LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098496.D
Acq On : 13 Sep 2017 18:20
Operator : SJ/JU
Sample : I5209-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-91117

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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	4.822	462	465	476	rBV	202117	252497	9.45%	0.778%
2	5.257	535	539	552	rBV	2512487	2495271	93.36%	7.687%
3	6.304	713	717	731	rBV	2557073	2592170	96.98%	7.986%
4	6.428	734	738	741	rVV	2733925	2533587	94.79%	7.805%
5	6.492	744	749	754	rVB2	26564	46563	1.74%	0.143%
6	6.651	773	776	783	rBV	1284709	1216542	45.52%	3.748%
7	6.810	799	803	818	rBV	2181563	1946376	72.82%	5.996%
8	7.222	869	873	876	rBV	1771223	1476114	55.23%	4.547%
9	7.257	877	879	883	rVB3	42407	36104	1.35%	0.111%
10	7.339	890	893	897	rBV3	25798	34048	1.27%	0.105%
11	7.851	977	980	983	rBV	49049	51991	1.95%	0.160%
12	7.939	990	995	998	rBV	1864270	1593786	59.63%	4.910%
13	8.004	1004	1006	1009	rVB	46054	34299	1.28%	0.106%
14	8.227	1040	1044	1047	rBV6	27061	38963	1.46%	0.120%
15	8.286	1051	1054	1058	rBV4	19740	31464	1.18%	0.097%
16	8.363	1063	1067	1072	rBV	87929	111264	4.16%	0.343%
17	8.439	1076	1080	1083	rBV5	35371	42710	1.60%	0.132%
18	8.533	1093	1096	1099	rBV2	54786	52943	1.98%	0.163%
19	8.627	1109	1112	1114	rVB3	27357	29062	1.09%	0.090%
20	8.757	1130	1134	1139	rVB5	30114	43018	1.61%	0.133%
21	8.816	1141	1144	1147	rBV4	32851	35474	1.33%	0.109%
22	8.963	1166	1169	1173	rVB	113490	92554	3.46%	0.285%
23	9.016	1173	1178	1181	rBV	2935540	2672787	100.00%	8.234%
24	9.098	1186	1192	1196	rBV3	97339	167391	6.26%	0.516%
25	9.286	1219	1224	1226	rBV5	36001	48284	1.81%	0.149%
26	9.345	1232	1234	1237	rBV3	47784	46968	1.76%	0.145%
27	9.392	1240	1242	1243	rVV	79888	69250	2.59%	0.213%
28	9.410	1243	1245	1249	rVB2	516989	441230	16.51%	1.359%
29	9.551	1266	1269	1272	rBV	146315	148065	5.54%	0.456%
30	9.592	1274	1276	1279	rVB	97562	86209	3.23%	0.266%
31	9.627	1279	1282	1285	rBV2	89304	90681	3.39%	0.279%
32	9.686	1285	1292	1296	rVV2	1864006	1651017	61.77%	5.086%
33	9.722	1296	1298	1302	rVB4	41118	46679	1.75%	0.144%
34	9.798	1308	1311	1315	rVB5	35970	45198	1.69%	0.139%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098496.D
Acq On : 13 Sep 2017 18:20
Operator : SJ/JU
Sample : I5209-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-91117

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.892	1324	1327	1329	rVB2	36516	32963	1.23%	0.102%
36	10.004	1343	1346	1352	rBV6	35282	59503	2.23%	0.183%
37	10.051	1352	1354	1358	rVB3	28323	31847	1.19%	0.098%
38	10.086	1358	1360	1363	rBV3	53554	54655	2.04%	0.168%
39	10.121	1363	1366	1368	rBV	61762	57930	2.17%	0.178%
40	10.233	1382	1385	1391	rVB4	51090	63891	2.39%	0.197%
41	10.345	1400	1404	1409	rVB	115631	132165	4.94%	0.407%
42	10.392	1409	1412	1415	rVB4	30087	31446	1.18%	0.097%
43	10.474	1423	1426	1431	rBV	1462609	1242673	46.49%	3.828%
44	10.604	1444	1448	1455	rVB	256809	330203	12.35%	1.017%
45	11.039	1520	1522	1525	rBV2	60450	60119	2.25%	0.185%
46	11.068	1525	1527	1532	rVB2	131335	128112	4.79%	0.395%
47	11.168	1540	1544	1546	rBV	1688285	1382532	51.73%	4.259%
48	11.192	1546	1548	1551	rVV	348092	274712	10.28%	0.846%
49	11.245	1555	1557	1560	rVV	106181	87892	3.29%	0.271%
50	11.286	1561	1564	1566	rVB3	30484	32901	1.23%	0.101%
51	11.404	1581	1584	1589	rVB4	81249	115192	4.31%	0.355%
52	11.463	1592	1594	1597	rVB	45245	37762	1.41%	0.116%
53	11.668	1626	1629	1631	rBV	75030	69279	2.59%	0.213%
54	11.698	1631	1634	1637	rVV	98396	92367	3.46%	0.285%
55	11.733	1638	1640	1644	rVV2	49943	72059	2.70%	0.222%
56	11.780	1645	1648	1650	rVV	143435	151446	5.67%	0.467%
57	11.804	1650	1652	1657	rVB2	66707	66223	2.48%	0.204%
58	11.963	1677	1679	1681	rBV	39383	33188	1.24%	0.102%
59	11.998	1683	1685	1688	rVB	50212	44410	1.66%	0.137%
60	12.145	1708	1710	1713	rBV4	35241	35525	1.33%	0.109%
61	12.215	1719	1722	1725	rBV	154241	158028	5.91%	0.487%
62	12.257	1725	1729	1730	rBV3	55740	56319	2.11%	0.173%
63	12.304	1735	1737	1741	rVB3	52063	57021	2.13%	0.176%
64	12.374	1746	1749	1753	rVB	568818	529445	19.81%	1.631%
65	12.474	1763	1766	1769	rVB	49554	44295	1.66%	0.136%
66	12.604	1783	1788	1791	rBV	621354	589809	22.07%	1.817%
67	12.663	1795	1798	1802	rVB3	35464	44774	1.68%	0.138%
68	12.751	1809	1813	1819	rVB	2133772	1880889	70.37%	5.794%
69	12.821	1823	1825	1831	rVB2	47232	66641	2.49%	0.205%
70	13.039	1858	1862	1865	rBV2	88747	104392	3.91%	0.322%
71	13.127	1875	1877	1880	rVB	54923	47647	1.78%	0.147%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098496.D
Acq On : 13 Sep 2017 18:20
Operator : SJ/JU
Sample : I5209-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-91117

