LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

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-BP010320.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	17	22	32	rBV4	14613	39055	3.01%	0.257%
2	3.005	32	37	45	rVB	68098	108318	8.34%	0.713%
3	4.869	349	354	361	rVB	82805	111254	8.57%	0.733%
4	5.316	424	430	438	rBV	378466	537664	41.42%	3.541%
5	6.881	688	696	707	rBV	404031	634525	48.88%	4.179%
6	7.228	747	755	763	rBV	391549	604228	46.54%	3.980%
7	7.681	825	832	843	rVB	267503	415618	32.01%	2.738%
8	7.999	879	886	894	rBV	306513	485468	37.39%	3.198%
9	8.828	1019	1027	1034	rVB	240569	374645	28.86%	2.468%
10	9.751	1177	1184	1188	rBV5	7709	15318	1.18%	0.101%
11	10.457	1294	1304	1310	rBV	302079	499817	38.50%	3.292%
12	10.504	1310	1312	1319	rVB3	11561	16854	1.30%	0.111%
13	11.516	1479	1484	1492	rBV9	5508	14841	1.14%	0.098%
14	11.916	1546	1552	1556	rBV2	11192	18275	1.41%	0.120%
15	12.128	1581	1588	1597	rVB5	11950	25984	2.00%	0.171%
16	12.940	1720	1726	1733	rBV	486654	689029	53.07%	4.538%
17	13.175	1763	1766	1771	rVB	19665	25775	1.99%	0.170%
18	13.487	1815	1819	1828	rBV	8915	19486	1.50%	0.128%
19	13.645	1841	1846	1851	rBV2	12499	19396	1.49%	0.128%
20	13.698	1851	1855	1861	rVB6	10860	17913	1.38%	0.118%
21	13.792	1861	1871	1874	rBV3	21188	46862	3.61%	0.309%
22	14.045	1908	1914	1921	rBV	34218	57260	4.41%	0.377%
23	14.257	1945	1950	1954	rBV	32750	41936	3.23%	0.276%
24	14.322	1954	1961	1967	rVV2	397118	596217	45.93%	3.927%
25	14.381	1967	1971	1980	rVB2	25977	43876	3.38%	0.289%
26	14.545	1993	1999	2005	rVB10	9565	24160	1.86%	0.159%
27	14.722	2023	2029	2035	rBV3	18500	39430	3.04%	0.260%
28	14.810	2041	2044	2050	rVB3	16751	24067	1.85%	0.159%
29	14.881	2052	2056	2062	rVV8	10653	17883	1.38%	0.118%
30	14.951	2062	2068	2073	rVV3	18754	36714	2.83%	0.242%
31	15.004	2074	2077	2080	rVB3	11263	15440	1.19%	0.102%
32	15.216	2107	2113	2118	rVB2	40092	59818	4.61%	0.394%
33	15.375	2135	2140	2146	rBV2	37603	65287	5.03%	0.430%
34	15.504	2158	2162	2165	rBV4	12400	16682	1.28%	0.110%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

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-BP010320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.675	2187	2191	2194	rBV4	11172	15896	1.22%	0.105%
36	15.822	2210	2216	2226	rVB	385710	559640	43.11%	3.686%
37	16.086	2254	2261	2264	rBV3	41504	59173	4.56%	0.390%
38	16.439	2318	2321	2328	rVB3	15680	24178	1.86%	0.159%
39	16.598	2345	2348	2350	rBV4	11031	15135	1.17%	0.100%
40	16.663	2356	2359	2362	rVB5	14406	17563	1.35%	0.116%
41	16.822	2383	2386	2391	rBV6	11914	21321	1.64%	0.140%
42	16.886	2393	2397	2403	rVV2	43942	72509	5.59%	0.478%
43	17.081	2425	2430	2434	rBV	485598	660973	50.91%	4.354%
44	17.122	2434	2437	2442	rVB	266673	347717	26.78%	2.290%
45	17.216	2448	2453	2458	rVB	134421	185184	14.26%	1.220%
46	17.286	2461	2465	2470	rBV3	17392	31909	2.46%	0.210%
47	17.628	2518	2523	2526	rBV2	33792	54787	4.22%	0.361%
48	17.669	2526	2530	2535	rVB	42249	62582	4.82%	0.412%
49	17.798	2549	2552	2560	rVB2	50775	86128	6.63%	0.567%
50	17.957	2575	2579	2583	rBV	91477	137383	10.58%	0.905%
51	18.010	2583	2588	2596	rVV2	190974	311560	24.00%	2.052%
52	18.080	2596	2600	2605	rVV	67135	98005	7.55%	0.646%
53	18.145	2605	2611	2615	rVV2	170809	316190	24.36%	2.083%
54	18.180	2615	2617	2623	rVB	85720	98094	7.56%	0.646%
55	18.304	2635	2638	2642	rVB2	37483	45223	3.48%	0.298%
56	18.445	2659	2662	2665	rBV2	49402	51838	3.99%	0.341%
57	18.663	2695	2699	2700	rBV2	32917	41491	3.20%	0.273%
58	18.733	2709	2711	2715	rBV	38099	46971	3.62%	0.309%
59	18.857	2727	2732	2736	rBV	130947	210851	16.24%	1.389%
60	18.904	2736	2740	2744	rBV6	177756	302520	23.30%	1.993%
61	18.986	2750	2754	2762	rBV2	82681	141508	10.90%	0.932%
62	19.104	2770	2774	2779	rBV	621139	778770	59.99%	5.129%
63	19.257	2797	2800	2804	rVB2	63849	75060	5.78%	0.494%
64	19.457	2826	2834	2843	rBV	815025	1298226	100.00%	8.551%
65	19.663	2865	2869	2873	rBV	666751	791035	60.93%	5.210%
66	19.780	2885	2889	2894	rBV4	91325	174923	13.47%	1.152%
67	20.039	2931	2933	2938	rVB	81459	97725	7.53%	0.644%
68	20.098	2940	2943	2949	rVB	164419	194739	15.00%	1.283%
69	20.233	2963	2966	2970	rVB	130743	141000	10.86%	0.929%
70	20.280	2970	2974	2978	rBV	132345	164721	12.69%	1.085%
71	21.180	3121	3127	3131	rBV2	637776	1279177	98.53%	8.425%

LSC Area Percent Report

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Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	21.216	3131	3133	3140	rVB	325136	411486	31.70%	2.710%

Sum of corrected areas: 15182286

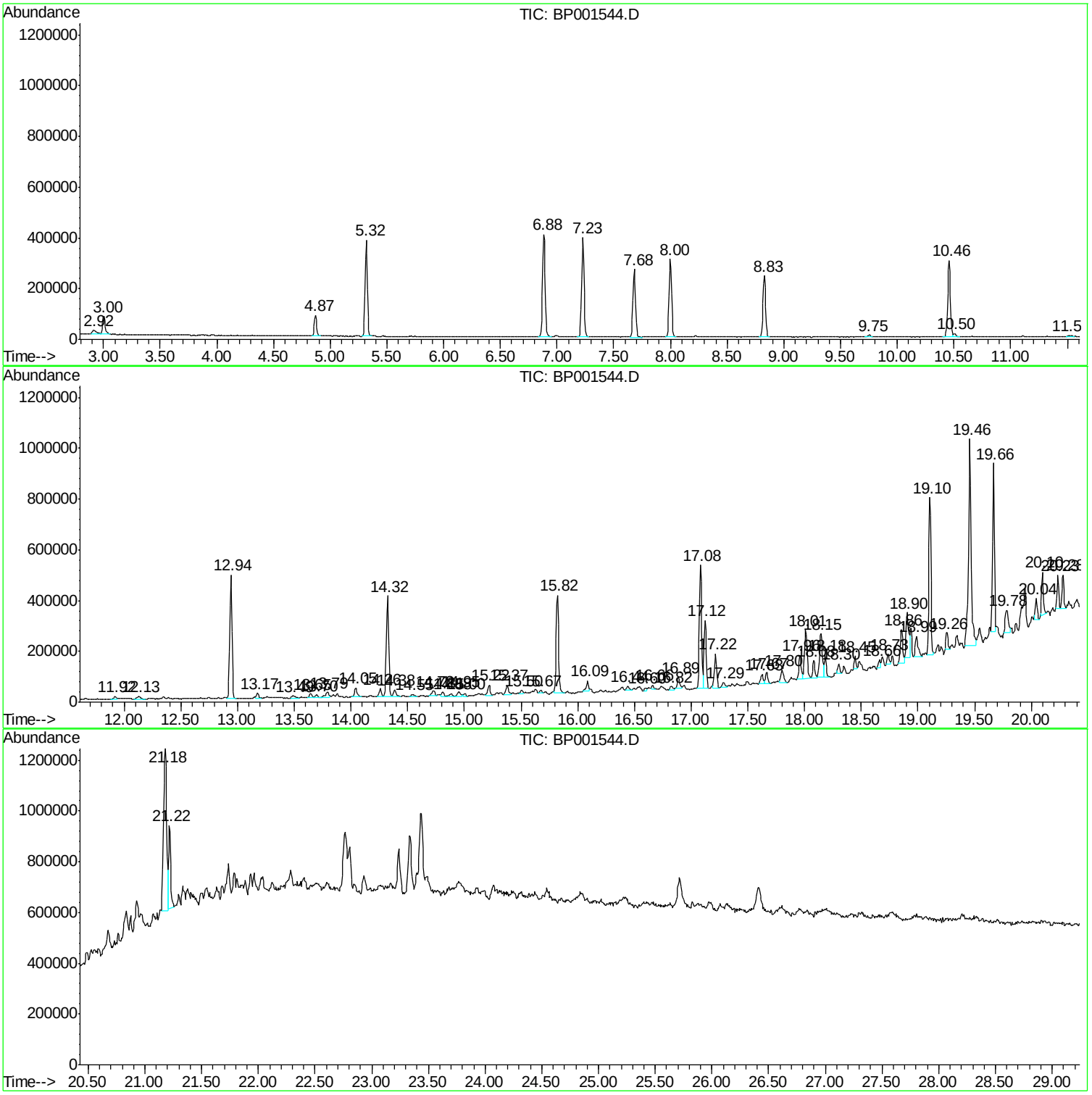
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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\BP010620\
Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

