LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107007.D
Acq On : 30 Jun 2018 11:56
Operator : JU/SJ
Sample : J3774-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(3-5)

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_F\METHODS\8270-BF061918.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	5.195	482	486	496	rBV	146582	174424	12.75%	1.093%
2	5.601	551	555	567	rBV	1271415	1259918	92.13%	7.893%
3	6.601	720	725	739	rBV	1301741	1283183	93.83%	8.038%
4	6.731	743	747	750	rBV	1473454	1306332	95.52%	8.183%
5	6.954	781	785	788	rBV	442596	388862	28.43%	2.436%
6	7.107	807	811	815	rBV	1206509	1040458	76.08%	6.518%
7	7.519	876	881	884	rBV	855496	814594	59.57%	5.103%
8	8.236	999	1003	1005	rBV	500416	467326	34.17%	2.928%
9	8.948	1121	1124	1128	rVB	19032	15399	1.13%	0.096%
10	9.307	1181	1185	1188	rBV	1604007	1367549	100.00%	8.567%
11	9.701	1248	1252	1257	rVB	202146	166106	12.15%	1.041%
12	9.854	1273	1278	1281	rBV	19665	20367	1.49%	0.128%
13	9.901	1283	1286	1287	rVV	22569	21107	1.54%	0.132%
14	9.930	1287	1291	1298	rVV	42861	82618	6.04%	0.518%
15	9.995	1298	1302	1305	rVV	552803	518407	37.91%	3.248%
16	10.024	1305	1307	1312	rVB	30902	25001	1.83%	0.157%
17	10.401	1368	1371	1374	rVB	36714	30466	2.23%	0.191%
18	10.542	1392	1395	1401	rVB	28498	27542	2.01%	0.173%
19	10.619	1401	1408	1412	rBV4	15549	29565	2.16%	0.185%
20	10.789	1433	1437	1440	rBV	941929	850295	62.18%	5.327%
21	10.871	1448	1451	1456	rBV	35760	37425	2.74%	0.234%
22	11.483	1552	1555	1558	rBV	508420	480538	35.14%	3.010%
23	11.513	1558	1560	1563	rVV	214731	177552	12.98%	1.112%
24	11.560	1563	1568	1573	rVB	44781	45340	3.32%	0.284%
25	11.689	1586	1590	1593	rBV	40480	41796	3.06%	0.262%
26	11.983	1636	1640	1643	rBV2	28088	35582	2.60%	0.223%
27	12.018	1643	1646	1648	rVV	34967	32200	2.35%	0.202%
28	12.066	1651	1654	1657	rBV	14549	15468	1.13%	0.097%
29	12.101	1657	1660	1663	rBV2	43379	49890	3.65%	0.313%
30	12.236	1680	1683	1686	rVB	45125	39686	2.90%	0.249%
31	12.283	1688	1691	1694	rVB	22925	19159	1.40%	0.120%
32	12.313	1694	1696	1699	rBV2	22305	18888	1.38%	0.118%
33	12.536	1732	1734	1738	rVB2	15830	16329	1.19%	0.102%
34	12.577	1738	1741	1747	rVB2	15372	23850	1.74%	0.149%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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Integrator: RTE
Smoothing : ON Filtering: 5
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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_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.630	1747	1750	1757	rVB4	15818	23462	1.72%	0.147%
36	12.707	1759	1763	1767	rBV	341989	309688	22.65%	1.940%
37	12.789	1775	1777	1782	rVB2	54158	42996	3.14%	0.269%
38	12.865	1787	1790	1792	rVV2	17854	26062	1.91%	0.163%
39	12.889	1792	1794	1796	rVV	46009	43493	3.18%	0.272%
40	12.913	1796	1798	1799	rVV2	72329	68736	5.03%	0.431%
41	12.936	1799	1802	1807	rVV	333069	302531	22.12%	1.895%
42	12.983	1807	1810	1815	rVB2	16771	18664	1.36%	0.117%
43	13.071	1820	1825	1828	rBV	1337796	1248121	91.27%	7.819%
44	13.154	1834	1839	1843	rBV2	23806	38523	2.82%	0.241%
45	13.260	1849	1857	1862	rBV2	51628	88650	6.48%	0.555%
46	13.330	1866	1869	1871	rBV	25447	22880	1.67%	0.143%
47	13.365	1871	1875	1877	rBV2	29673	33898	2.48%	0.212%
48	13.495	1894	1897	1899	rBV2	16387	16137	1.18%	0.101%
49	13.577	1907	1911	1914	rVB5	19313	25895	1.89%	0.162%
50	13.612	1914	1917	1919	rBV2	19841	18077	1.32%	0.113%
51	13.777	1942	1945	1947	rBV	34142	31950	2.34%	0.200%
52	13.883	1961	1963	1966	rBV	28522	27254	1.99%	0.171%
53	13.912	1966	1968	1970	rVV	28980	22907	1.68%	0.144%
54	13.948	1970	1974	1978	rVV4	132086	151657	11.09%	0.950%
55	13.983	1978	1980	1985	rVB	39720	38792	2.84%	0.243%
56	14.089	1996	1998	2002	rBV	28803	33421	2.44%	0.209%
57	14.142	2002	2007	2010	rVV2	662198	809376	59.18%	5.070%
58	14.165	2010	2011	2017	rVB	205323	147341	10.77%	0.923%
59	14.248	2023	2025	2027	rBV	33658	27543	2.01%	0.173%
60	14.536	2072	2074	2076	rVB	32473	25162	1.84%	0.158%
61	14.865	2128	2130	2132	rBV3	24403	28800	2.11%	0.180%
62	14.983	2147	2150	2154	rVB	68168	73258	5.36%	0.459%
63	15.224	2187	2191	2195	rBV	172087	281415	20.58%	1.763%
64	15.342	2208	2211	2215	rVB	37780	39060	2.86%	0.245%
65	15.548	2243	2246	2252	rVB	94500	132879	9.72%	0.832%
66	15.618	2253	2258	2262	rBV	140078	188812	13.81%	1.183%
67	15.683	2264	2269	2273	rBV	409358	527854	38.60%	3.307%
68	17.259	2532	2537	2546	rVB2	59201	124502	9.10%	0.780%