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.162	1880	1883	1885	rBV	60145	60700	2.27%	0.187%
73	13.651	1963	1966	1970	rBV	192802	191150	7.15%	0.589%
74	13.804	1986	1992	1994	rBV3	1309492	1561869	58.44%	4.812%
75	13.827	1994	1996	1999	rVB	262845	206262	7.72%	0.635%
76	14.809	2160	2163	2169	rVB	250756	374909	14.03%	1.155%
77	15.086	2208	2210	2214	rVB	151542	151452	5.67%	0.467%
78	15.145	2217	2220	2225	rVV	232773	258288	9.66%	0.796%
79	15.204	2226	2230	2237	rVB	849372	1055344	39.48%	3.251%

Sum of corrected areas: 32460788

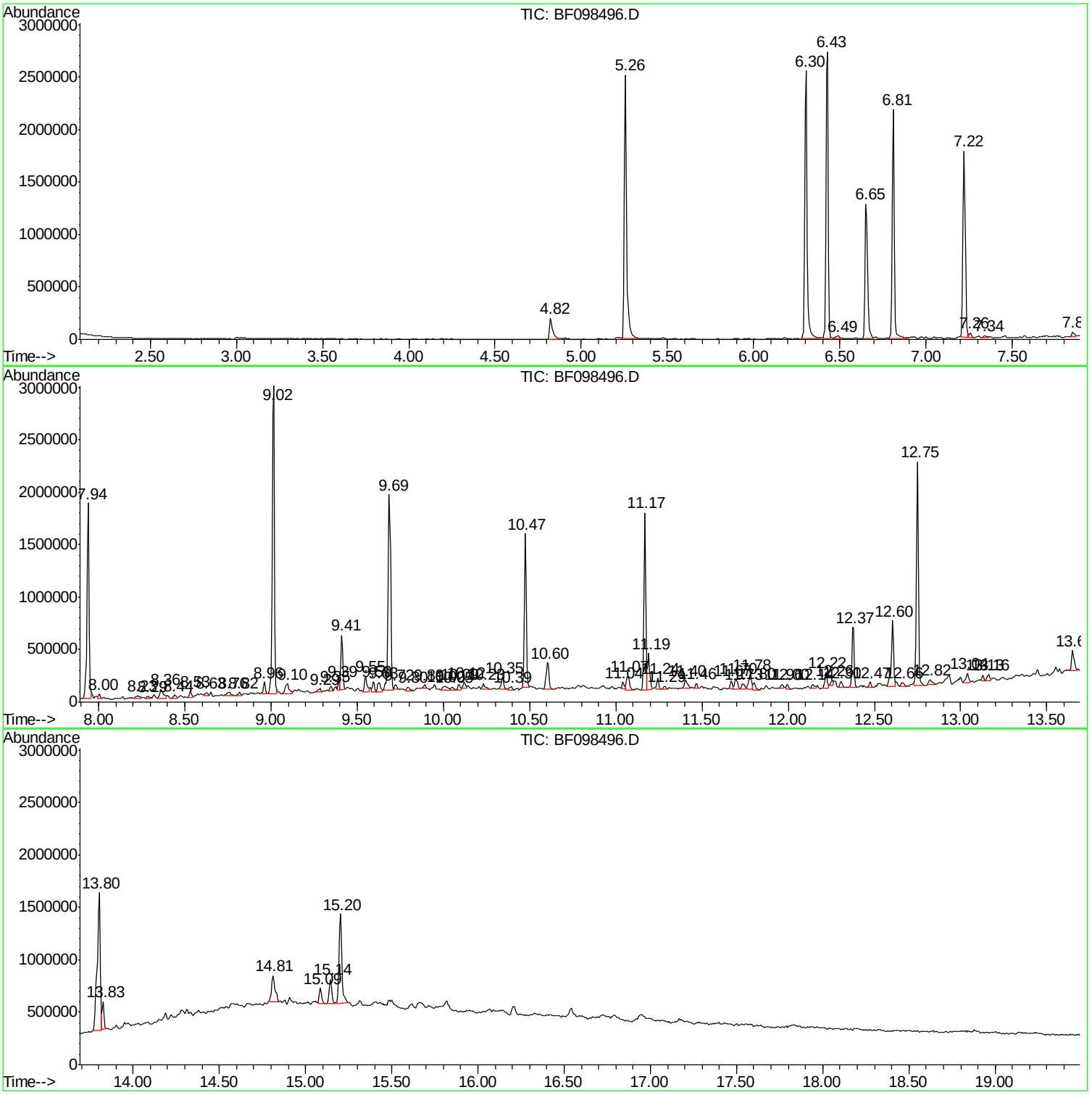
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098496.D
Acq On : 13 Sep 2017 18:20
Operator : SJ/JU
Sample : I5209-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-91117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098496.D
Acq On : 13 Sep 2017 18:20
Operator : SJ/JU
Sample : I5209-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-91117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