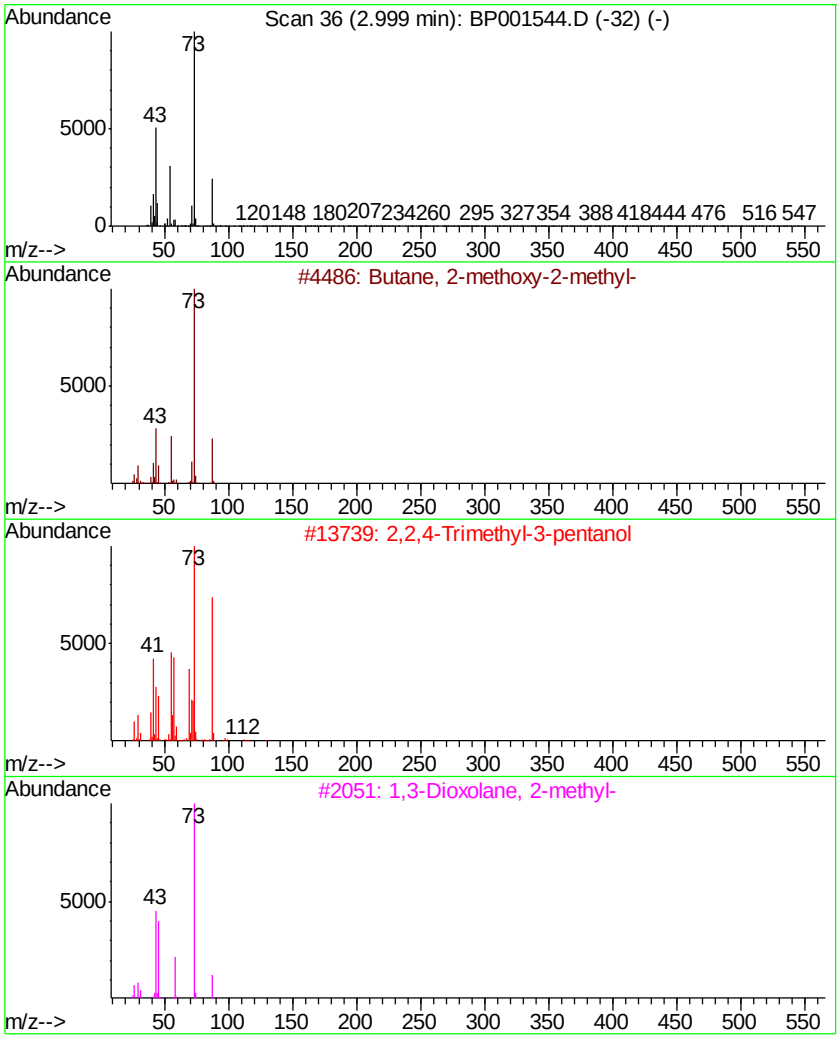
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

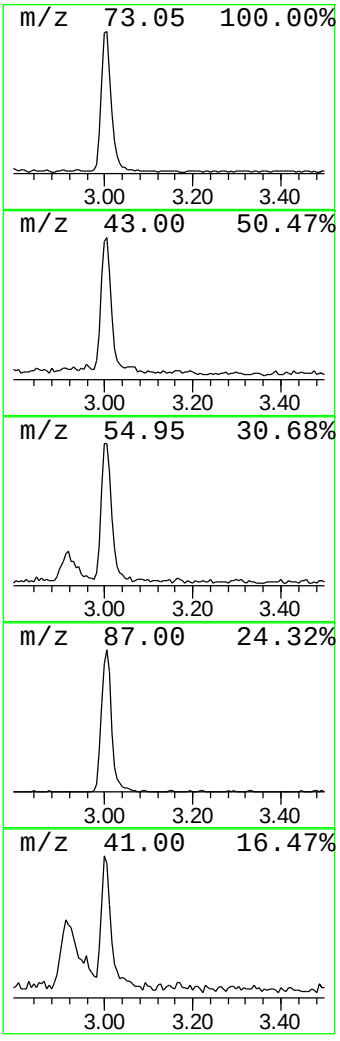
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	5.21 ng	108318	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	2-Butanol, 3-bromo-, acetate	194	C6H11BrO2	005798-81-2	17
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

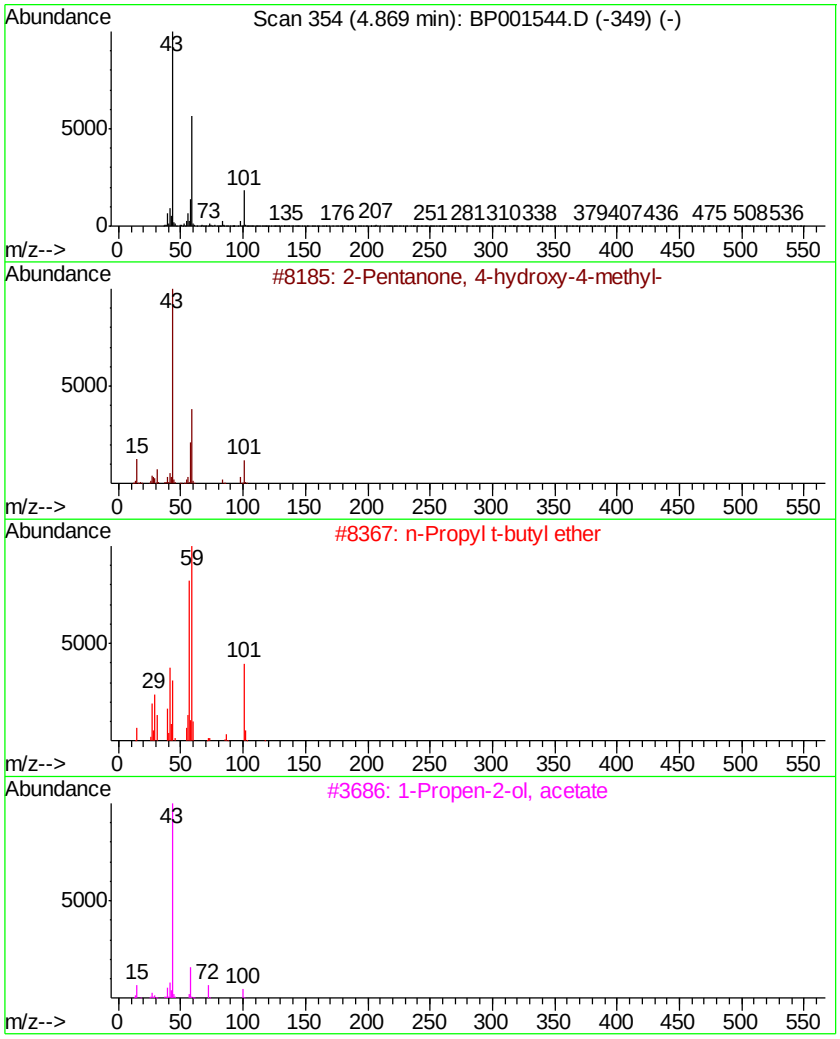
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

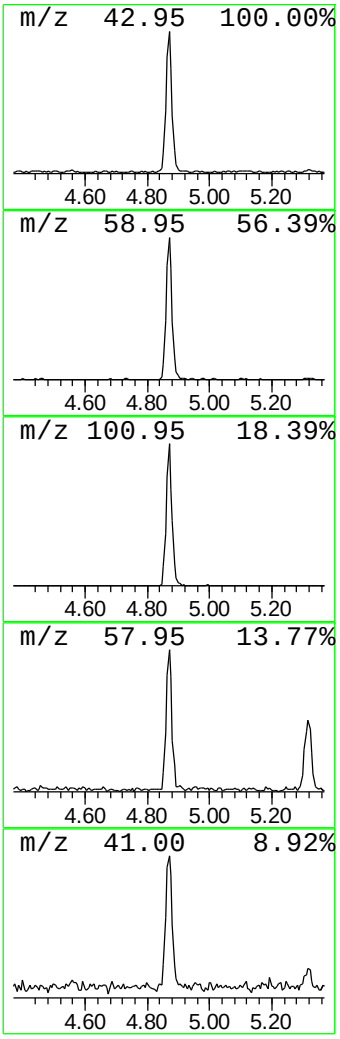
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	5.35 ng	111254	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	22
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

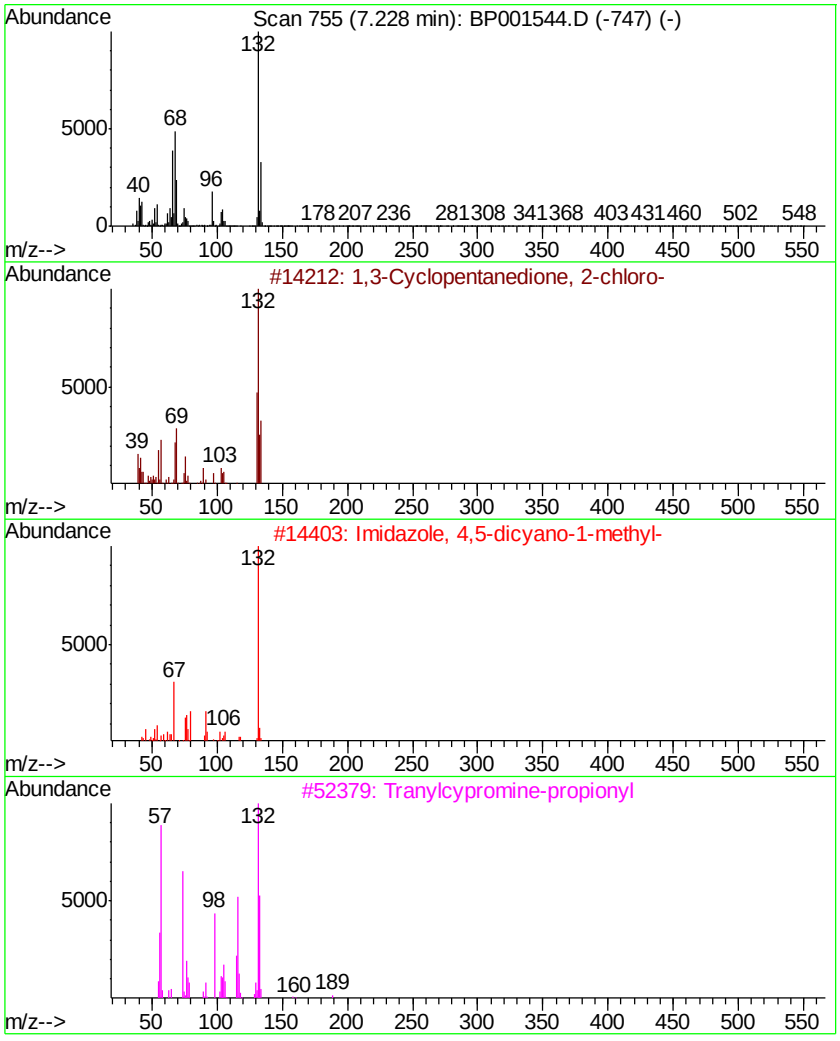
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

