LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106973.D
Acq On : 29 Jun 2018 15:19
Operator : JU/SJ
Sample : J3677-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 93-95-B1(10-15)

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	5.196	482	486	498	rBV	123919	150597	9.38%	0.979%
2	5.596	550	554	566	rBV	1442126	1318587	82.16%	8.575%
3	6.595	720	724	740	rVB	1249656	1385715	86.34%	9.012%
4	6.731	743	747	750	rBV	1528267	1375202	85.69%	8.943%
5	6.954	781	785	788	rBV	468848	409995	25.55%	2.666%
6	7.107	807	811	815	rBV	1268874	1127991	70.29%	7.336%
7	7.519	876	881	884	rBV	929673	859216	53.54%	5.588%
8	8.237	999	1003	1006	rBV	581611	509405	31.74%	3.313%
9	9.307	1181	1185	1188	rBV	1848614	1604867	100.00%	10.437%
10	9.701	1248	1252	1257	rVB	202840	173174	10.79%	1.126%
11	9.854	1274	1278	1281	rBV	28244	23683	1.48%	0.154%
12	9.901	1283	1286	1288	rBV	34034	25673	1.60%	0.167%
13	9.995	1298	1302	1306	rBV	624942	554603	34.56%	3.607%
14	10.401	1369	1371	1374	rVB	49385	33698	2.10%	0.219%
15	10.542	1392	1395	1401	rVB	22138	21560	1.34%	0.140%
16	10.789	1433	1437	1448	rBV	1057072	969921	60.44%	6.308%
17	10.872	1448	1451	1455	rBV	36051	36351	2.27%	0.236%
18	11.489	1552	1556	1558	rBV	528010	520485	32.43%	3.385%
19	11.507	1558	1559	1563	rVB	207722	165774	10.33%	1.078%
20	12.019	1643	1646	1650	rVB2	30417	26985	1.68%	0.175%
21	12.101	1657	1660	1663	rBV2	28803	35476	2.21%	0.231%
22	12.283	1687	1691	1694	rVB	19098	17824	1.11%	0.116%
23	12.313	1694	1696	1701	rBV	42331	44310	2.76%	0.288%
24	12.495	1724	1727	1730	rBV2	21147	19444	1.21%	0.126%
25	12.536	1730	1734	1737	rBV2	19999	23579	1.47%	0.153%
26	12.707	1759	1763	1766	rVB	274812	257180	16.03%	1.673%
27	12.801	1775	1779	1783	rBV	25184	21563	1.34%	0.140%
28	12.913	1795	1798	1799	rBV	36326	32375	2.02%	0.211%
29	12.936	1799	1802	1806	rVB	245512	213191	13.28%	1.386%
30	13.072	1820	1825	1828	rBV	1567015	1406051	87.61%	9.144%
31	13.154	1834	1839	1843	rBV4	14986	23630	1.47%	0.154%
32	13.260	1850	1857	1862	rBV3	33708	55949	3.49%	0.364%
33	13.366	1871	1875	1878	rVB2	20450	24897	1.55%	0.162%
34	13.777	1942	1945	1949	rVB	25368	26096	1.63%	0.170%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3677-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 93-95-B1(10-15)

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	13.889	1960	1964	1966	rBV2	16777	20977	1.31%	0.136%
36	13.948	1970	1974	1978	rVV3	116910	128028	7.98%	0.833%
37	13.989	1978	1981	1984	rVB	25179	25868	1.61%	0.168%
38	14.142	2002	2007	2010	rBV2	606241	632194	39.39%	4.111%
39	14.166	2010	2011	2018	rVB	123562	104766	6.53%	0.681%
40	14.295	2031	2033	2039	rVB2	26307	28107	1.75%	0.183%
41	14.536	2072	2074	2078	rVB	25659	22893	1.43%	0.149%
42	14.595	2078	2084	2088	rBV5	37381	80897	5.04%	0.526%
43	14.901	2134	2136	2140	rVB4	17622	21699	1.35%	0.141%
44	15.224	2187	2191	2195	rBV	89938	149401	9.31%	0.972%
45	15.342	2209	2211	2216	rVB	20816	22656	1.41%	0.147%
46	15.554	2243	2247	2253	rVB	56641	86972	5.42%	0.566%
47	15.618	2254	2258	2262	rBV	78310	100183	6.24%	0.652%
48	15.689	2264	2270	2274	rBV	282531	393641	24.53%	2.560%
49	17.265	2532	2538	2544	rVB3	29778	63632	3.96%	0.414%

