LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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	2.940	18	26	39	rVB2	233632	418232	5.98%	0.475%
2	5.258	415	420	427	rVV	575741	859934	12.30%	0.978%
3	5.658	481	488	508	rBV	790671	1653713	23.66%	1.880%
4	6.834	677	688	692	rVV	633084	1095580	15.67%	1.245%
5	6.875	692	695	710	rVB5	112147	278643	3.99%	0.317%
6	7.175	736	746	759	rVB	637086	1006526	14.40%	1.144%
7	7.305	759	768	776	rBV2	512336	1150500	16.46%	1.308%
8	7.381	776	781	797	rVB	260166	473540	6.77%	0.538%
9	7.628	818	823	830	rBV	175409	270345	3.87%	0.307%
10	7.946	868	877	882	rBV	439432	710334	10.16%	0.807%
11	7.999	882	886	895	rVB	312975	491877	7.04%	0.559%
12	8.163	905	914	929	rBV	695427	1235543	17.67%	1.404%
13	8.775	1013	1018	1024	rVB	395738	671080	9.60%	0.763%
14	8.904	1032	1040	1048	rBV2	100150	241313	3.45%	0.274%
15	9.399	1115	1124	1126	rVV2	107388	205010	2.93%	0.233%
16	9.440	1126	1131	1148	rVB	922703	1617381	23.14%	1.839%
17	9.846	1185	1200	1206	rBV3	200268	524050	7.50%	0.596%
18	9.910	1206	1211	1215	rVV	112580	196725	2.81%	0.224%
19	10.410	1289	1296	1299	rBV	219433	385679	5.52%	0.438%
20	10.463	1299	1305	1312	rVB	2298140	3890144	55.65%	4.422%
21	10.922	1372	1383	1390	rBV	359476	634064	9.07%	0.721%
22	11.057	1399	1406	1416	rBV2	518312	873800	12.50%	0.993%
23	12.081	1571	1580	1592	rVB2	654124	1316271	18.83%	1.496%
24	12.304	1611	1618	1622	rBV	514922	791618	11.32%	0.900%
25	12.516	1650	1654	1665	rVB2	110538	204502	2.93%	0.232%
26	12.898	1713	1719	1727	rVB	707885	1051763	15.04%	1.196%
27	13.104	1749	1754	1764	rBV2	126043	246914	3.53%	0.281%
28	13.198	1764	1770	1775	rBV2	195396	332749	4.76%	0.378%
29	13.445	1801	1812	1819	rBV4	221822	549720	7.86%	0.625%
30	13.516	1819	1824	1827	rBV2	127027	192198	2.75%	0.218%
31	13.592	1832	1837	1843	rVV2	454502	895756	12.81%	1.018%
32	13.657	1843	1848	1854	rVV2	151761	256889	3.67%	0.292%
33	13.734	1854	1861	1867	rVB2	225244	422445	6.04%	0.480%
34	13.839	1874	1879	1882	rBV	142734	202967	2.90%	0.231%

LSC Area Percent Report

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Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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	13.998	1899	1906	1913	rBV	757450	1250638	17.89%	1.422%
36	14.163	1924	1934	1937	rBV8	97474	240545	3.44%	0.273%
37	14.281	1947	1954	1959	rBV2	340362	563641	8.06%	0.641%
38	14.345	1959	1965	1969	rBV	230716	347879	4.98%	0.395%
39	14.687	2015	2023	2028	rVB2	191334	340407	4.87%	0.387%
40	14.910	2054	2061	2066	rBV4	131580	314892	4.50%	0.358%
41	15.175	2100	2106	2110	rVB2	207330	358335	5.13%	0.407%
42	15.339	2128	2134	2140	rBV	551977	844617	12.08%	0.960%
43	15.586	2165	2176	2180	rVB3	162671	383725	5.49%	0.436%
44	15.639	2180	2185	2188	rBV	138483	232632	3.33%	0.264%
45	15.751	2198	2204	2205	rBV4	140534	206564	2.95%	0.235%
46	15.786	2205	2210	2218	rVB2	814343	1261744	18.05%	1.434%
47	15.886	2222	2227	2231	rVV2	153808	239462	3.43%	0.272%
48	16.045	2247	2254	2256	rBV2	428574	623087	8.91%	0.708%
49	16.069	2256	2258	2263	rVB	340349	424971	6.08%	0.483%
50	16.451	2319	2323	2327	rVB4	137415	230759	3.30%	0.262%
51	16.504	2328	2332	2337	rVB3	143989	206275	2.95%	0.234%
52	16.845	2386	2390	2396	rBV2	795679	1393938	19.94%	1.585%
53	16.898	2396	2399	2403	rVB	502251	632792	9.05%	0.719%
54	17.045	2420	2424	2427	rBV	356952	507795	7.26%	0.577%
55	17.092	2427	2432	2437	rVB	2007207	2859771	40.91%	3.251%
56	17.180	2443	2447	2453	rVB	834168	1124919	16.09%	1.279%
57	17.510	2500	2503	2507	rVB	220620	287779	4.12%	0.327%
58	17.586	2512	2516	2520	rVV2	916987	1203351	17.21%	1.368%
59	17.633	2520	2524	2528	rVV	367804	471830	6.75%	0.536%
60	17.775	2544	2548	2555	rVB2	330418	569783	8.15%	0.648%
61	17.927	2570	2574	2579	rBV2	502029	834839	11.94%	0.949%
62	17.975	2579	2582	2587	rVB	620102	840096	12.02%	0.955%
63	18.051	2593	2595	2599	rVB	267354	290317	4.15%	0.330%
64	18.116	2601	2606	2610	rVV2	1012929	1935427	27.69%	2.200%
65	18.151	2610	2612	2621	rVB2	543715	843264	12.06%	0.959%
66	18.275	2629	2633	2637	rBV	902599	1079323	15.44%	1.227%
67	18.322	2638	2641	2646	rVB	248395	369907	5.29%	0.420%
68	18.422	2654	2658	2661	rVB2	392534	486741	6.96%	0.553%
69	18.639	2691	2695	2697	rBV	293086	442118	6.32%	0.503%
70	18.722	2705	2709	2713	rBV2	469341	727535	10.41%	0.827%
71	18.839	2725	2729	2733	rBV	632100	899819	12.87%	1.023%

LSC Area Percent Report

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Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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

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

72	18.886	2733	2737	2743	rVV3	834764	1211311	17.33%	1.377%
73	19.039	2761	2763	2768	rVB4	296082	371927	5.32%	0.423%
74	19.098	2768	2773	2778	rBV	2223410	3182289	45.52%	3.617%
75	19.151	2779	2782	2786	rVV3	643238	806679	11.54%	0.917%
76	19.327	2808	2812	2815	rVB	445304	576717	8.25%	0.656%
77	19.445	2824	2832	2839	rVB	3263716	4809586	68.80%	5.467%
78	19.610	2857	2860	2861	rBV2	230903	267893	3.83%	0.305%
79	19.639	2861	2865	2869	rVB	980860	1193468	17.07%	1.357%
80	19.863	2897	2903	2906	rBV	5286425	6990878	100.00%	7.947%
81	19.927	2911	2914	2917	rVB2	581458	742865	10.63%	0.844%
82	20.022	2927	2930	2934	rVB	526226	636712	9.11%	0.724%
83	20.080	2937	2940	2946	rVB	553311	704921	10.08%	0.801%
84	20.210	2959	2962	2965	rBV	429217	494295	7.07%	0.562%
85	20.251	2966	2969	2974	rVB2	489563	674376	9.65%	0.767%
86	20.810	3062	3064	3068	rVB	434458	472276	6.76%	0.537%
87	20.851	3068	3071	3074	rVB	293069	279907	4.00%	0.318%
88	21.151	3117	3122	3126	rBV2	1502305	2615274	37.41%	2.973%
89	21.198	3127	3130	3140	rVB	1473182	1935397	27.68%	2.200%
90	21.274	3141	3143	3147	rVB2	225632	235222	3.36%	0.267%
91	21.710	3214	3217	3220	rVB	416446	488465	6.99%	0.555%
92	21.757	3223	3225	3231	rVB2	301948	366214	5.24%	0.416%
93	21.904	3247	3250	3253	rBV2	260232	337368	4.83%	0.383%
94	22.739	3385	3392	3401	rBV2	703066	2087938	29.87%	2.373%
95	22.898	3415	3419	3426	rVB	216449	372916	5.33%	0.424%
96	23.204	3466	3471	3479	rVB	582690	1121309	16.04%	1.275%
97	23.304	3482	3488	3495	rVV	864670	1635561	23.40%	1.859%
98	23.392	3500	3503	3508	rVB	207922	322834	4.62%	0.367%
99	25.651	3880	3887	3900	rVB3	344721	1036713	14.83%	1.178%
100	26.351	3999	4006	4018	rVB2	269406	781886	11.18%	0.889%

Sum of corrected areas: 87972519

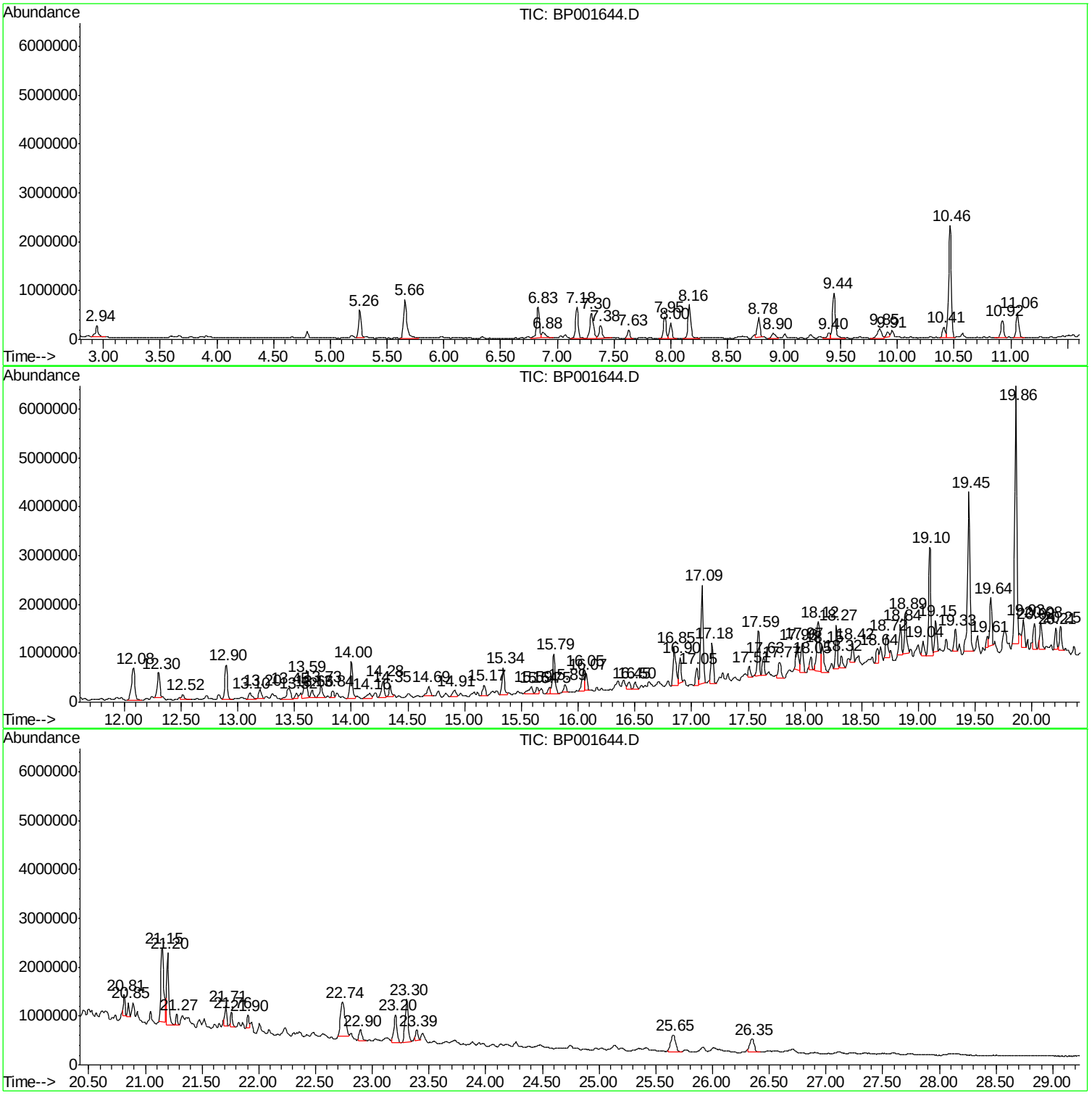
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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