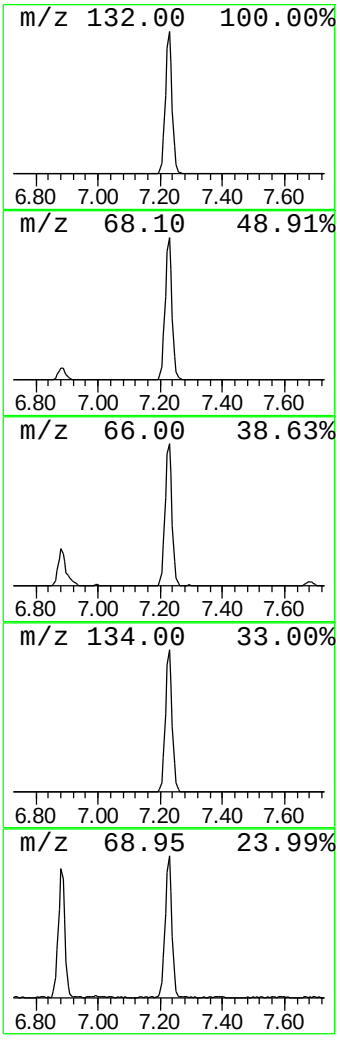
****

Peak Number 3 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	29.08 ng	604228	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Library Search Compound Report

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Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

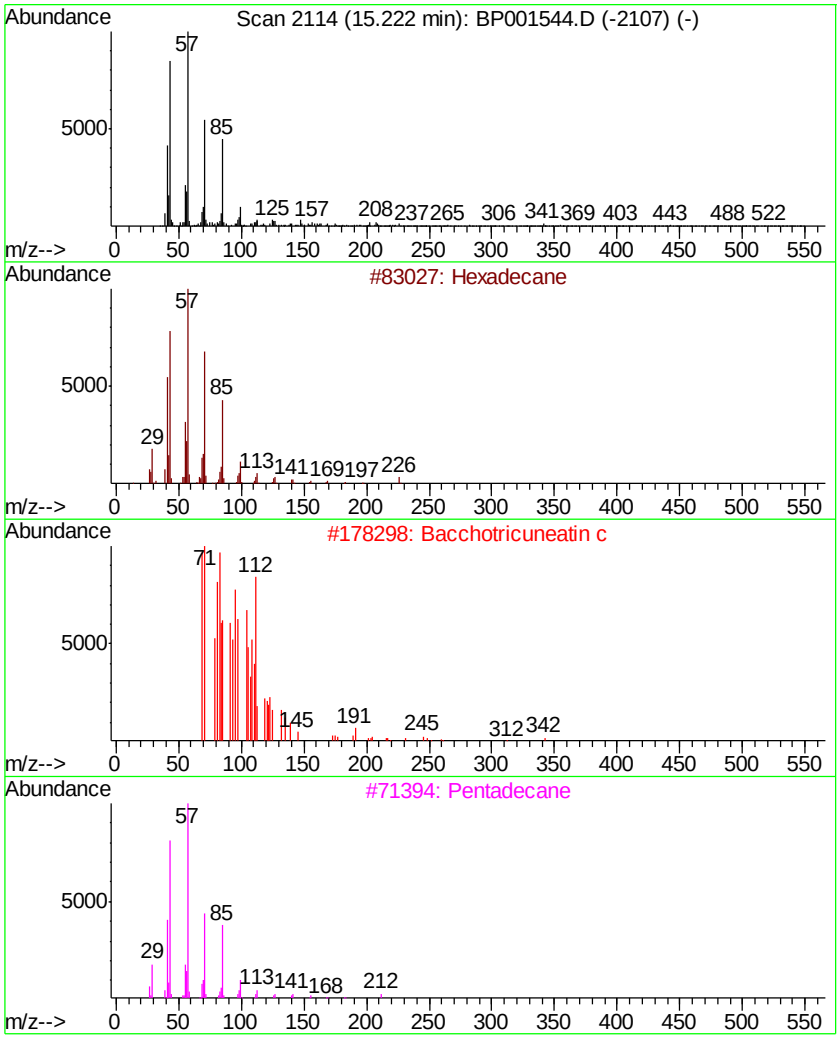
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

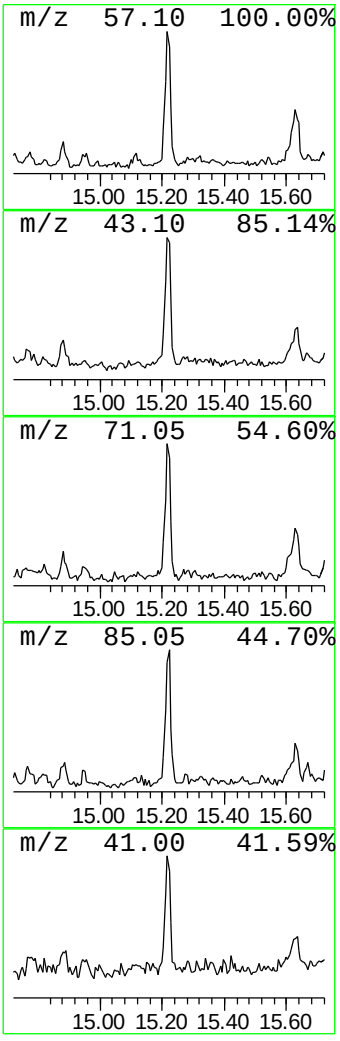
****

Peak Number 5 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.01 ng	59818	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
3	Pentadecane	212	C15H32	000629-62-9	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Tetradecane	198	C14H30	000629-59-4	72





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Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

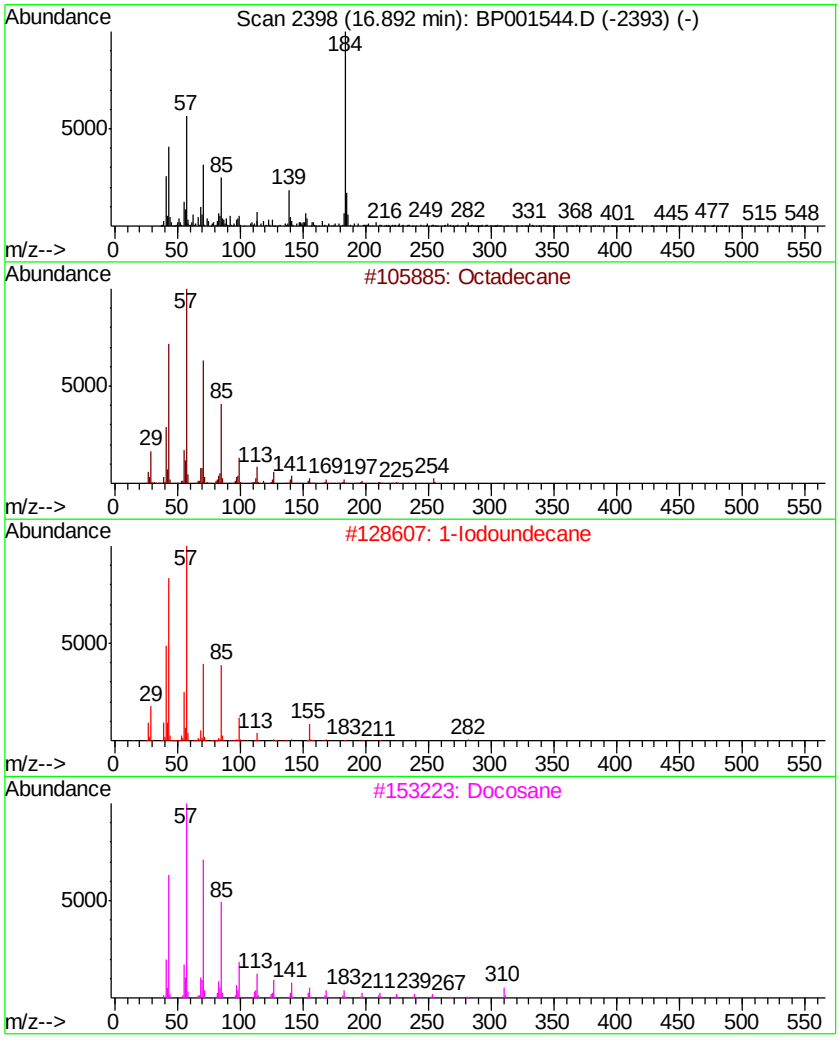
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

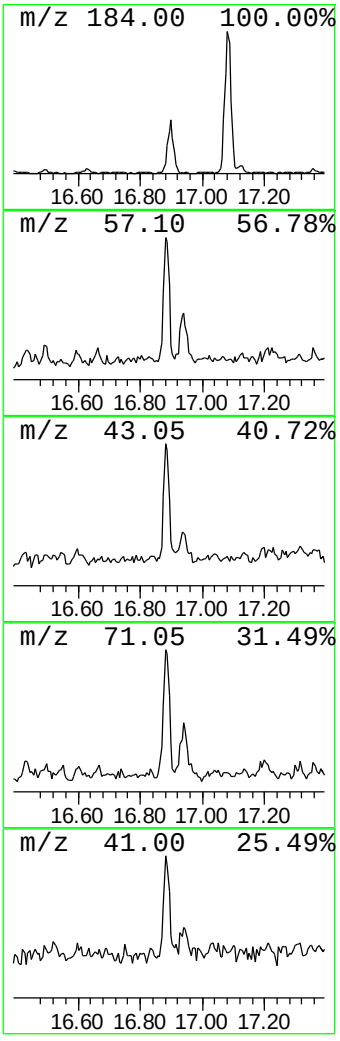
****

Peak Number 7 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.19 ng	72509	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	64
2	1-Iodoundecane	282	C11H23I	004282-44-4	64
3	Docosane	310	C22H46	000629-97-0	58
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	56
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	52





Library Search Compound Report

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Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