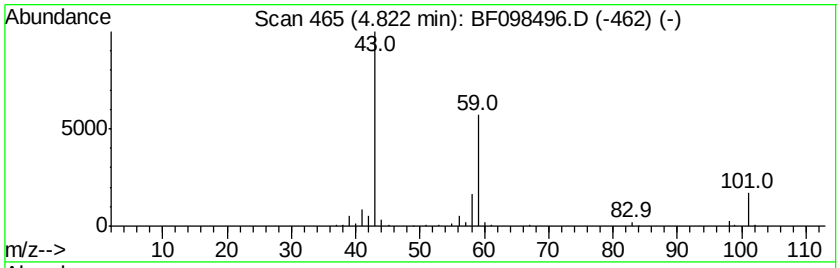
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

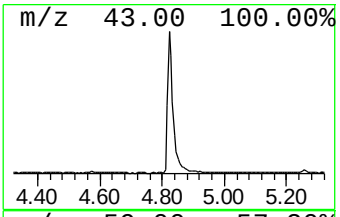
****

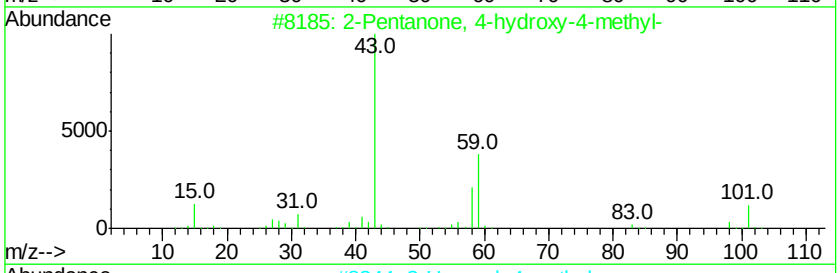
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

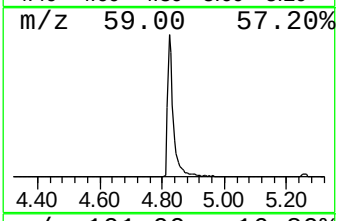
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	4.15 ng	252497	1,4-Dichlorobenzene-d4	6.65

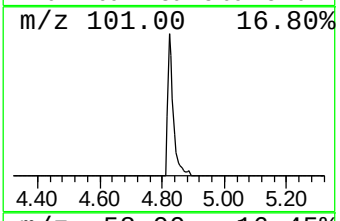
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetone	58	C3H6O	000067-64-1	9

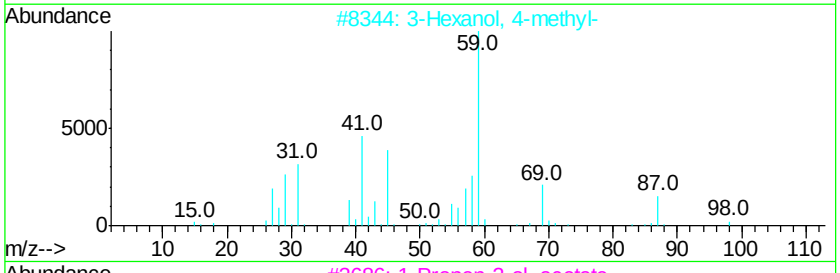


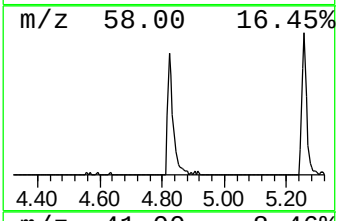


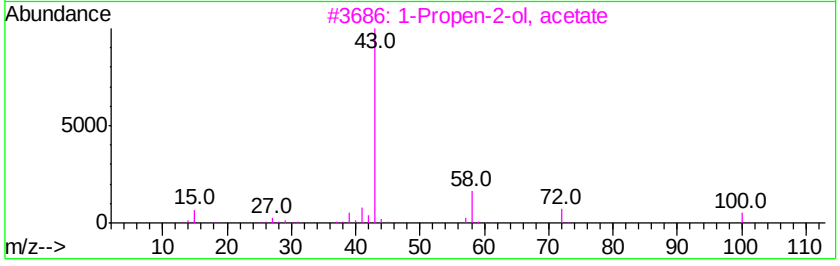


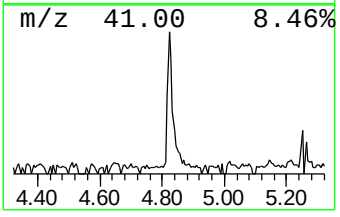












Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098496.D
Acq On : 13 Sep 2017 18:20
Operator : SJ/JU
Sample : I5209-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-91117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

