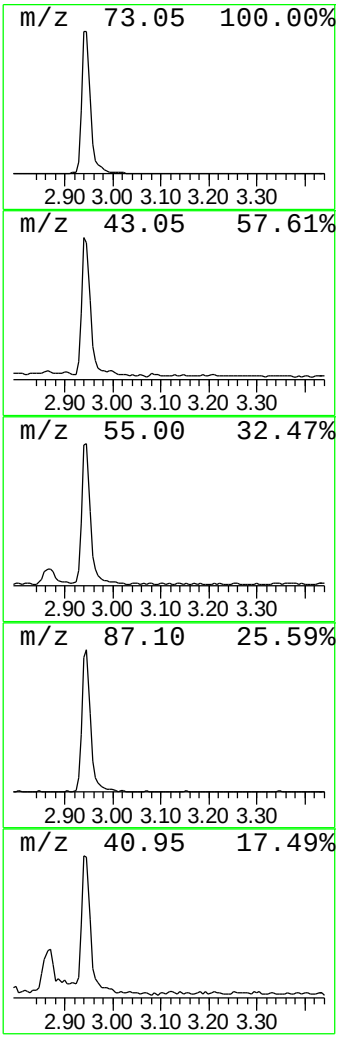
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	18.11 ng	255484	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

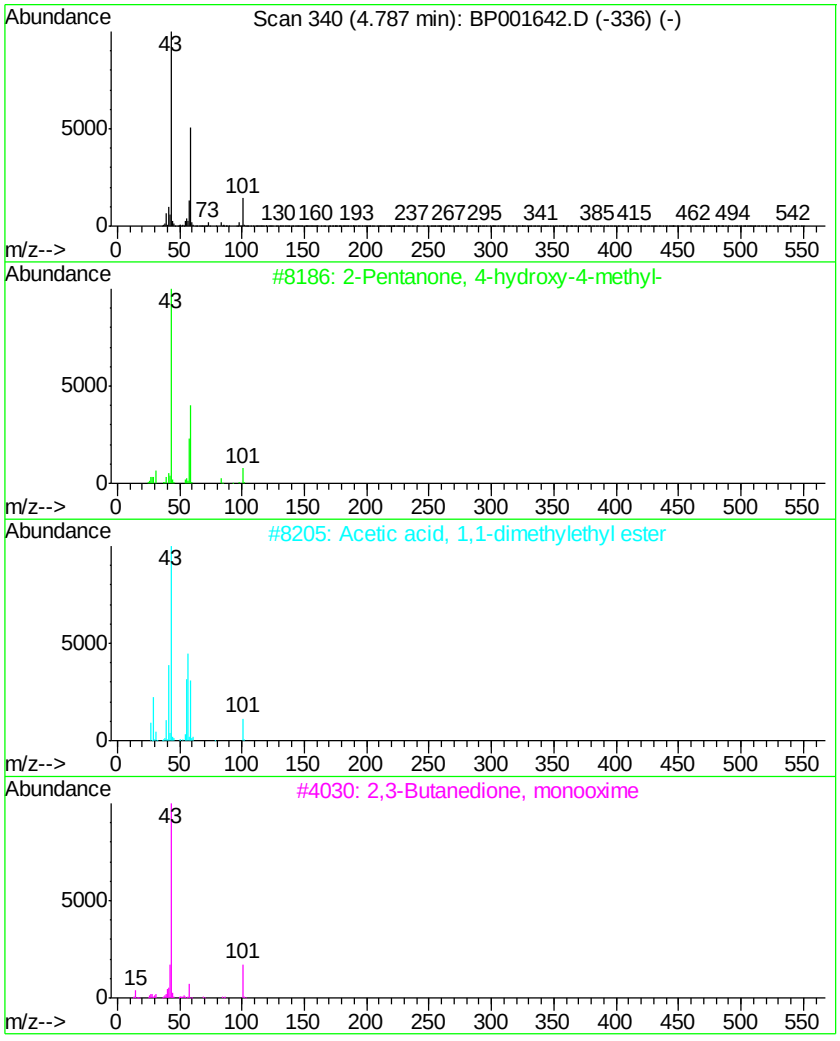
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

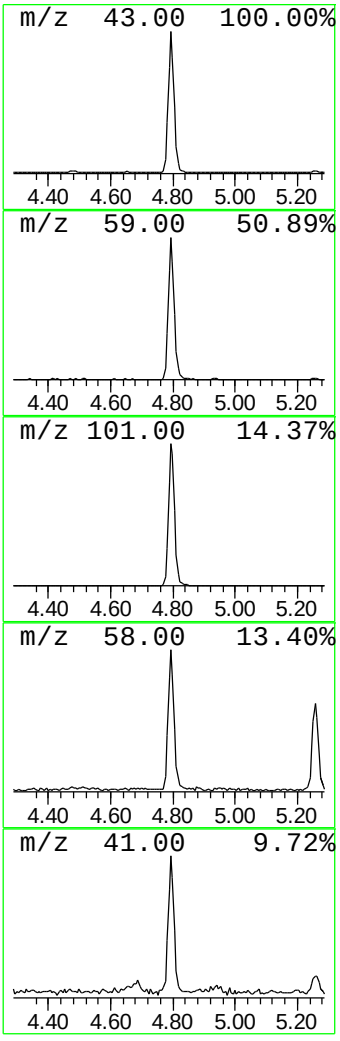
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	15.68 ng	221272	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	22
5	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

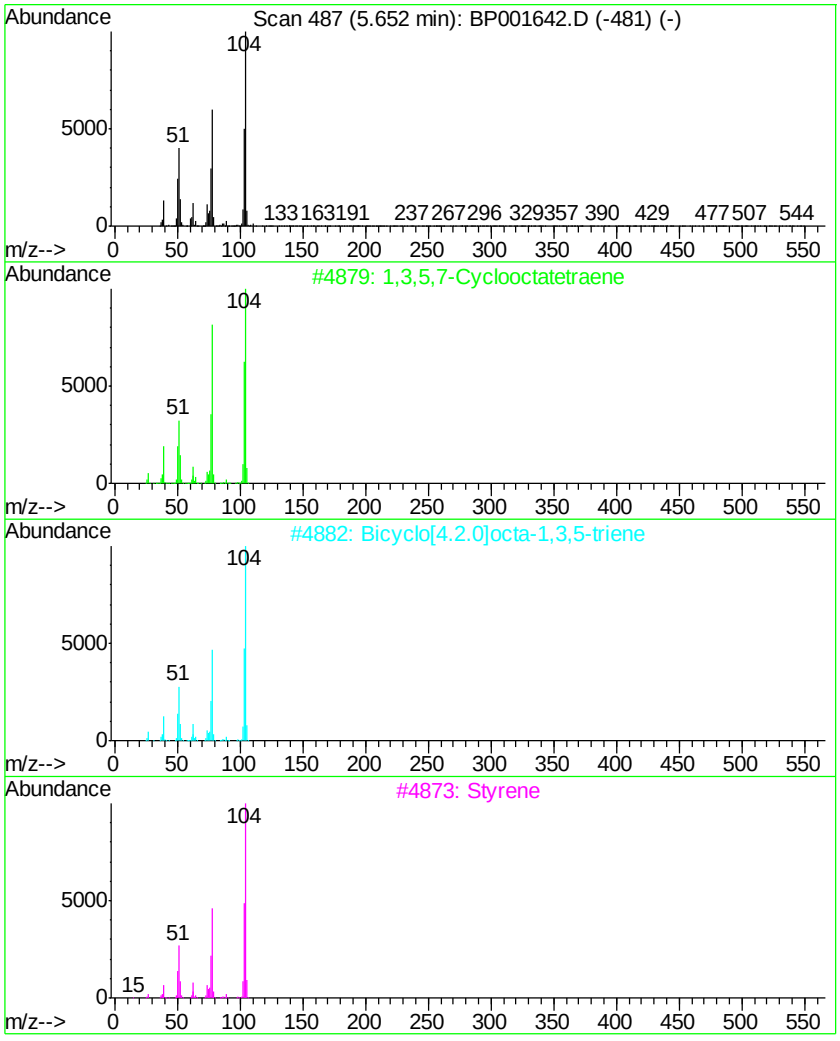
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

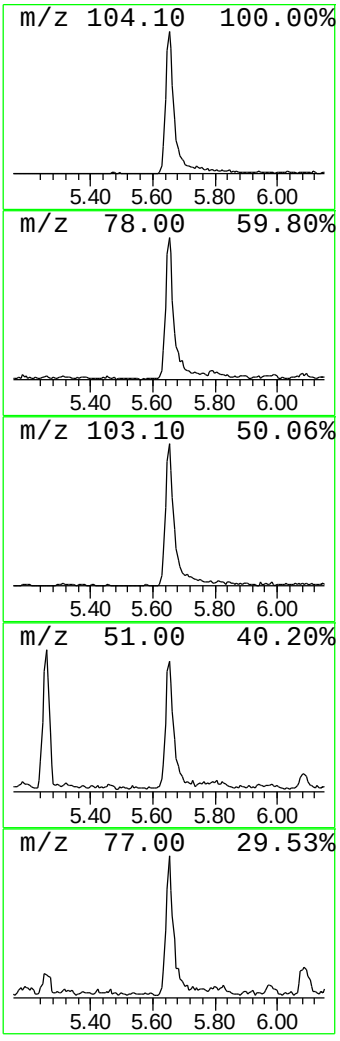
****

Peak Number 3 1,3,5,7-Cyclooctatetraene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	11.01 ng	155405	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
3	Styrene	104	C8H8	000100-42-5	96
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	59
5	2,4-Hexadiyne	78	C6H6	002809-69-0	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