Sum of corrected areas: 15963018

LSC Report - Integrated Chromatogram

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Operator : JU/SJ
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Misc :
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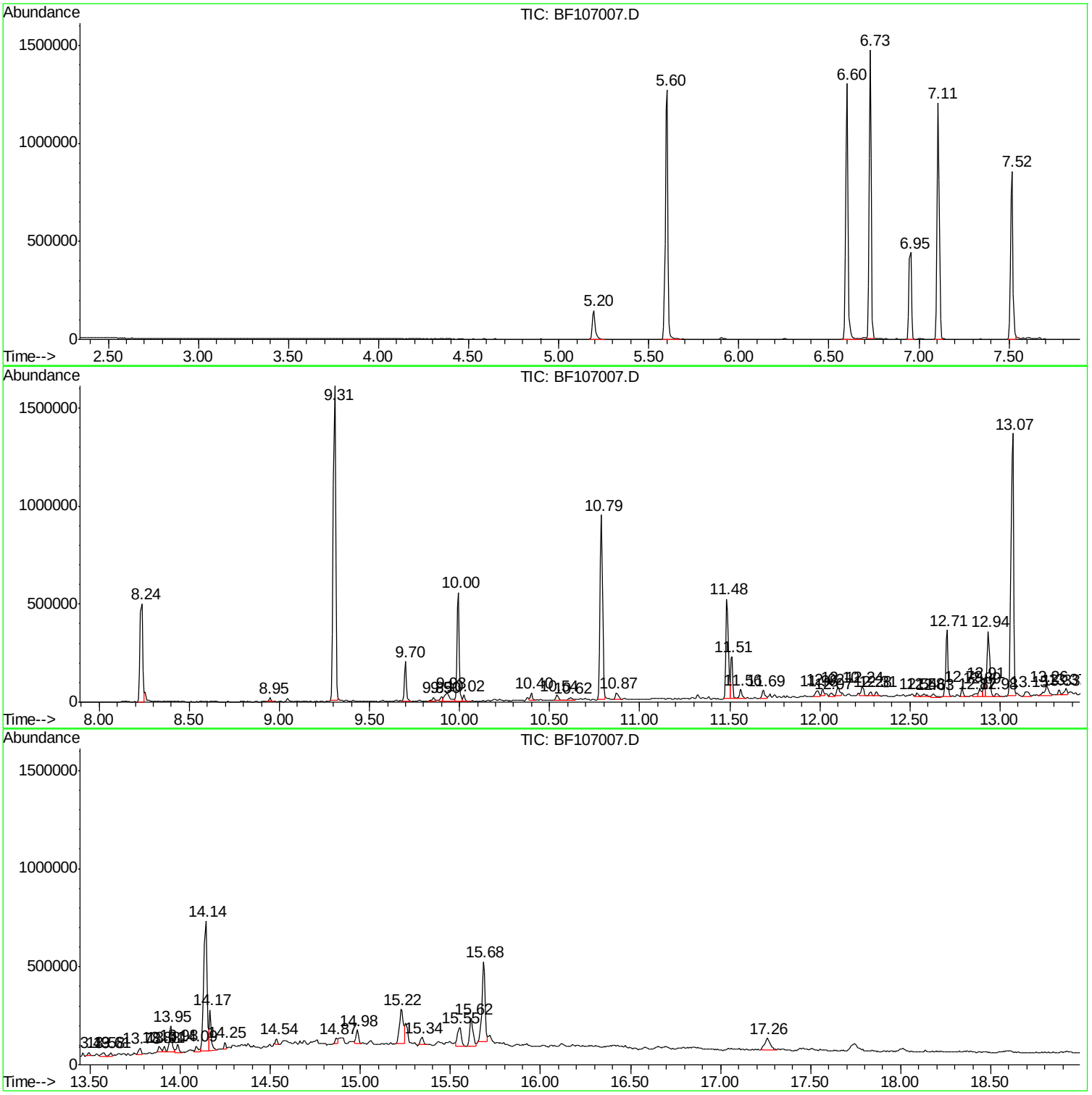
Instrument : BNA_F
ClientSampleId : SB-5(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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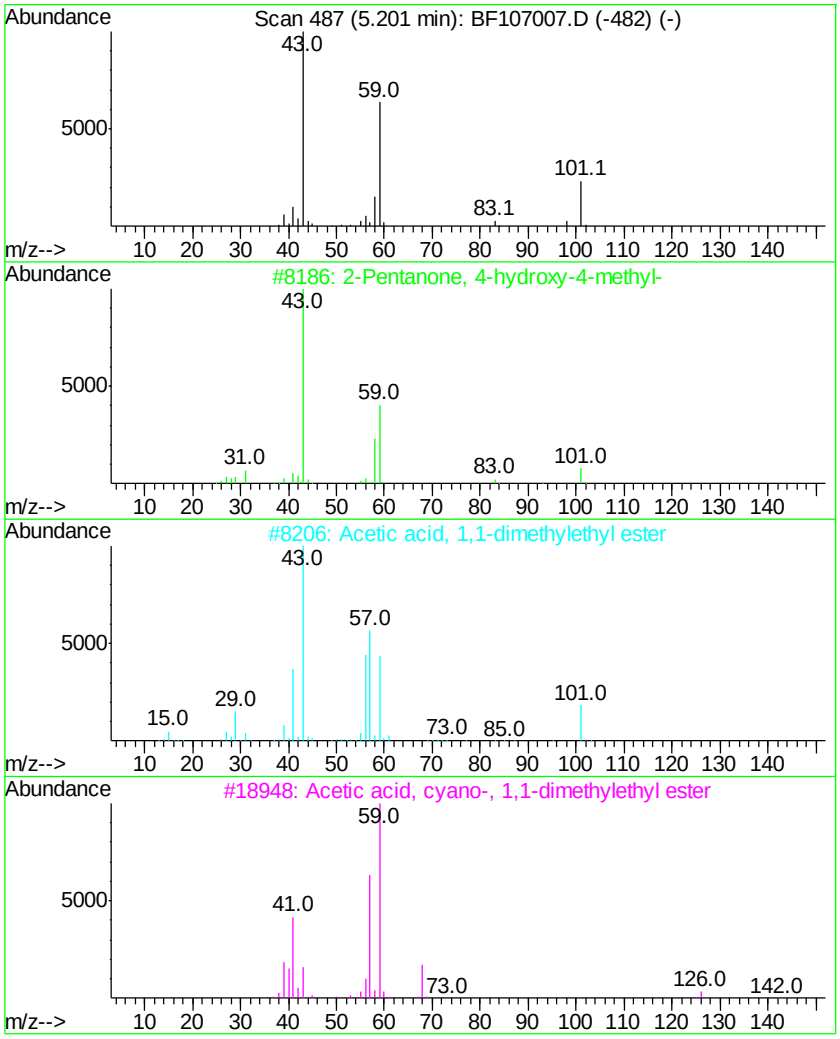
TIC Integration Parameters: LSCINT.P

