LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100030.D
Acq On : 1 Nov 2017 6:28
Operator : SJ/JU
Sample : I6201-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1B(1-2)

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-BF102317.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	5.010	494	497	516	rBV	129046	219464	11.66%	1.294%
2	5.410	562	565	595	rBV	1180746	1496281	79.50%	8.823%
3	6.434	735	739	757	rBV	1465714	1578032	83.84%	9.305%
4	6.563	757	761	773	rVB	1589809	1600350	85.03%	9.436%
5	6.787	796	799	811	rBV	528877	464246	24.67%	2.737%
6	6.940	822	825	843	rBV	1338269	1228719	65.28%	7.245%
7	7.357	893	896	921	rBV	982325	934520	49.65%	5.510%
8	8.069	1014	1017	1039	rBV	749195	657730	34.95%	3.878%
9	8.634	1110	1113	1122	rBB	24035	24604	1.31%	0.145%
10	9.145	1196	1200	1203	rBV	2170028	1882166	100.00%	11.098%
11	9.539	1264	1267	1281	rBV	254495	226575	12.04%	1.336%
12	9.822	1312	1315	1320	rBV	773812	735780	39.09%	4.338%
13	10.539	1434	1437	1445	rBV	99712	85363	4.54%	0.503%
14	10.622	1447	1451	1465	rBV	954356	930096	49.42%	5.484%
15	11.322	1566	1570	1572	rBV	805720	703928	37.40%	4.151%
16	11.345	1572	1574	1579	rVV	183256	168390	8.95%	0.993%
17	11.404	1582	1584	1592	rVB	31957	31449	1.67%	0.185%
18	11.833	1653	1657	1659	rBV2	35364	40016	2.13%	0.236%
19	11.857	1659	1661	1666	rVB	28095	28901	1.54%	0.170%
20	11.939	1672	1675	1678	rBV	29533	28497	1.51%	0.168%
21	12.539	1774	1777	1783	rBV	279840	256640	13.64%	1.513%
22	12.710	1802	1806	1810	rBV4	26029	29429	1.56%	0.174%