Sum of corrected areas: 15376961

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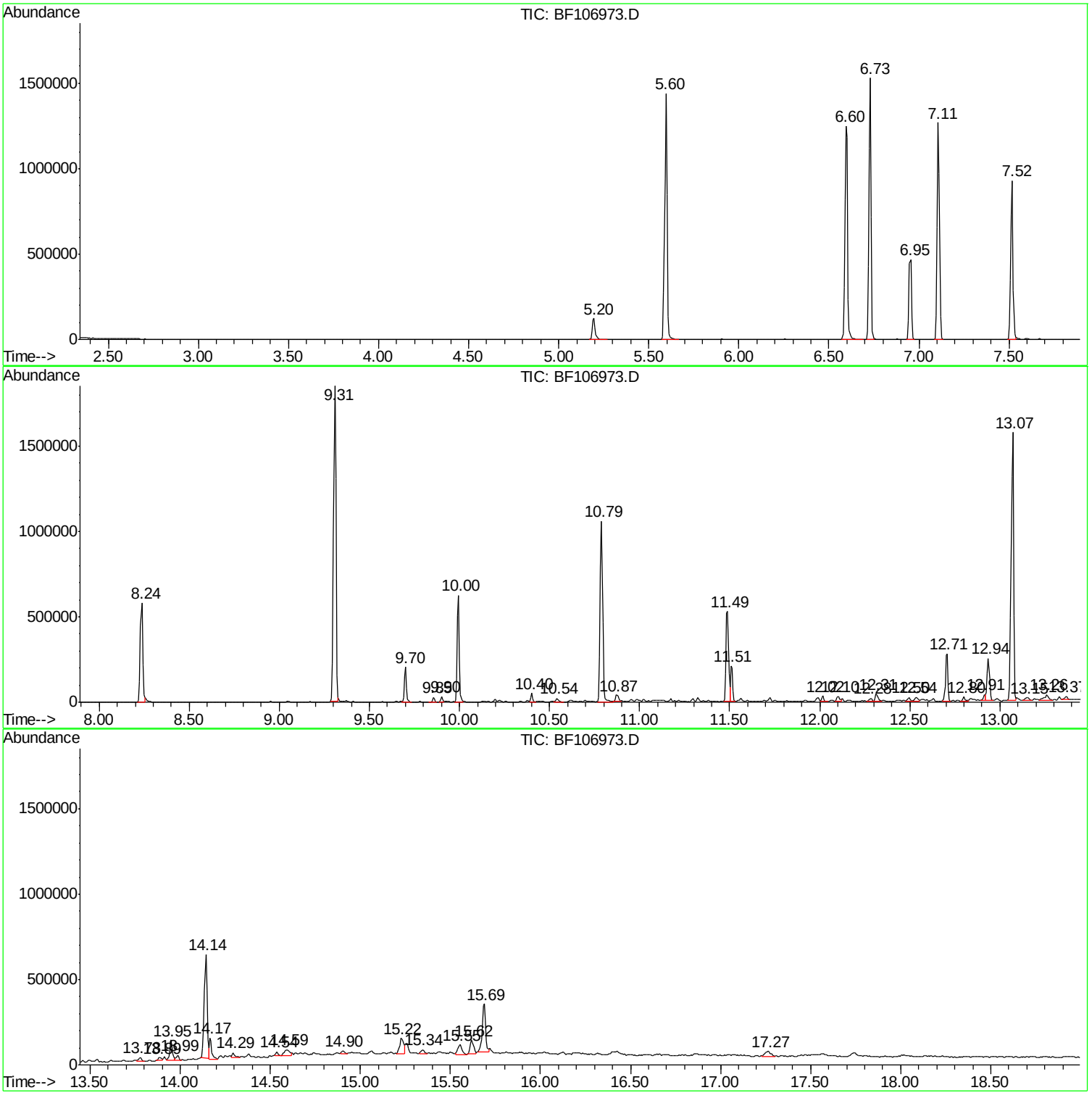
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
93-95-B1(10-15)

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 : BF106973.D
Acq On : 29 Jun 2018 15:19
Operator : JU/SJ
Sample : J3677-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
93-95-B1(10-15)

