LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106982.D
Acq On : 29 Jun 2018 19:20
Operator : JU/SJ
Sample : J3732-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-8(3-8)

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	rVB	164463	207759	11.49%	1.114%
2	5.595	550	554	566	rBV	1623875	1650364	91.31%	8.851%
3	6.601	720	725	738	rVB	1533592	1694236	93.74%	9.087%
4	6.731	743	747	750	rBV	1766563	1700505	94.09%	9.120%
5	6.954	781	785	788	rBV	451239	389349	21.54%	2.088%
6	7.107	807	811	815	rBV	1421793	1357537	75.11%	7.281%
7	7.519	876	881	884	rBV	1114605	1073995	59.42%	5.760%
8	8.236	999	1003	1006	rBV	520019	463371	25.64%	2.485%
9	9.307	1181	1185	1188	rBV	2034500	1807395	100.00%	9.694%
10	9.701	1248	1252	1257	rVB	217828	189484	10.48%	1.016%
11	9.854	1274	1278	1283	rBV	22935	21083	1.17%	0.113%
12	9.901	1283	1286	1289	rBV	29489	23111	1.28%	0.124%
13	9.995	1298	1302	1305	rBV	509394	466861	25.83%	2.504%
14	10.401	1369	1371	1374	rVB	49930	34620	1.92%	0.186%
15	10.789	1433	1437	1440	rBV	1147072	1055369	58.39%	5.660%
16	10.871	1449	1451	1457	rBV	38291	40089	2.22%	0.215%
17	11.324	1525	1528	1531	rBV2	26921	23432	1.30%	0.126%
18	11.483	1552	1555	1558	rBV	454930	430156	23.80%	2.307%
19	11.507	1558	1559	1563	rVB	146014	107322	5.94%	0.576%
20	11.560	1566	1568	1573	rBV	38318	36343	2.01%	0.195%
21	11.989	1637	1641	1643	rBV	30655	28731	1.59%	0.154%
22	12.013	1643	1645	1650	rVB2	39686	38405	2.12%	0.206%
23	12.101	1657	1660	1662	rBV2	47299	50745	2.81%	0.272%
24	12.283	1686	1691	1694	rBV	25753	24390	1.35%	0.131%
25	12.536	1731	1734	1737	rBV3	33885	37142	2.06%	0.199%
26	12.630	1746	1750	1754	rVB3	21224	26911	1.49%	0.144%
27	12.707	1759	1763	1766	rBV	373392	350367	19.39%	1.879%
28	12.801	1776	1779	1782	rBV	27394	23698	1.31%	0.127%
29	12.860	1784	1789	1794	rVB3	53326	60165	3.33%	0.323%
30	12.913	1795	1798	1799	rBV	67758	56211	3.11%	0.301%
31	12.936	1799	1802	1807	rVB	366411	330341	18.28%	1.772%
32	12.983	1807	1810	1817	rVB3	23179	22899	1.27%	0.123%
33	13.071	1817	1825	1828	rBV	1816077	1661188	91.91%	8.910%
34	13.148	1834	1838	1843	rBV5	30580	54161	3.00%	0.290%

LSC Area Percent Report

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Acq On : 29 Jun 2018 19:20
Operator : JU/SJ
Sample : J3732-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-8(3-8)

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

35	13.242	1850	1854	1855	rBV2	27512	33961	1.88%	0.182%
36	13.260	1855	1857	1862	rVB	63927	61875	3.42%	0.332%
37	13.330	1866	1869	1871	rVV	37651	33857	1.87%	0.182%
38	13.365	1871	1875	1878	rVB2	44379	51224	2.83%	0.275%
39	13.495	1894	1897	1899	rBV3	22509	23213	1.28%	0.124%
40	13.777	1942	1945	1948	rVB	41124	37696	2.09%	0.202%
41	13.883	1958	1963	1966	rBV2	43521	54449	3.01%	0.292%
42	13.912	1966	1968	1970	rVV	47857	40538	2.24%	0.217%
43	13.948	1970	1974	1978	rVV3	73472	99436	5.50%	0.533%
44	13.983	1978	1980	1984	rVB	37770	36697	2.03%	0.197%
45	14.065	1988	1994	1996	rBV5	13922	27757	1.54%	0.149%
46	14.142	2000	2007	2010	rVV2	627490	811742	44.91%	4.354%
47	14.165	2010	2011	2018	rVB	217587	171586	9.49%	0.920%
48	14.224	2018	2021	2023	rBV4	21208	22268	1.23%	0.119%
49	14.377	2045	2047	2050	rVB2	24513	20845	1.15%	0.112%
50	14.536	2070	2074	2077	rBV	56697	56285	3.11%	0.302%
51	14.571	2077	2080	2081	rBV2	26719	21406	1.18%	0.115%
52	14.671	2094	2097	2098	rBV3	21591	20690	1.14%	0.111%
53	14.689	2098	2100	2103	rVV3	25149	23415	1.30%	0.126%
54	14.759	2106	2112	2116	rVB2	89487	99780	5.52%	0.535%
55	14.901	2134	2136	2140	rVB4	28293	32098	1.78%	0.172%
56	14.989	2147	2151	2156	rVB3	29888	39702	2.20%	0.213%
57	15.059	2159	2163	2166	rBV3	20133	29461	1.63%	0.158%
58	15.224	2187	2191	2195	rBV	159751	266154	14.73%	1.427%
59	15.342	2207	2211	2215	rVB	44468	48320	2.67%	0.259%
60	15.548	2242	2246	2253	rVB	85073	120866	6.69%	0.648%
61	15.618	2253	2258	2262	rBV	137556	172839	9.56%	0.927%
62	15.683	2263	2269	2273	rVV	283170	385751	21.34%	2.069%
63	15.718	2273	2275	2282	rVB2	42314	56659	3.13%	0.304%
64	17.253	2531	2536	2545	rVB3	51850	110510	6.11%	0.593%
65	17.736	2612	2618	2627	rVB	33766	76350	4.22%	0.409%
66	18.000	2658	2663	2668	rBV4	9413	19903	1.10%	0.107%