23	12.774	1814	1817	1823	rVB	208358	205380	10.91%	1.211%
24	12.904	1835	1839	1843	rBV	1642159	1496048	79.49%	8.821%
25	12.992	1850	1854	1859	rVB2	16392	25361	1.35%	0.150%
26	13.104	1870	1873	1878	rVB2	26538	36957	1.96%	0.218%
27	13.210	1887	1891	1898	rVB4	19768	30413	1.62%	0.179%
28	13.792	1986	1990	1997	rBV5	85313	115714	6.15%	0.682%
29	13.980	2016	2022	2025	rBV2	520257	590419	31.37%	3.481%
30	14.010	2025	2027	2033	rVB	99591	104453	5.55%	0.616%
31	14.116	2043	2045	2048	rVB	29117	22134	1.18%	0.131%
32	14.427	2095	2098	2102	rVB2	37073	36434	1.94%	0.215%
33	14.745	2147	2152	2157	rBV3	34606	38922	2.07%	0.230%
34	15.057	2201	2205	2214	rBV	90083	194545	10.34%	1.147%

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Integration Parameters: rteint.p
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.363	2253	2257	2262	rVB	47310	56886	3.02%	0.335%
36	15.427	2264	2268	2273	rBV	72575	101672	5.40%	0.600%
37	15.480	2273	2277	2293	rVB	312546	440927	23.43%	2.600%
38	16.998	2530	2535	2543	rVB3	29619	60484	3.21%	0.357%
39	17.451	2608	2612	2620	rBV2	24630	51396	2.73%	0.303%

Sum of corrected areas: 16959321

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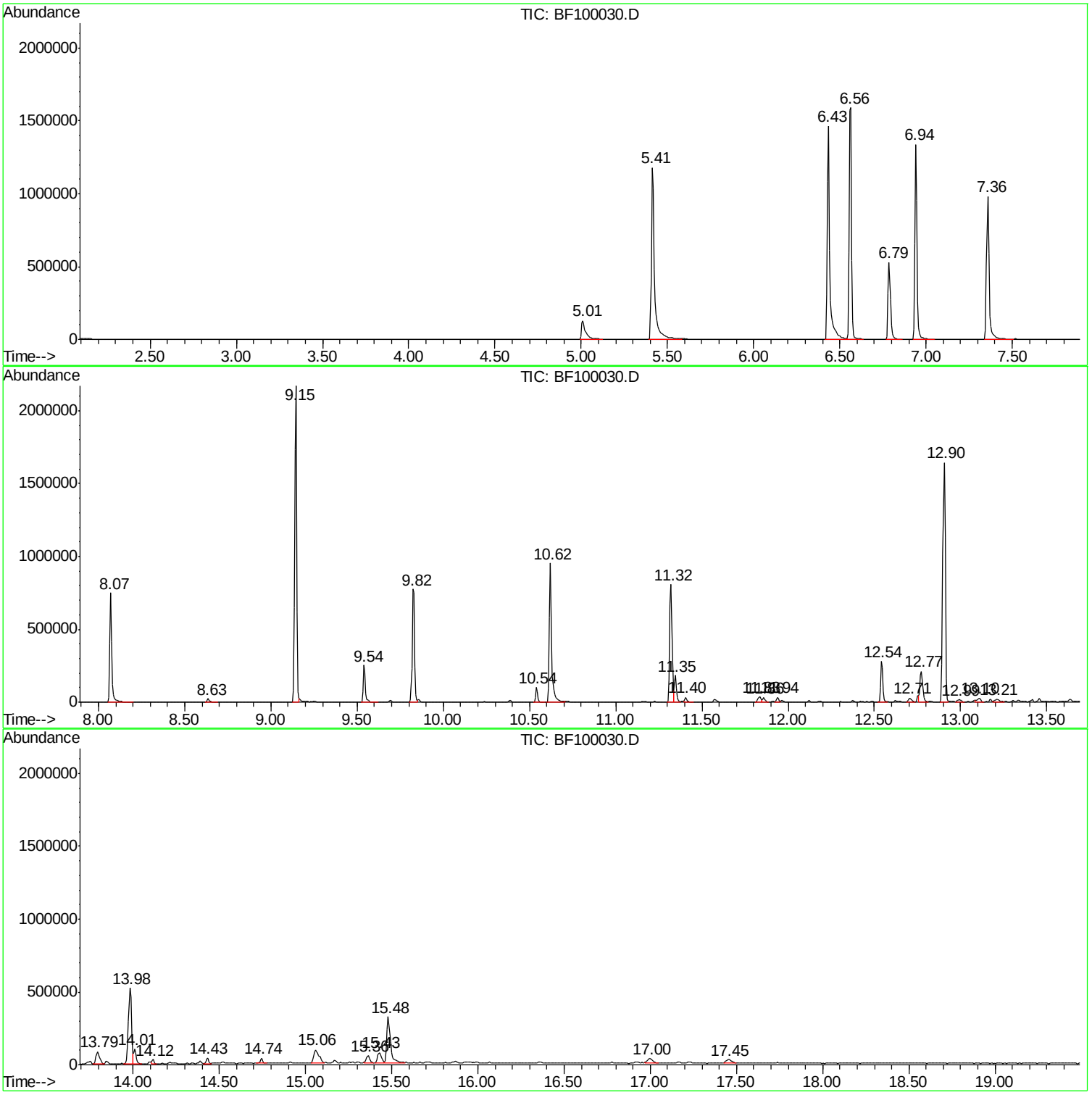
CF-1B(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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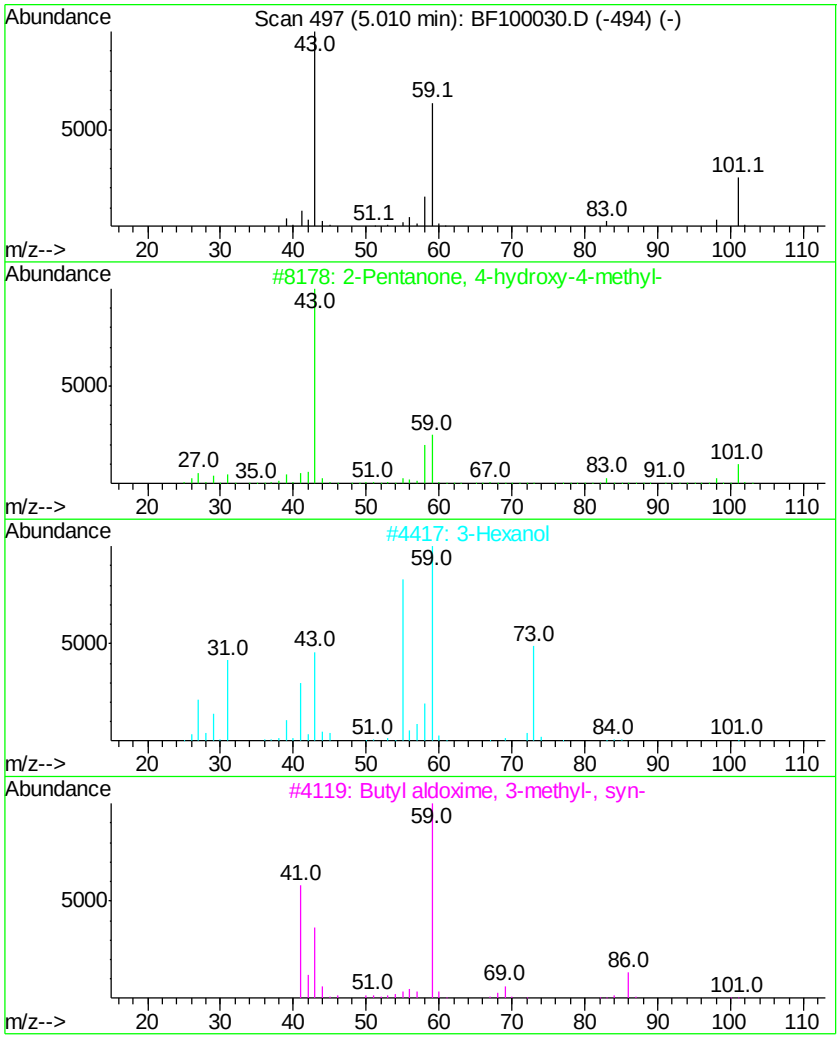
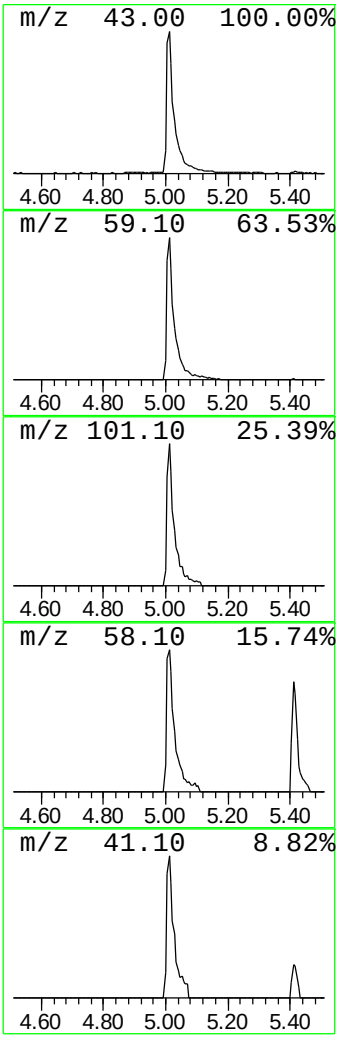
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	9.45 ng	219464	1,4-Dichlorobenzene-d4	6.79