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

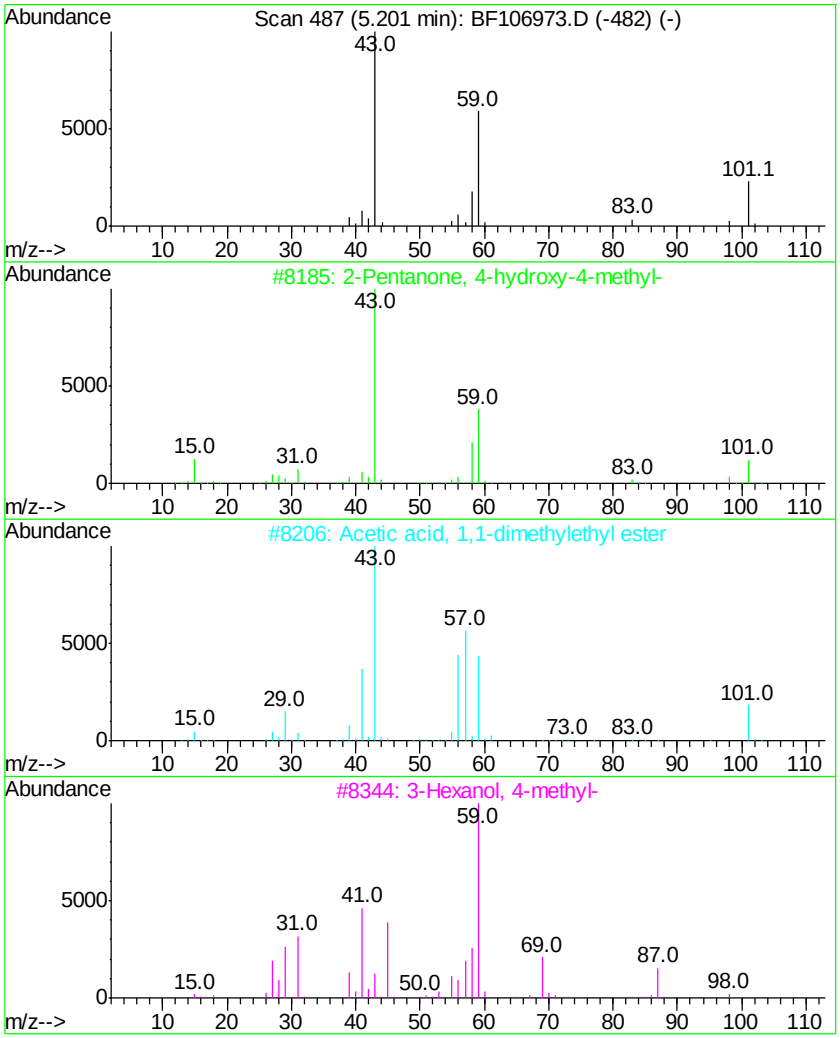
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

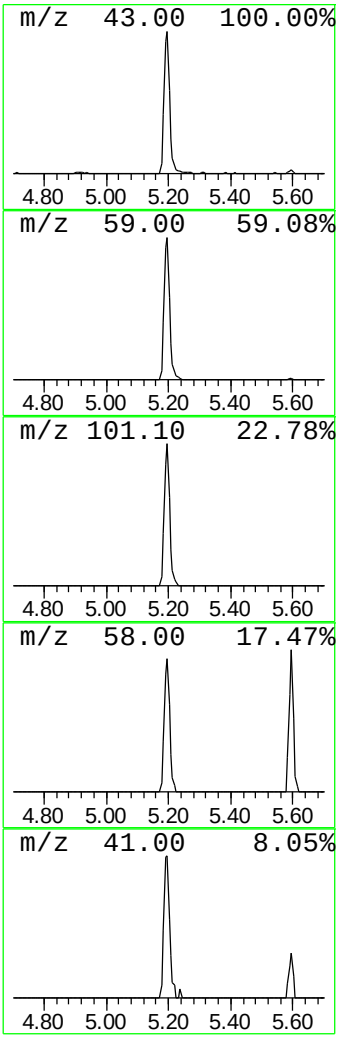
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	7.35 ng	150597	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	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Sample : J3677-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 93-95-B1(10-15)