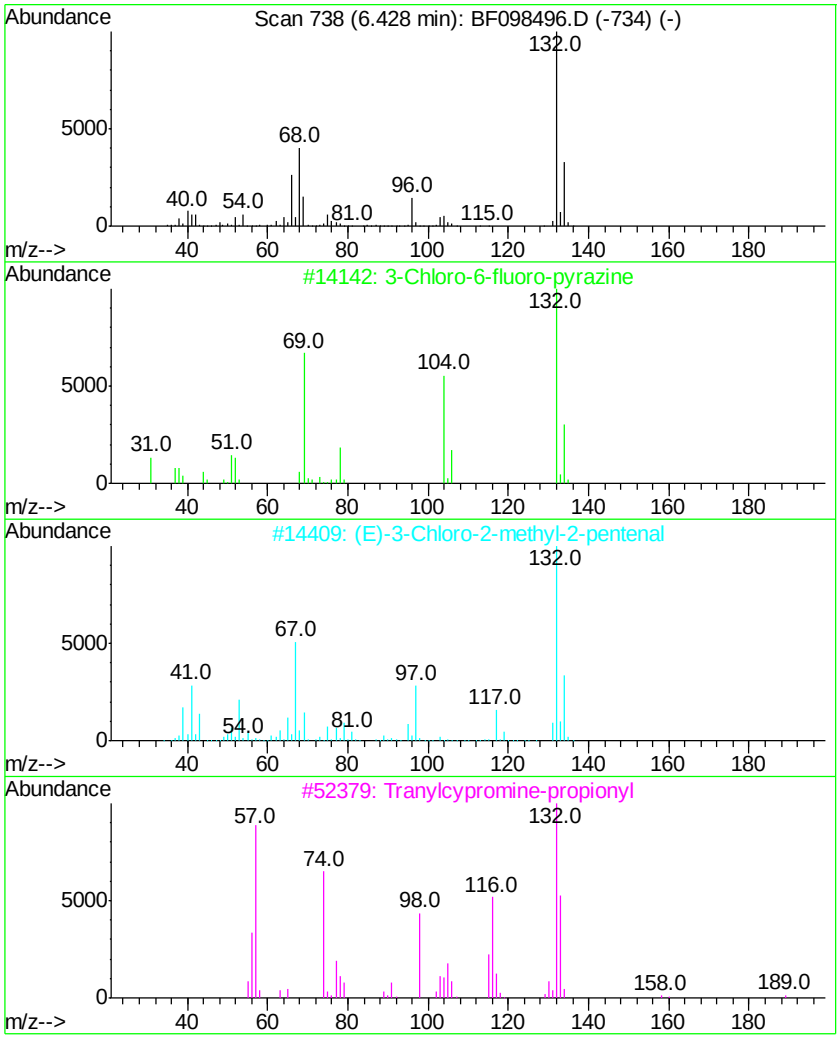
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

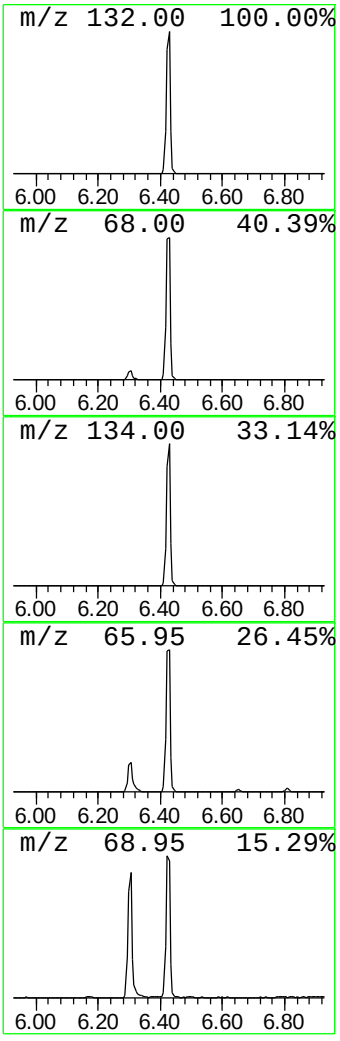
****

Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	41.65 ng	2533590	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