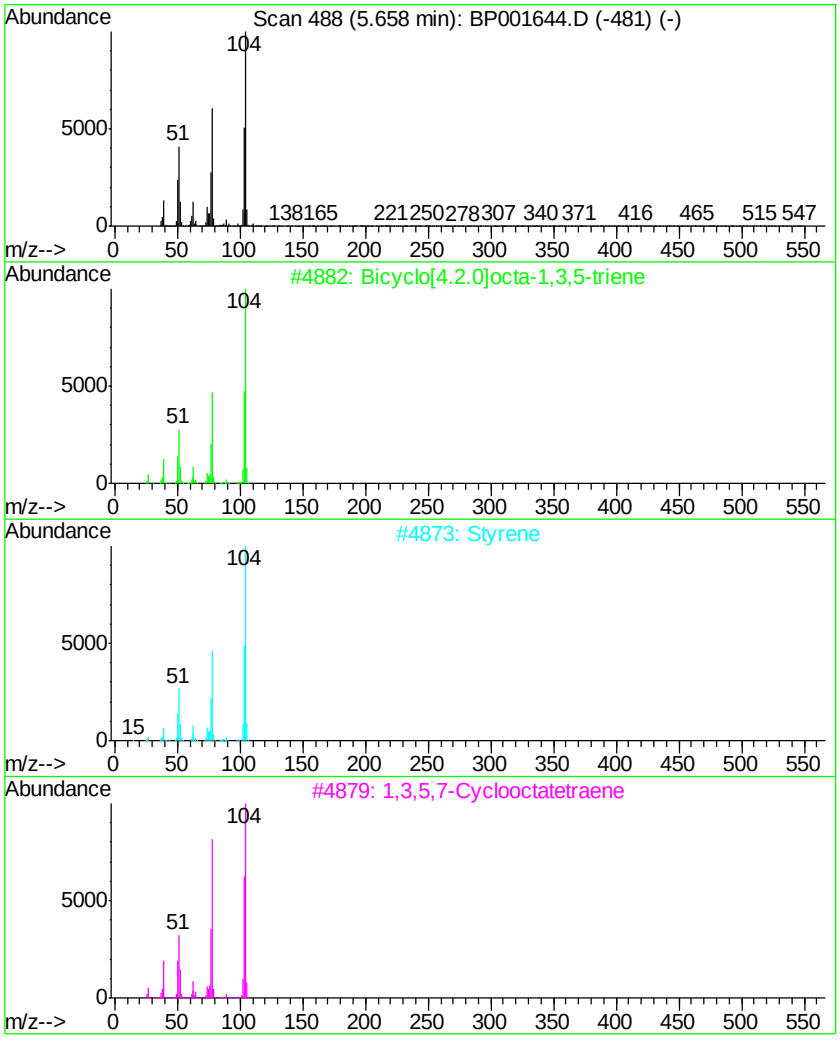
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

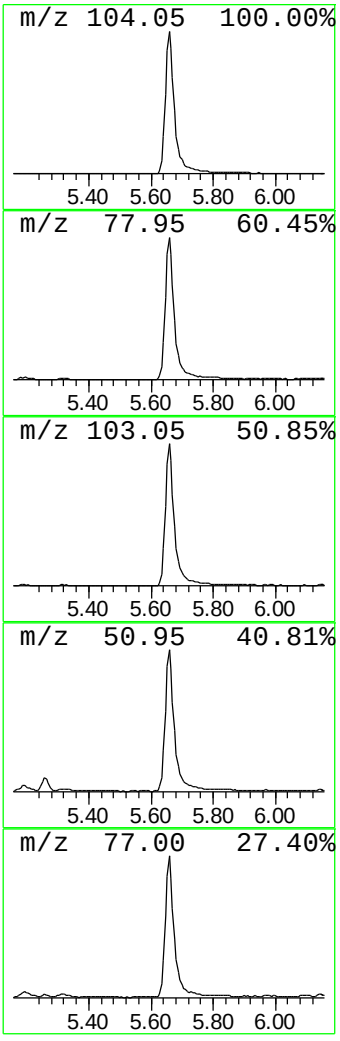
****

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	122.34 ng	1653710	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2	Styrene	104	C8H8	000100-42-5	96
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	59
5	2,4-Hexadiyne	78	C6H6	002809-69-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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

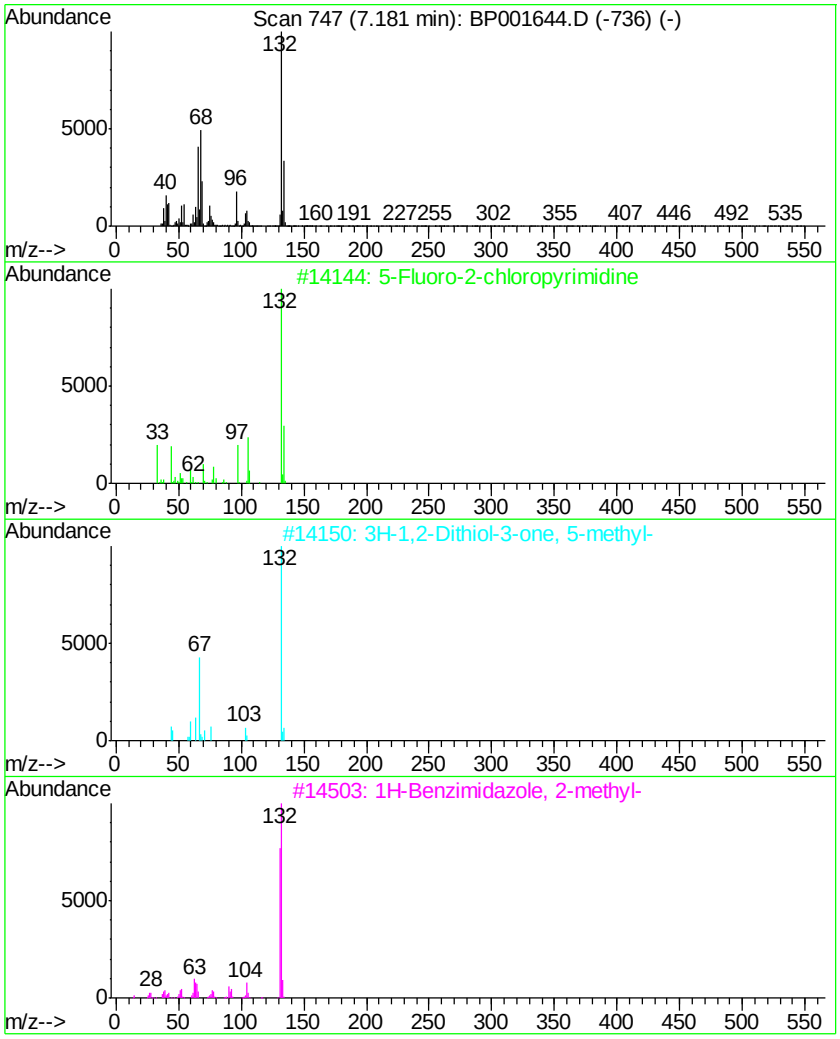
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

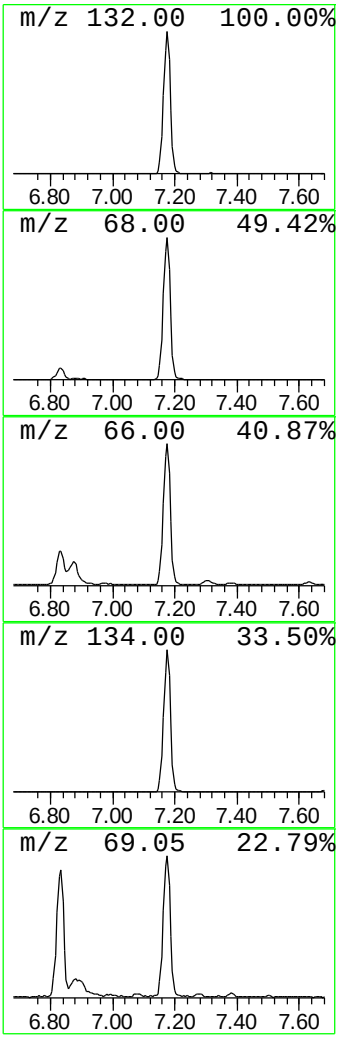
****

Peak Number 2 unknown7.18 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	74.46 ng	1006530	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
2	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Library Search Compound Report

