LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117635.D
Acq On : 30 Oct 2019 19:59
Operator : JU
Sample : K5542-15 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 202-38-(0-1.5)

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-BF101819.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	4.910	477	480	487	rBV	26769	36373	10.59%	0.828%
2	5.363	554	557	581	rBV	139014	270144	78.63%	6.148%
3	6.393	729	732	748	rBV	167148	311401	90.64%	7.087%
4	6.510	748	752	768	rVB	266620	343572	100.00%	7.819%
5	6.728	786	789	800	rBV	236070	218565	63.62%	4.974%
6	6.881	812	815	831	rBV	222948	241873	70.40%	5.505%
7	7.298	883	886	900	rBV	92942	155859	45.36%	3.547%
8	8.010	1004	1007	1024	rBV	228580	277295	80.71%	6.311%
9	9.081	1186	1189	1203	rBV	264114	290524	84.56%	6.612%
10	9.486	1255	1258	1266	rBV	25398	30457	8.86%	0.693%
11	9.763	1301	1305	1317	rBV	292225	294002	85.57%	6.691%
12	10.322	1397	1400	1405	rBB	3657	3566	1.04%	0.081%
13	10.563	1438	1441	1455	rBB	115158	137157	39.92%	3.122%
14	11.251	1554	1558	1561	rBV	260816	262746	76.47%	5.980%
15	11.275	1561	1562	1570	rVV	75062	63220	18.40%	1.439%
16	11.333	1570	1572	1585	rVB	12049	16819	4.90%	0.383%
17	11.504	1597	1601	1604	rBV	3797	5490	1.60%	0.125%
18	11.757	1640	1644	1646	rBV	8462	7531	2.19%	0.171%
19	11.786	1646	1649	1654	rVB2	13210	18442	5.37%	0.420%
20	11.869	1660	1663	1666	rBV2	12890	14466	4.21%	0.329%
21	12.051	1692	1694	1698	rVB2	4414	5404	1.57%	0.123%
22	12.098	1700	1702	1706	rBV2	3693	4411	1.28%	0.100%
23	12.304	1733	1737	1747	rBV6	10978	27364	7.96%	0.623%
24	12.469	1761	1765	1775	rBV	119808	128242	37.33%	2.919%
25	12.698	1797	1804	1811	rBV	110097	130914	38.10%	2.980%
26	12.751	1811	1813	1816	rVB3	4280	3831	1.12%	0.087%
27	12.827	1823	1826	1832	rBV	293889	265470	77.27%	6.042%
28	12.916	1837	1841	1847	rVB5	6993	11450	3.33%	0.261%
29	12.963	1847	1849	1853	rBV4	3424	3456	1.01%	0.079%
30	13.010	1853	1857	1858	rBV4	6865	9159	2.67%	0.208%
31	13.027	1858	1860	1862	rVB2	10090	8132	2.37%	0.185%
32	13.092	1868	1871	1874	rVB3	5201	5513	1.60%	0.125%
33	13.127	1874	1877	1881	rBV4	8203	11923	3.47%	0.271%
34	13.227	1891	1894	1896	rBV2	6517	6228	1.81%	0.142%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.257	1896	1899	1901	rBV3	8060	7463	2.17%	0.170%
36	13.392	1920	1922	1927	rBV6	4688	7269	2.12%	0.165%
37	13.510	1940	1942	1945	rBV4	5282	7016	2.04%	0.160%
38	13.551	1945	1949	1951	rBV4	10099	12799	3.73%	0.291%
39	13.663	1963	1968	1972	rBV6	12346	23172	6.74%	0.527%
40	13.745	1978	1982	1990	rVB6	28892	60280	17.55%	1.372%
41	13.898	2003	2008	2011	rBV2	263650	311083	90.54%	7.080%
42	13.921	2011	2012	2019	rVB	61862	50393	14.67%	1.147%
43	14.010	2024	2027	2029	rBV4	9592	9598	2.79%	0.218%
44	14.068	2035	2037	2040	rVB4	8108	6219	1.81%	0.142%
45	14.927	2180	2183	2185	rBV2	35159	45628	13.28%	1.038%
46	15.221	2230	2233	2235	rVB	24784	24257	7.06%	0.552%
47	15.280	2240	2243	2246	rVV	28117	36142	10.52%	0.823%
48	15.333	2249	2252	2260	rVB	115702	171485	49.91%	3.903%