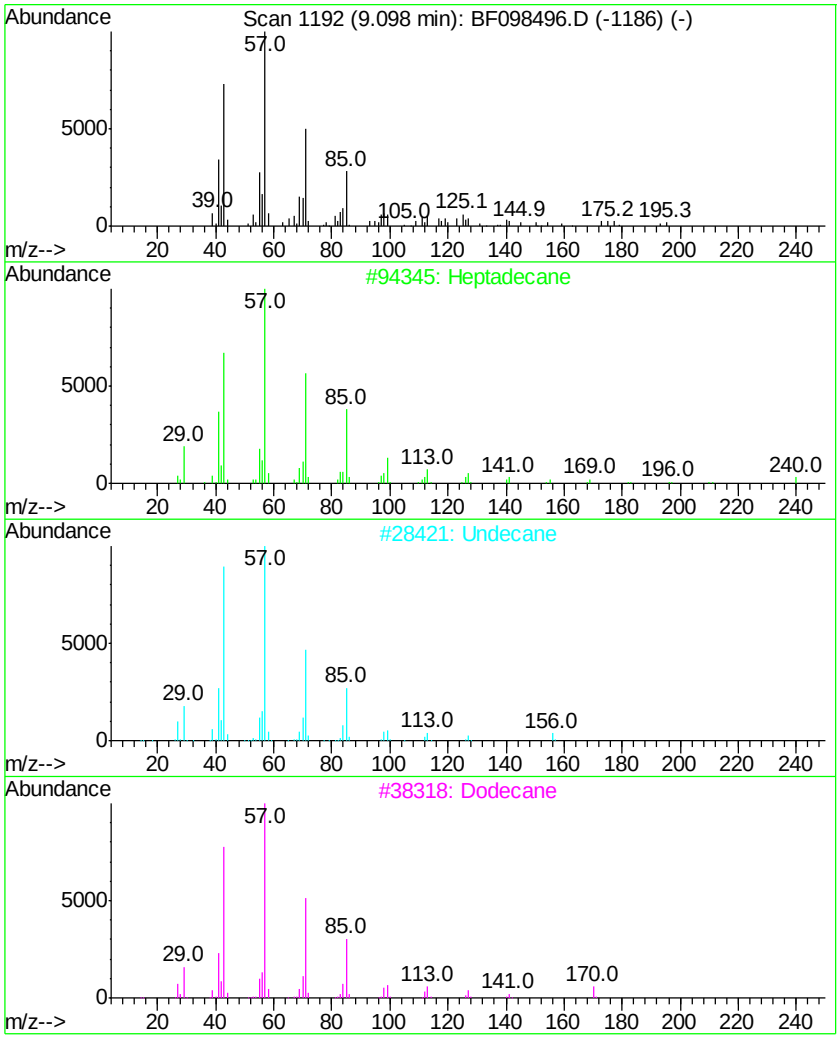
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

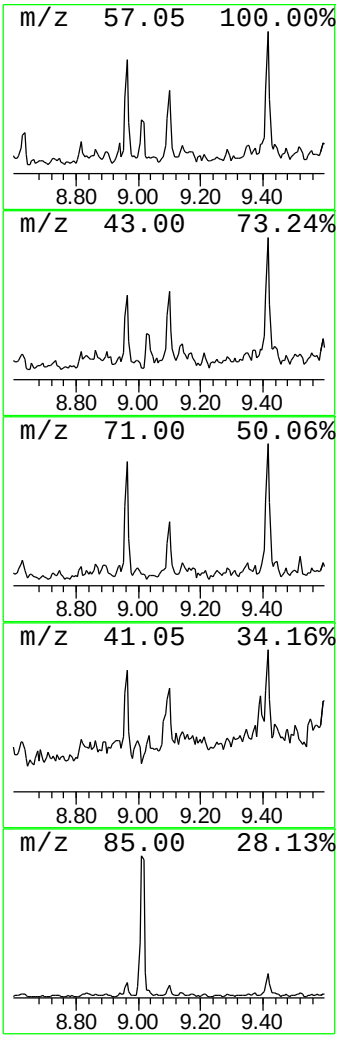
****

Peak Number 4 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	2.03 ng	167391	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	80
2	Undecane	156	C11H24	001120-21-4	72
3	Dodecane	170	C12H26	000112-40-3	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Hexadecane	226	C16H34	000544-76-3	72





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098496.D
Acq On : 13 Sep 2017 18:20
Operator : SJ/JU
Sample : I5209-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-91117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

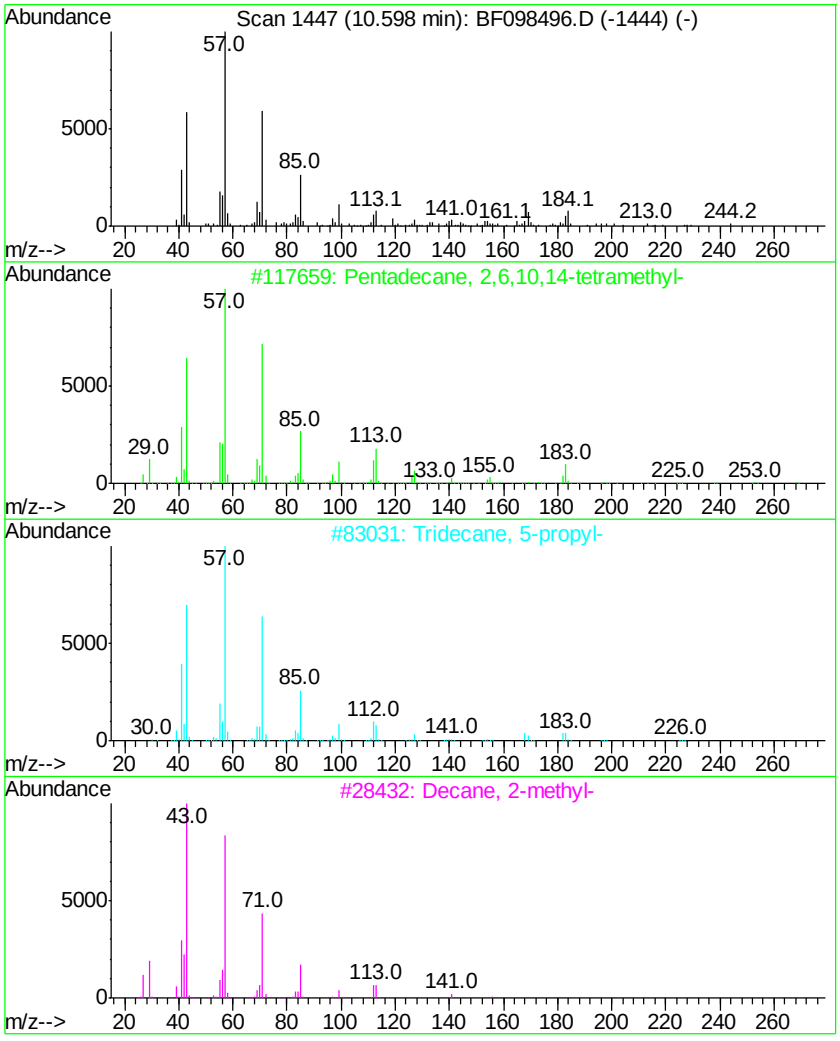
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