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	102	C6H14O	000623-37-0	28
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Instrument : BNA_F
ClientSampleId : CF-1B(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
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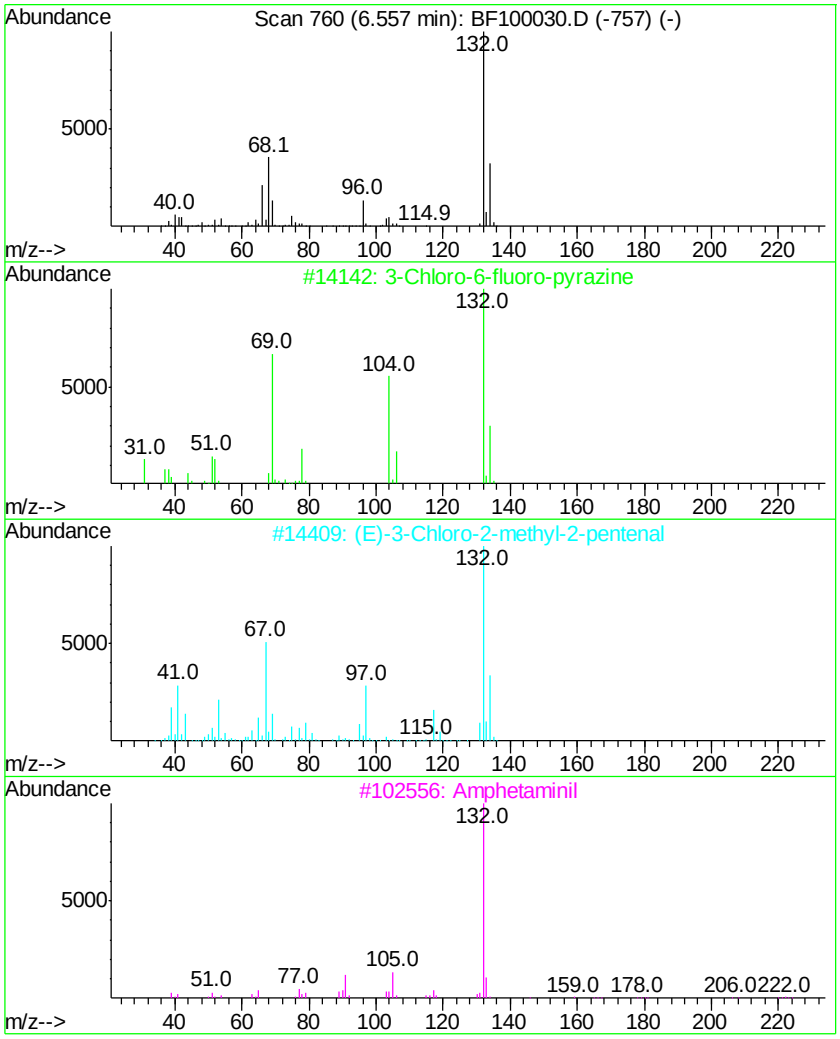
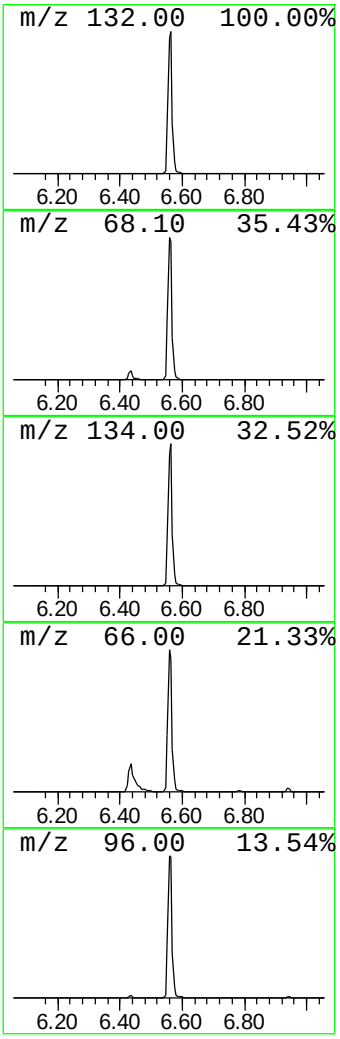
Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	68.94 ng	1600350	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : CF-1B(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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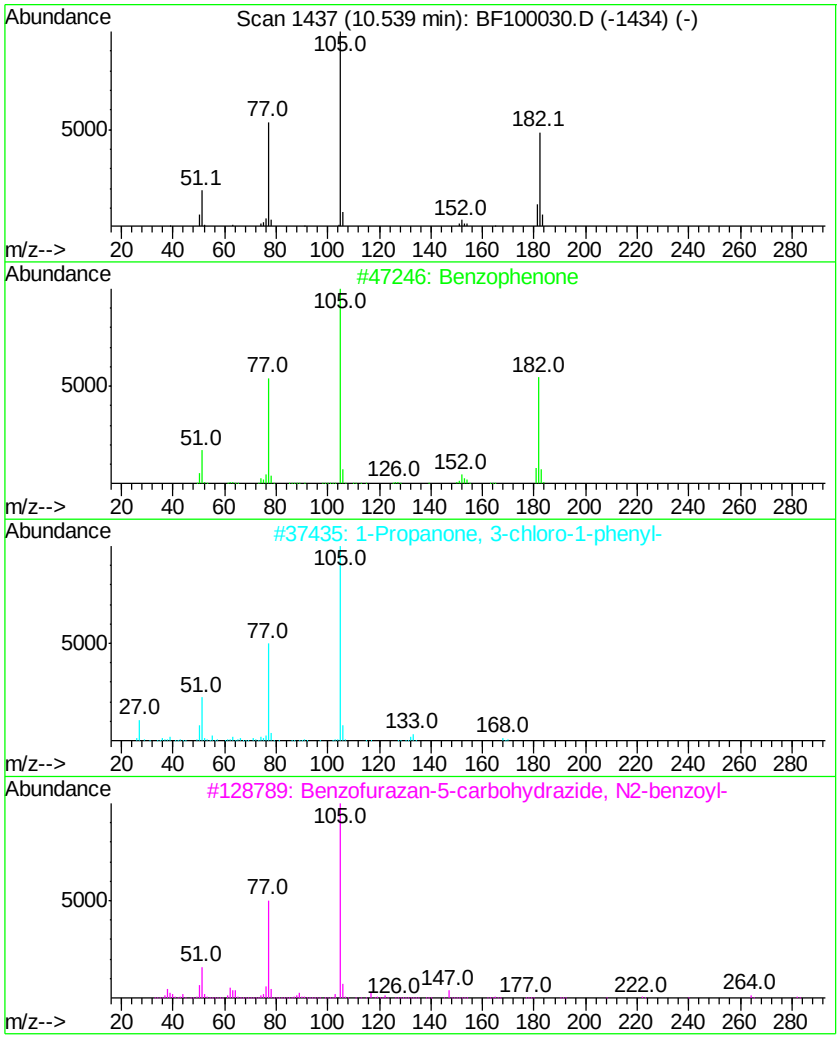
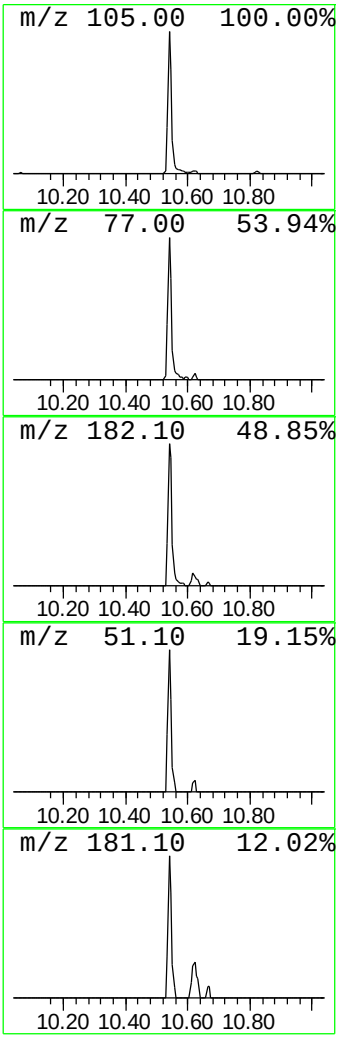
Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.32 ng	85363	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