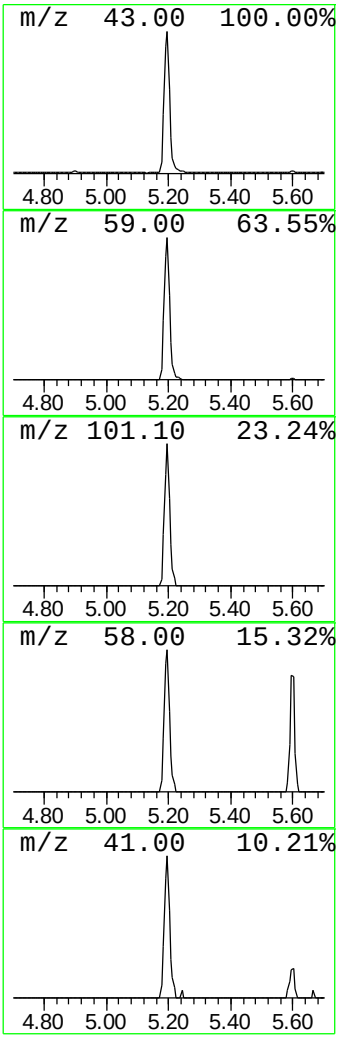
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	8.97 ng	174424	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107007.D
Acq On : 30 Jun 2018 11:56
Operator : JU/SJ
Sample : J3774-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

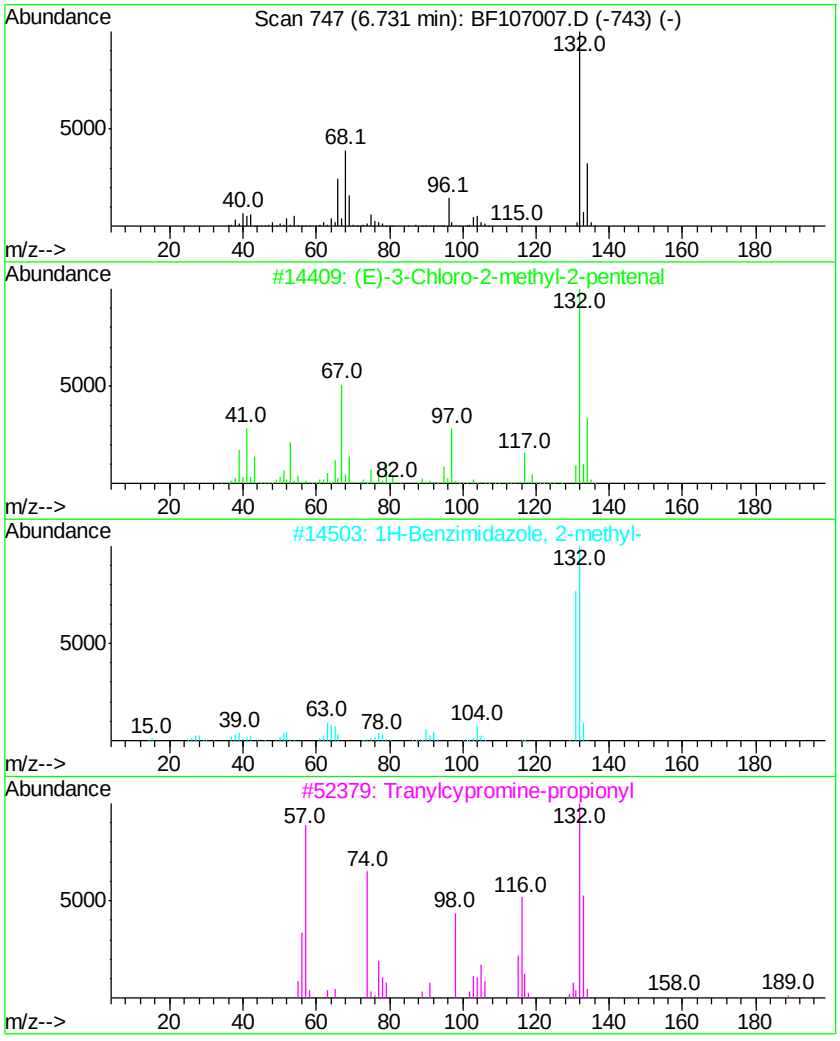
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