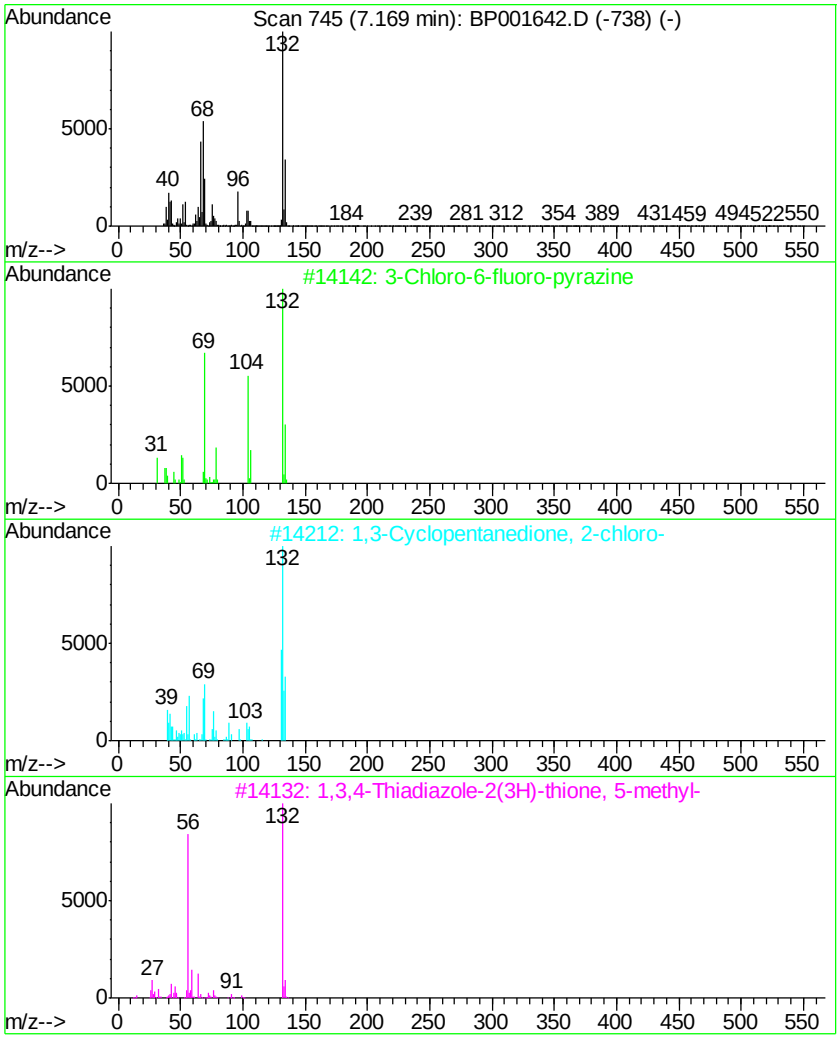
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

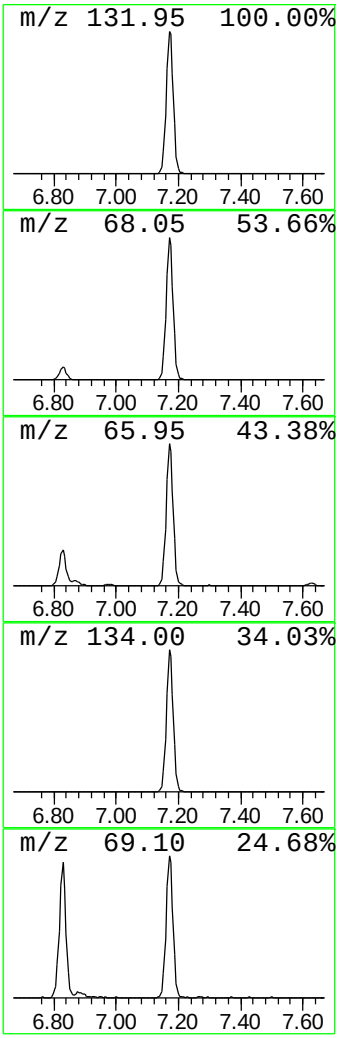
****

Peak Number 4 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	81.52 ng	1150310	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

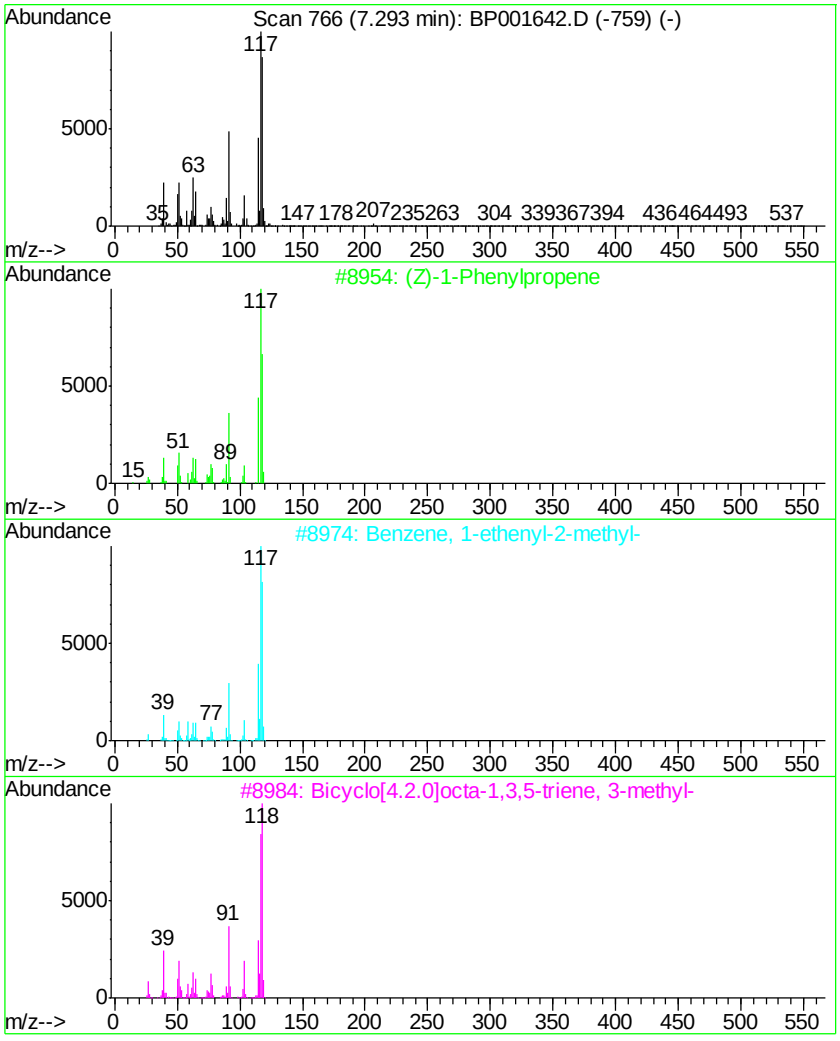
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

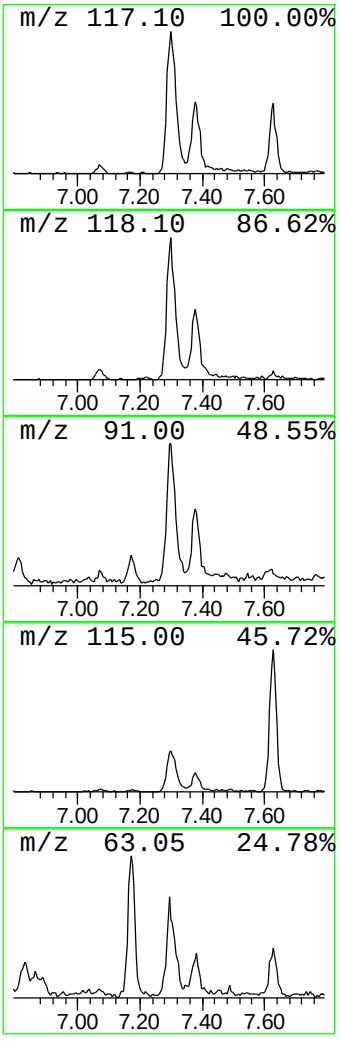
****

Peak Number 5 (Z)-1-Phenylpropene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	8.47 ng	119471	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	90
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	89
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	81