Sum of corrected areas: 18645068

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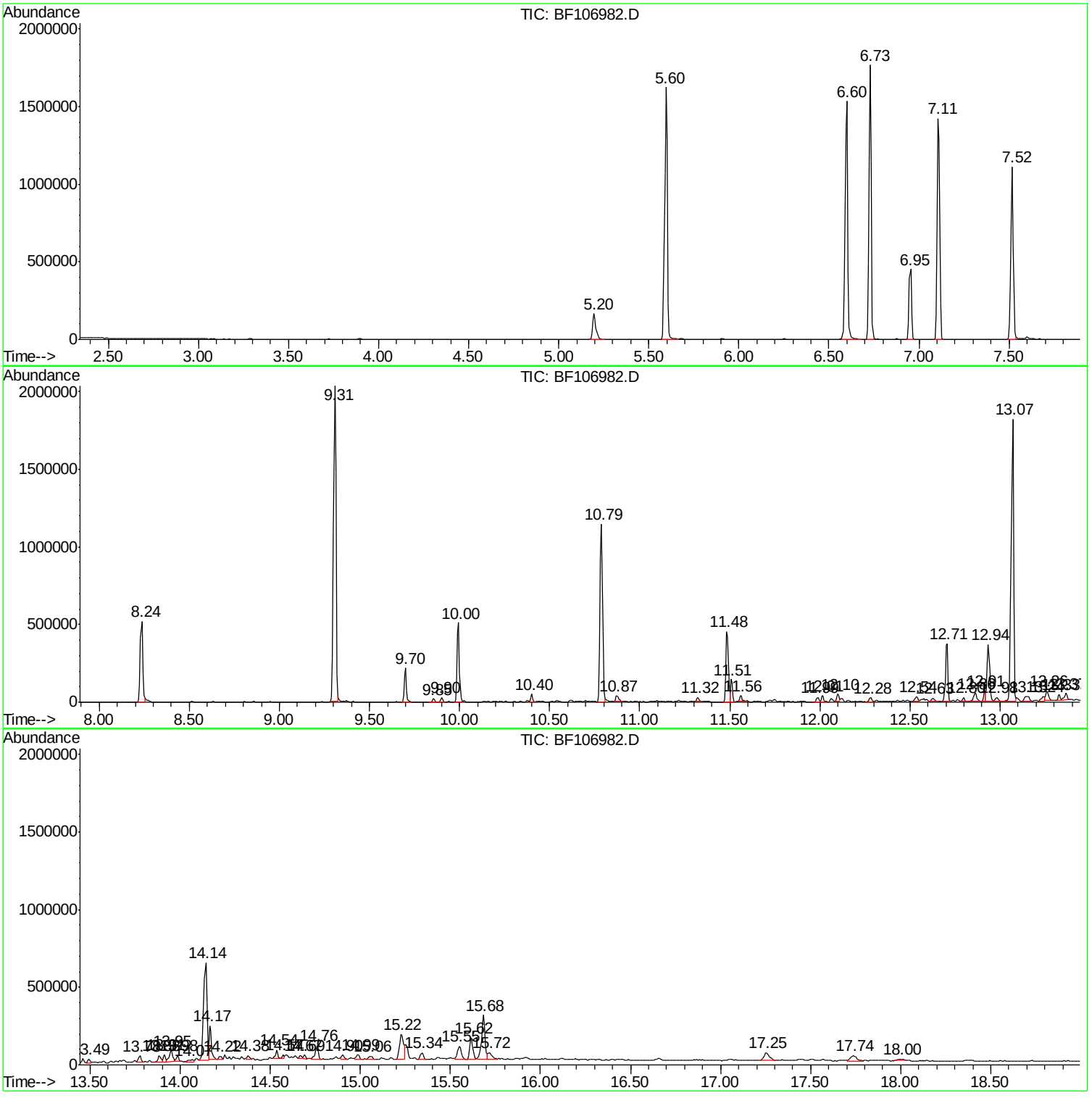
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(3-8)