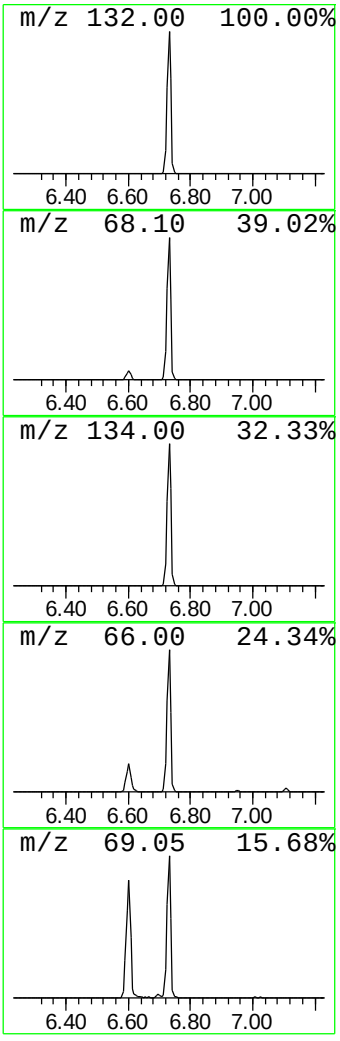
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	67.19 ng	1306330	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Operator : JU/SJ
Sample : J3774-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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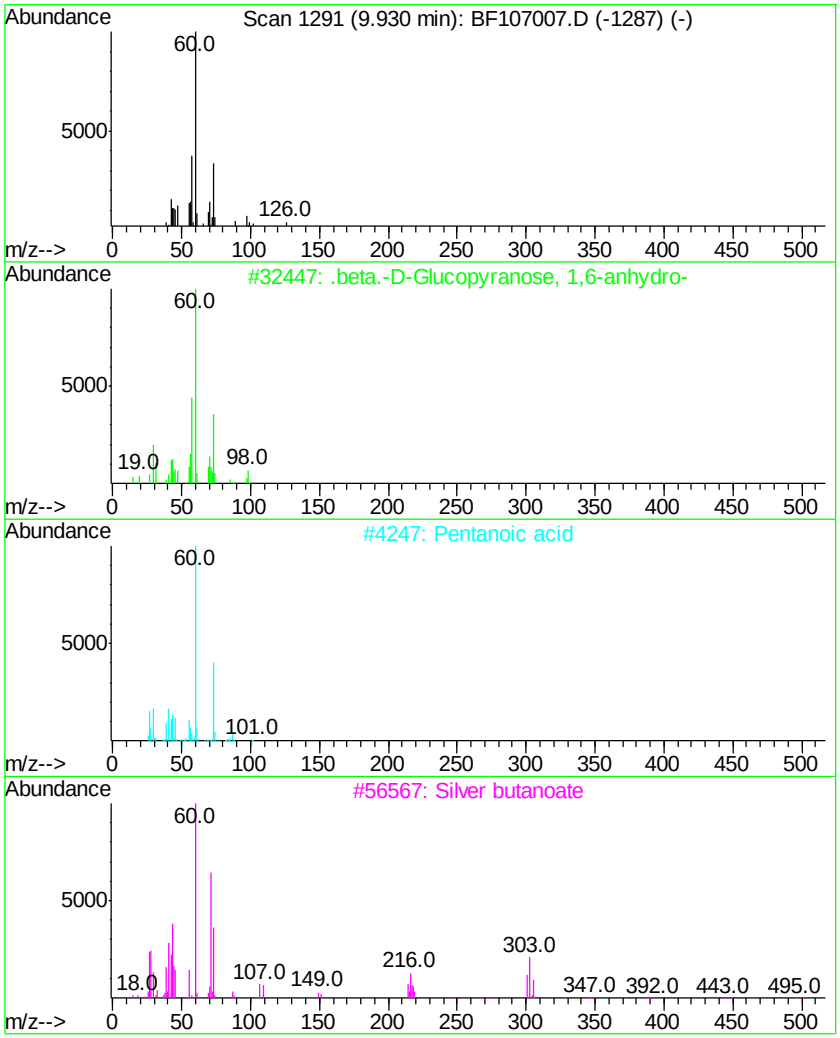
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

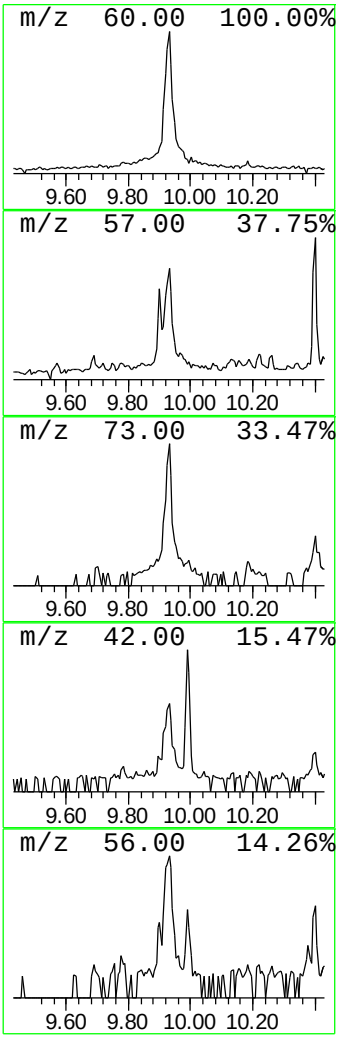
****

Peak Number 4 .beta.-D-Glucopyranose, 1,6... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	3.19 ng	82618	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-D-Glucopyranose, 1,6-anhy...	162	C6H10O5	000498-07-7	64
2	Pentanoic acid	102	C5H10O2	000109-52-4	50
3	Silver butanoate	194	C4H7AgO2	005076-24-4	42
4	Hexanoic acid	116	C6H12O2	000142-62-1	40
5	Butanoic acid	88	C4H8O2	000107-92-6	36