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Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
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Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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
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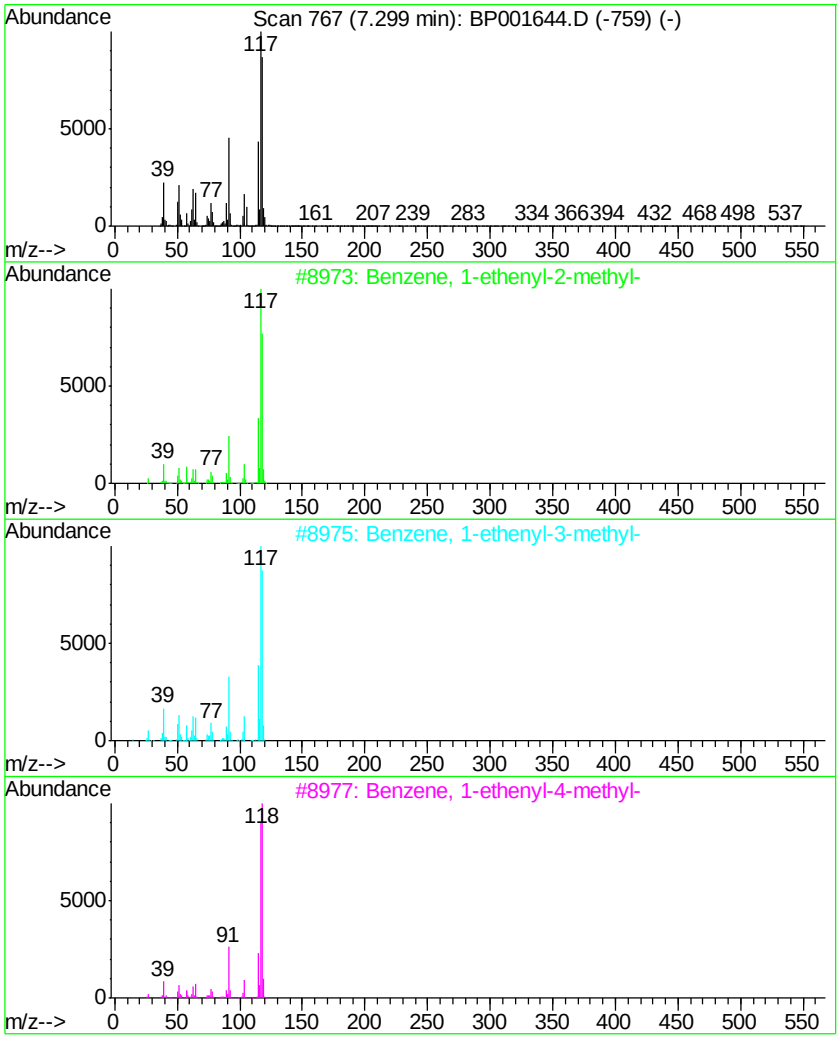
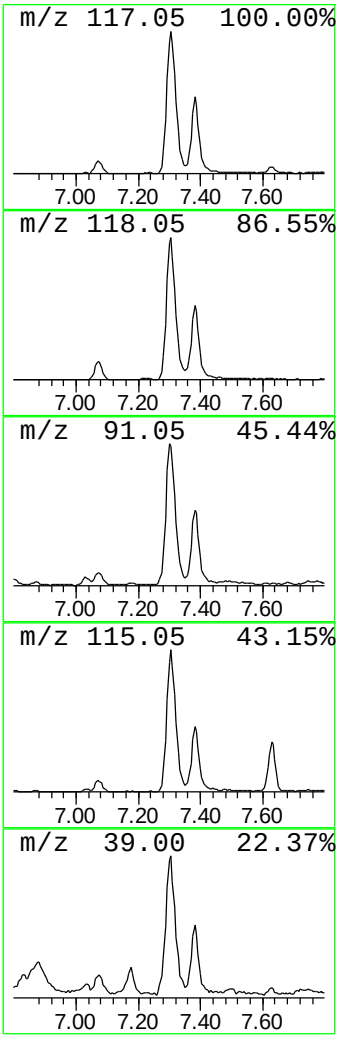
****

Peak Number 3 Benzene, 1-ethenyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	85.11 ng	1150500	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

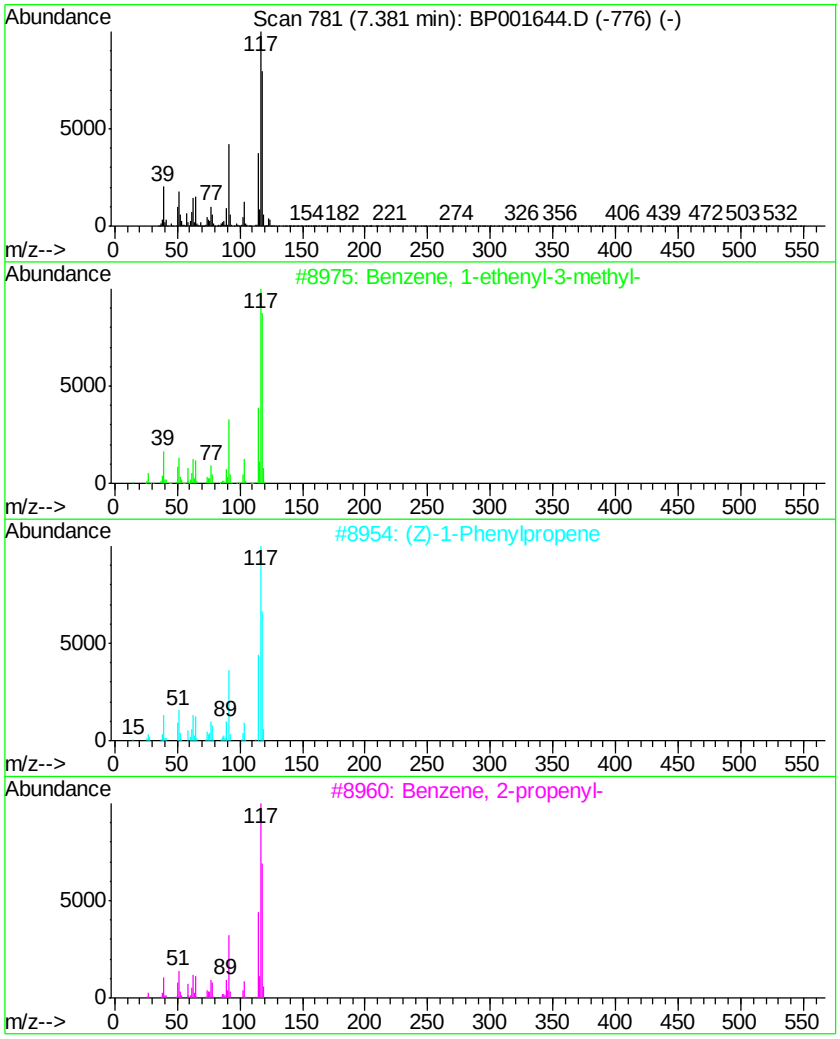
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

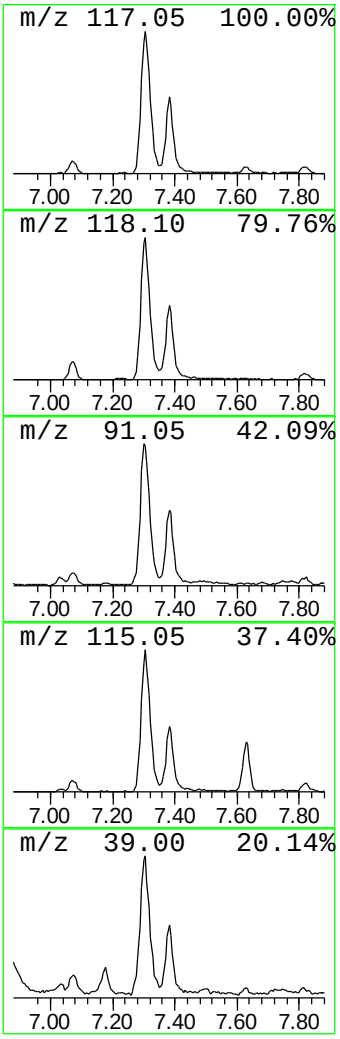
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	35.03 ng	473540	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	93
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	91
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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

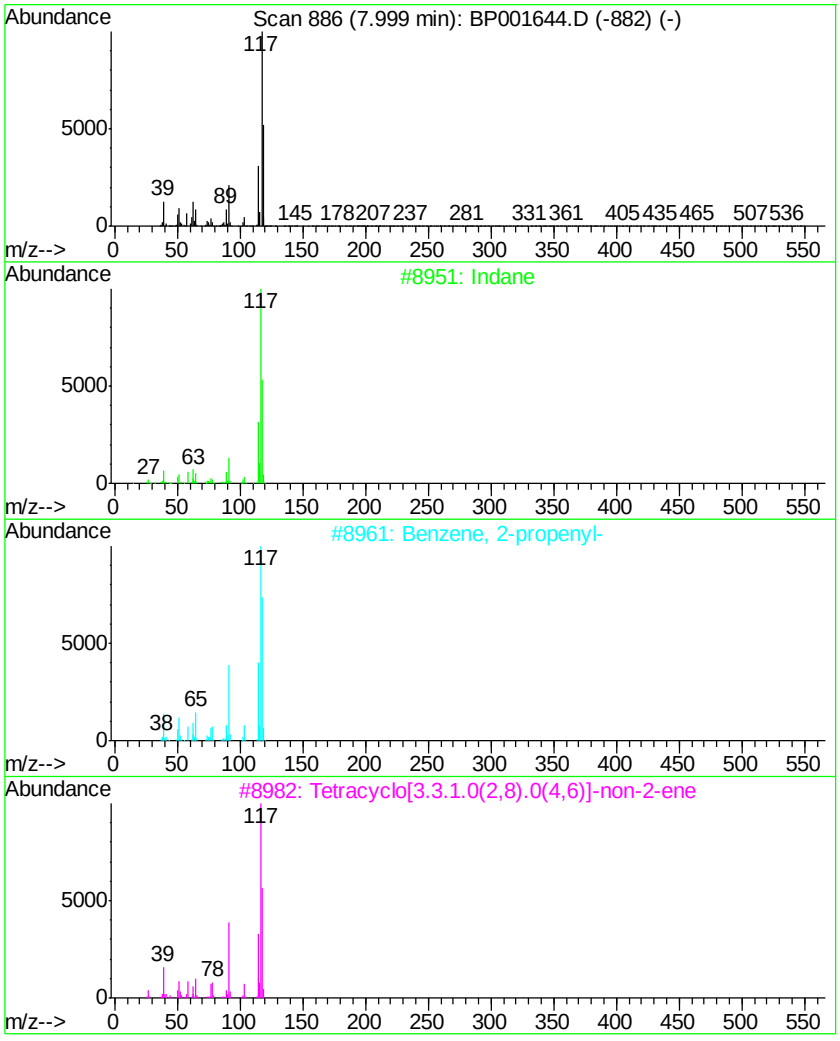
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

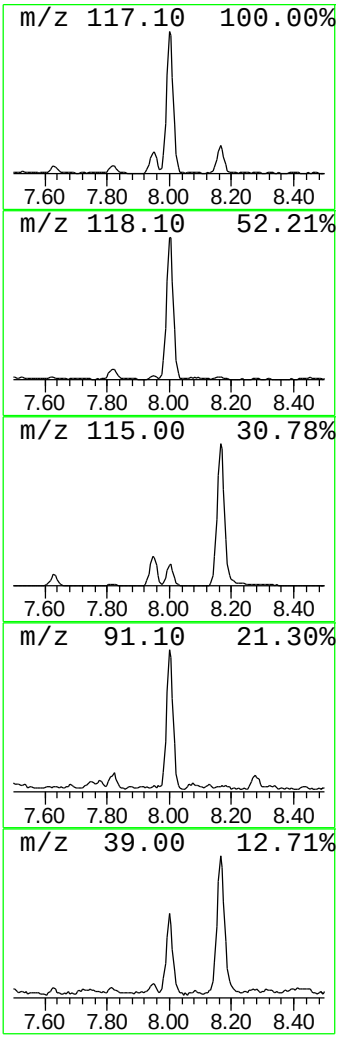
****

Peak Number 6 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	36.39 ng	491877	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	68
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59





Library Search Compound Report

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Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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