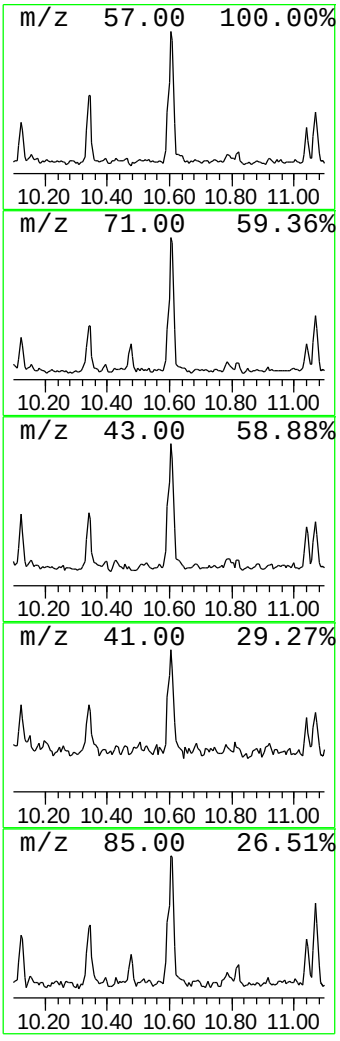
****

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	4.78 ng	330203	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3	Decane, 2-methyl-	156	C11H24	006975-98-0	81
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	70
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	70





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098496.D
Acq On : 13 Sep 2017 18:20
Operator : SJ/JU
Sample : I5209-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-91117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

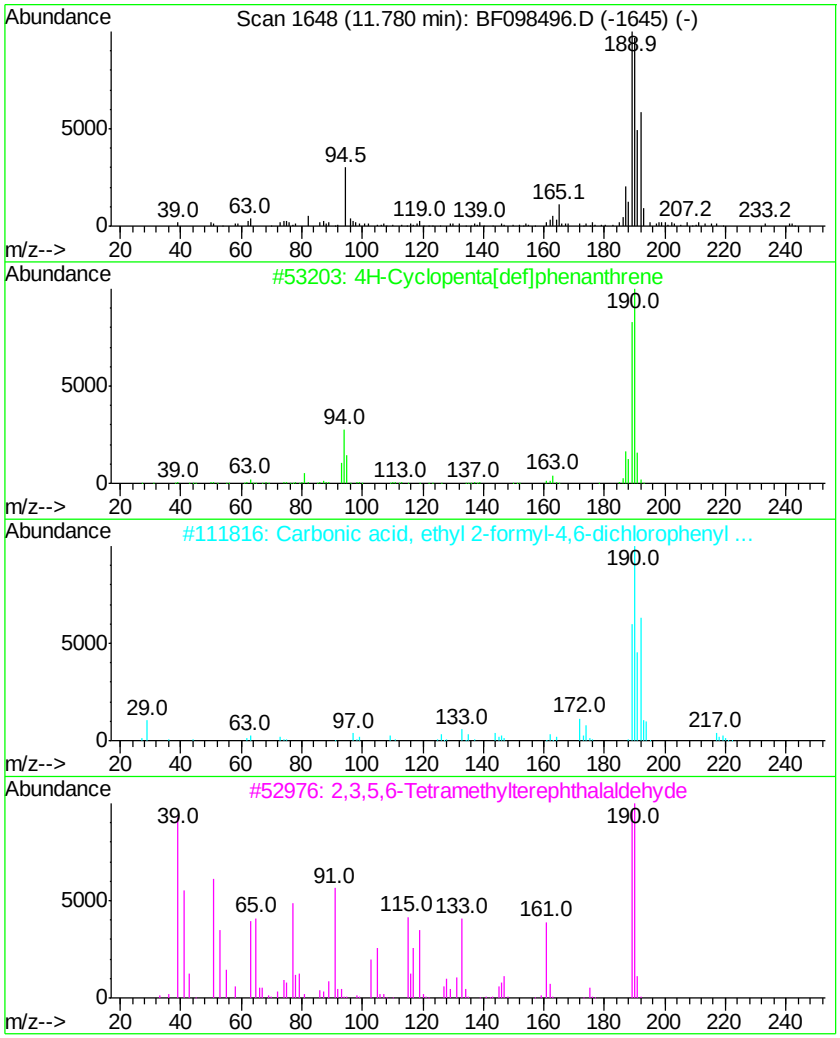
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