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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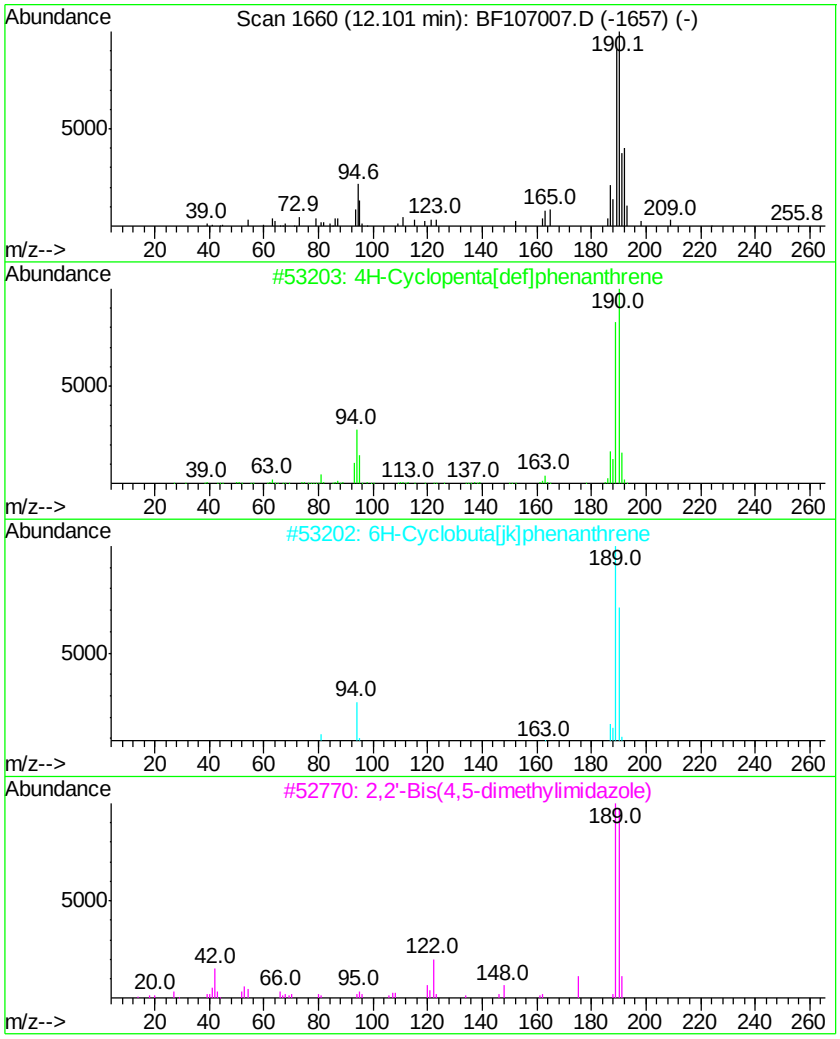
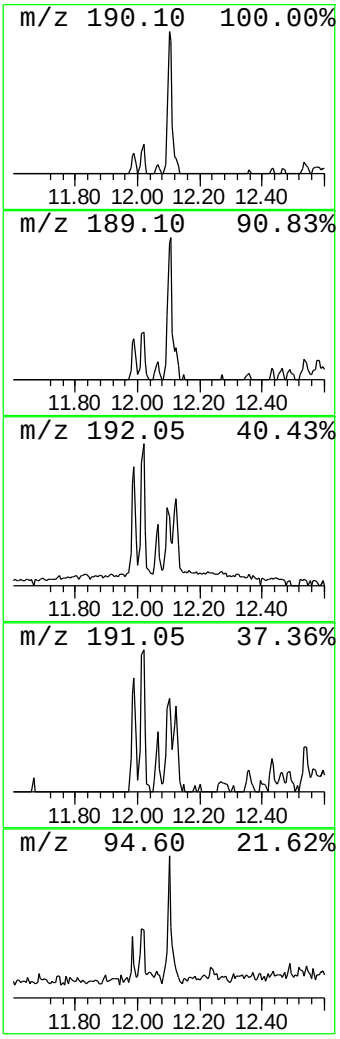
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.08 ng	49890	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	38
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
4	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	28
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17





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Instrument : BNA_F
ClientSampleId : SB-5(3-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