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Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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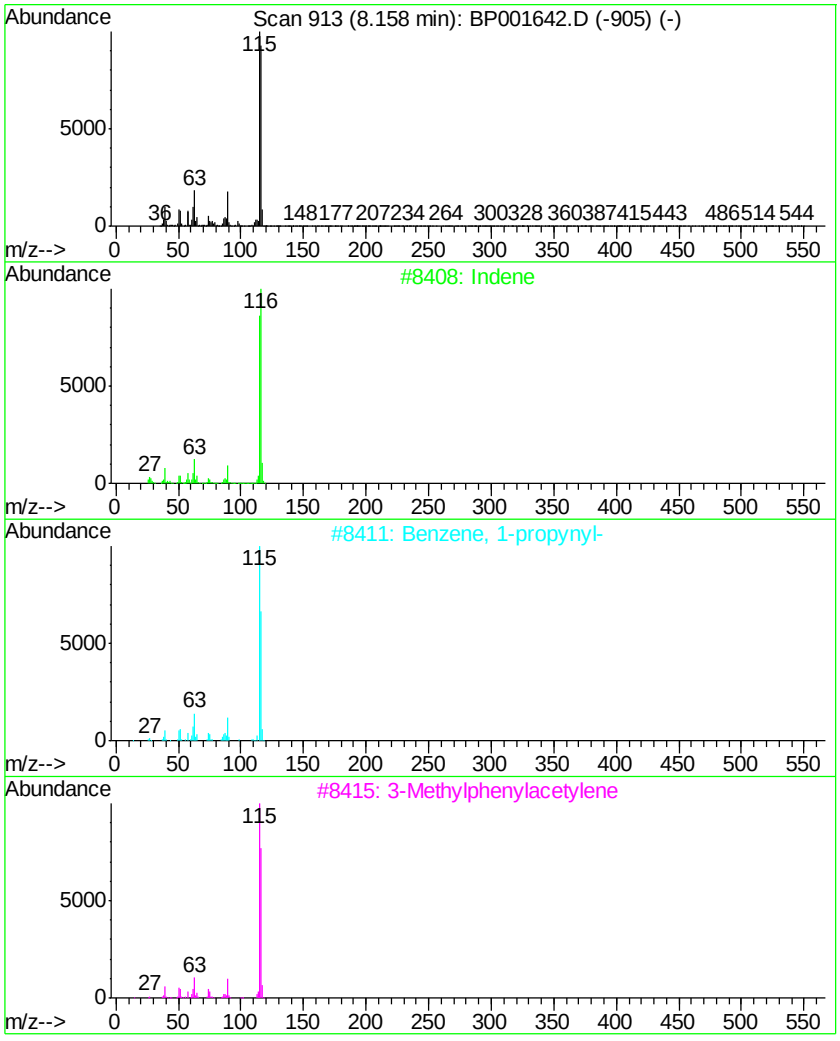
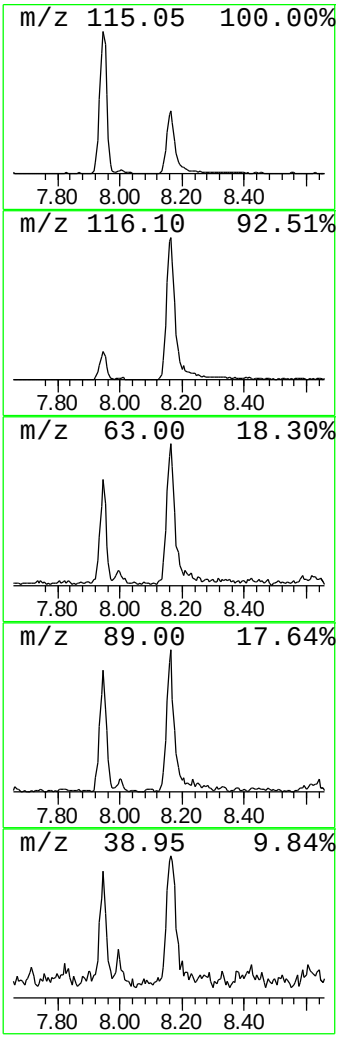
Peak Number 7 Indene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	12.13 ng	171170	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	87





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Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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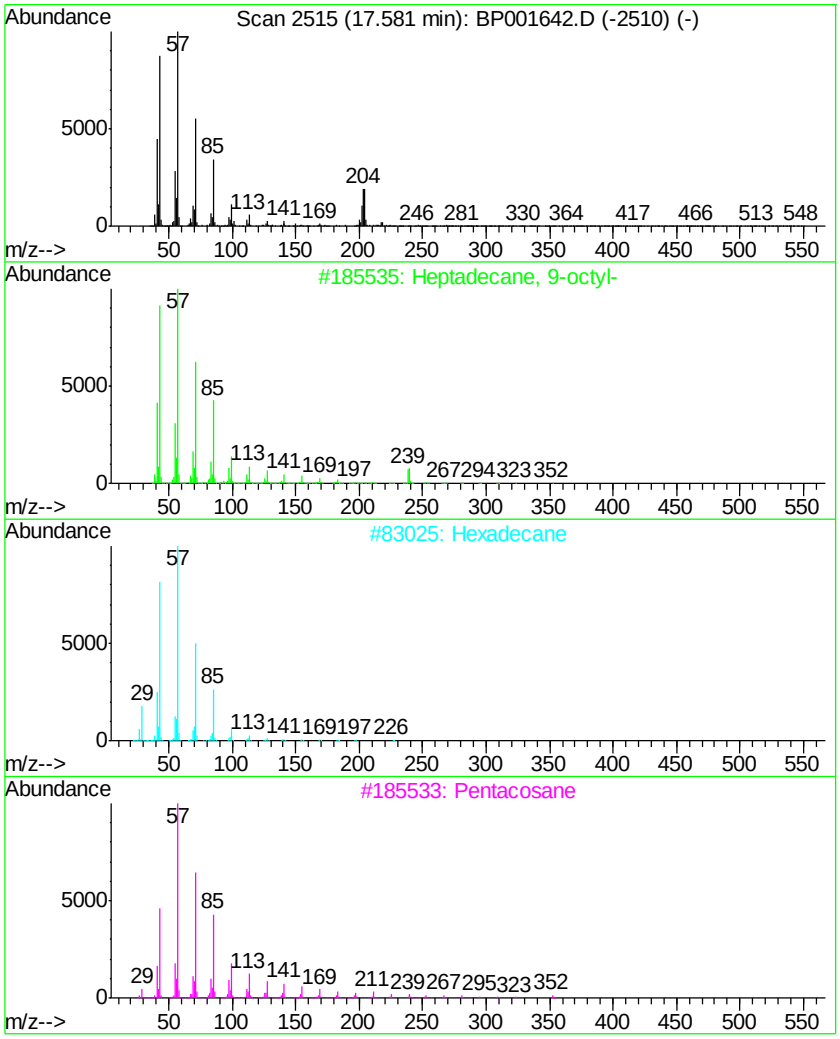
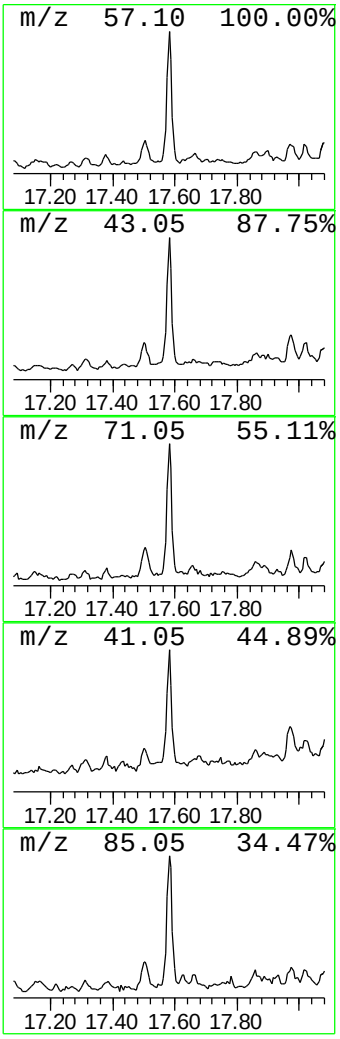
Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	11.30 ng	289695	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2	Hexadecane	226	C16H34	000544-76-3	96
3	Pentacosane	352	C25H52	000629-99-2	95
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	92
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	70