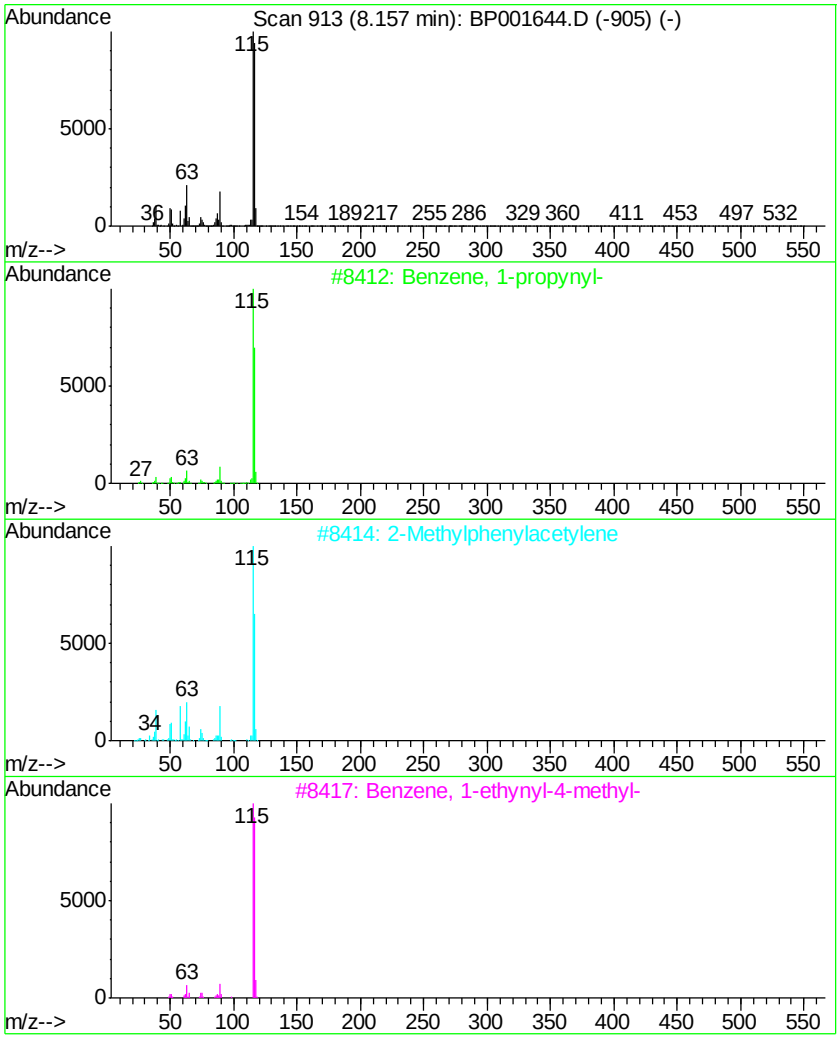
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

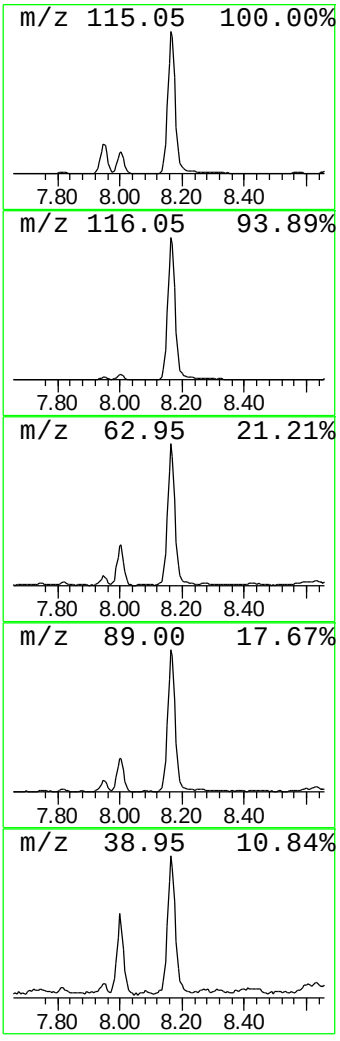
****

Peak Number 7 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	91.40 ng	1235540	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Indene	116	C9H8	000095-13-6	90





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Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

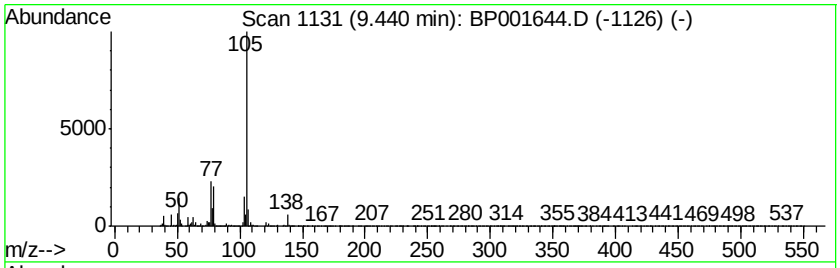
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

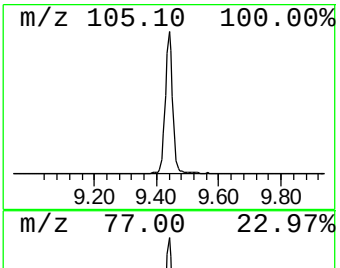
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-(bromomethyl)-4-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	83.87 ng	1617380	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	78
2	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	78
3	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	78
4	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	78
5	1,3,5-Cycloheptatriene, 7,7-dime...	120	C9H12	007557-11-1	72





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Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

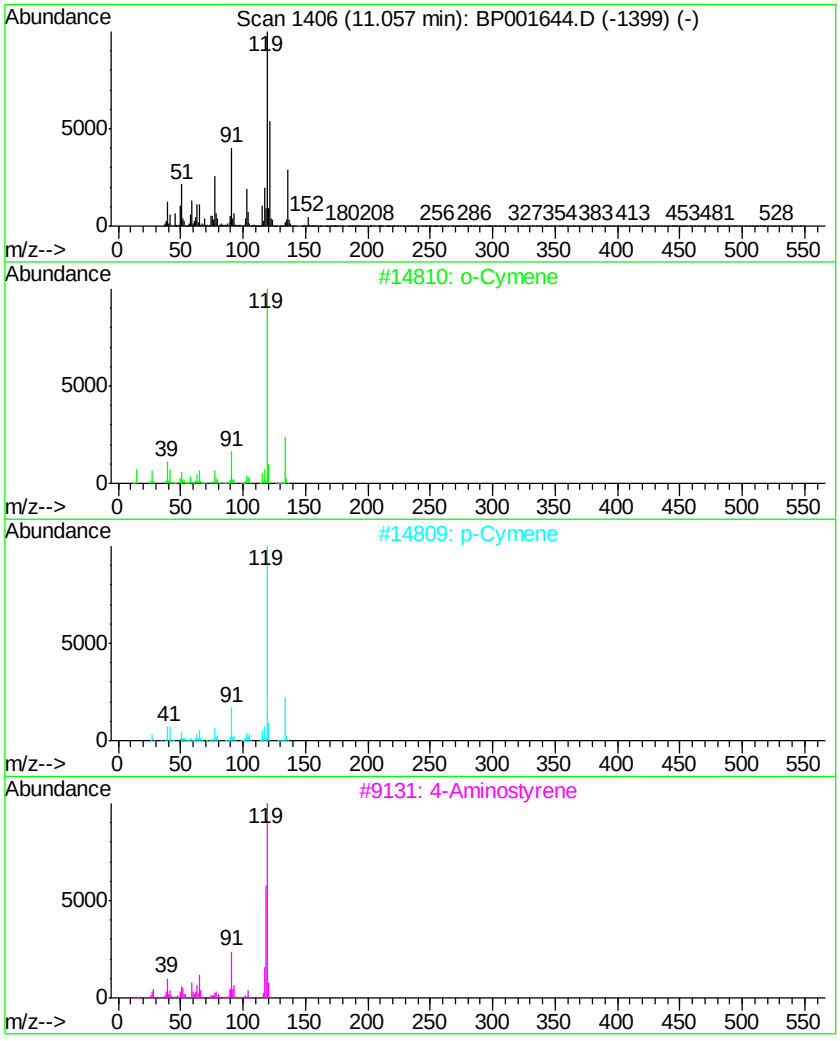
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

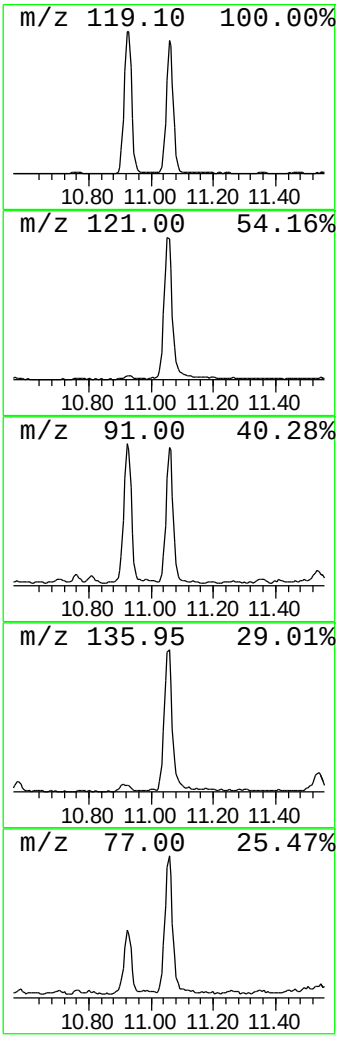
****

Peak Number 9 unknown11.06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	45.31 ng	873800	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	49
2	p-Cymene	134	C10H14	000099-87-6	46
3	4-Aminostyrene	119	C8H9N	001520-21-4	46
4	Benzene, isocyanato-	119	C7H5NO	000103-71-9	38
5	Benzoic acid, 4-methyl-, 2-methy...	192	C12H16O2	029240-30-0	38





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Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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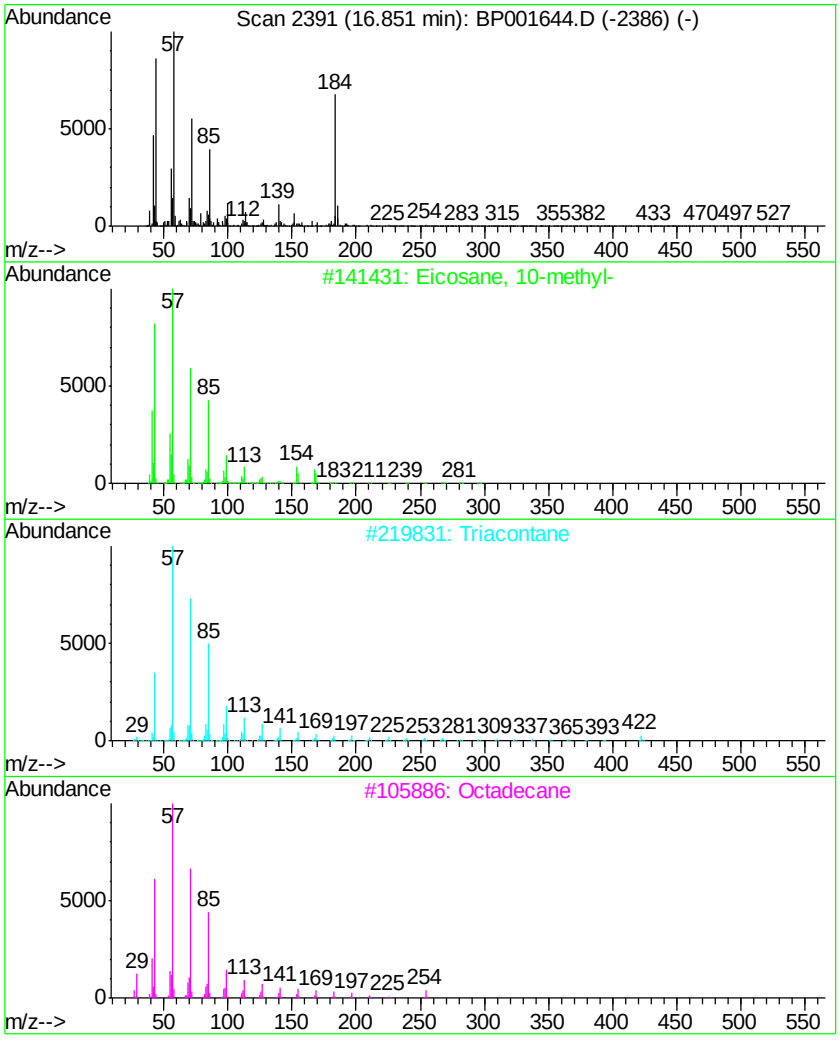
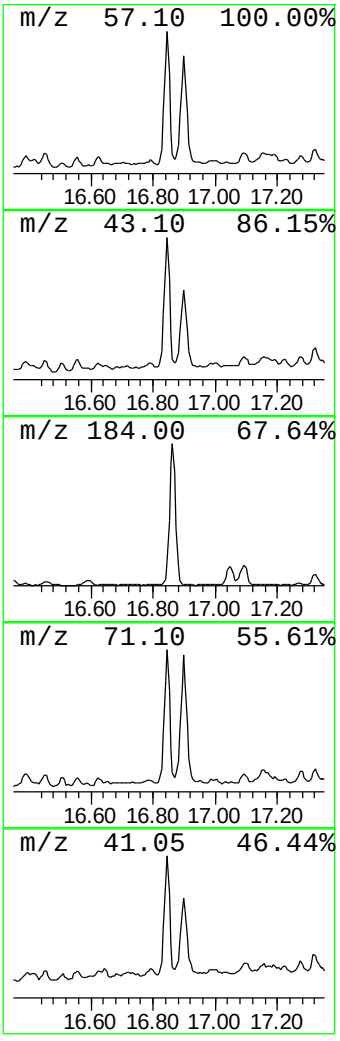
Peak Number 10 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	54.90 ng	1393940	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Triacontane	422	C30H62	000638-68-6	89
3	Octadecane	254	C18H38	000593-45-3	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heneicosane	296	C21H44	000629-94-7	86