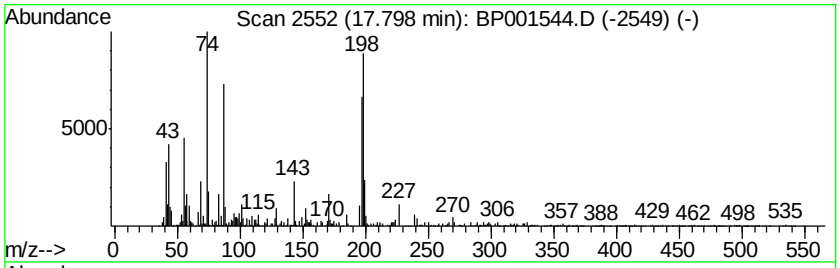
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

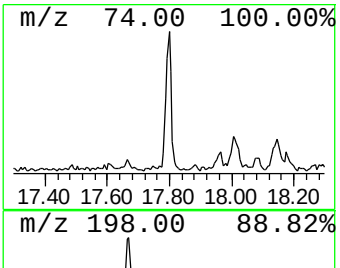
****

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	2.61 ng	86128	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	89
2	Methyl stearate	298	C19H38O2	000112-61-8	64
3	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	46
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	45
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	43





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Data File : BP001544.D
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Sample : L1008-01 2X
Misc :
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Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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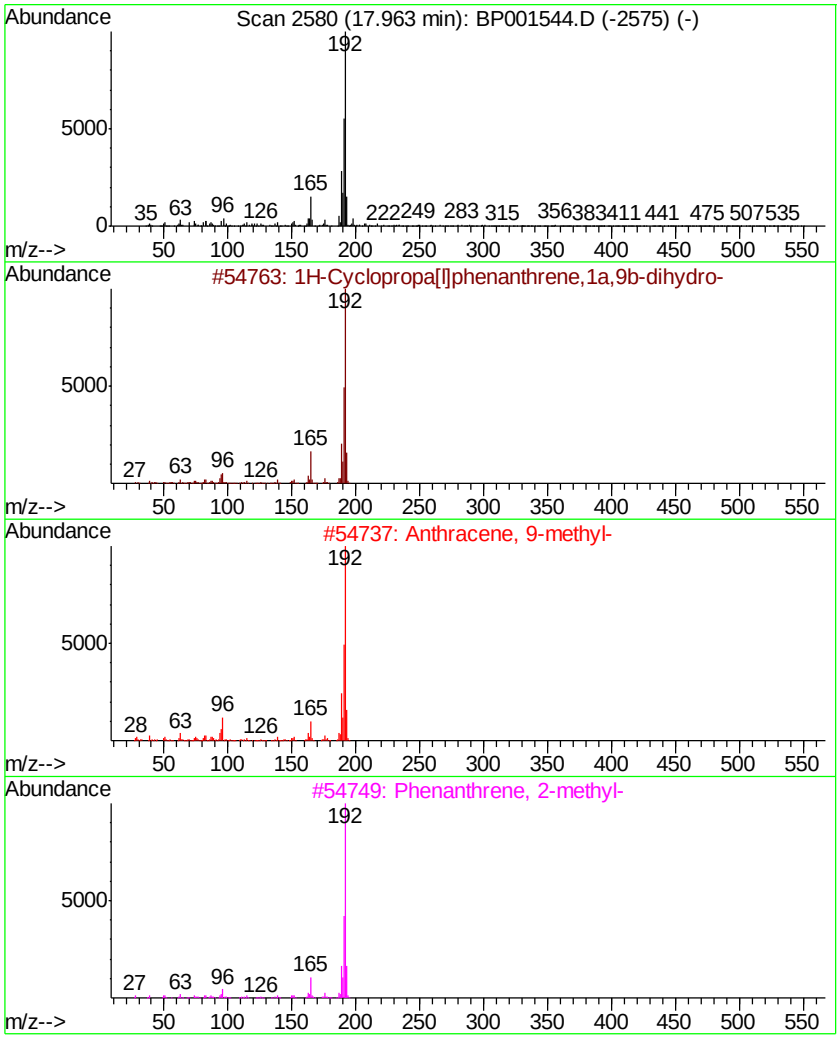
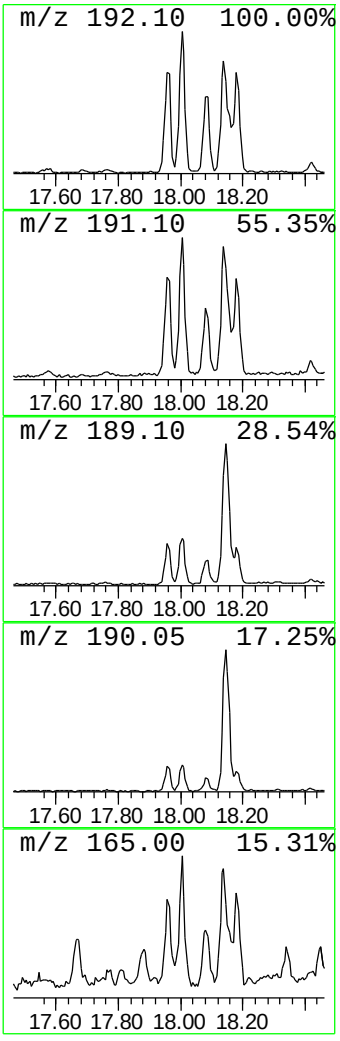
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.16 ng	137383	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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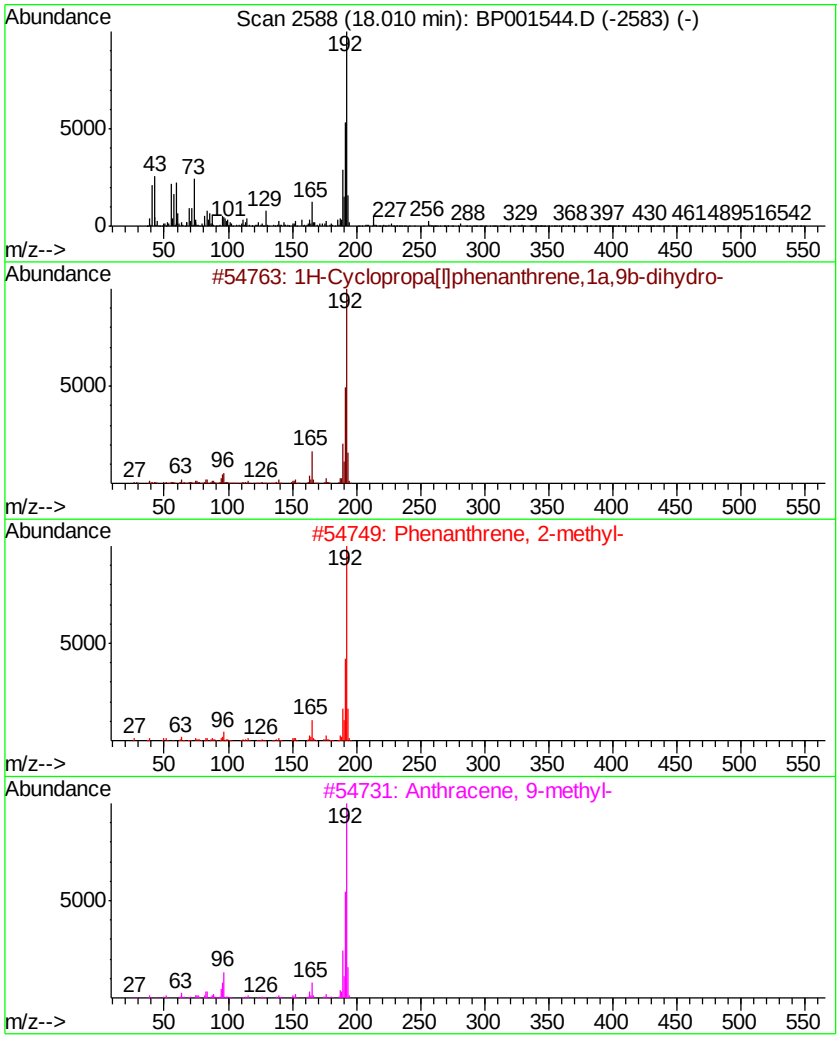
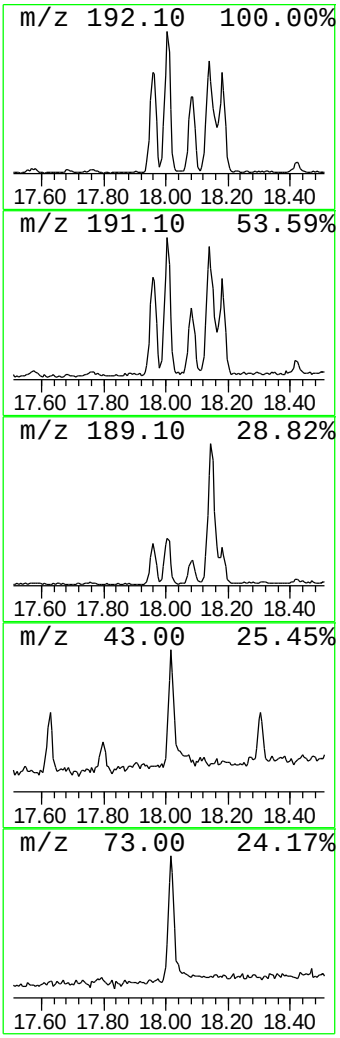
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	9.43 ng	311560	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