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106982.D
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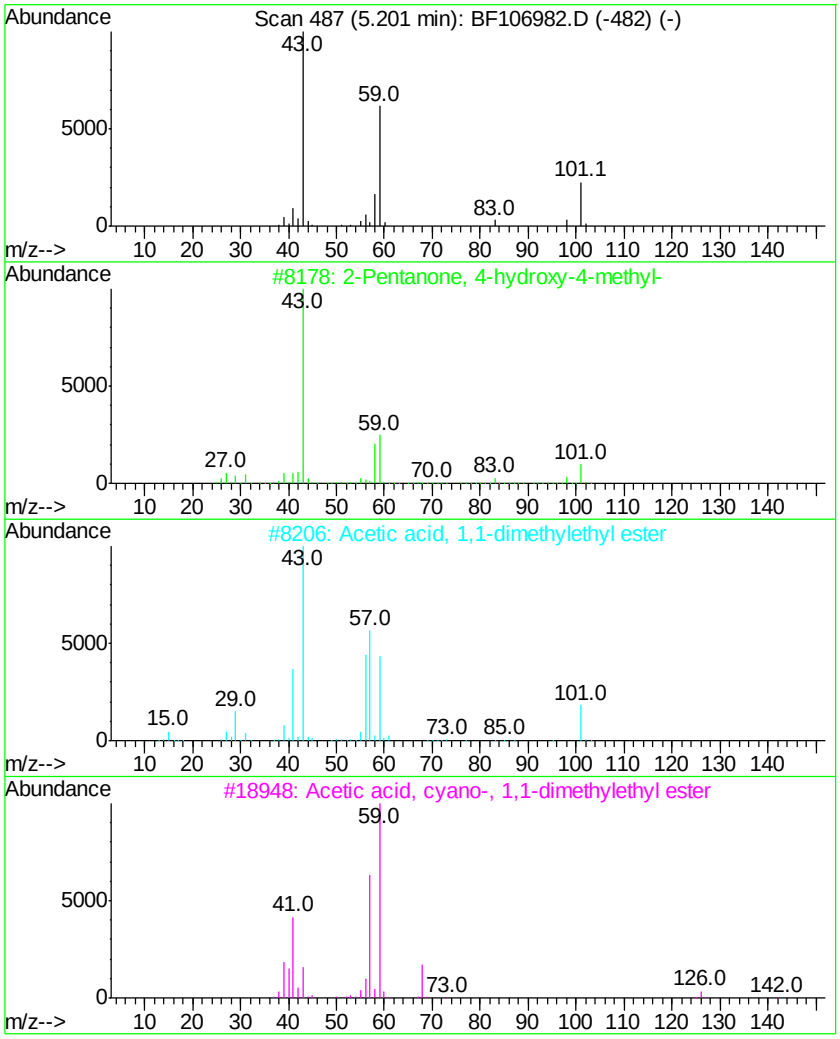
TIC Integration Parameters: LSCINT.P

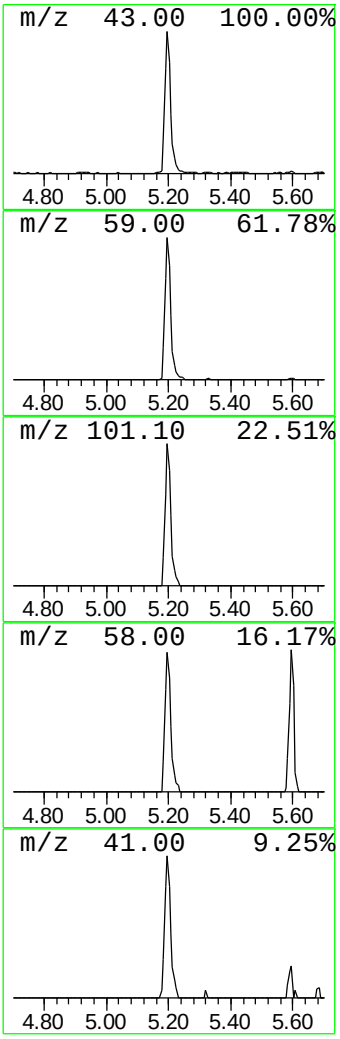
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	10.67 ng	207759	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	64
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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Operator : JU/SJ
Sample : J3732-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-8(3-8)