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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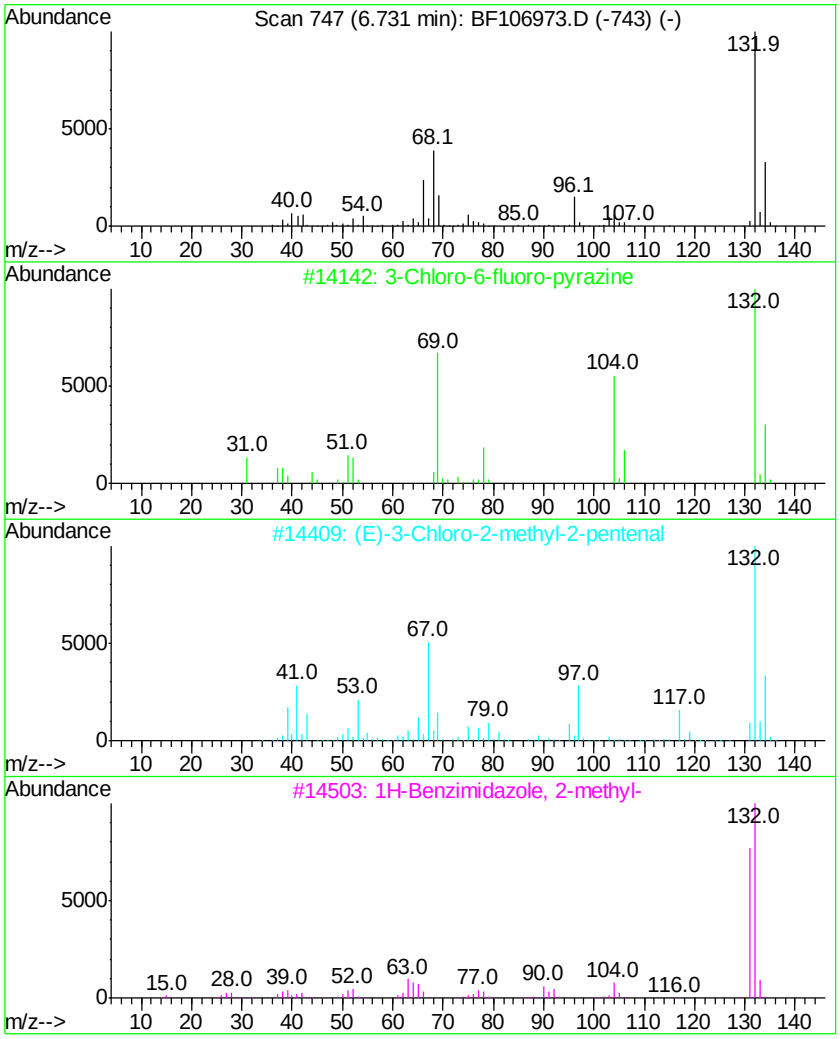
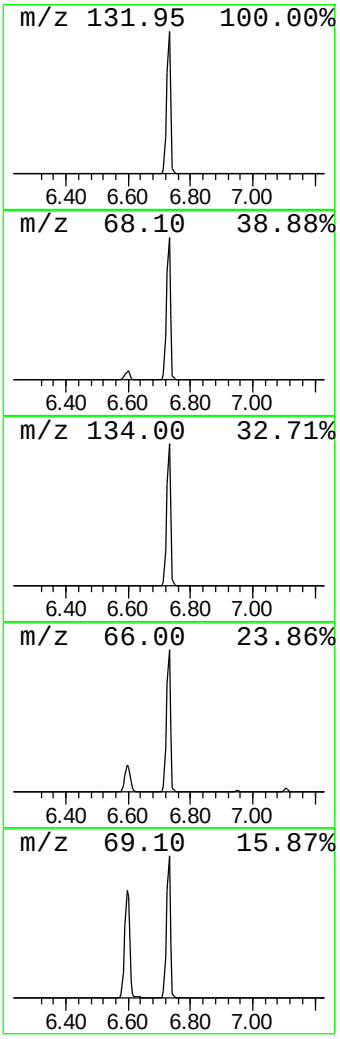
Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	67.08 ng	1375200	1,4-Dichlorobenzene-d4	6.95

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	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
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Operator : JU/SJ
Sample : J3677-02
Misc :
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Instrument : BNA_F
ClientSampleId : 93-95-B1(10-15)