Library Search Compound Report

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Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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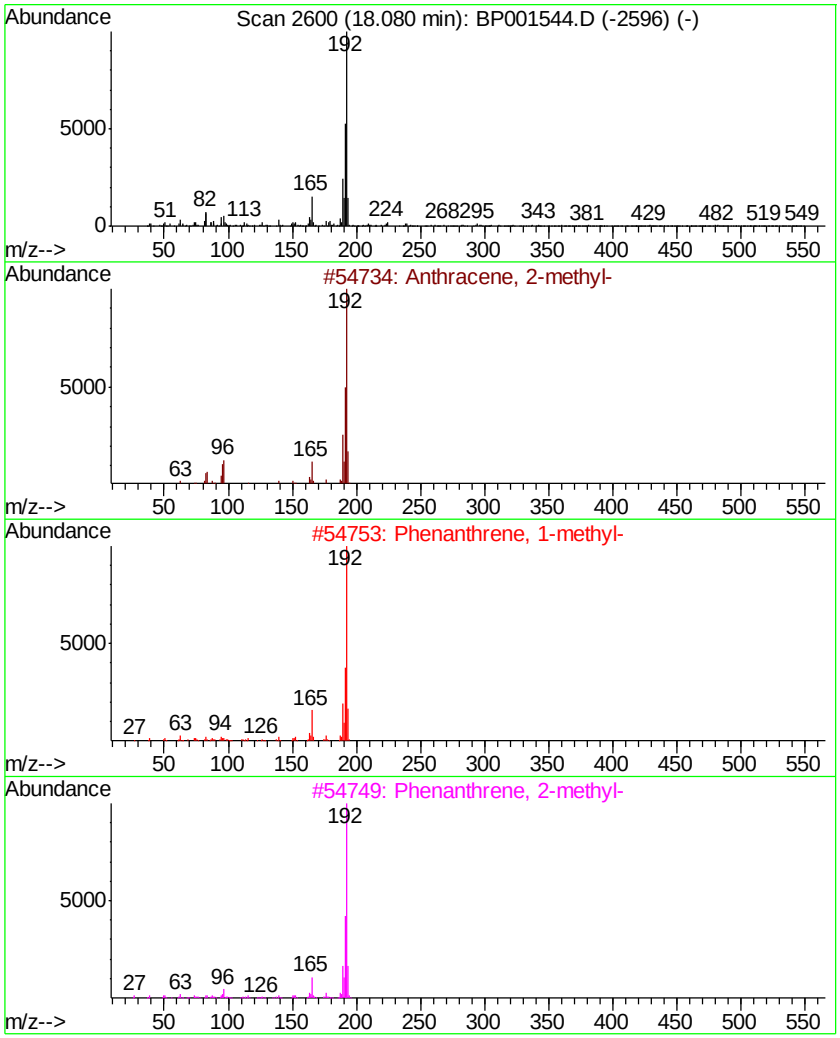
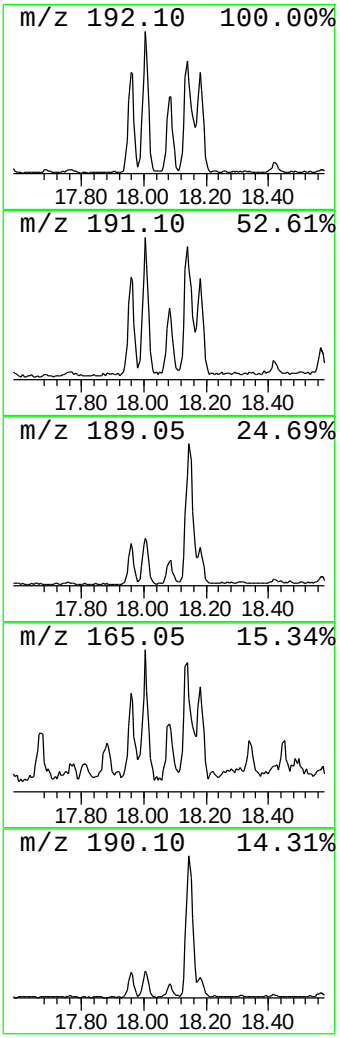
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.97 ng	98005	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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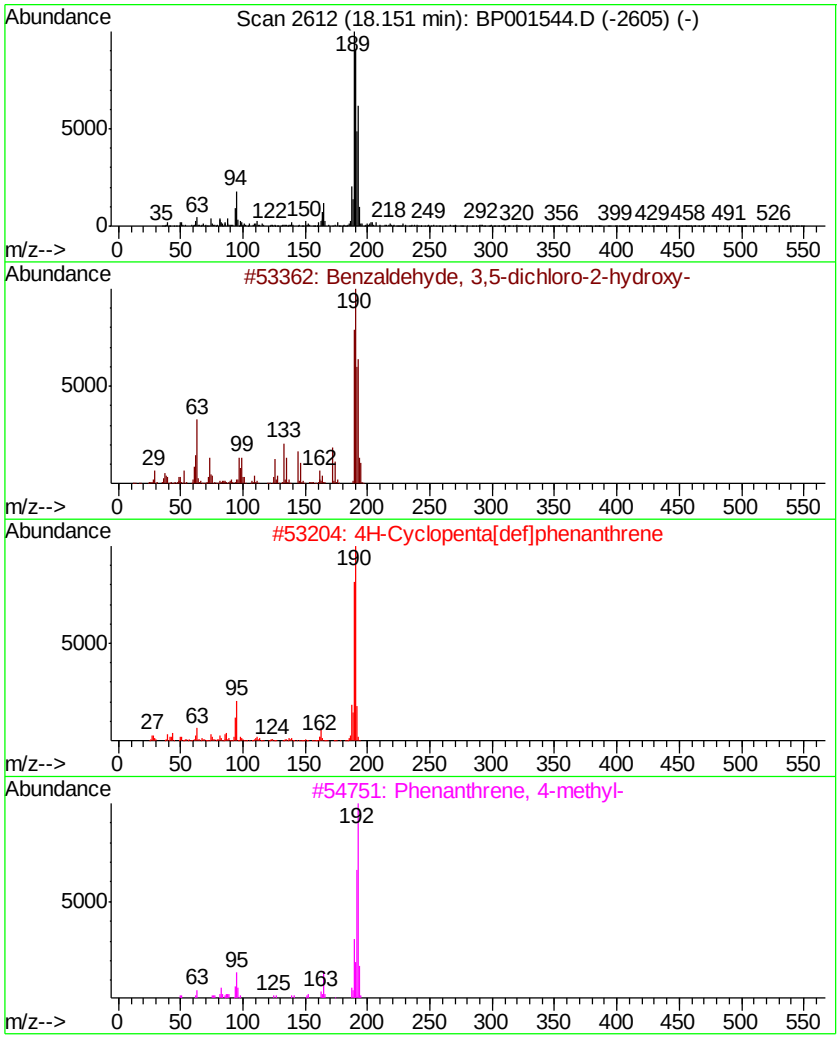
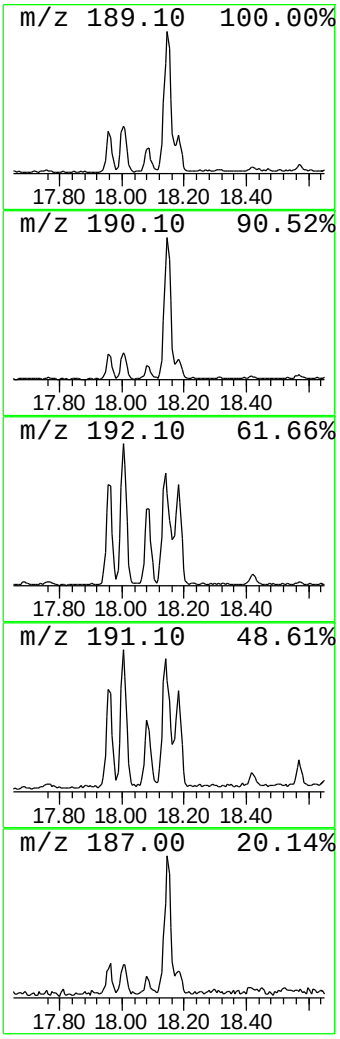
Peak Number 12 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	9.57 ng	316190	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	41





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Data File : BP001544.D
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Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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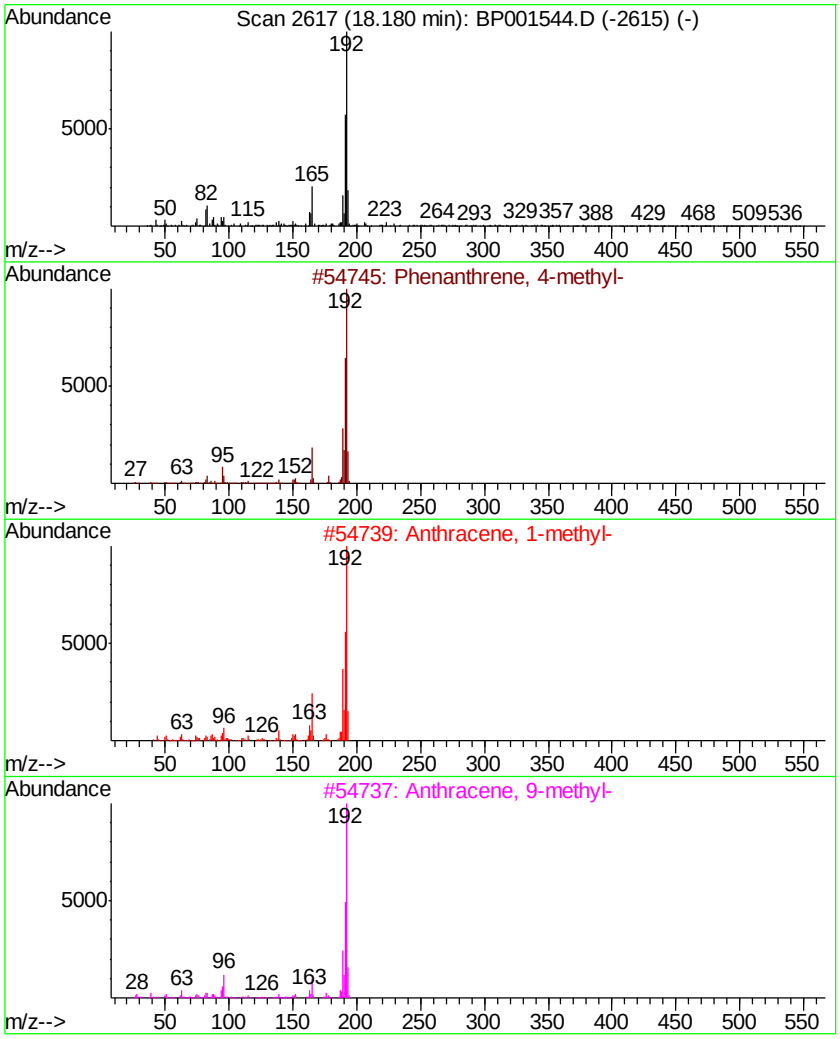
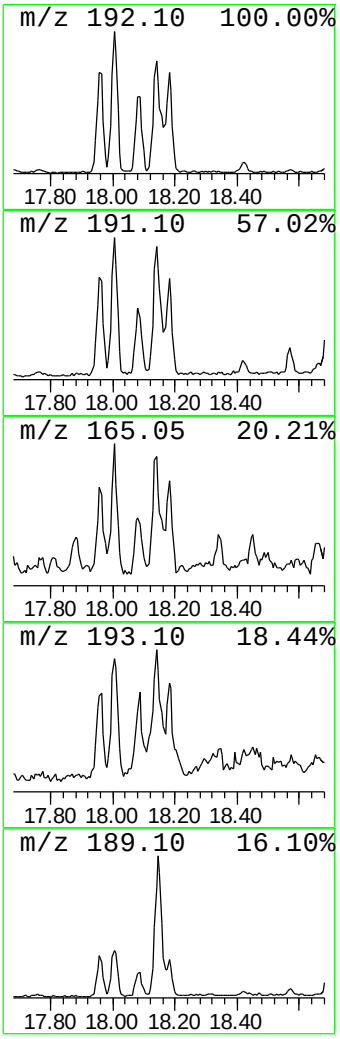
Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.97 ng	98094	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	80