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

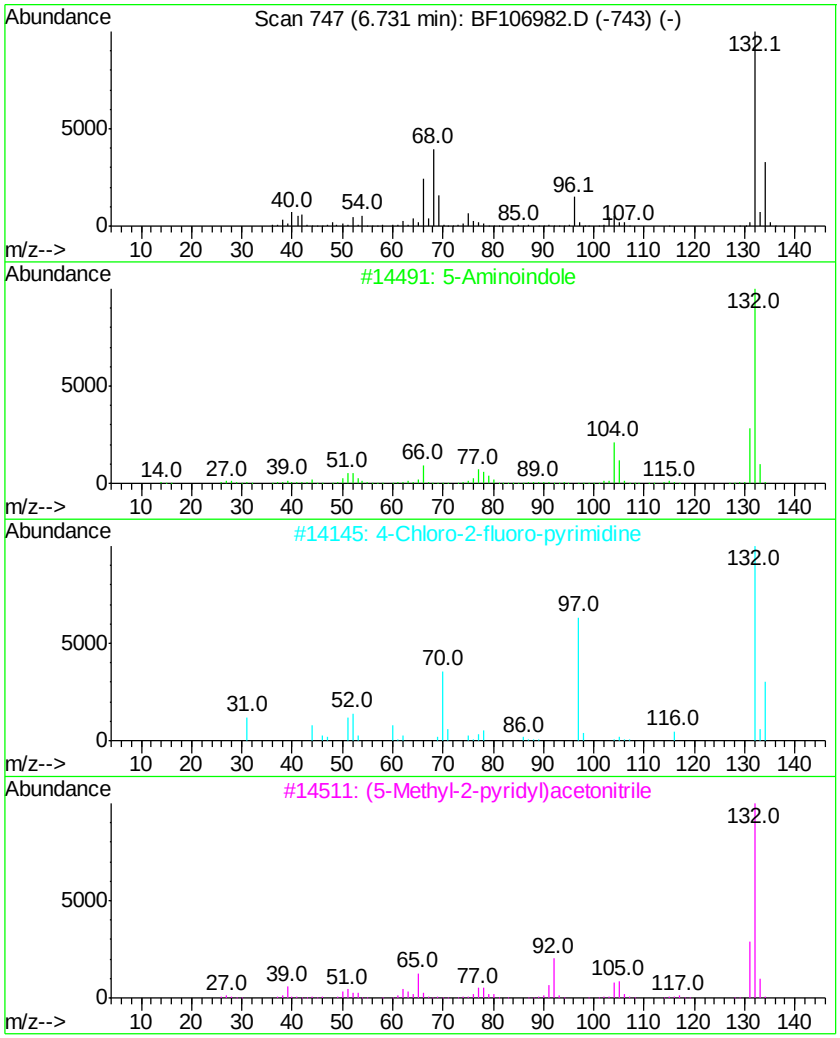
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

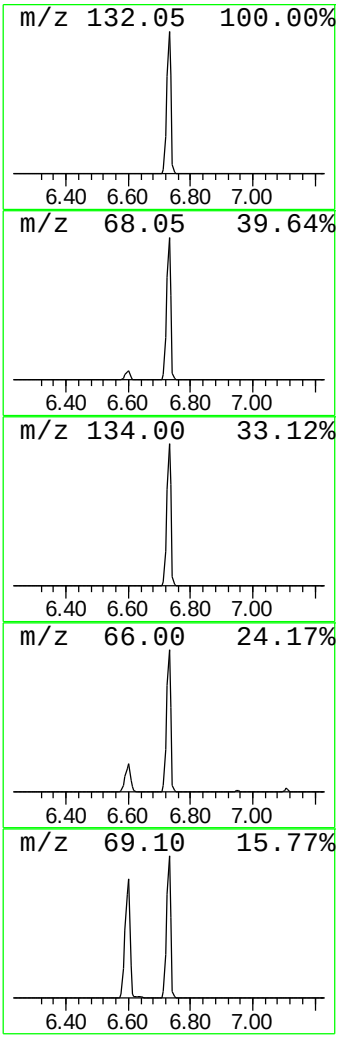
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	87.35 ng	1700510	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
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Instrument : BNA_F
ClientSampleId : EPE-106-8(3-8)

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

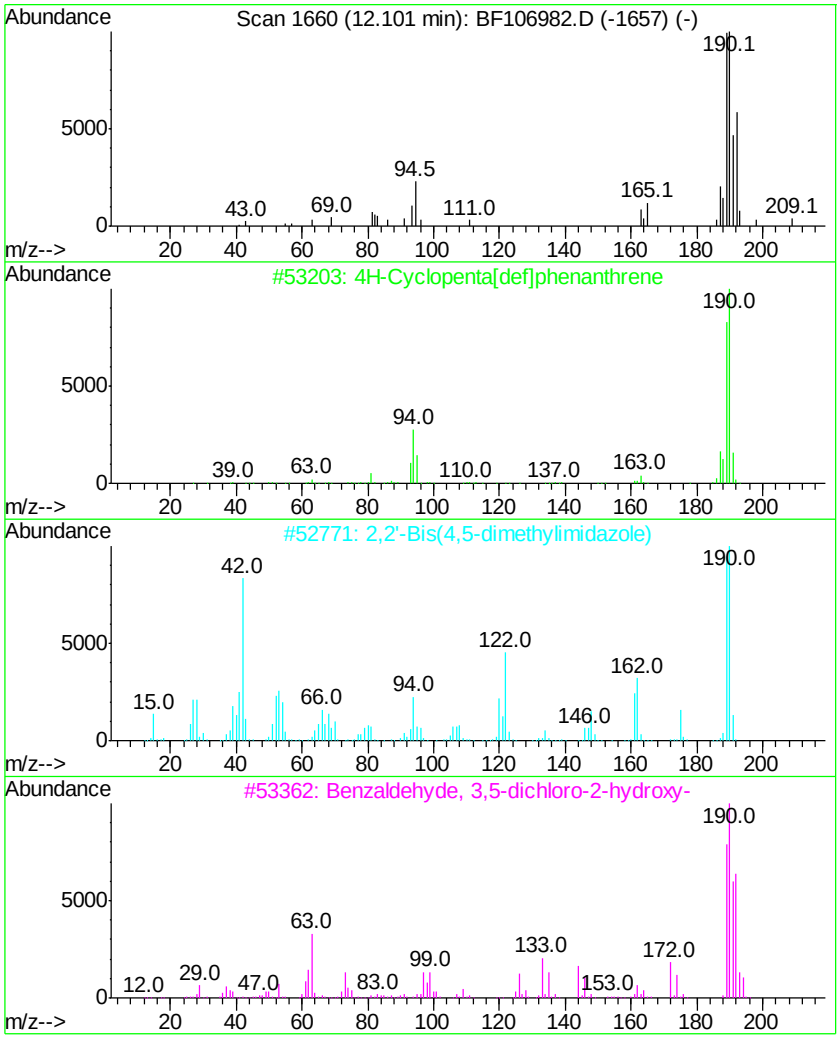
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