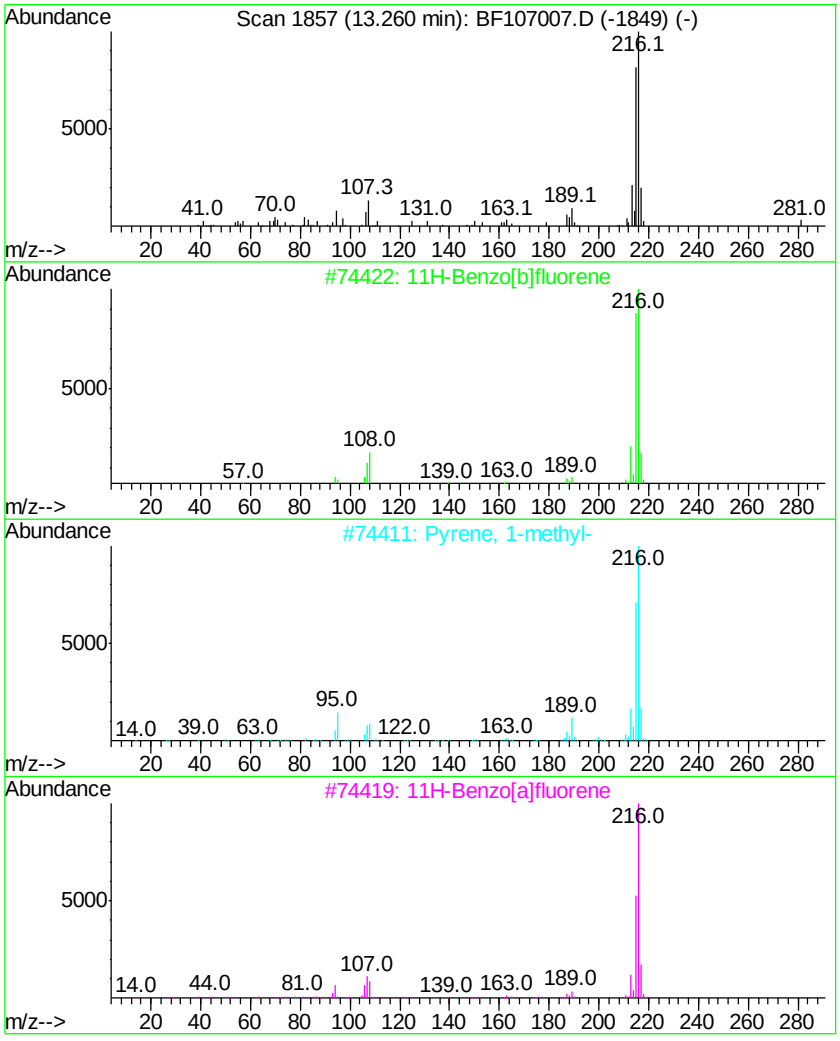
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

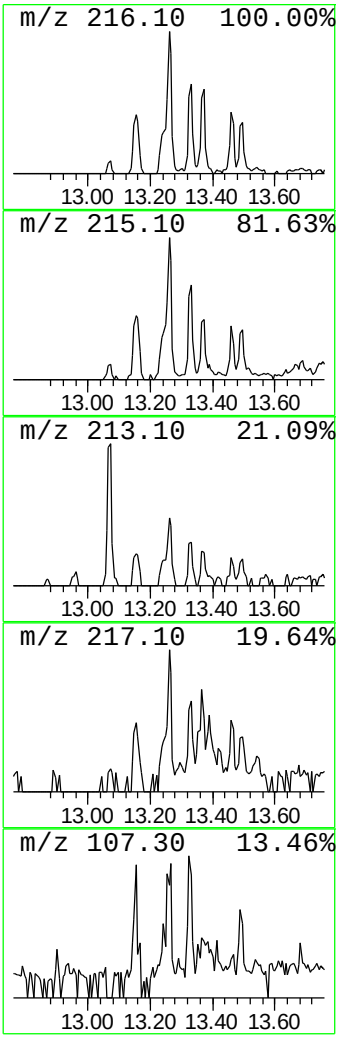
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.19 ng	88650	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Instrument : BNA_F
ClientSampleId : SB-5(3-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

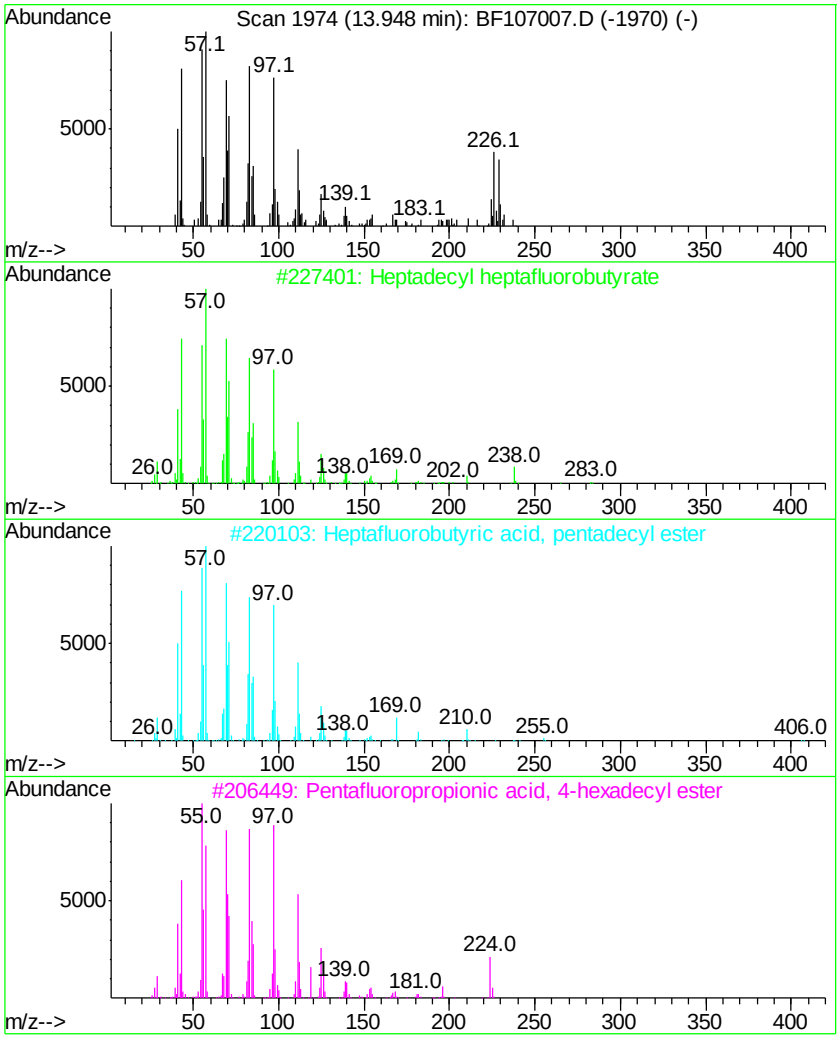
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