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Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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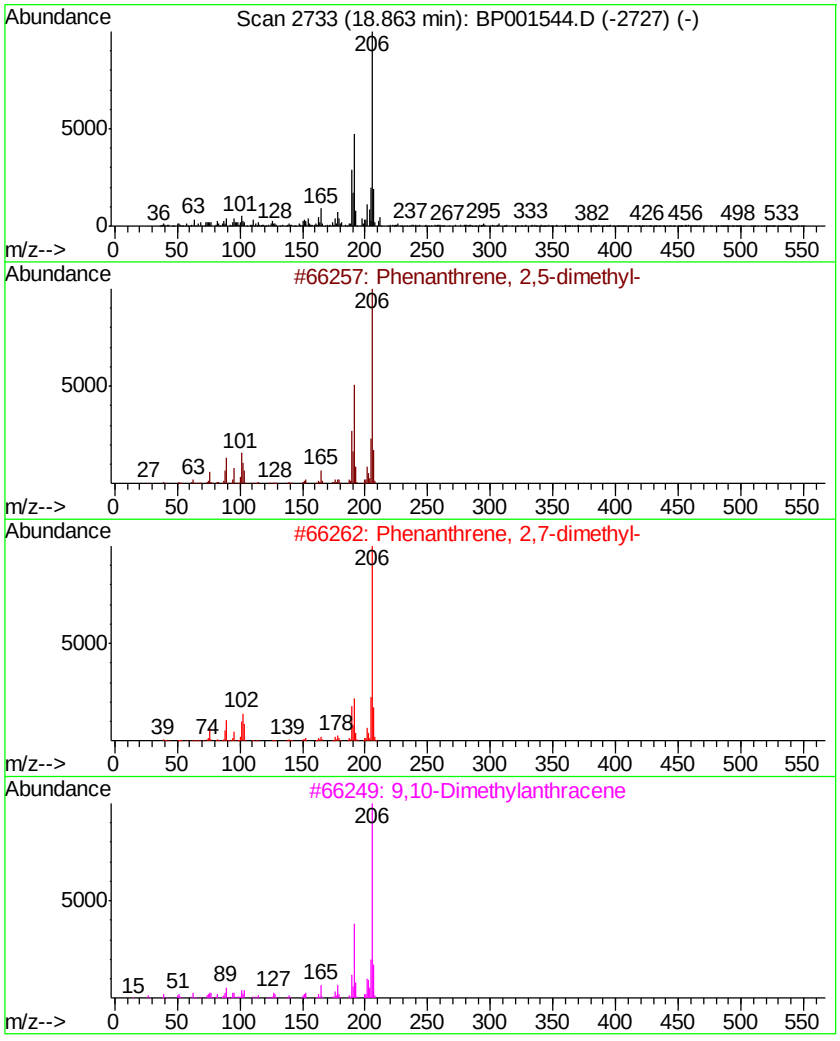
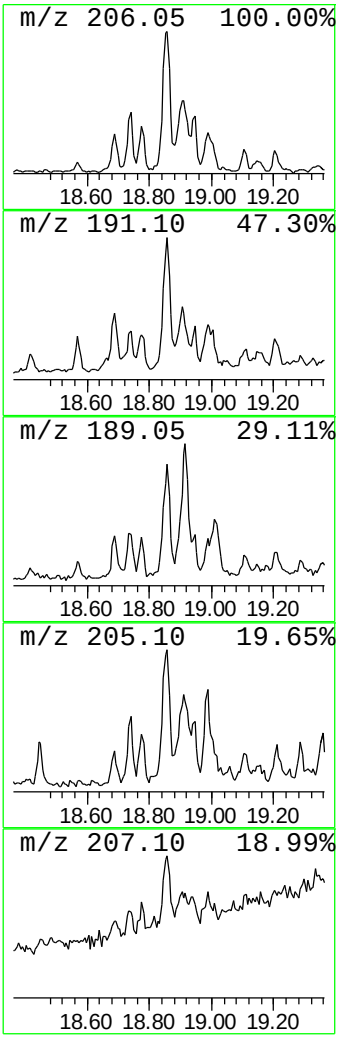
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	6.38 ng	210851	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Library Search Compound Report

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Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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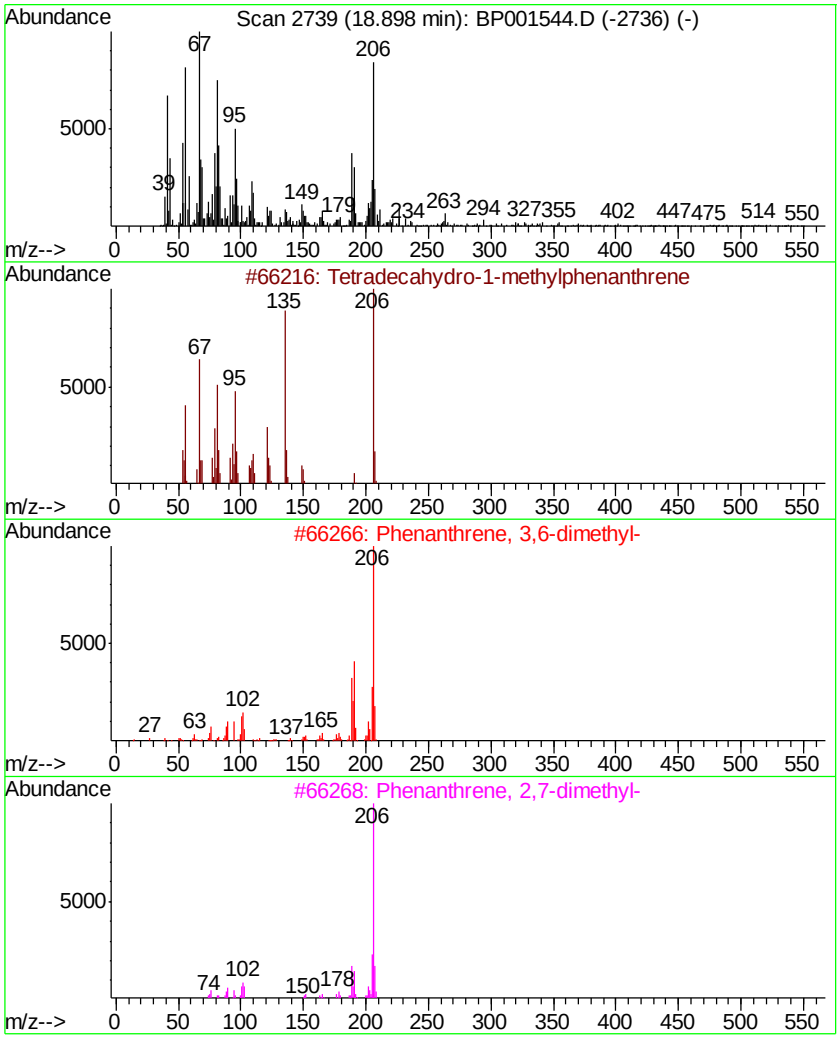
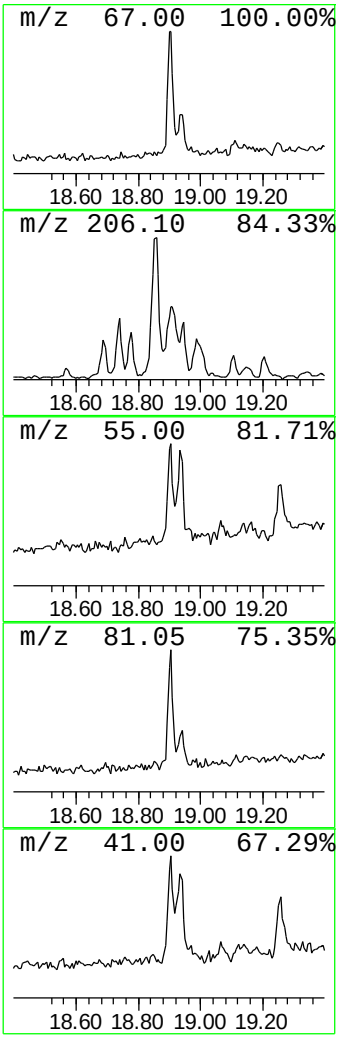
Peak Number 15 Tetradecahydro-1-methylphen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	9.15 ng	302520	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecahydro-1-methylphenanthrene	206	C15H26	1000080-19-6	64
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	59
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	55
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
5	1,E-8,Z-10-Pentadecatriene	206	C15H26	080625-32-7	41