3	Benzofurazan-5-carbohydrazide, N...	282	C14H10N4O3	1000272-94-4	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47





Library Search Compound Report

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Instrument : BNA_F
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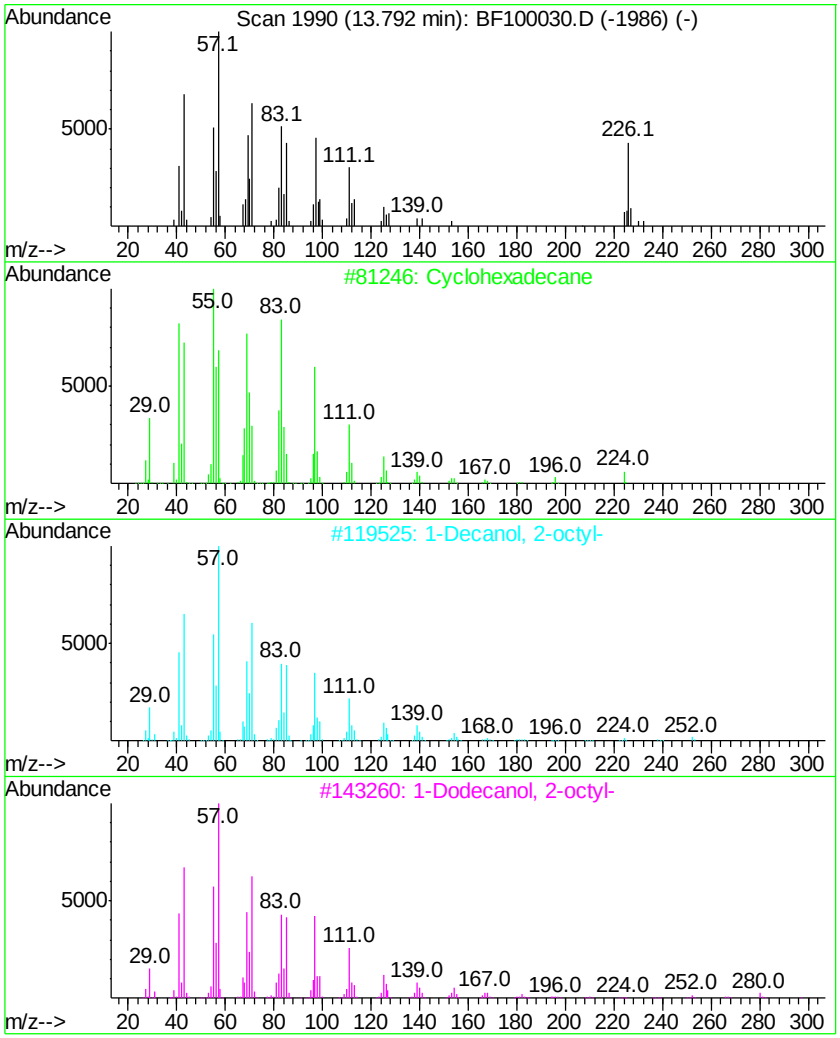
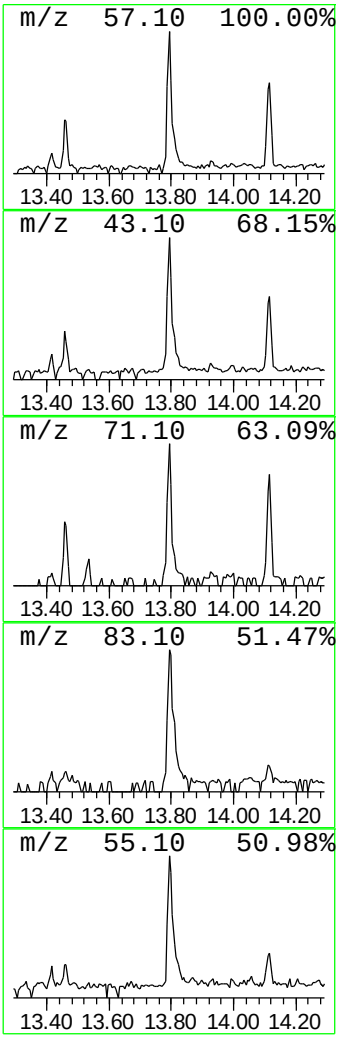
Peak Number 5 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.92 ng	115714	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	76
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	76
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	76
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	70





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Instrument : BNA_F