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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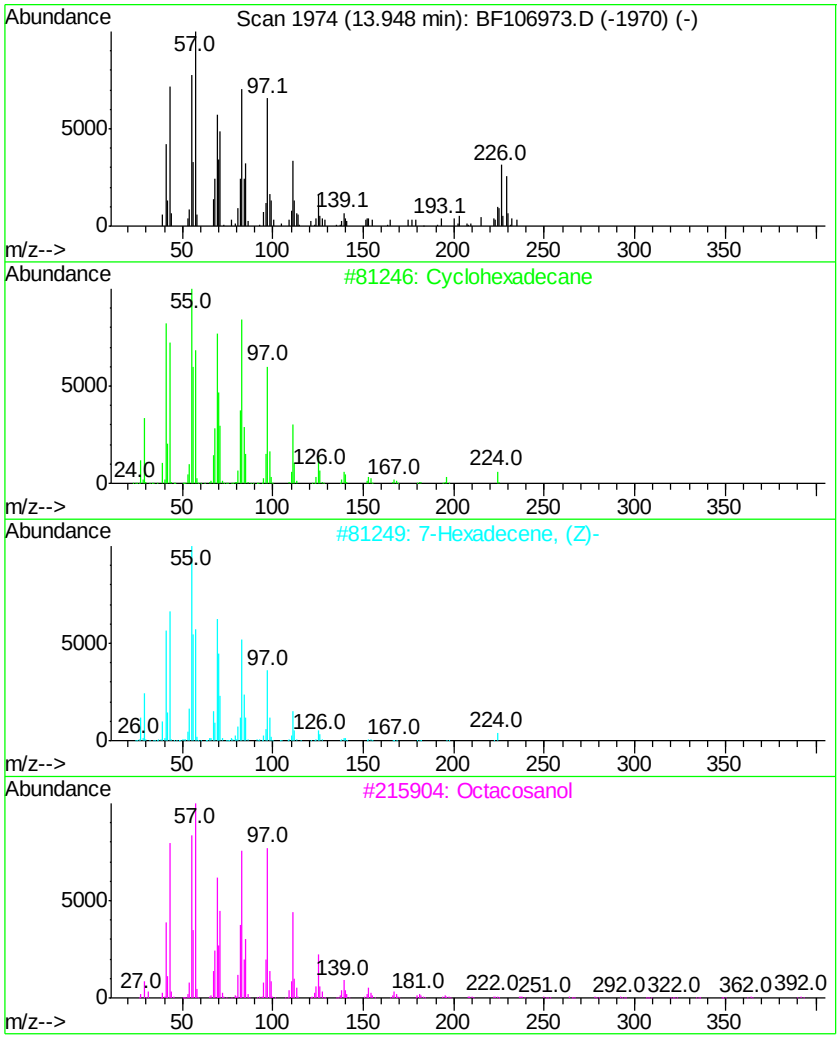
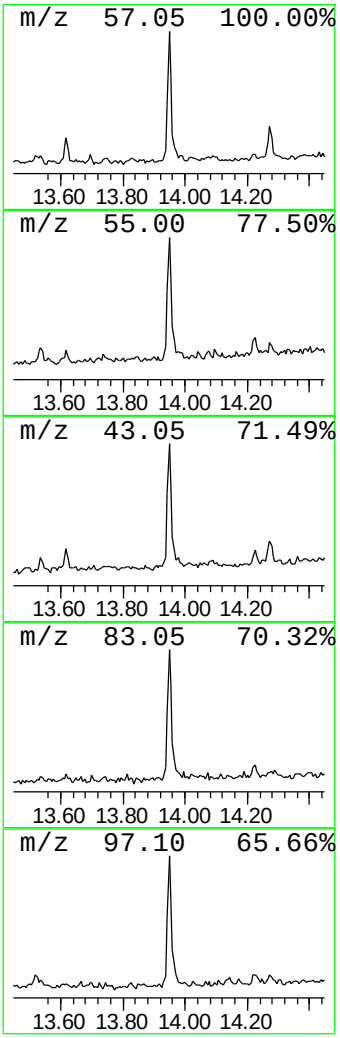
Peak Number 4 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.05 ng	128028	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	78
3	Octacosanol	410	C28H58O	000557-61-9	76
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	76
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	76





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 93-95-B1(10-15)