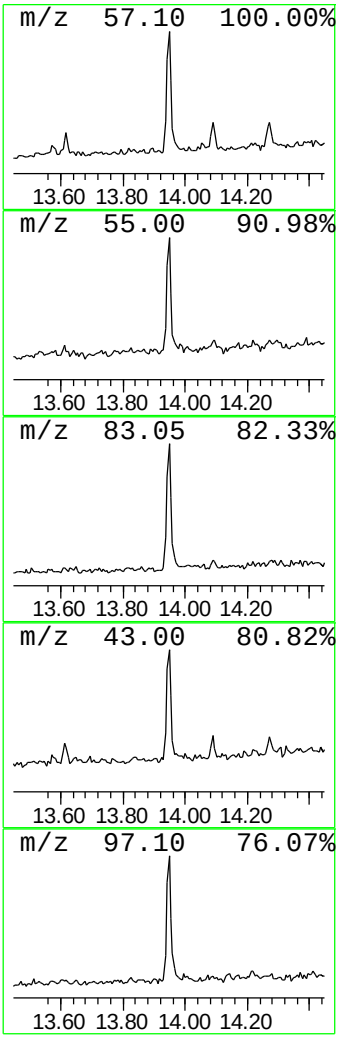
****

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.75 ng	151657	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
3	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	87
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
5	Cyclohexadecane	224	C16H32	000295-65-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
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Instrument : BNA_F
ClientSampleId : SB-5(3-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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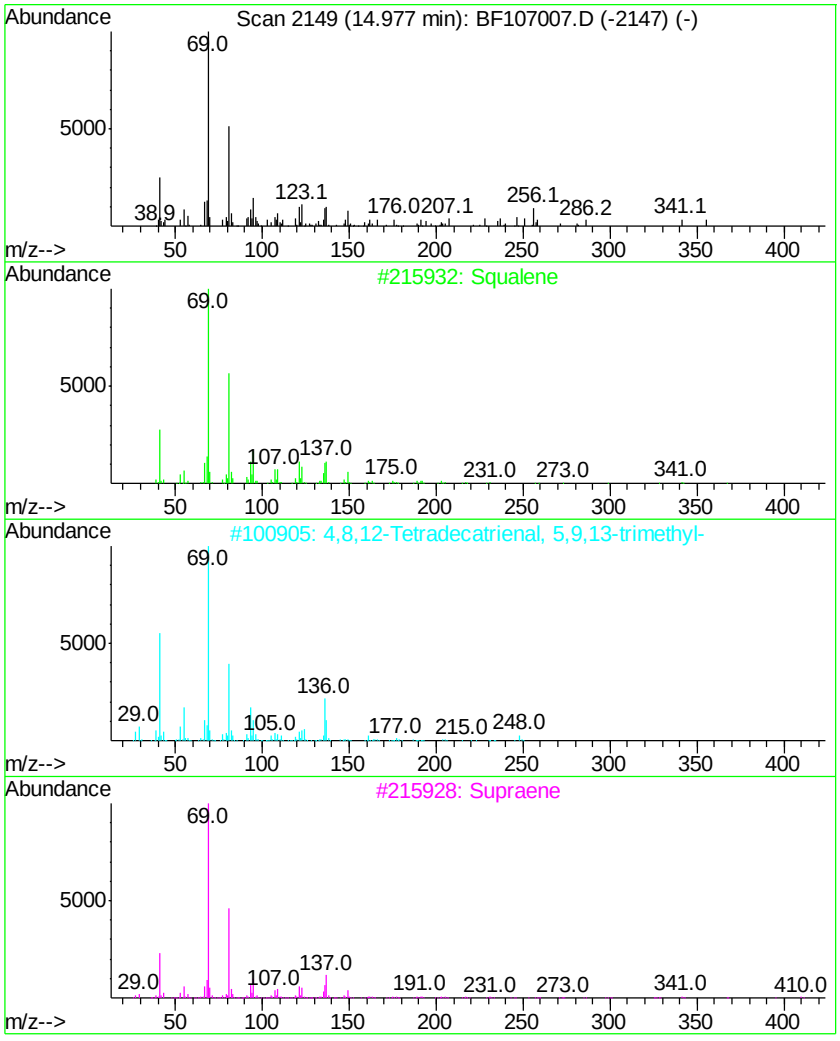
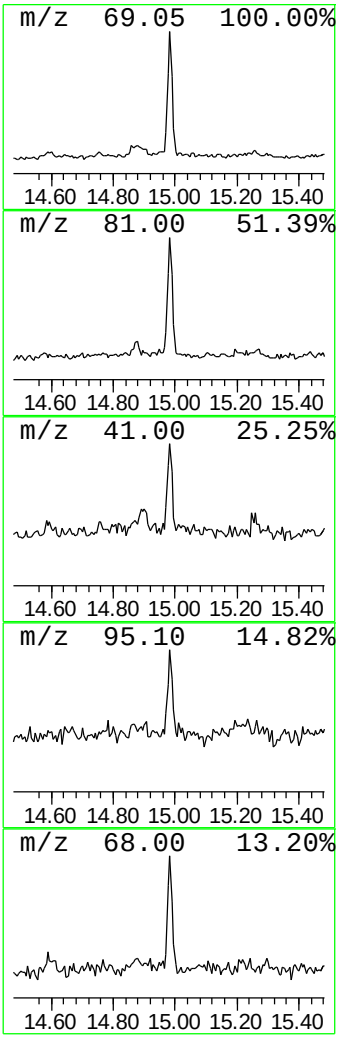
Peak Number 8 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.78 ng	73258	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
3	Supraene	410	C30H50	007683-64-9	68
4	Farnesol isomer a	222	C15H26O	1000108-92-4	64
5	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107007.D
Acq On : 30 Jun 2018 11:56
Operator : JU/SJ
Sample : J3774-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