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Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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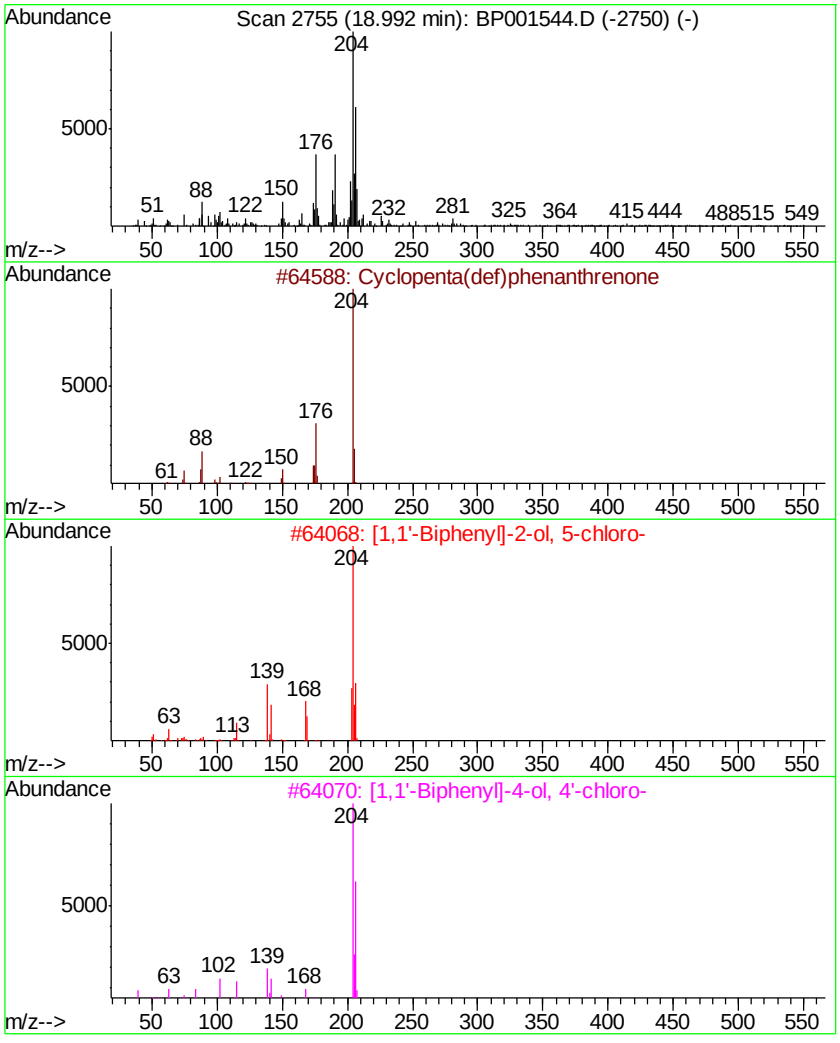
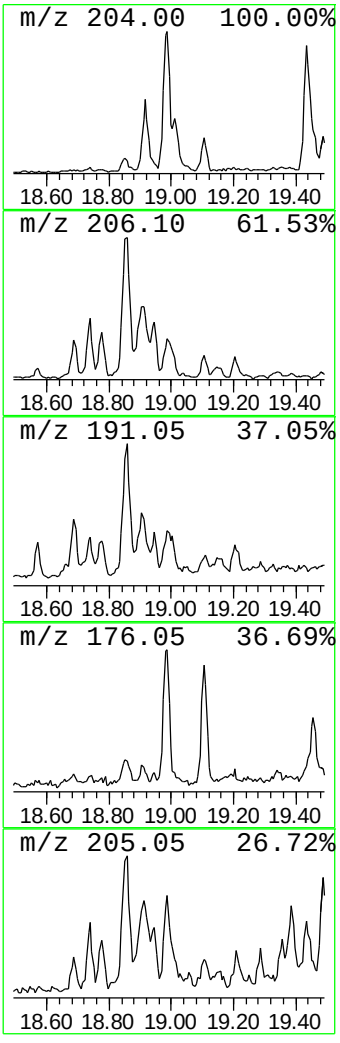
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	4.28 ng	141508	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	43





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Data File : BP001544.D
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Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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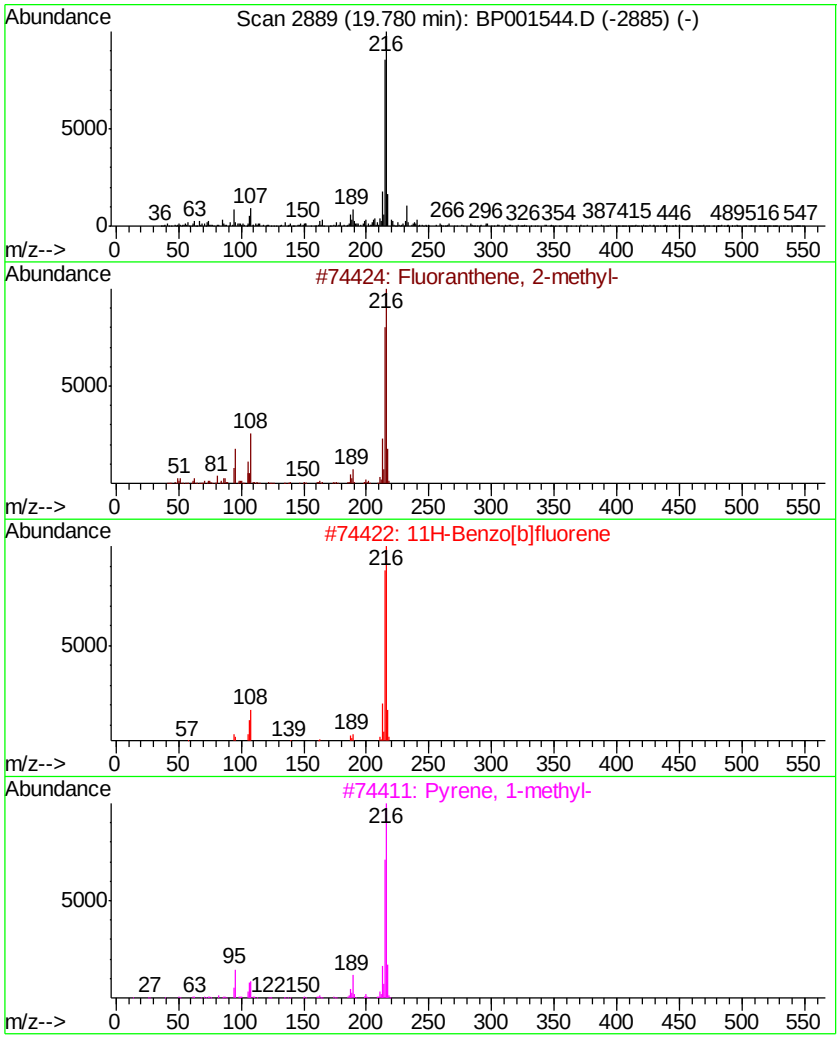
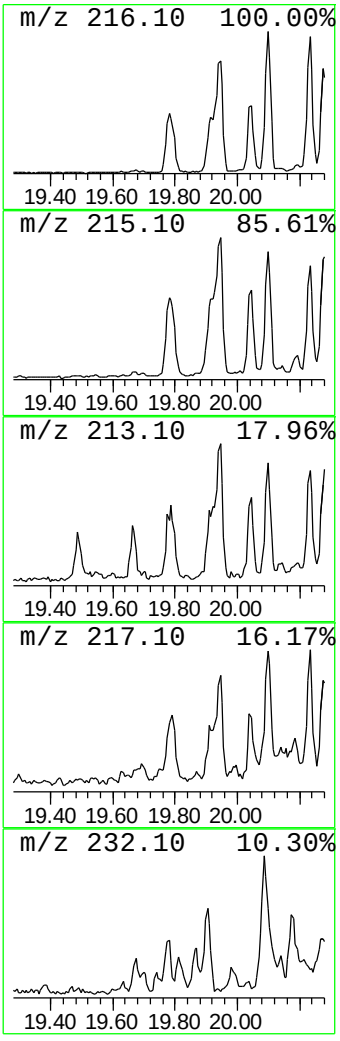
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	2.73 ng	174923	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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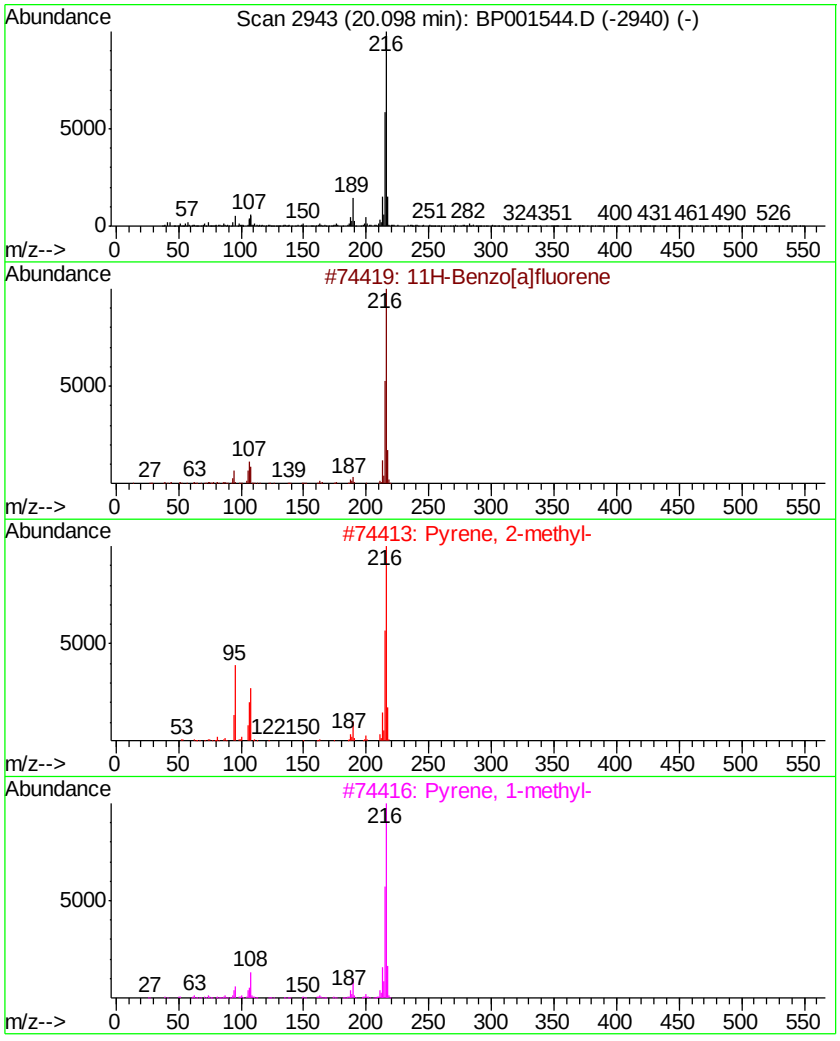
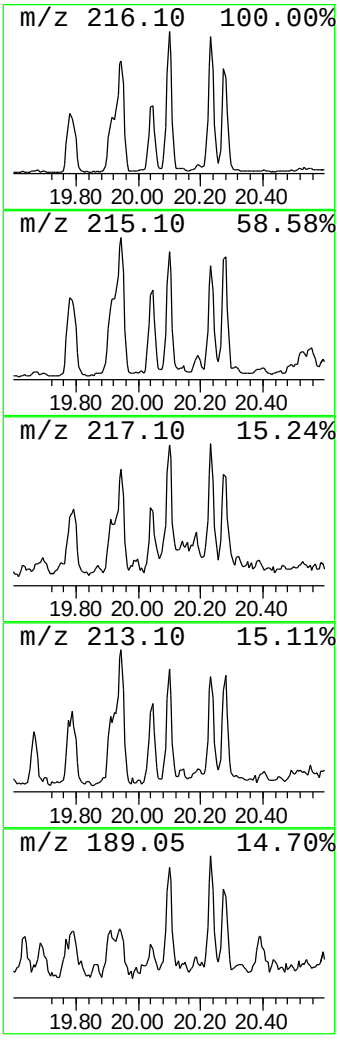
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	3.04 ng	194739	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