ClientSampleId : CF-1B(1-2)

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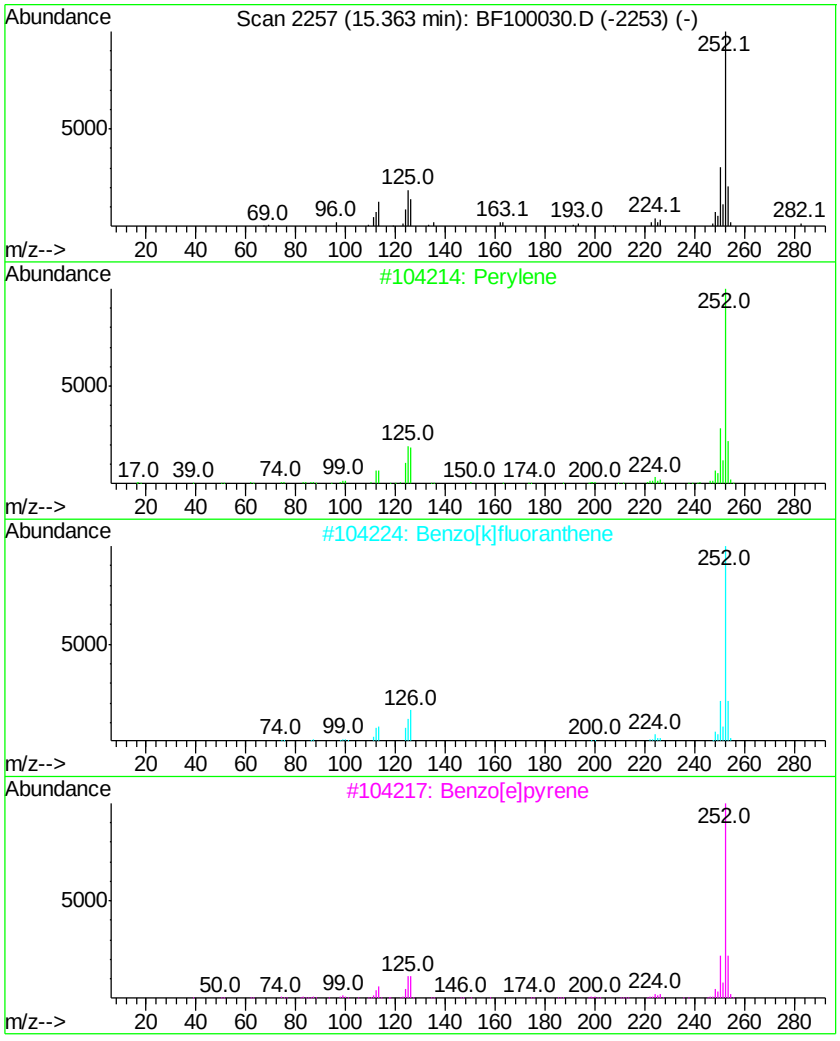
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

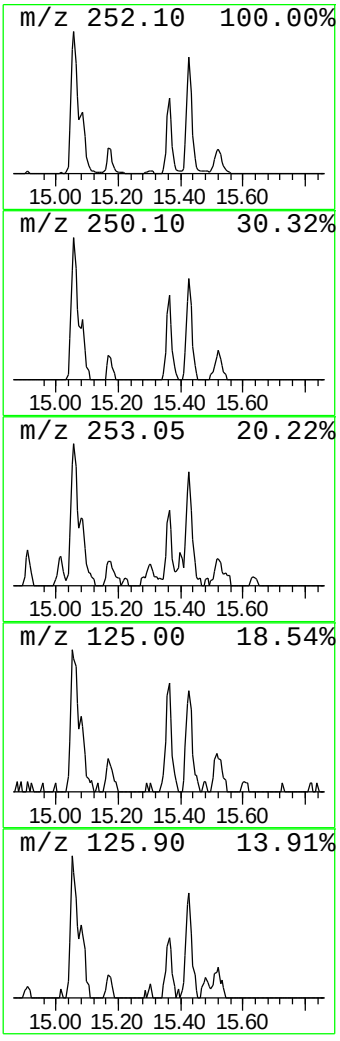
****

Peak Number 6 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.58 ng	56886	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Tentatively Identified Compound (LSC) summary

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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...	5.01	9.4	ng	219464	1	6.79	464246	20.0
unknown6.56	6.56	68.9	ng	1600350	1	6.79	464246	20.0
Benzophenone	10.54	2.3	ng	85363	3	9.82	735780	20.0
Cyclohexadecane	13.79	3.9	ng	115714	5	13.98	590419	20.0
Perylene	15.36	2.6	ng	56886	6	15.48	440927	20.0