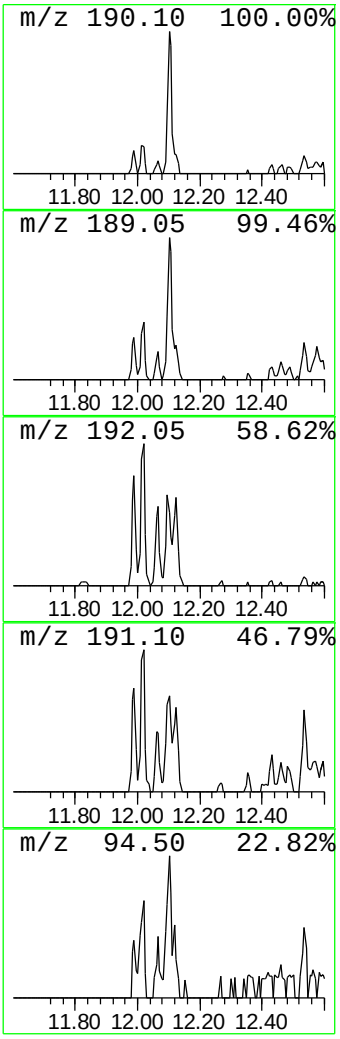
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.36 ng	50745	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33
4	Methyl diselenide	190	C2H6Se2	007101-31-7	27
5	5-Thiazolecarboxamide, 4-amino-2...	189	C5H7N3OS2	1000338-08-9	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
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Instrument : BNA_F
ClientSampleId : EPE-106-8(3-8)

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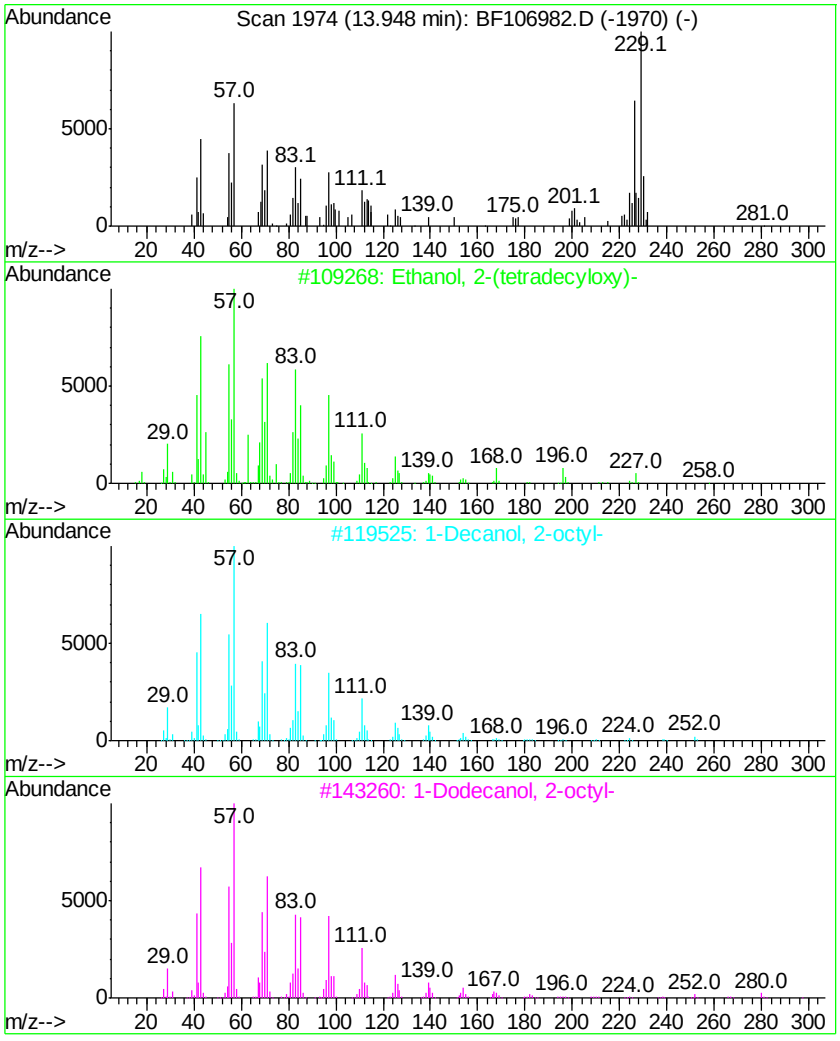
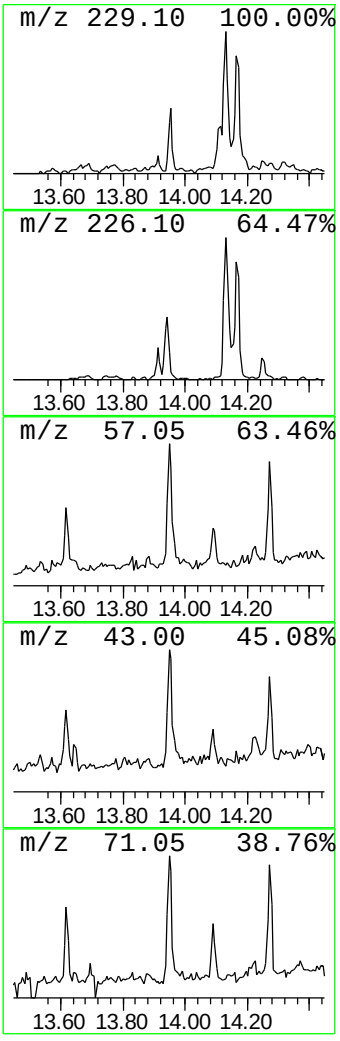
****