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Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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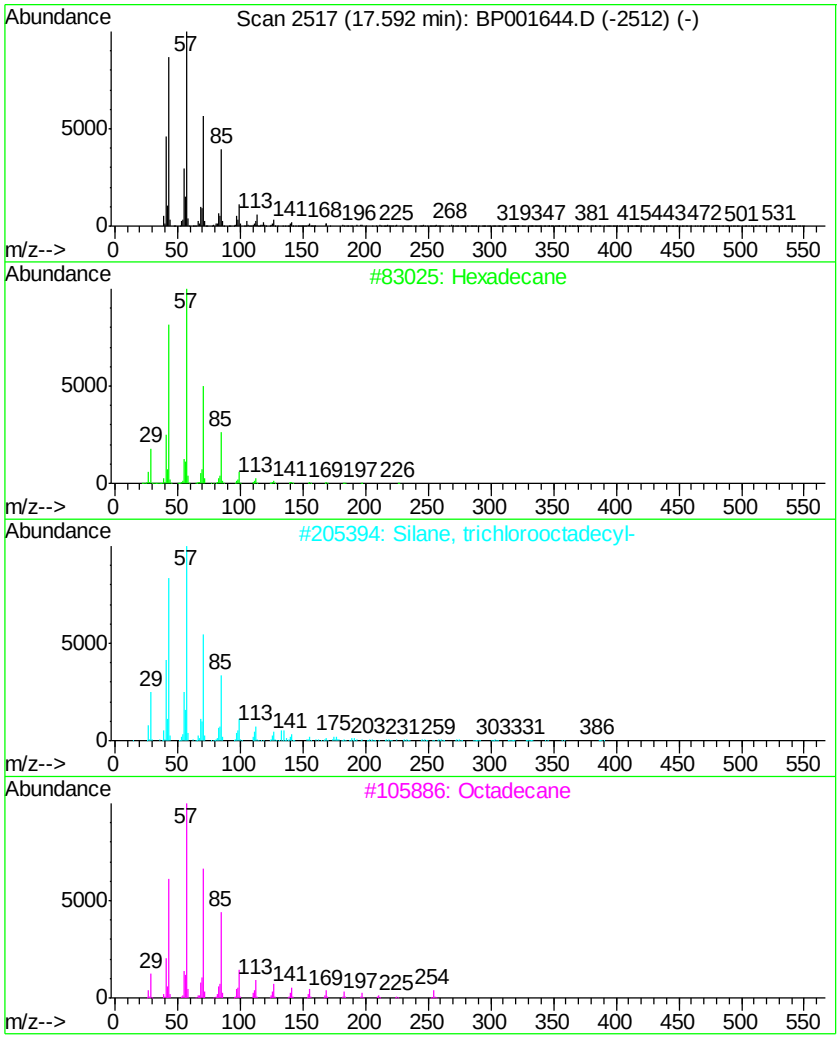
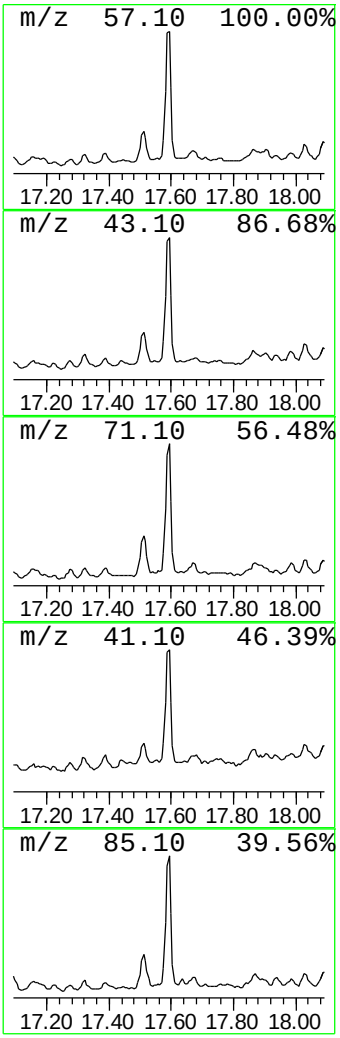
Peak Number 11 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	47.40 ng	1203350	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	94
3	Octadecane	254	C18H38	000593-45-3	91
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





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Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

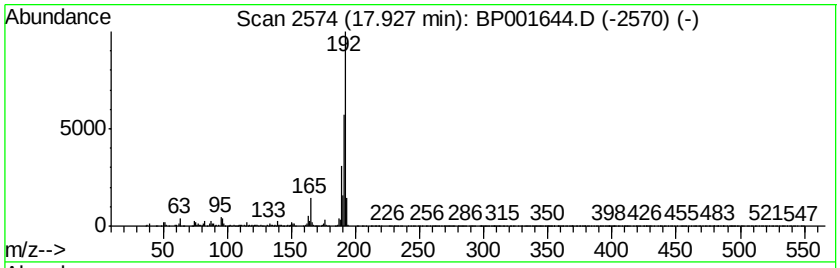
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

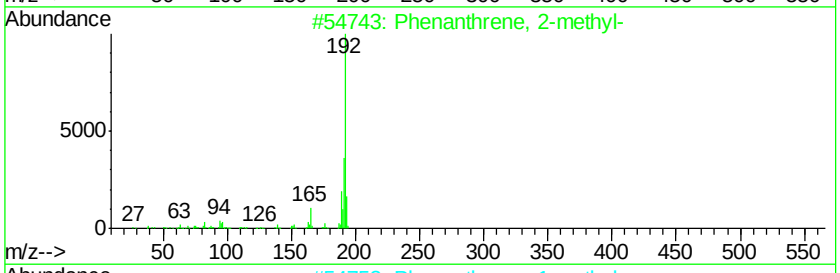
****

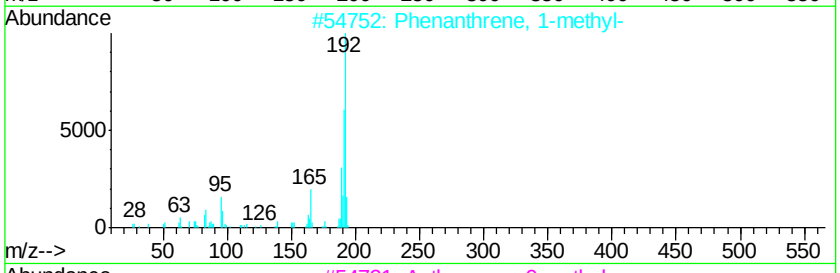
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 20

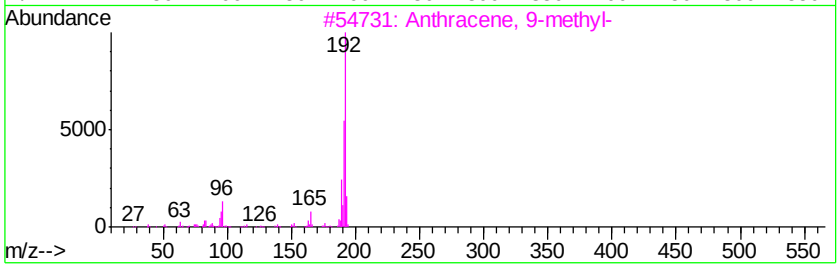
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	32.88 ng	834839	Phenanthrene-d10	17.05

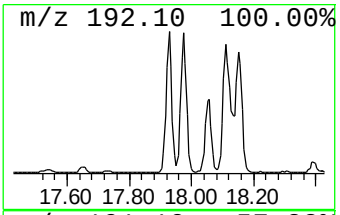
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91

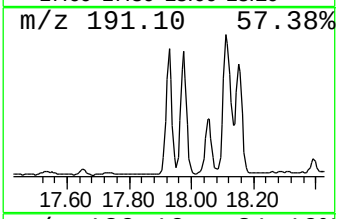


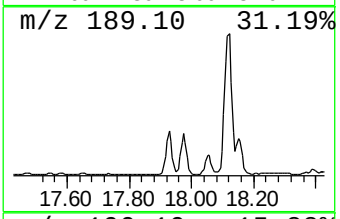


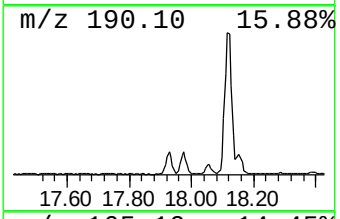


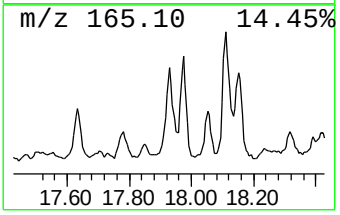












Library Search Compound Report

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Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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