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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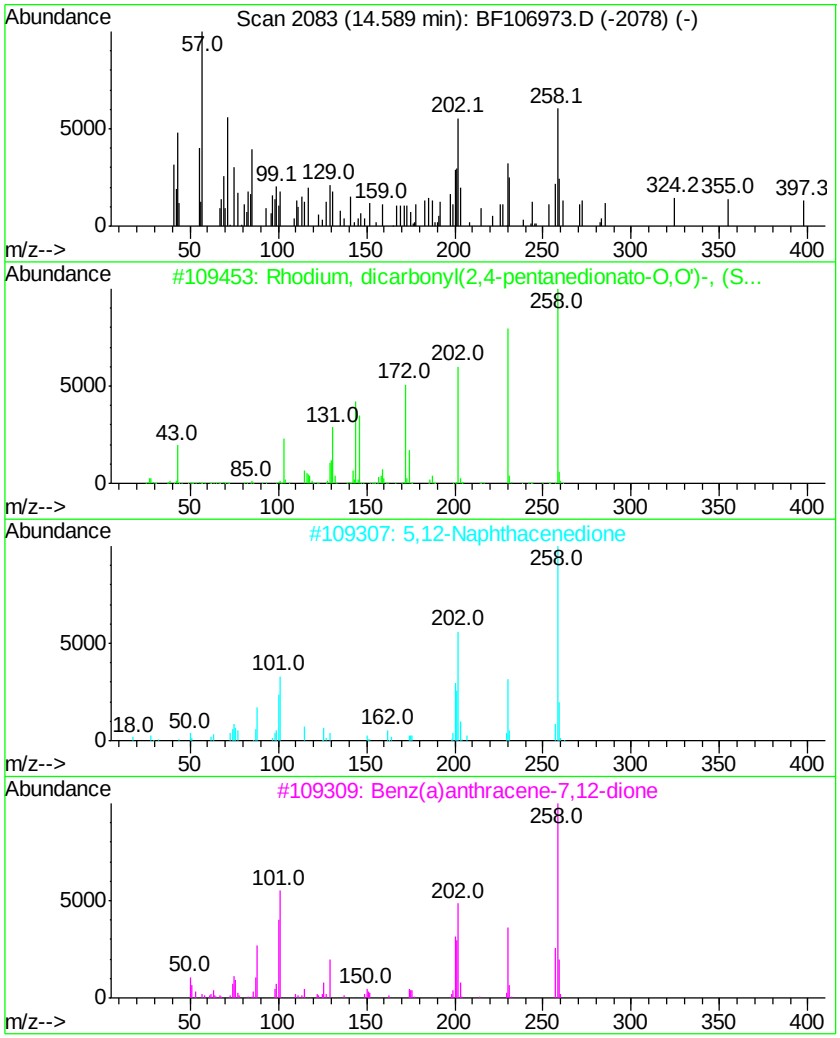
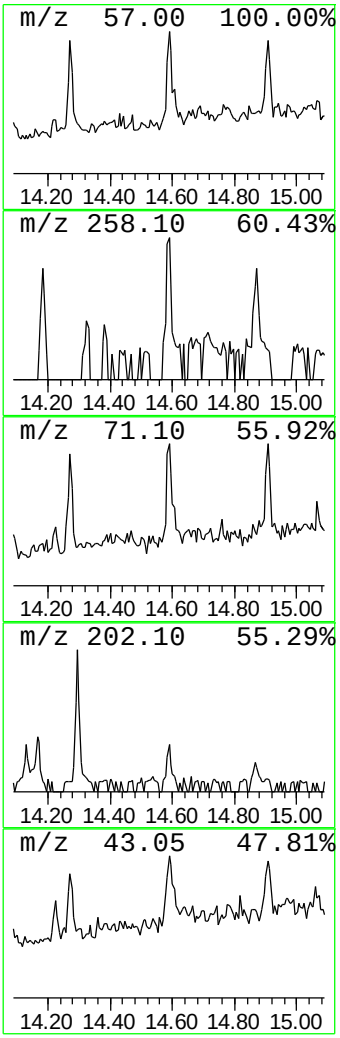
Peak Number 5 unknown14.59 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.56 ng	80897	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Rhodium, dicarbonyl(2,4-pentaned...	258	C7H7O4Rh	014874-82-9	25
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	22
3	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	12
4	Mercury, diethyl-	260	C4H10Hg	000627-44-1	12
5	7,8,9,10,11,12-Hexahydrobenzo[a]...	258	C20H18	073712-71-7	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : 93-95-B1(10-15)