Peak Number 5 unknown13.95 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.45 ng	99436	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	35
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	35
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	35
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	35
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	35





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Misc :
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Instrument : BNA_F
ClientSampleId : EPE-106-8(3-8)

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

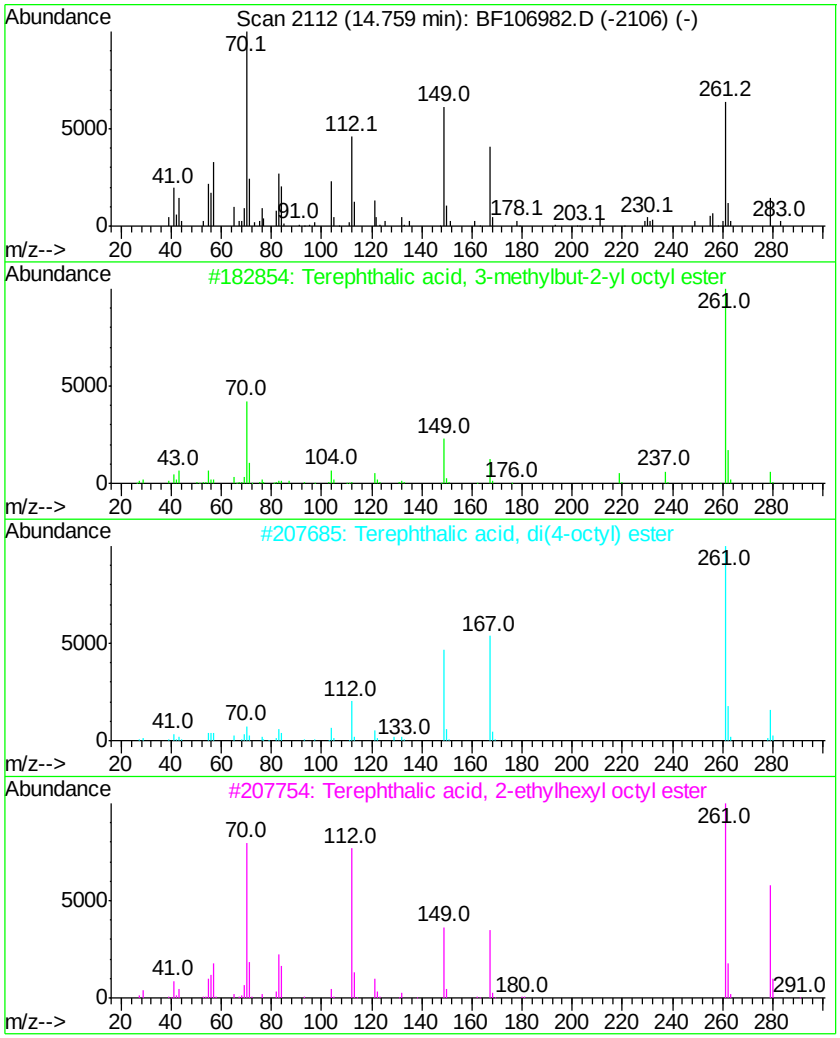
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