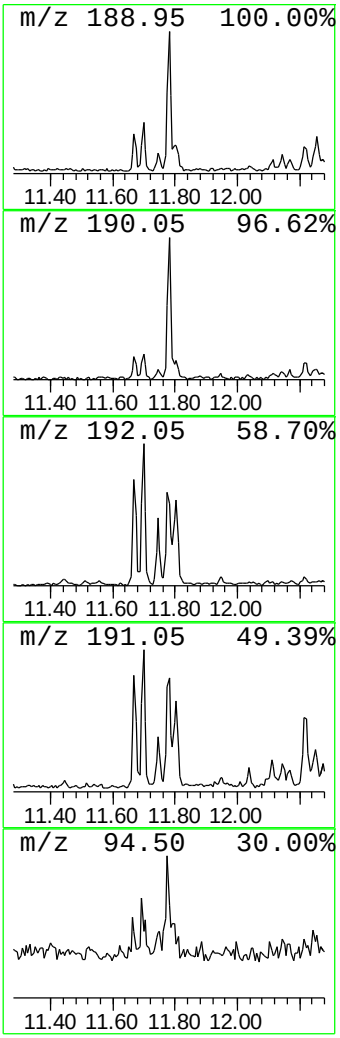
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.19 ng	151446	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	22





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Operator : SJ/JU
Sample : I5209-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-91117

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

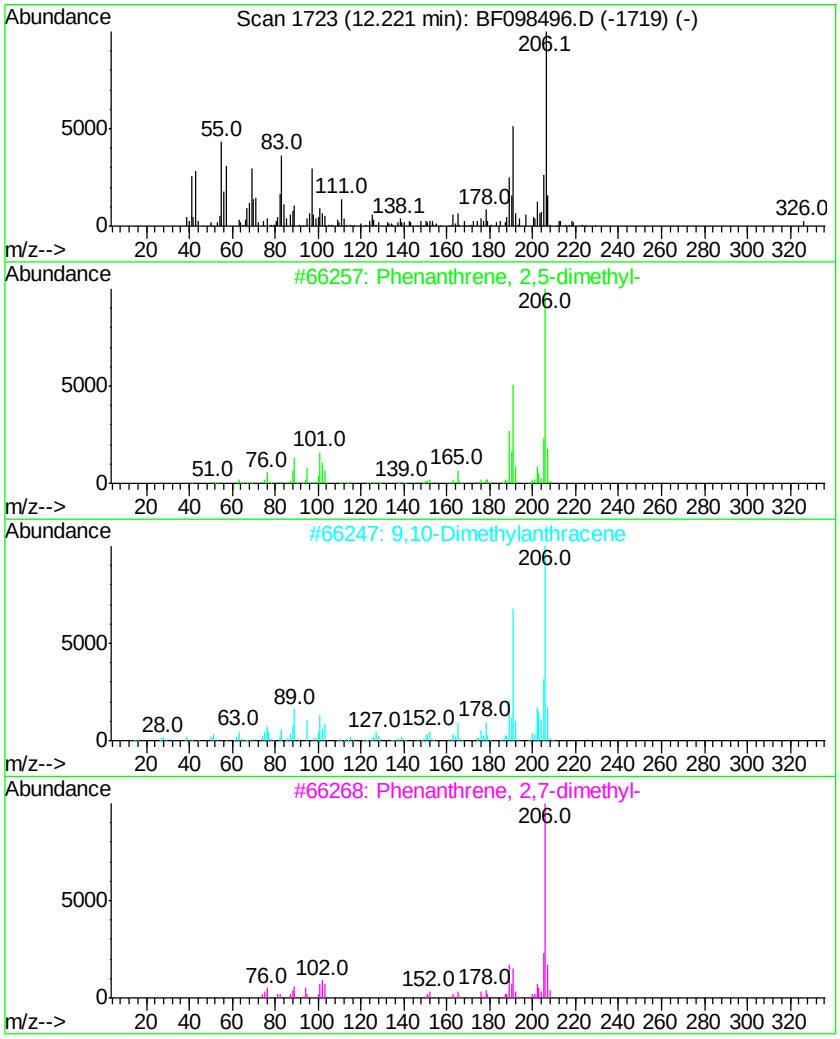
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