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Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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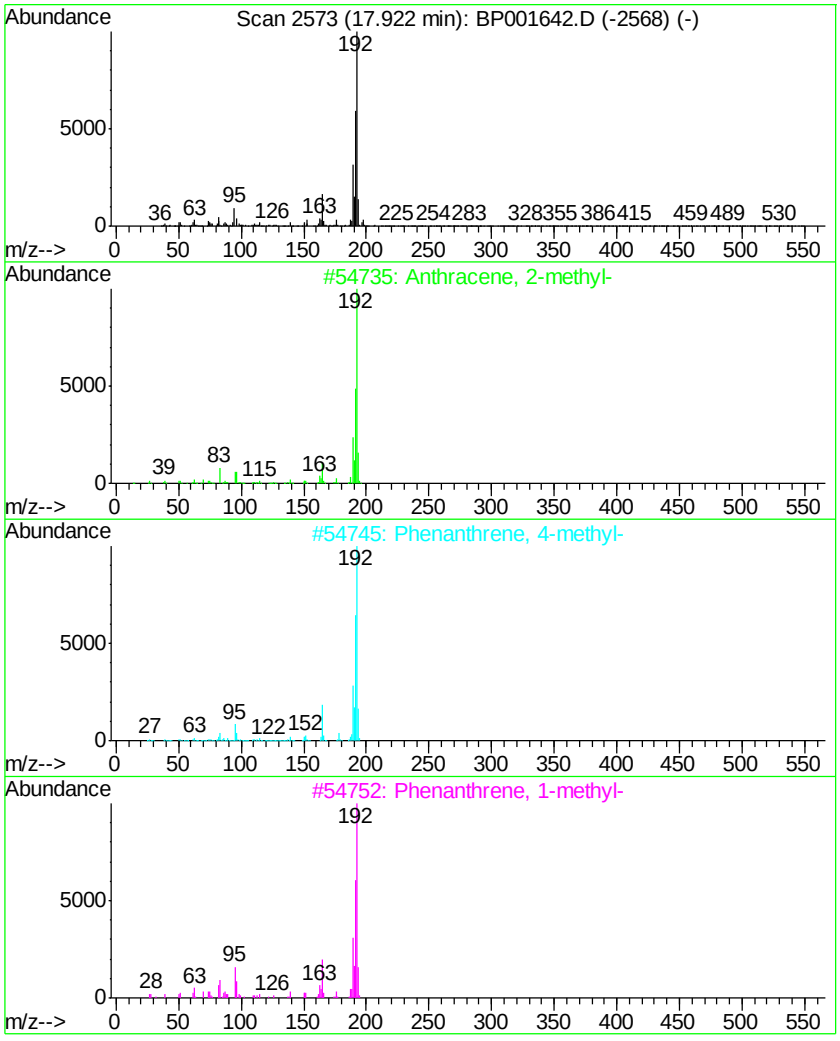
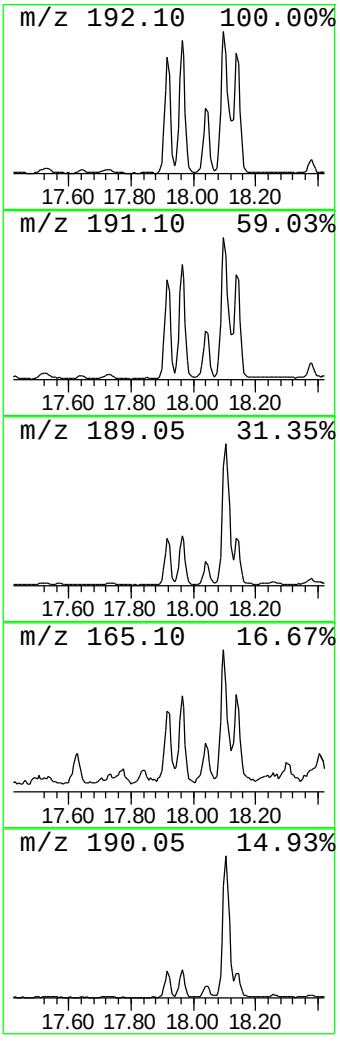
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	14.25 ng	365126	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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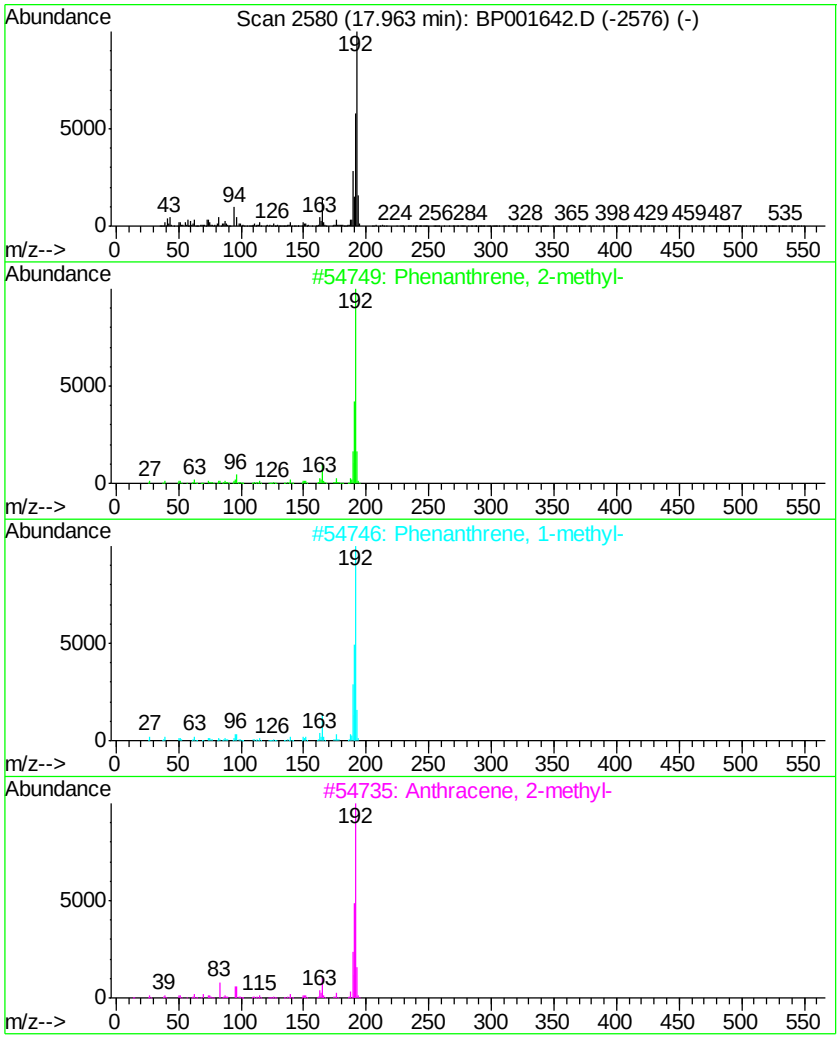
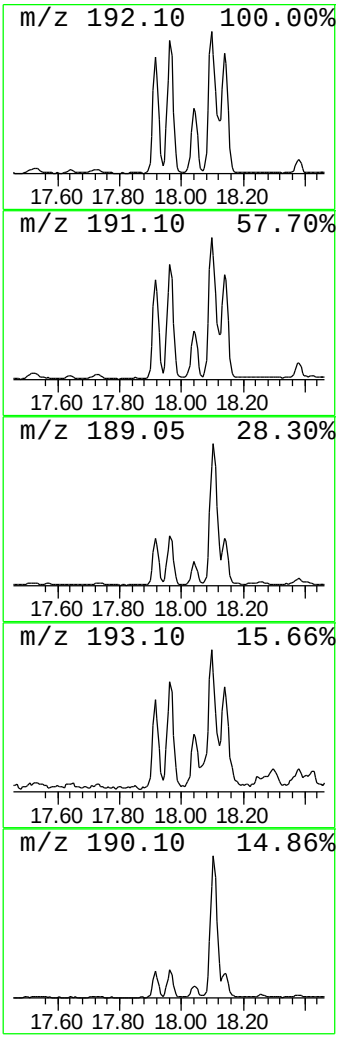
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	18.67 ng	478563	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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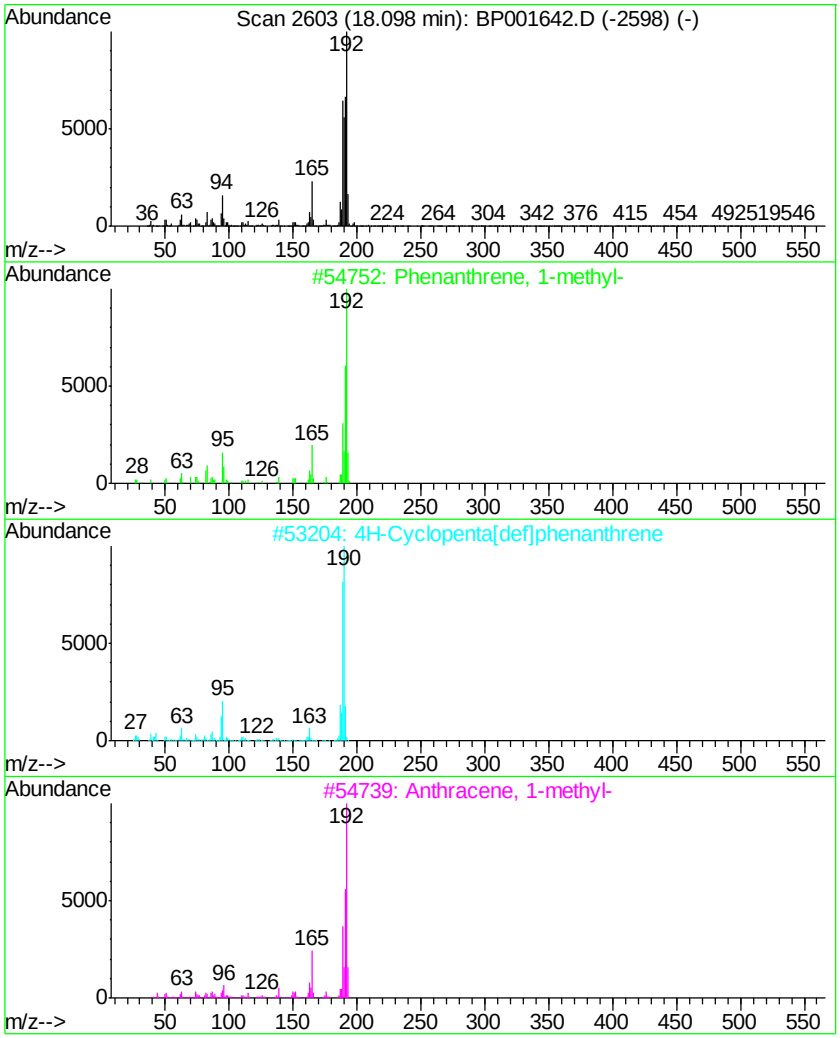
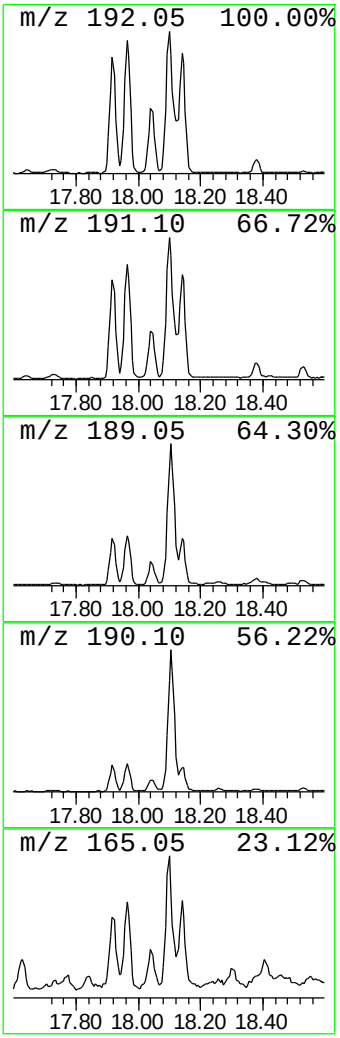
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	36.15 ng	926472	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	52
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46