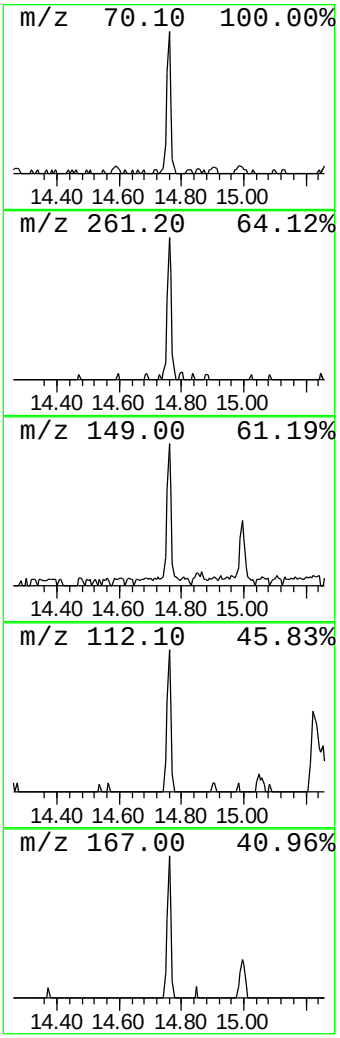
****

Peak Number 6 Terephthalic acid, 3-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.46 ng	99780	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	64
2	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	53
3	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	53
4	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	50
5	Terephthalic acid, octyl 2-penty...	348	C21H32O4	1000323-55-2	47





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Sample : J3732-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-8(3-8)

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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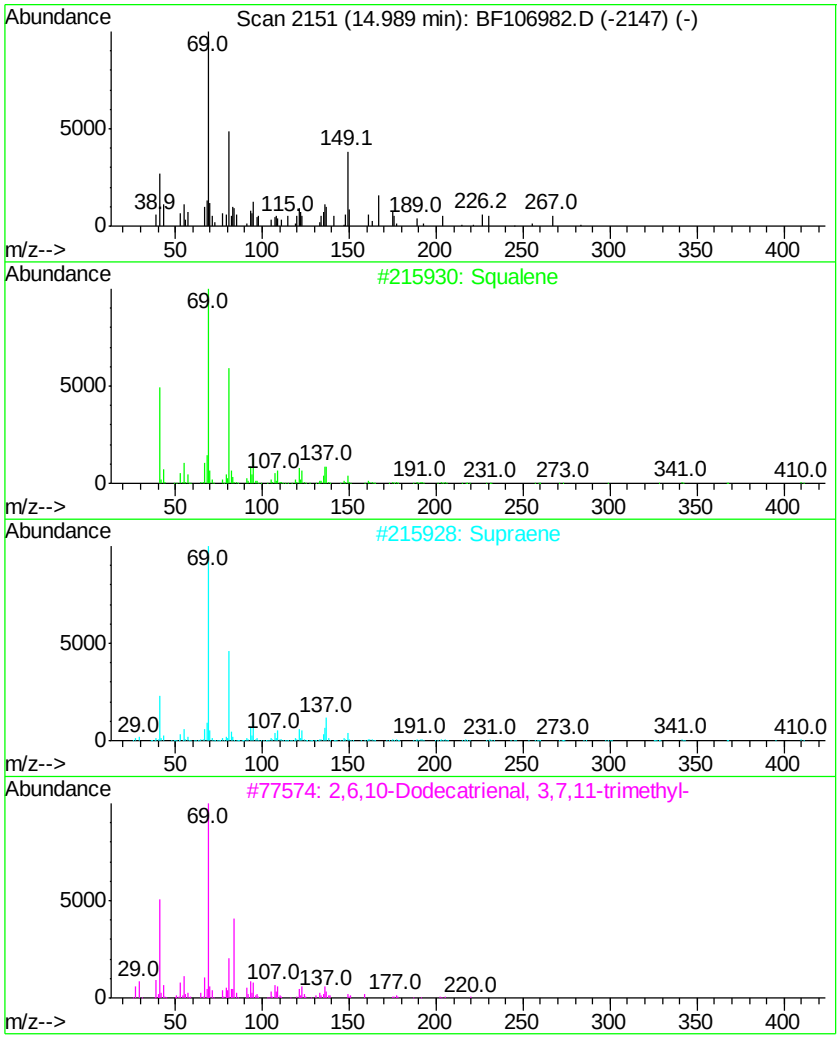
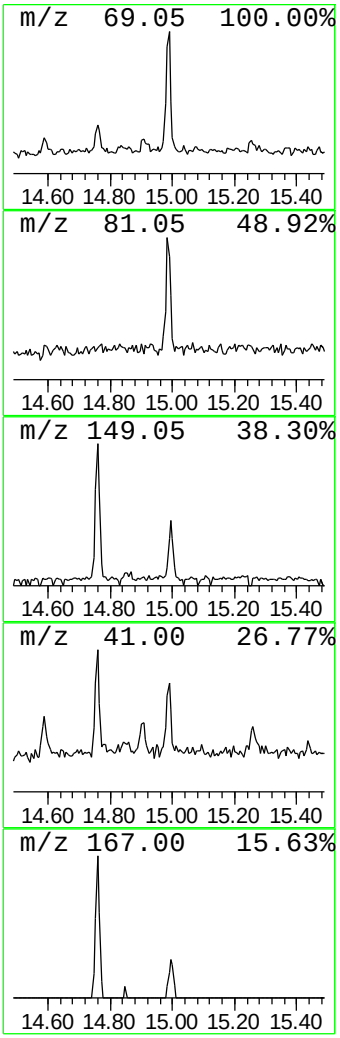
Peak Number 7 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.06 ng	39702	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	50
2	Supraene	410	C30H50	007683-64-9	49
3	2,6,10-Dodecatrienal, 3,7,11-tri...	220	C15H24O	019317-11-4	47
4	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	47
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106982.D
Acq On : 29 Jun 2018 19:20
Operator : JU/SJ
Sample : J3732-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-8(3-8)