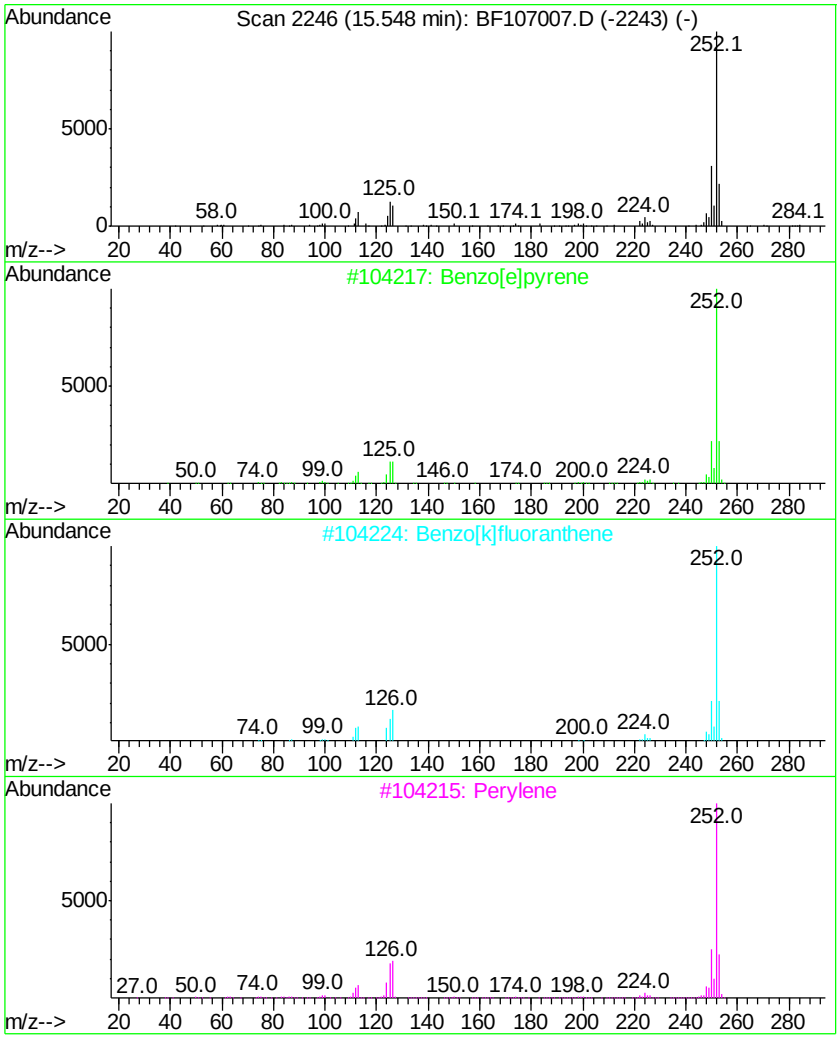
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

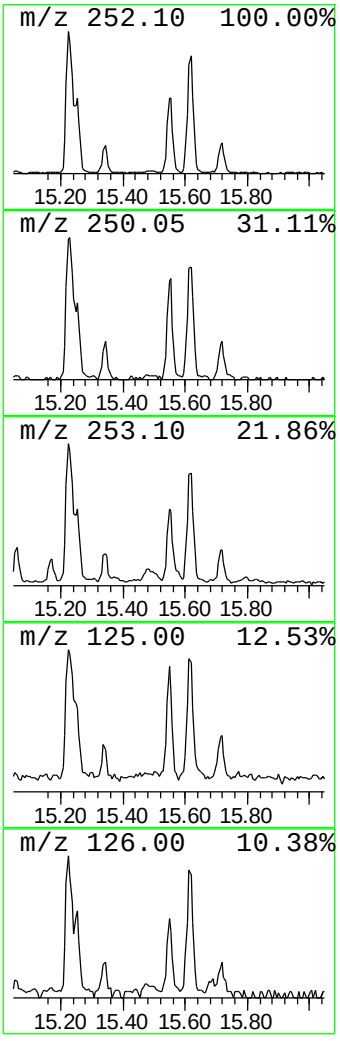
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	5.03 ng	132879	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF063018\
Data File : BF107007.D
Acq On : 30 Jun 2018 11:56
Operator : JU/SJ
Sample : J3774-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.20	9.0	ng	174424	1	6.95	388862	20.0
unknown6.73	6.73	67.2	ng	1306330	1	6.95	388862	20.0
.beta.-D-Glucopyr...	9.93	3.2	ng	82618	3	10.00	518407	20.0
4H-Cyclopenta[def...	12.10	2.1	ng	49890	4	11.48	480538	20.0
11H-Benzo[b]fluorene	13.26	2.2	ng	88650	5	14.14	809376	20.0
Heptadecyl heptaf...	13.95	3.8	ng	151657	5	14.14	809376	20.0
Squalene	14.98	2.8	ng	73258	6	15.68	527854	20.0
Benzo[e]pyrene	15.55	5.0	ng	132879	6	15.68	527854	20.0