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Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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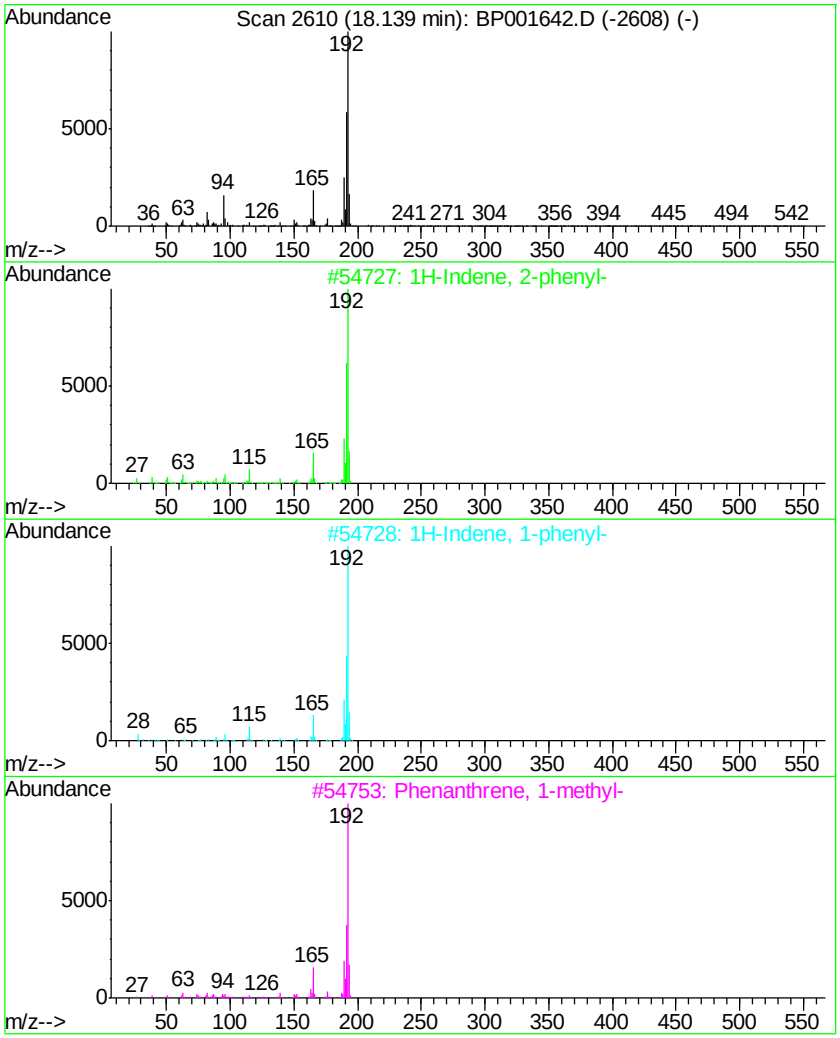
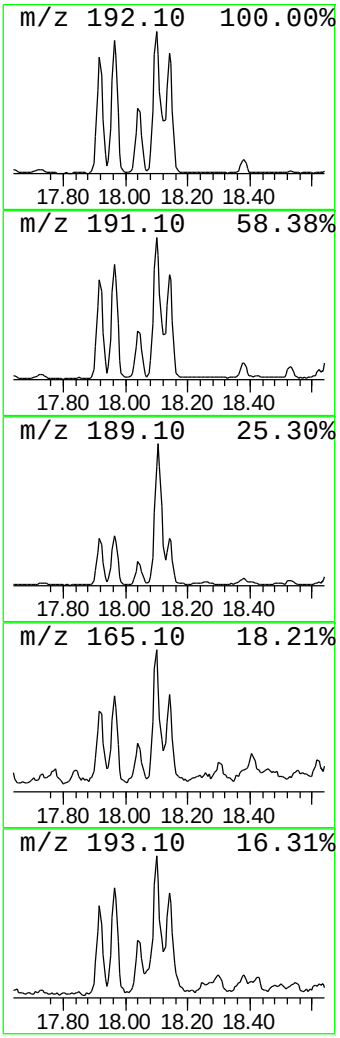
Peak Number 12 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	14.70 ng	376713	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87





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Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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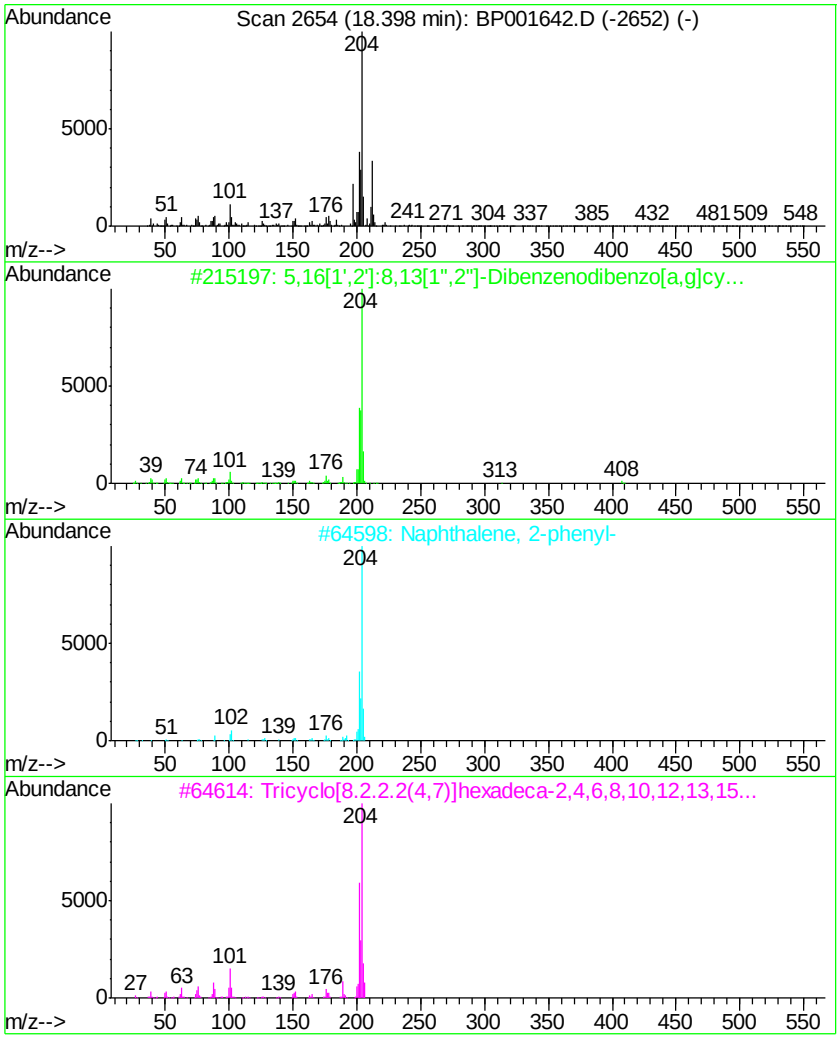
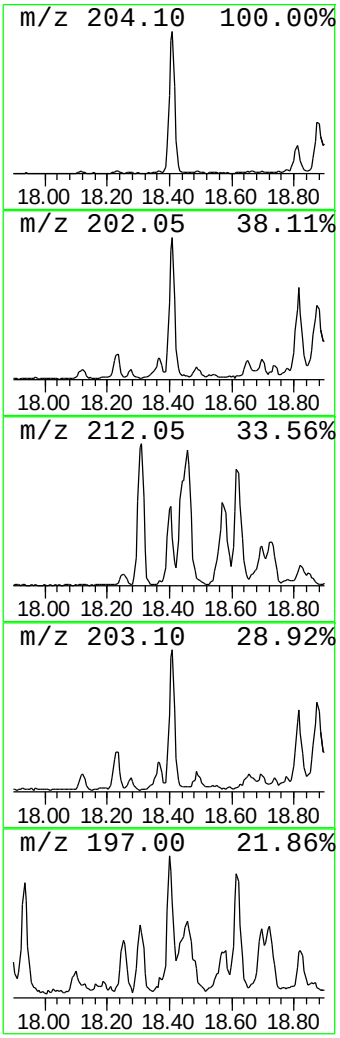
Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	9.70 ng	248609	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