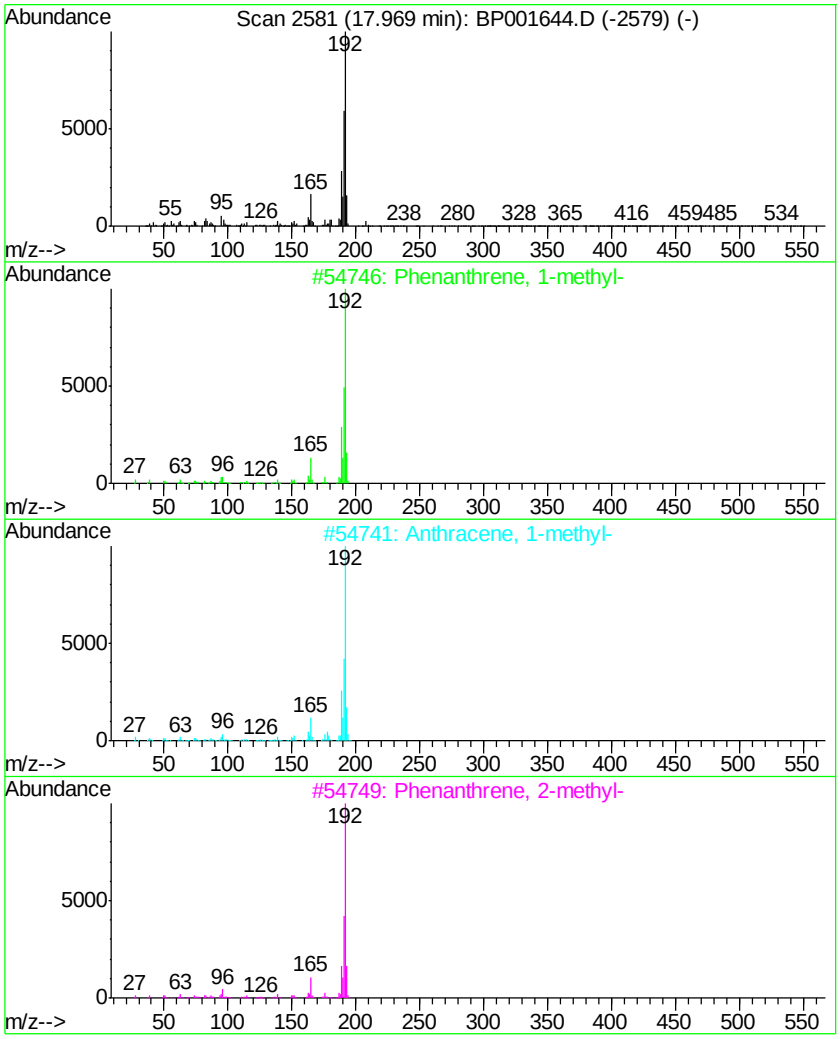
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

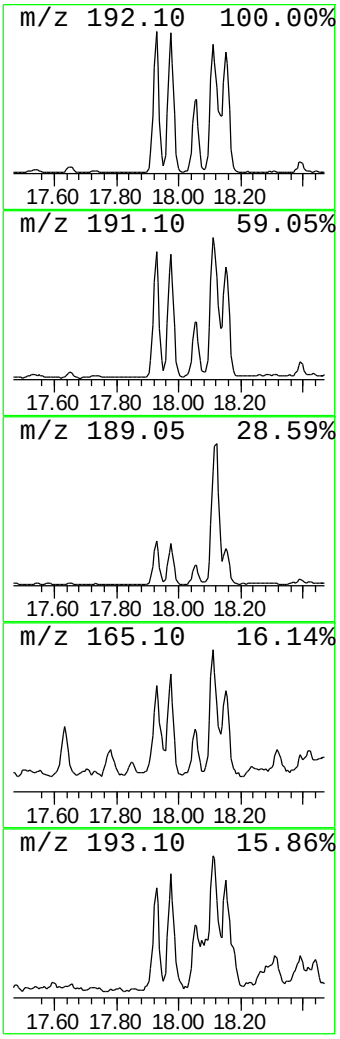
****

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	33.09 ng	840096	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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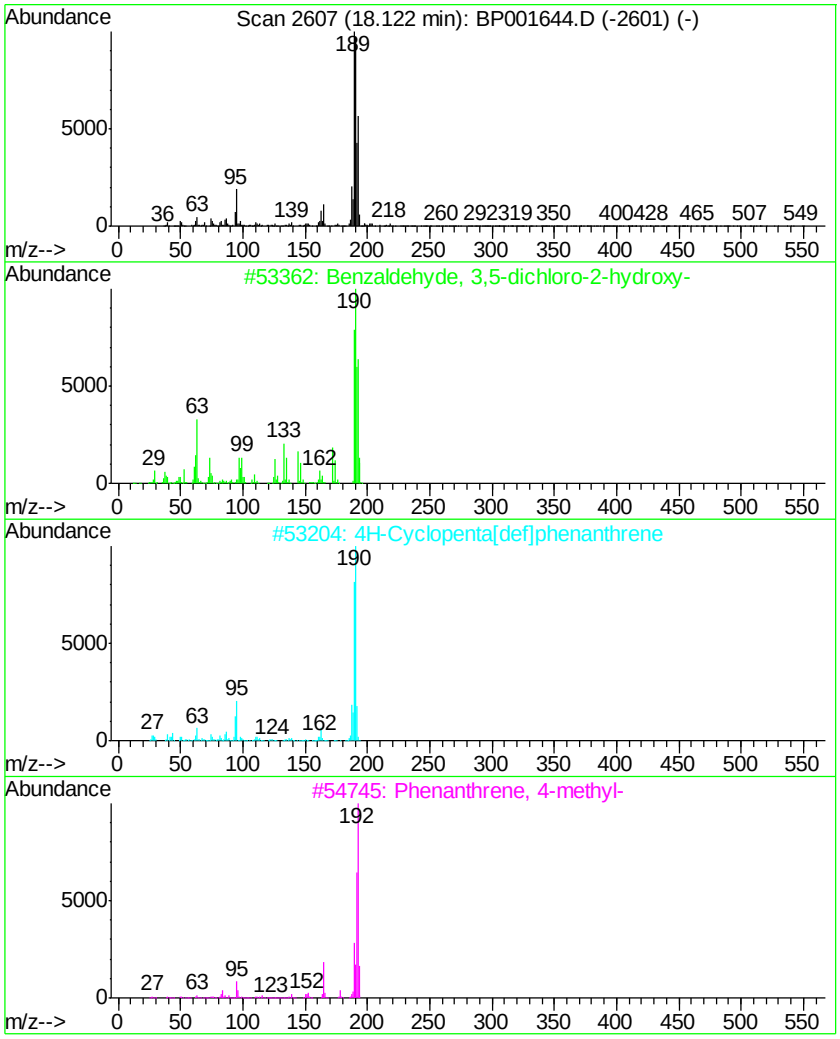
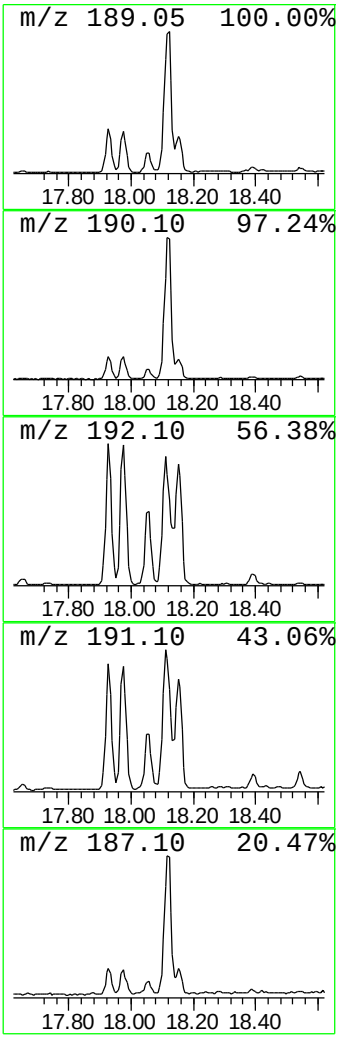
Peak Number 14 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	76.23 ng	1935430	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	41
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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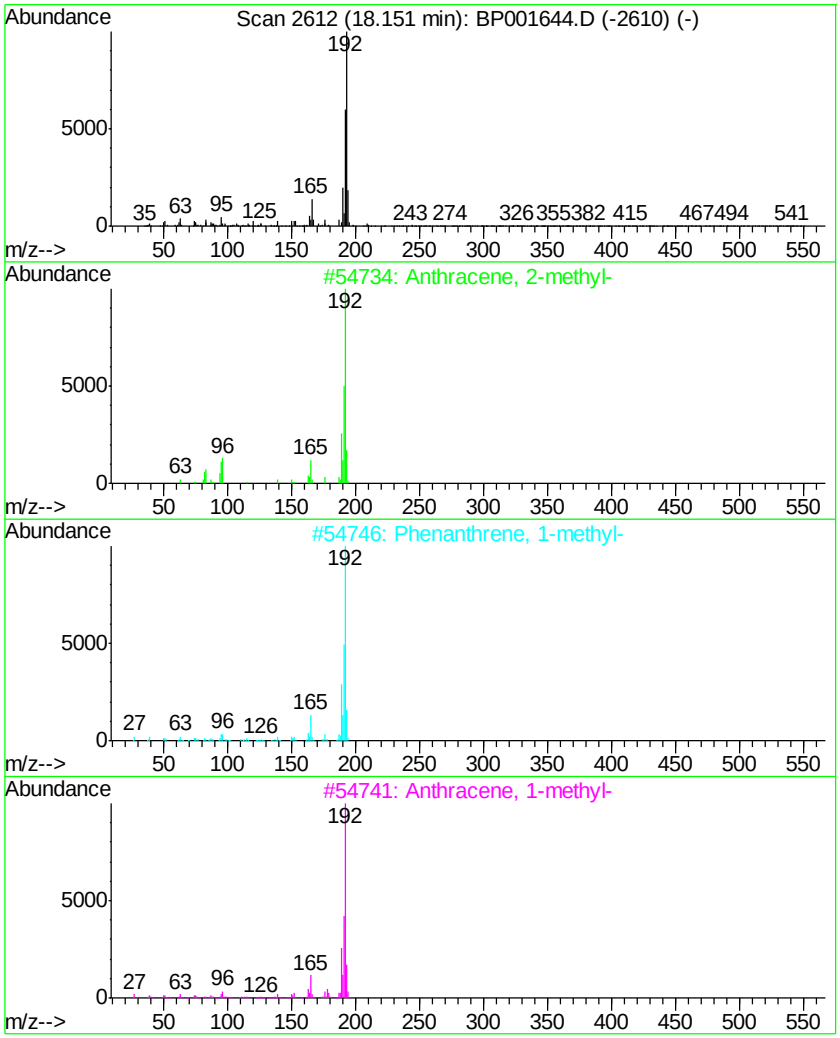
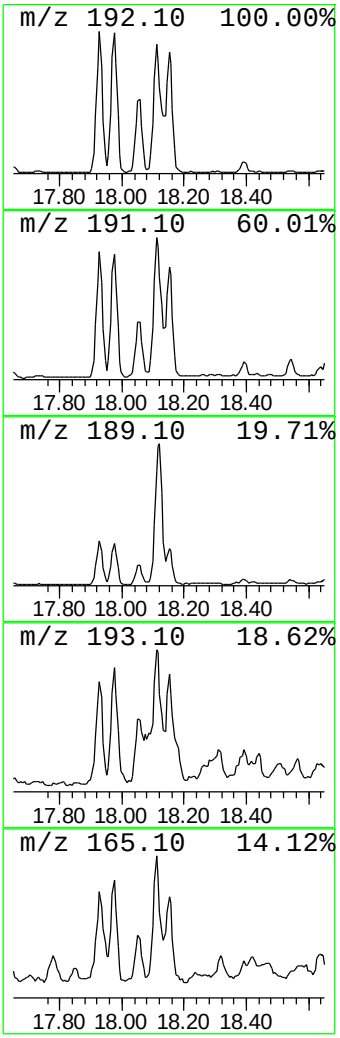
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	33.21 ng	843264	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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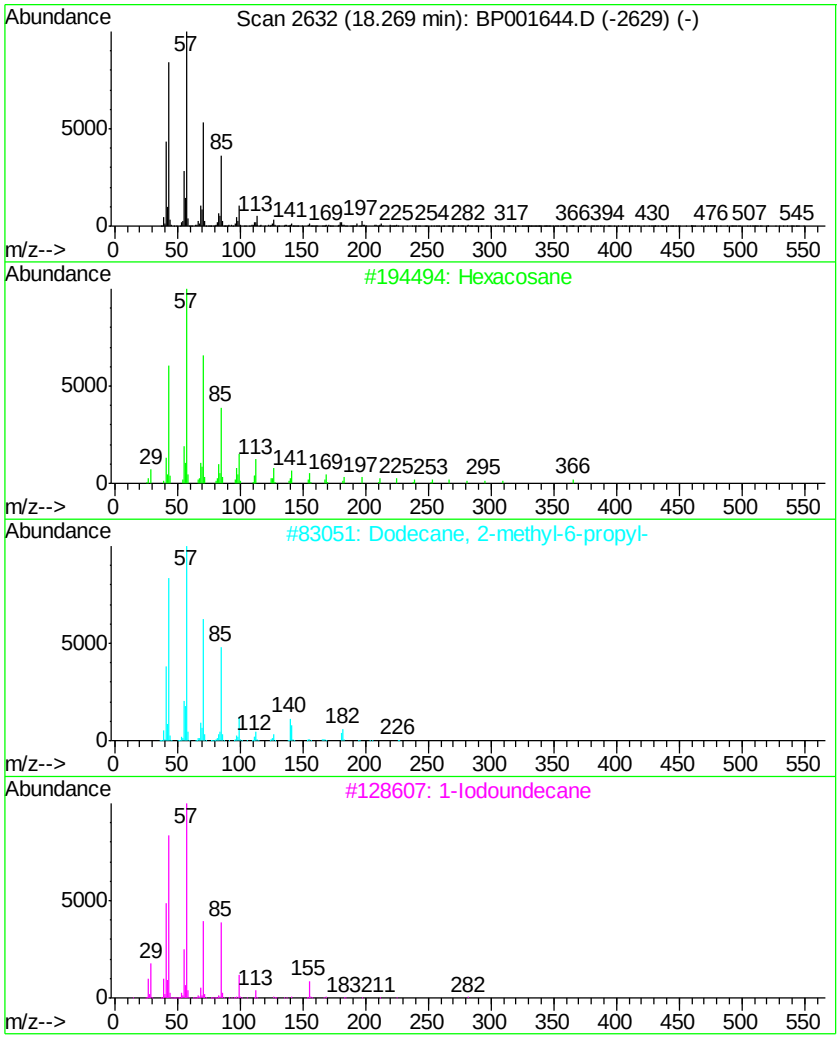
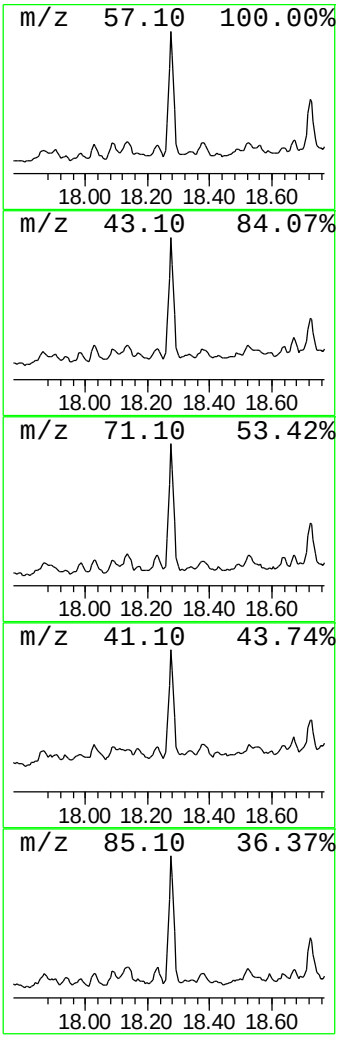
Peak Number 16 Hexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	42.51 ng	1079320	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
3	1-Iodoundecane	282	C11H23I	004282-44-4	93
4	Hexadecane	226	C16H34	000544-76-3	93
5	Octadecane	254	C18H38	000593-45-3	90