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

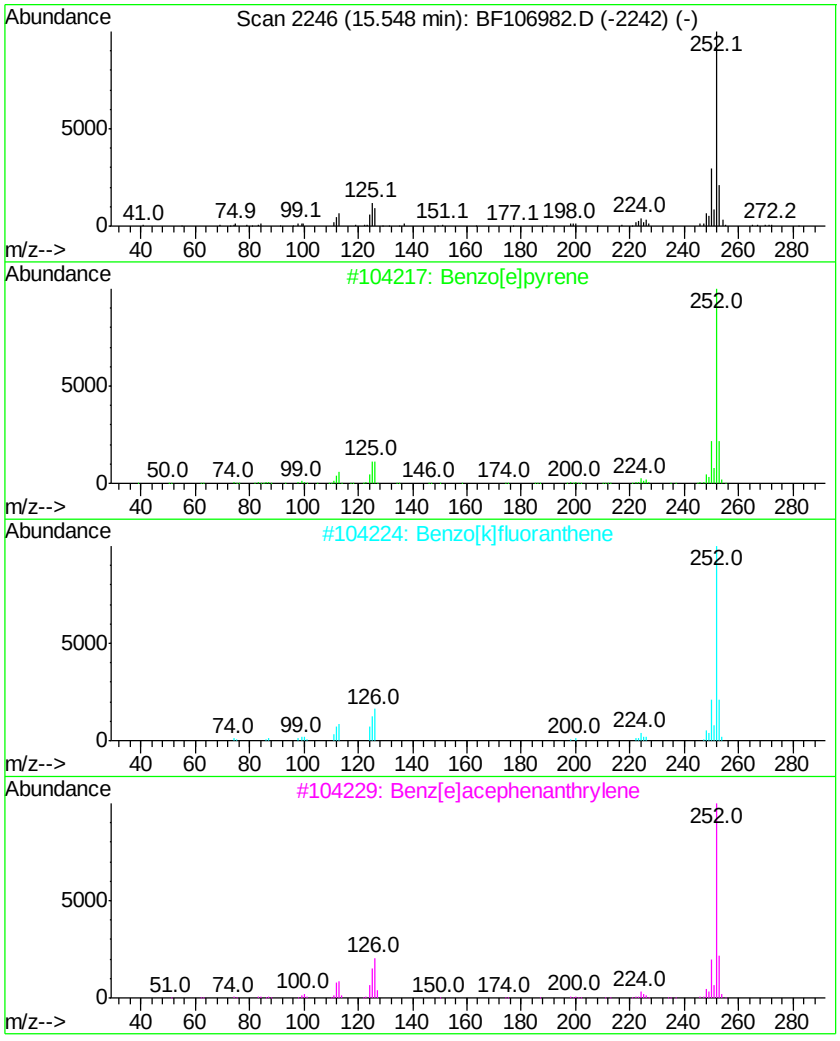
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

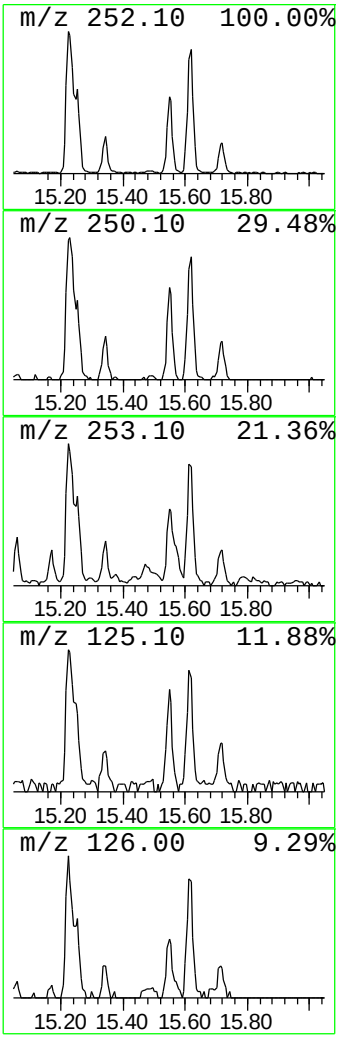
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	6.27 ng	120866	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
Data File : BF106982.D
Acq On : 29 Jun 2018 19:20
Operator : JU/SJ
Sample : J3732-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-8(3-8)

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	10.7	ng	207759	1	6.95	389349	20.0
unknown6.73	6.73	87.3	ng	1700510	1	6.95	389349	20.0
4H-Cyclopenta[def...	12.10	2.4	ng	50745	4	11.48	430156	20.0
unknown13.95	13.95	2.5	ng	99436	5	14.14	811742	20.0
Terephthalic acid...	14.76	2.5	ng	99780	5	14.14	811742	20.0
Squalene	14.99	2.1	ng	39702	6	15.68	385751	20.0
Benzo[e]pyrene	15.55	6.3	ng	120866	6	15.68	385751	20.0