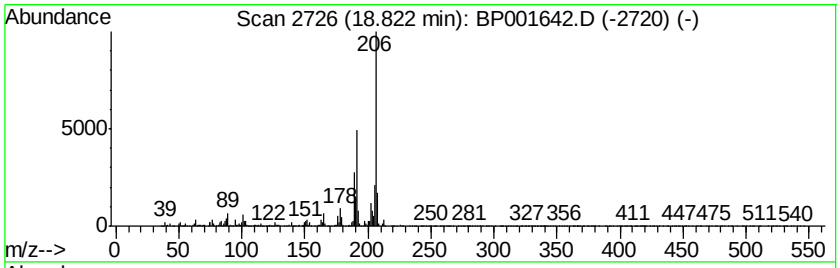
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

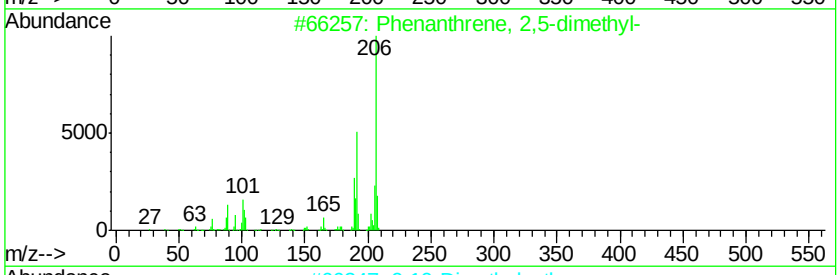
****

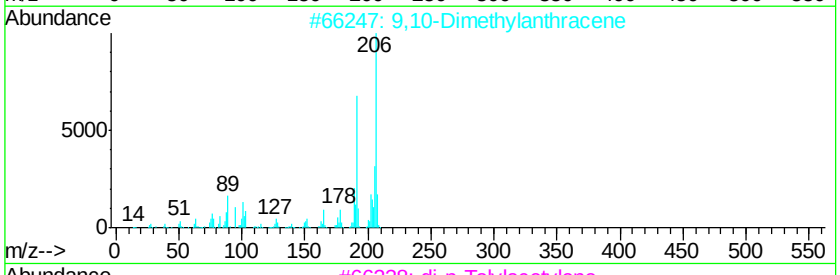
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

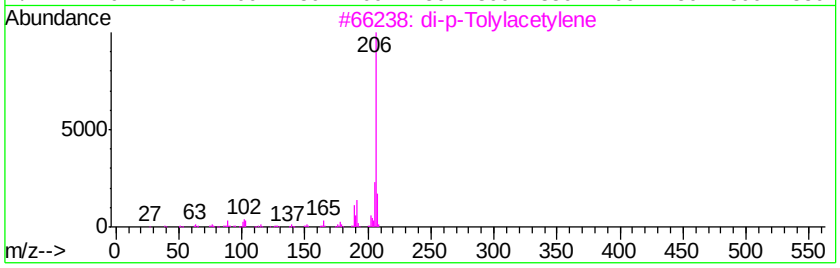
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	25.28 ng	648016	Phenanthrene-d10	17.04

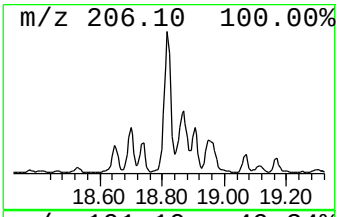
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90