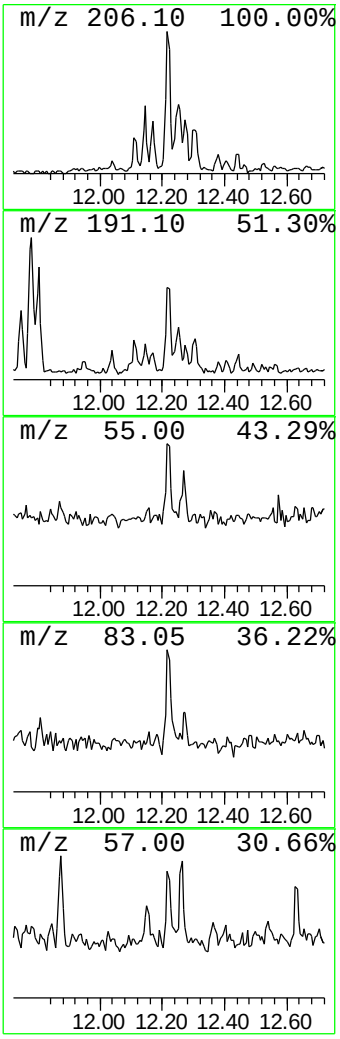
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.29 ng	158028	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098496.D
Acq On : 13 Sep 2017 18:20
Operator : SJ/JU
Sample : I5209-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-91117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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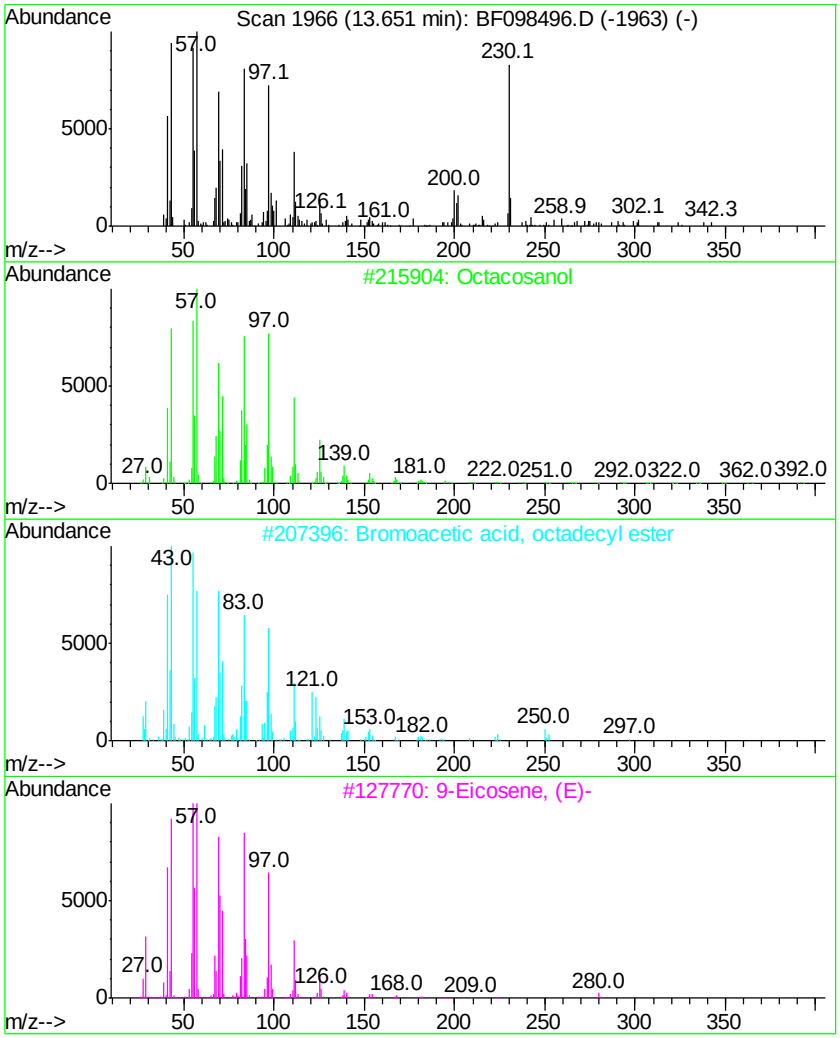
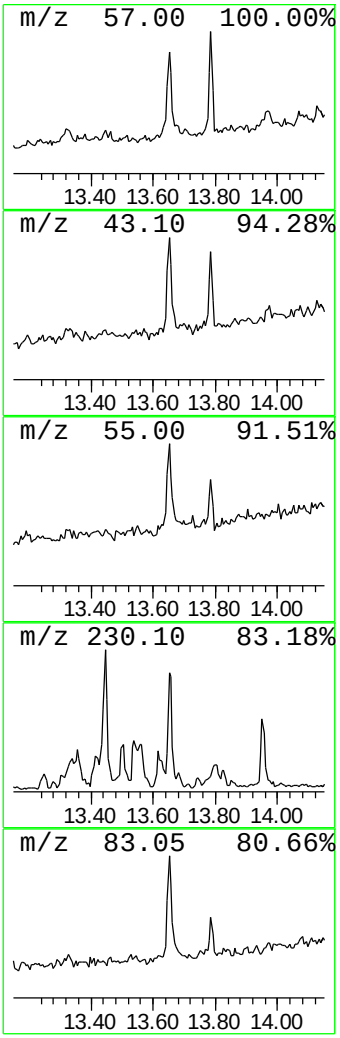
Peak Number 8 Octacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.45 ng	191150	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	70
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	70
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	64
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
5	1-Heneicosanol	312	C21H44O	015594-90-8	58





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF091317\
Data File : BF098496.D
Acq On : 13 Sep 2017 18:20
Operator : SJ/JU
Sample : I5209-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-91117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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
2-Pentanone, 4-hy...	4.82	4.2	ng	252497	1	6.65	1216540	20.0
unknown6.43	6.43	41.6	ng	2533590	1	6.65	1216540	20.0
Heptadecane	9.10	2.0	ng	167391	3	9.69	1651020	20.0
Pentadecane, 2,6,...	10.60	4.8	ng	330203	4	11.17	1382530	20.0
4H-Cyclopenta[def...	11.78	2.2	ng	151446	4	11.17	1382530	20.0
Phenanthrene, 2,5...	12.22	2.3	ng	158028	4	11.17	1382530	20.0
Octacosanol	13.65	2.5	ng	191150	5	13.80	1561870	20.0