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Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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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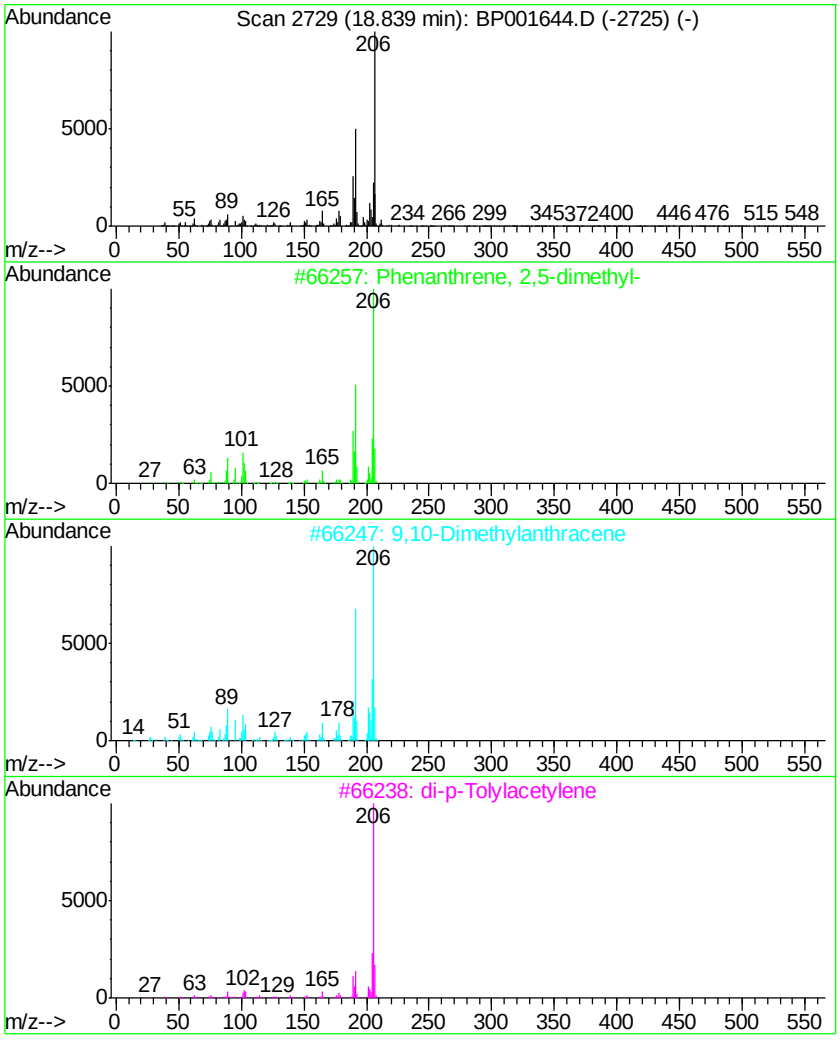
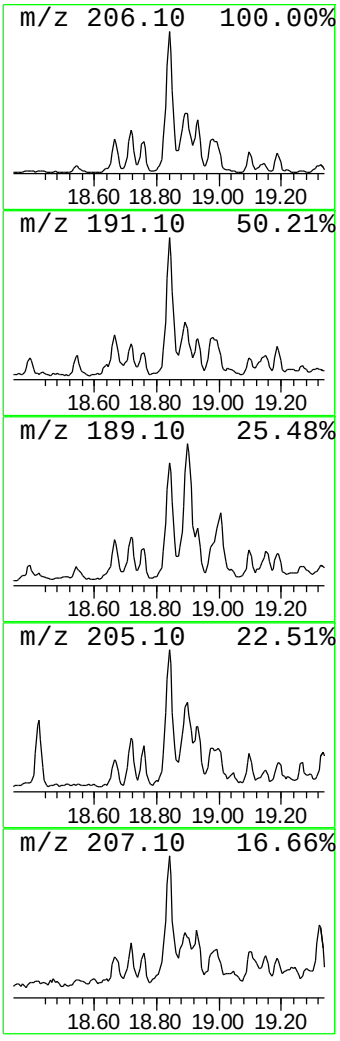
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	35.44 ng	899819	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





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Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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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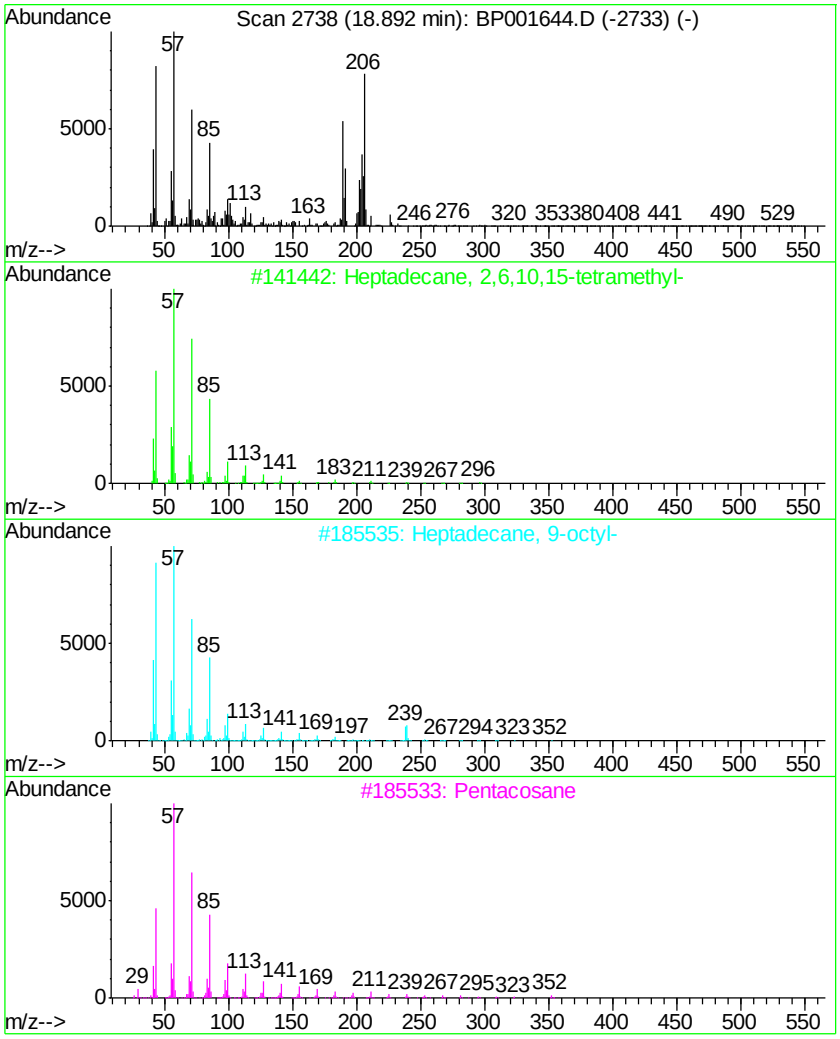
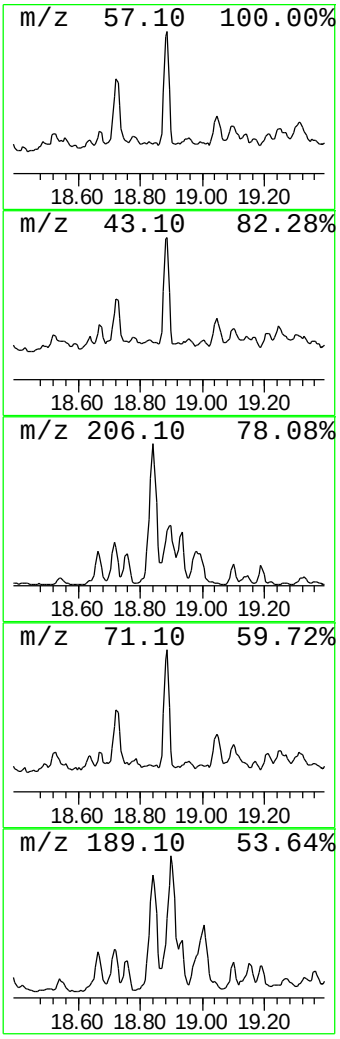
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	47.71 ng	1211310	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Hexadecane	226	C16H34	000544-76-3	86
5	Eicosane	282	C20H42	000112-95-8	83