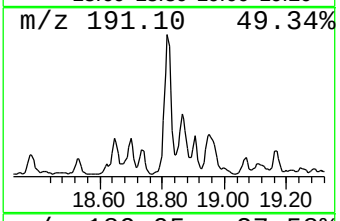


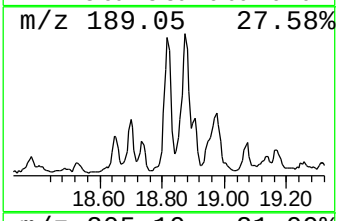


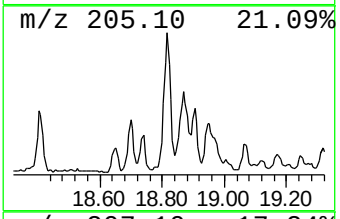


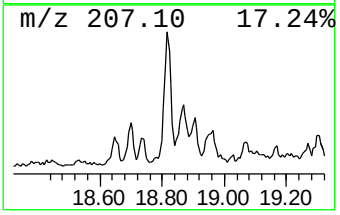












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Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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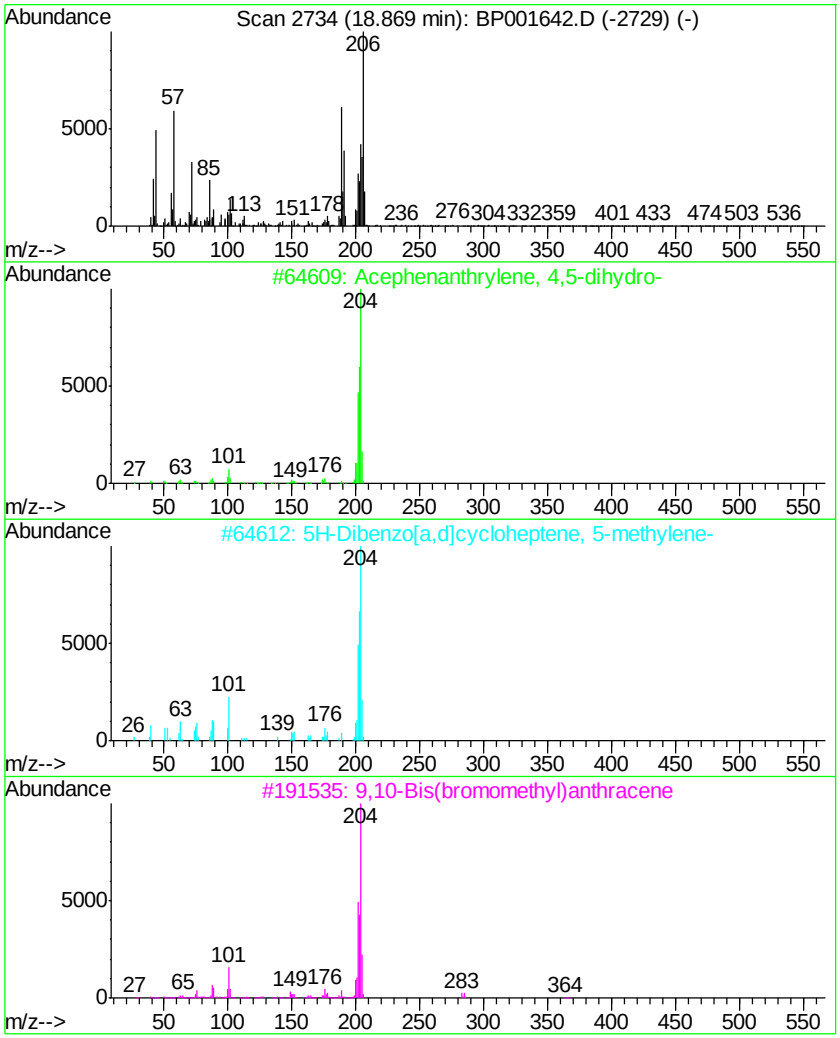
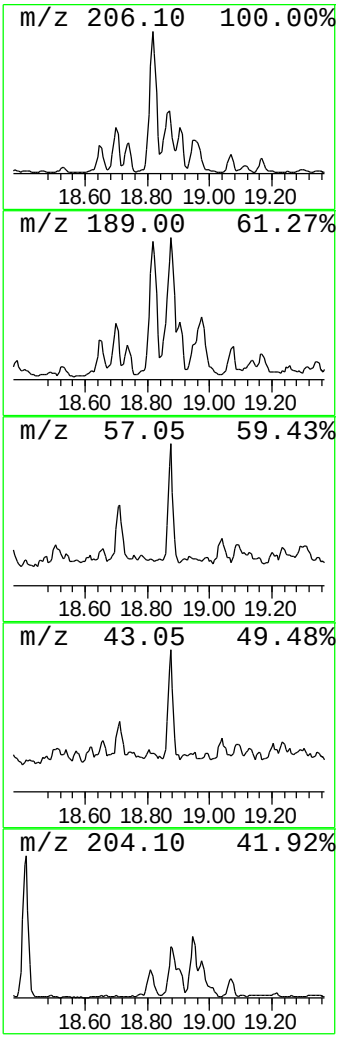
Peak Number 15 Acephenanthrylene, 4,5-dihy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	20.37 ng	522162	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	74
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	49
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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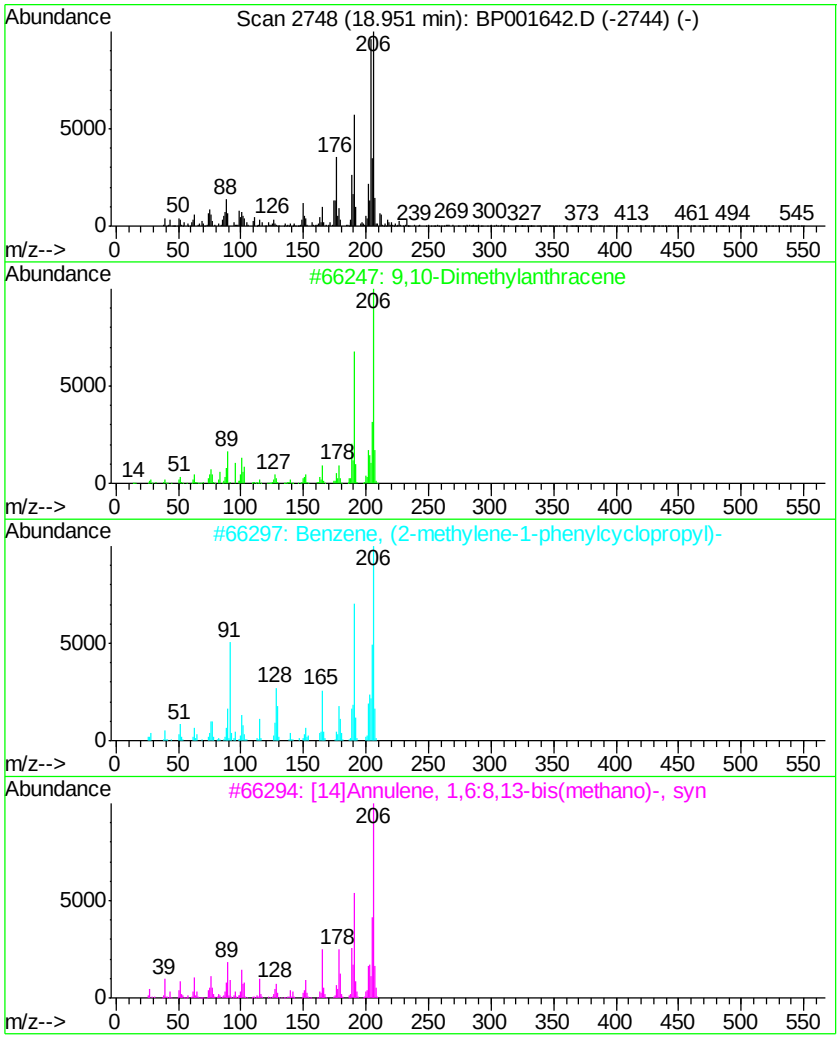
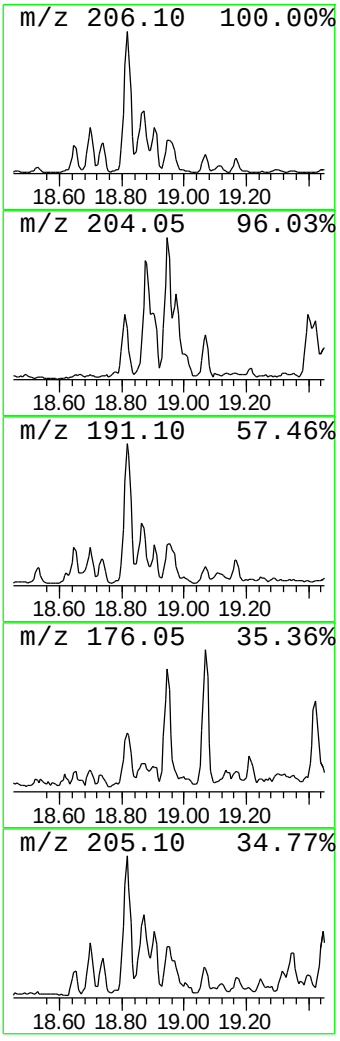
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	13.43 ng	344218	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
2	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	64
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	60
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	55
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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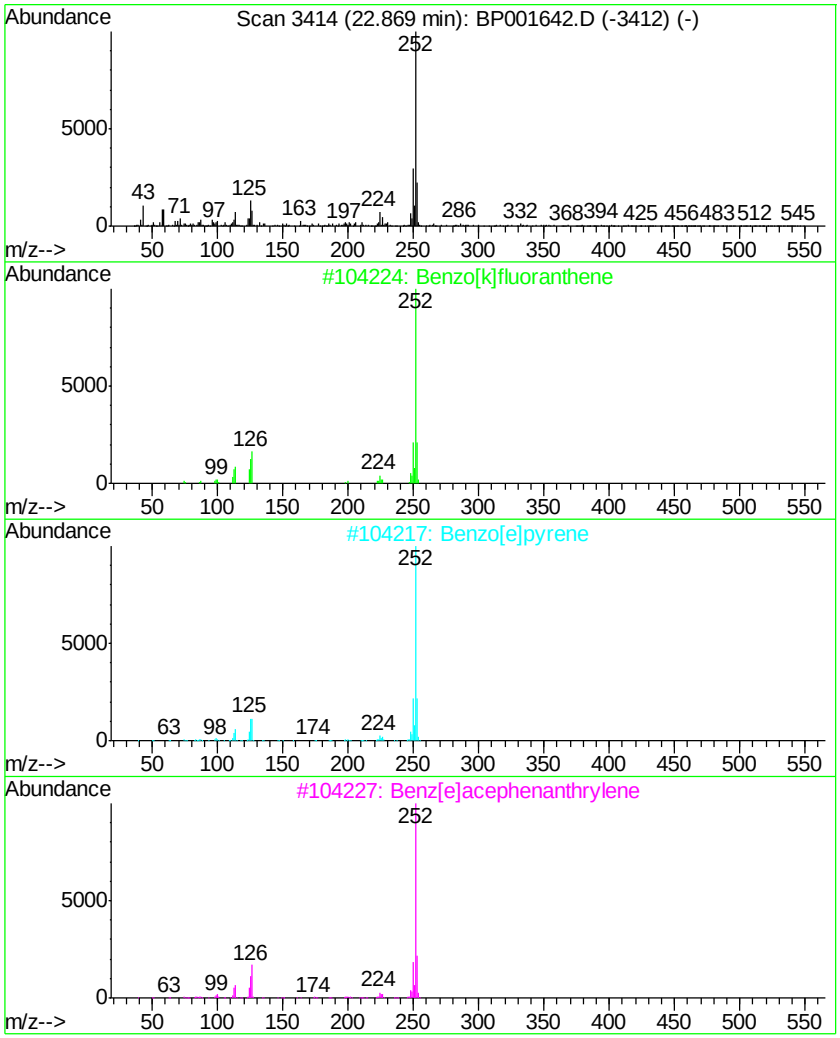
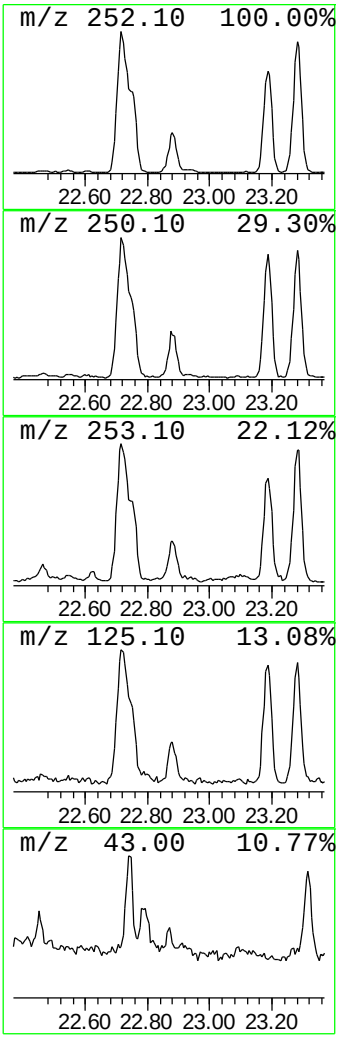
Peak Number 17 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	10.05 ng	208574	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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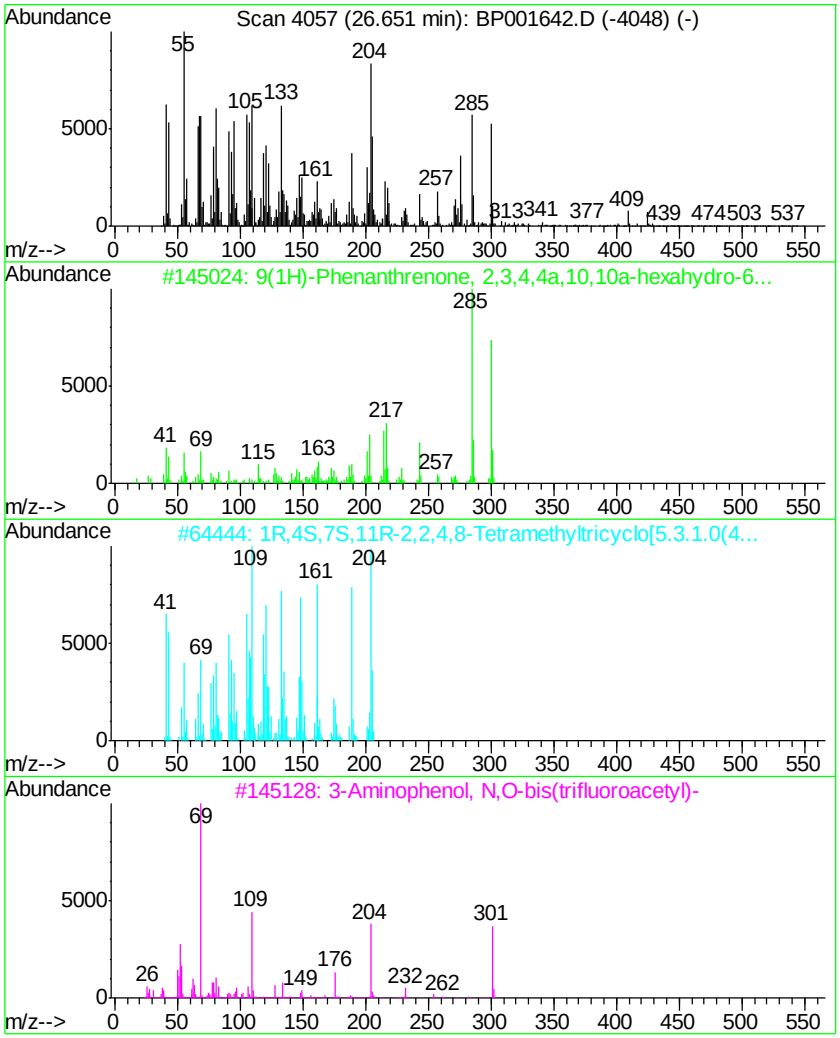
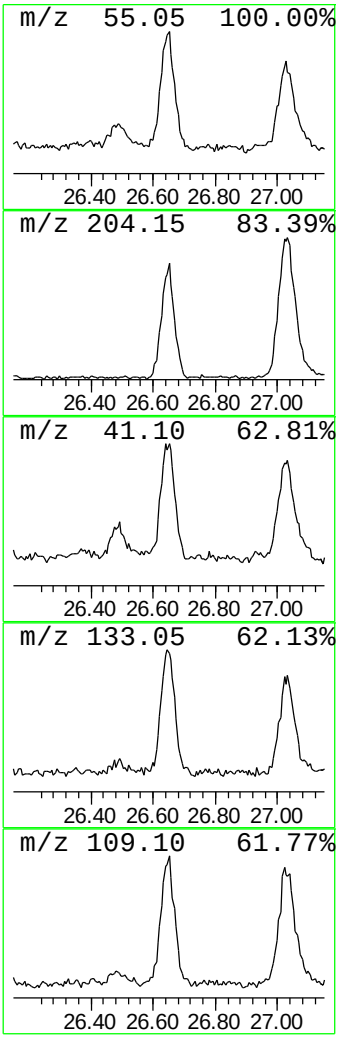
Peak Number 19 unknown26.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.65	43.76 ng	908432	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	43
2	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	38
3	3-Aminophenol, N,O-bis(trifluoro...	301	C10H5F6NO3	959257-40-0	35
4	1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	35