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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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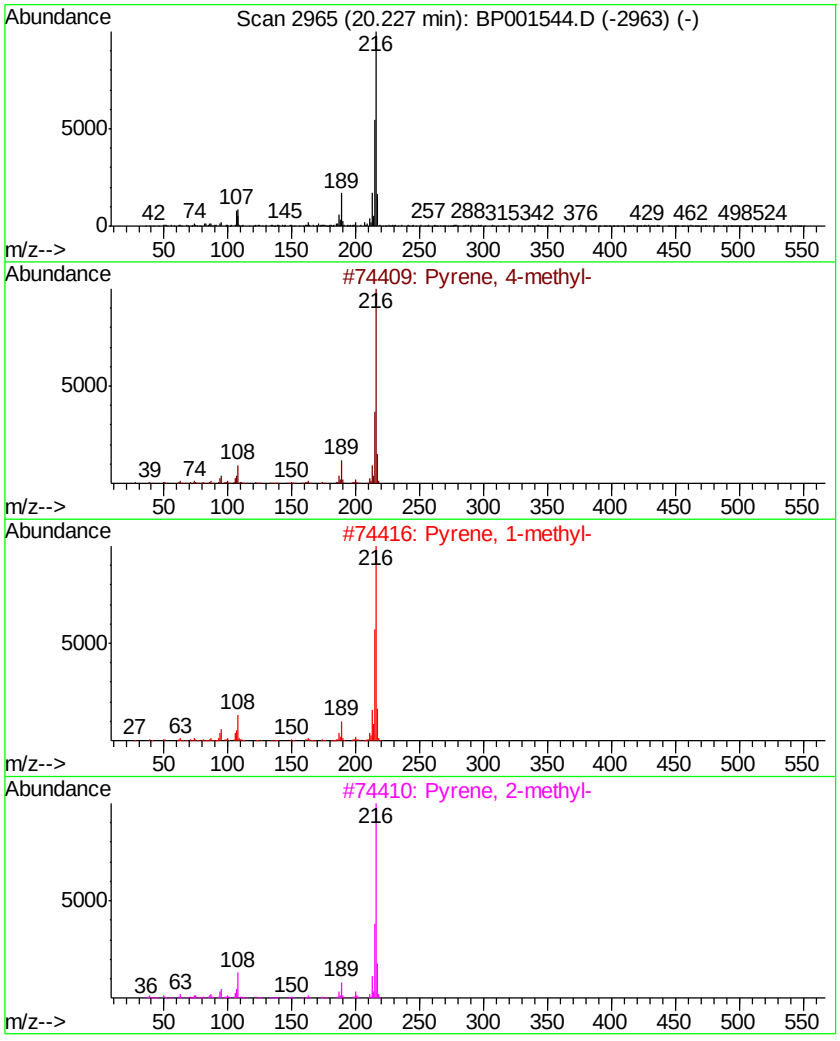
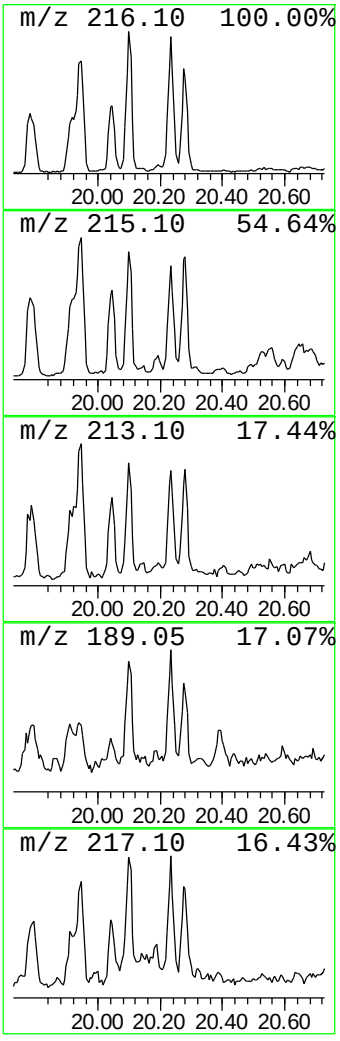
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.20 ng	141000	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





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Data File : BP001544.D
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Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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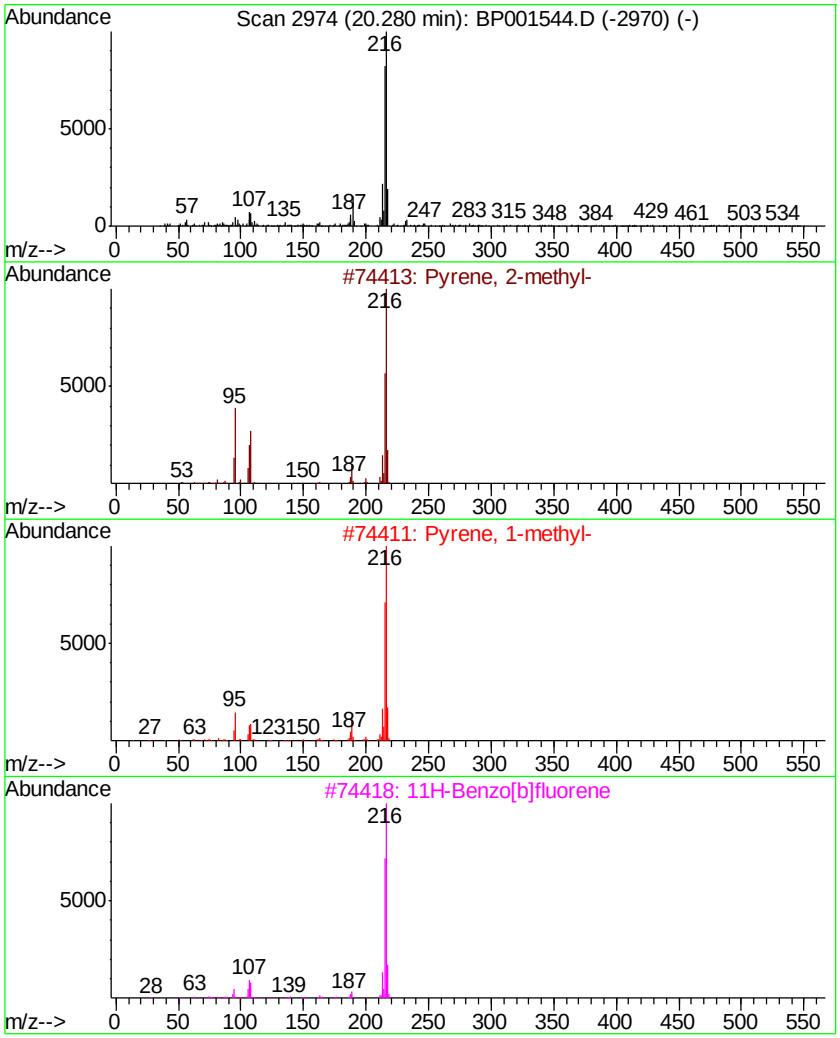
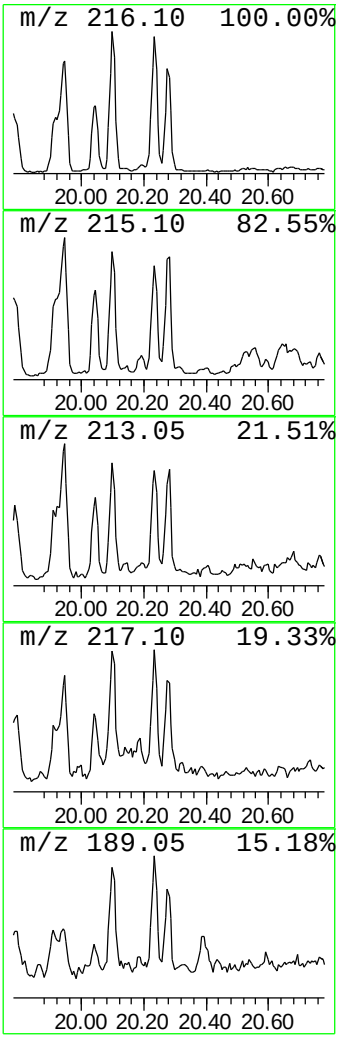
Peak Number 20 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	2.58 ng	164721	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010620\
Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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...	3.00	5.2	ng	108318	1	7.68	415618	20.0
2-Pentanone, 4-hy...	4.87	5.3	ng	111254	1	7.68	415618	20.0
unknown7.23	7.23	29.1	ng	604228	1	7.68	415618	20.0
Hexadecane	15.22	2.0	ng	59818	3	14.32	596217	20.0
Octadecane	16.89	2.2	ng	72509	4	17.08	660973	20.0
Hexadecanoic acid...	17.80	2.6	ng	86128	4	17.08	660973	20.0
1H-Cyclopropa[l]p...	17.96	4.2	ng	137383	4	17.08	660973	20.0
Phenanthrene, 2-m...	18.01	9.4	ng	311560	4	17.08	660973	20.0
Anthracene, 2-met...	18.08	3.0	ng	98005	4	17.08	660973	20.0
Benzaldehyde, 3,5...	18.15	9.6	ng	316190	4	17.08	660973	20.0
Phenanthrene, 4-m...	18.18	3.0	ng	98094	4	17.08	660973	20.0
Phenanthrene, 2,5...	18.86	6.4	ng	210851	4	17.08	660973	20.0
Tetradecahydro-1-...	18.90	9.2	ng	302520	4	17.08	660973	20.0
Cyclopenta(def)ph...	18.99	4.3	ng	141508	4	17.08	660973	20.0
Fluoranthene, 2-m...	19.78	2.7	ng	174923	5	21.19	1279180	20.0
11H-Benzo[a]fluorene	20.10	3.0	ng	194739	5	21.19	1279180	20.0
Pyrene, 1-methyl-	20.23	2.2	ng	141000	5	21.19	1279180	20.0
Pyrene, 2-methyl-	20.28	2.6	ng	164721	5	21.19	1279180	20.0