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Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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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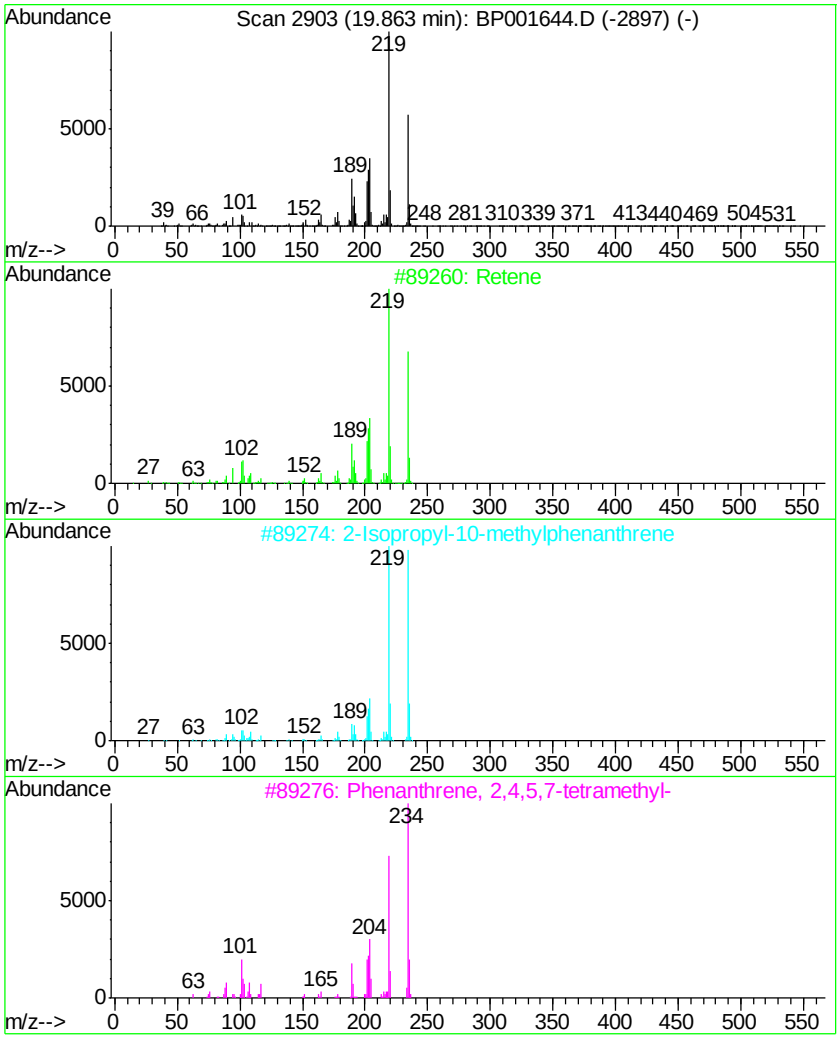
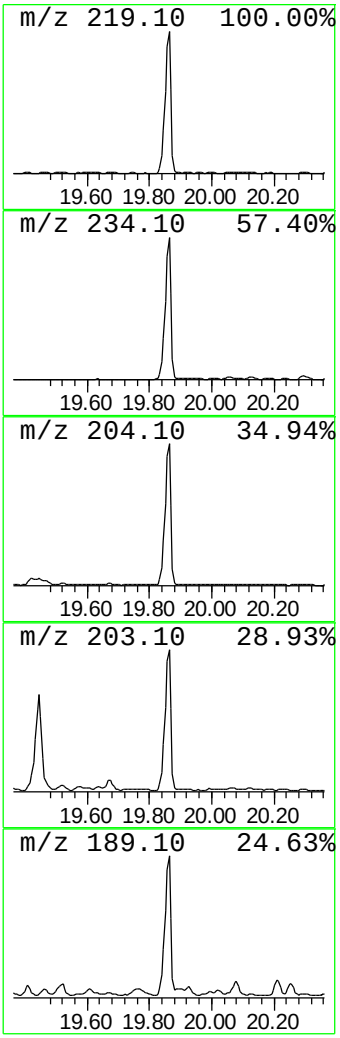
Peak Number 19 Retene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	53.46 ng	6990880	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	68
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	64
5	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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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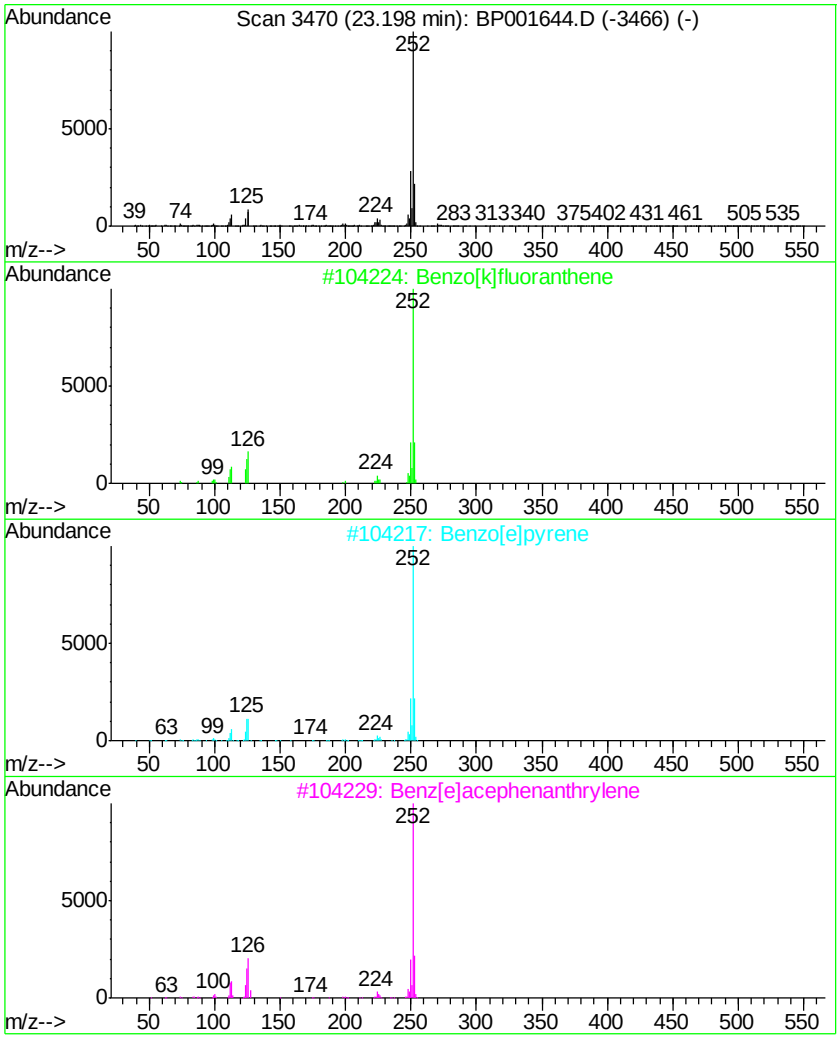
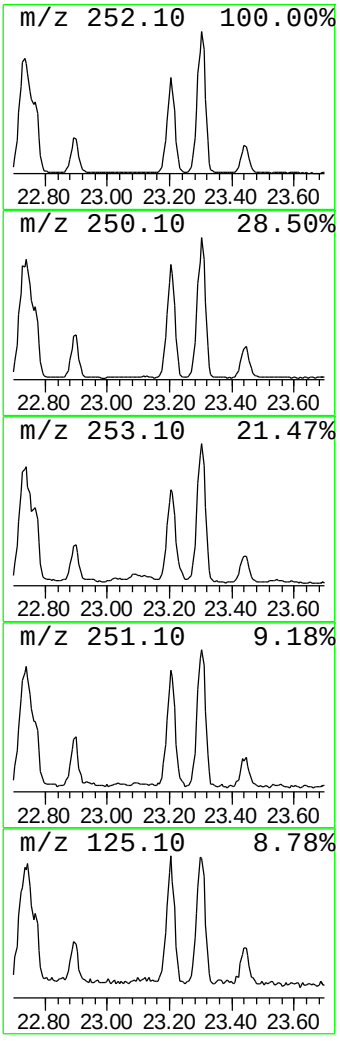
Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	69.47 ng	1121310	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011620\
Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13-(4-6)

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
Bicyclo[4.2.0]oct...	5.66	122.3	ng	1653710	1	7.63	270345	20.0
unknown7.18	7.18	74.5	ng	1006530	1	7.63	270345	20.0
Benzene, 1-etheny...	7.30	85.1	ng	1150500	1	7.63	270345	20.0
Benzene, 1-etheny...	7.38	35.0	ng	473540	1	7.63	270345	20.0
Indane	8.00	36.4	ng	491877	1	7.63	270345	20.0
Benzene, 1-propynyl-	8.16	91.4	ng	1235540	1	7.63	270345	20.0
Benzene, 1-(bromo...	9.44	83.9	ng	1617380	2	10.41	385679	20.0
unknown11.06	11.06	45.3	ng	873800	2	10.41	385679	20.0
Eicosane, 10-methyl-	16.85	54.9	ng	1393940	4	17.05	507795	20.0
Hexadecane	17.59	47.4	ng	1203350	4	17.05	507795	20.0
Phenanthrene, 2-m...	17.93	32.9	ng	834839	4	17.05	507795	20.0
Phenanthrene, 1-m...	17.97	33.1	ng	840096	4	17.05	507795	20.0
Benzaldehyde, 3,5...	18.12	76.2	ng	1935430	4	17.05	507795	20.0
Anthracene, 2-met...	18.15	33.2	ng	843264	4	17.05	507795	20.0
Hexacosane	18.27	42.5	ng	1079320	4	17.05	507795	20.0
Phenanthrene, 2,5...	18.84	35.4	ng	899819	4	17.05	507795	20.0
Heptadecane, 2,6,...	18.89	47.7	ng	1211310	4	17.05	507795	20.0
Retene	19.86	53.5	ng	6990880	5	21.16	2615270	20.0
Benzo[e]pyrene	23.20	69.5	ng	1121310	6	23.39	322834	20.0