5	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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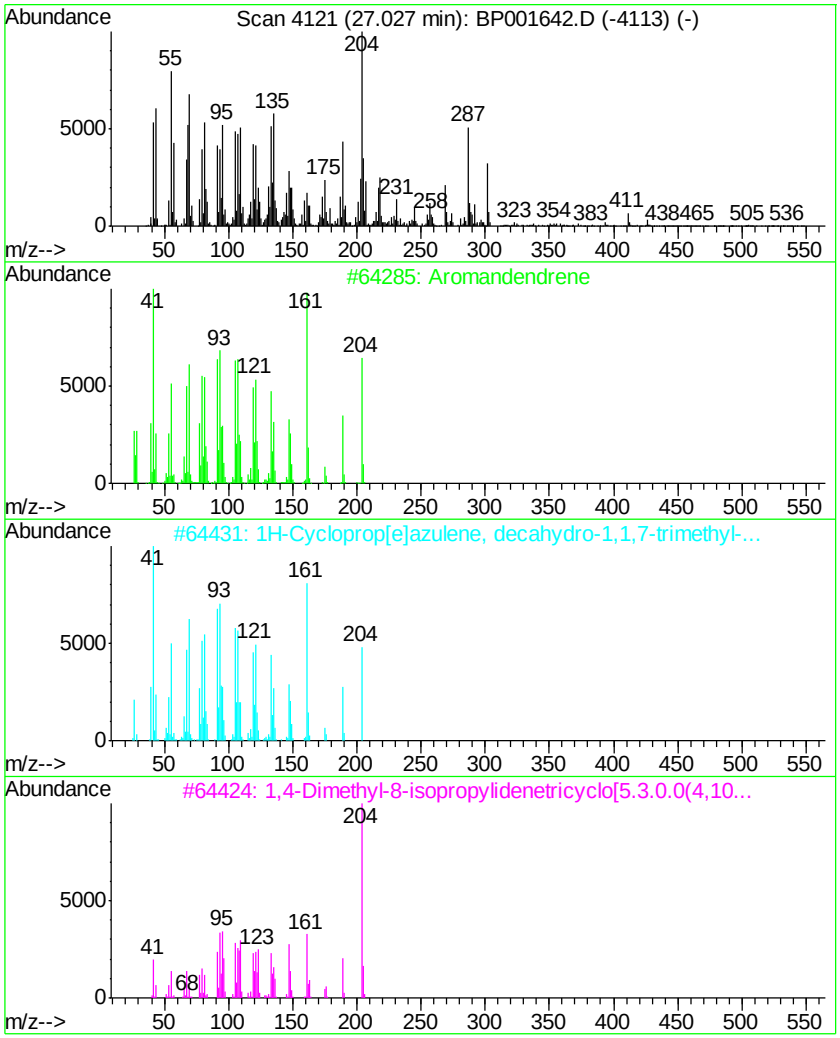
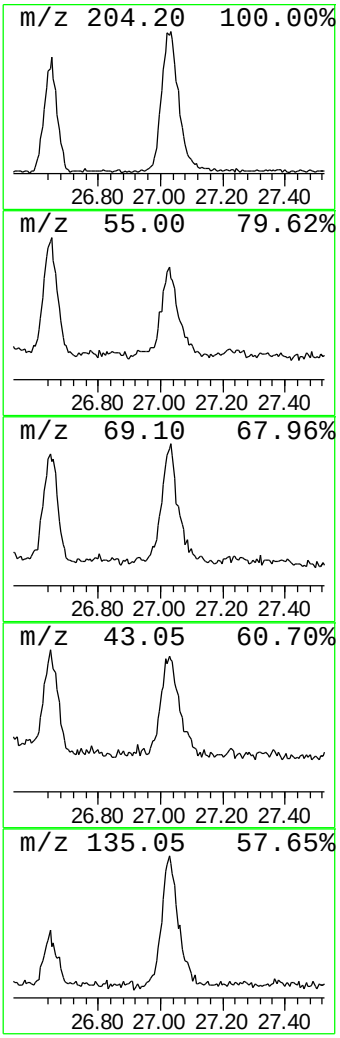
Peak Number 20 Aromandendrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.03	47.13 ng	978350	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aromandendrene	204	C15H24	000489-39-4	78
2	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	62
3	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	58
4	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	53
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011620\
Data File : BP001642.D
Acq On : 16 Jan 2020 23:12
Operator : JU
Sample : L1148-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-31-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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...	2.94	18.1	ng	255484	1	7.63	282211	20.0
2-Pentanone, 4-hy...	4.79	15.7	ng	221272	1	7.63	282211	20.0
1,3,5,7-Cycloocta...	5.65	11.0	ng	155405	1	7.63	282211	20.0
unknown7.17	7.17	81.5	ng	1150310	1	7.63	282211	20.0
(Z)-1-Phenylpropene	7.29	8.5	ng	119471	1	7.63	282211	20.0
Indene	8.16	12.1	ng	171170	1	7.63	282211	20.0
Heptadecane, 9-oc...	17.58	11.3	ng	289695	4	17.04	512574	20.0
Anthracene, 2-met...	17.92	14.3	ng	365126	4	17.04	512574	20.0
Phenanthrene, 2-m...	17.96	18.7	ng	478563	4	17.04	512574	20.0
Phenanthrene, 1-m...	18.10	36.1	ng	926472	4	17.04	512574	20.0
1H-Indene, 2-phenyl-	18.14	14.7	ng	376713	4	17.04	512574	20.0
5,16[1',2']:8,13[...	18.40	9.7	ng	248609	4	17.04	512574	20.0
Phenanthrene, 2,5...	18.82	25.3	ng	648016	4	17.04	512574	20.0
Acephenanthrylene...	18.87	20.4	ng	522162	4	17.04	512574	20.0
9,10-Dimethylanth...	18.95	13.4	ng	344218	4	17.04	512574	20.0
Benzo[e]pyrene	22.87	10.1	ng	208574	6	23.38	415213	20.0
unknown26.65	26.65	43.8	ng	908432	6	23.38	415213	20.0
Aromandendrene	27.03	47.1	ng	978350	6	23.38	415213	20.0