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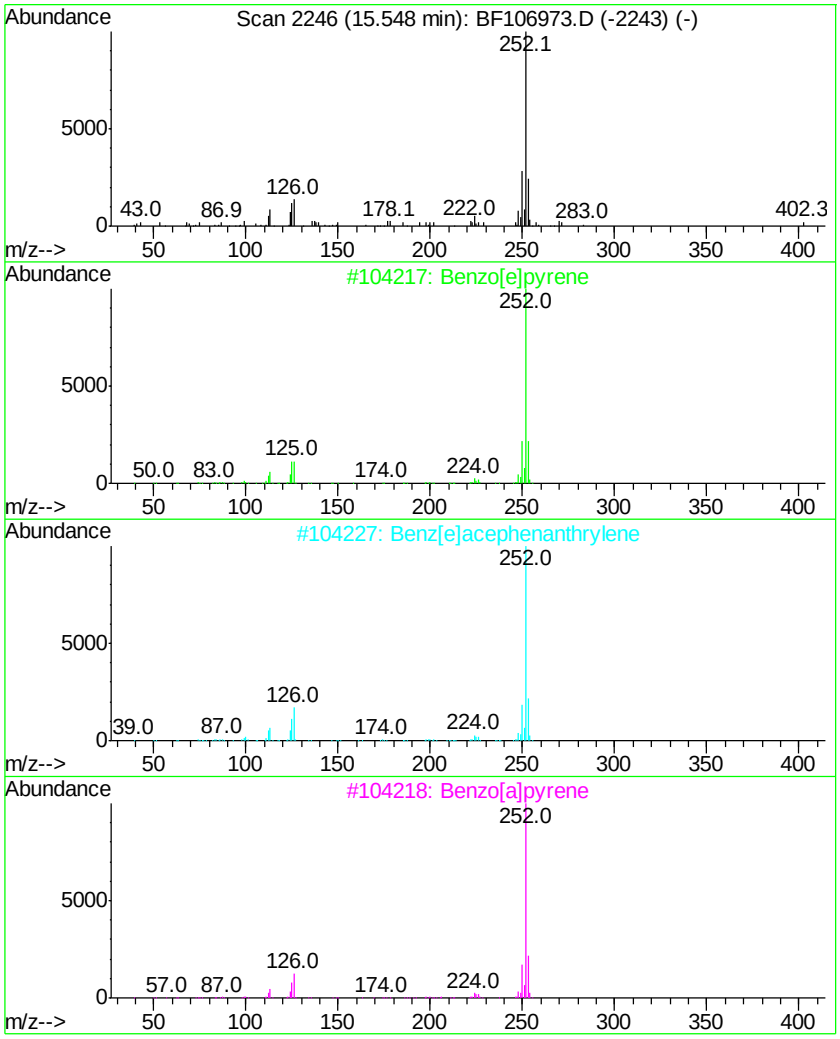
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

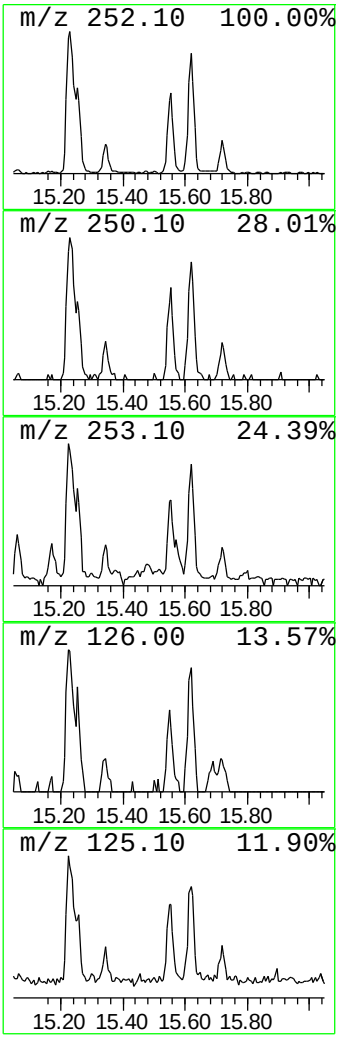
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	4.42 ng	86972	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
5	Perylene	252	C20H12	000198-55-0	76





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : 93-95-B1(10-15)

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	7.3	ng	150597	1	6.95	409995	20.0
unknown6.73	6.73	67.1	ng	1375200	1	6.95	409995	20.0
Cyclohexadecane	13.95	4.0	ng	128028	5	14.14	632194	20.0
unknown14.59	14.59	2.6	ng	80897	5	14.14	632194	20.0
Benzo[e]pyrene	15.55	4.4	ng	86972	6	15.69	393641	20.0