Sum of corrected areas: 4393803

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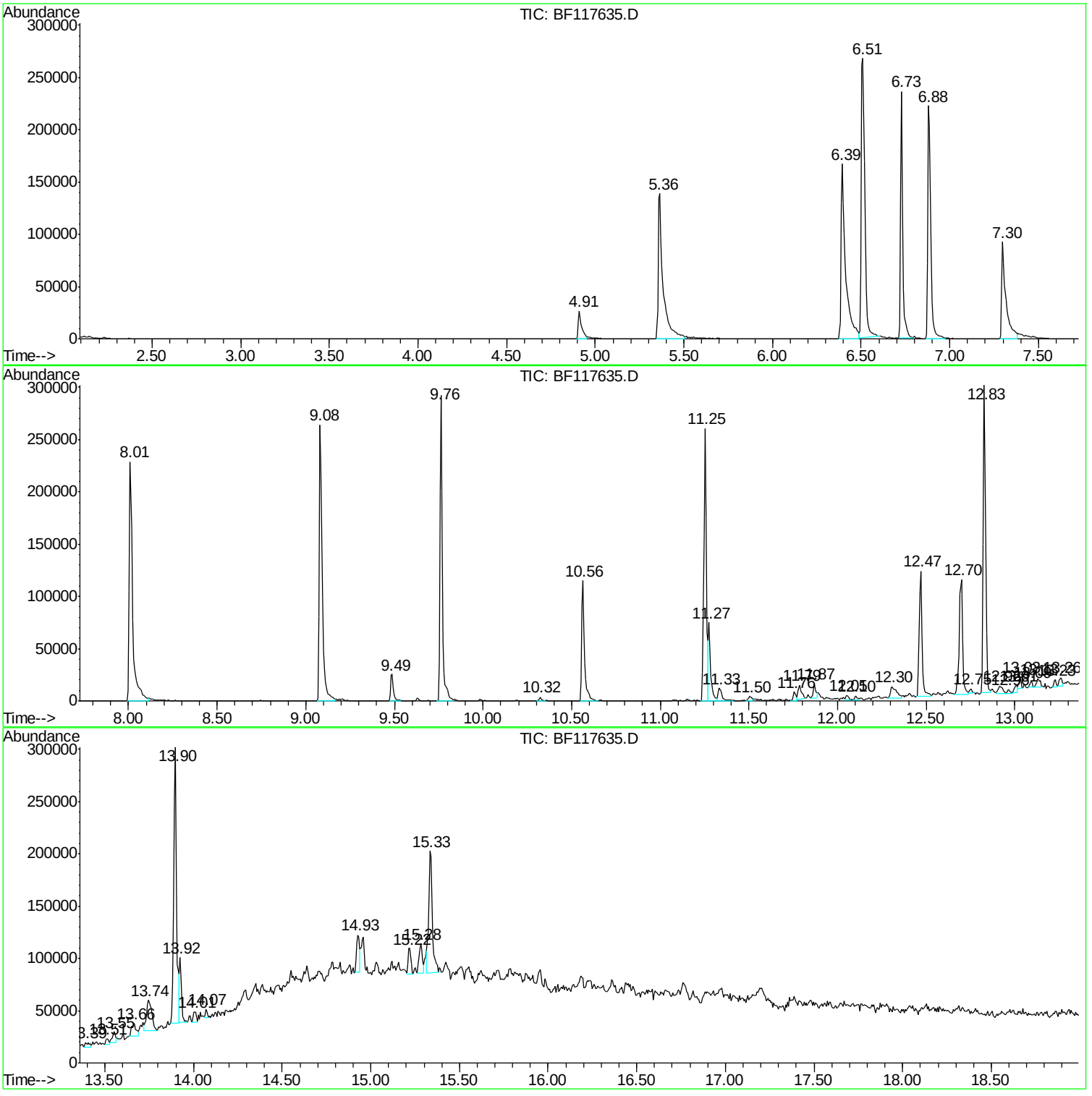
BNA_F
ClientSampleId :
202-38-(0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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

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Instrument : BNA_F
ClientSampleId : 202-38-(0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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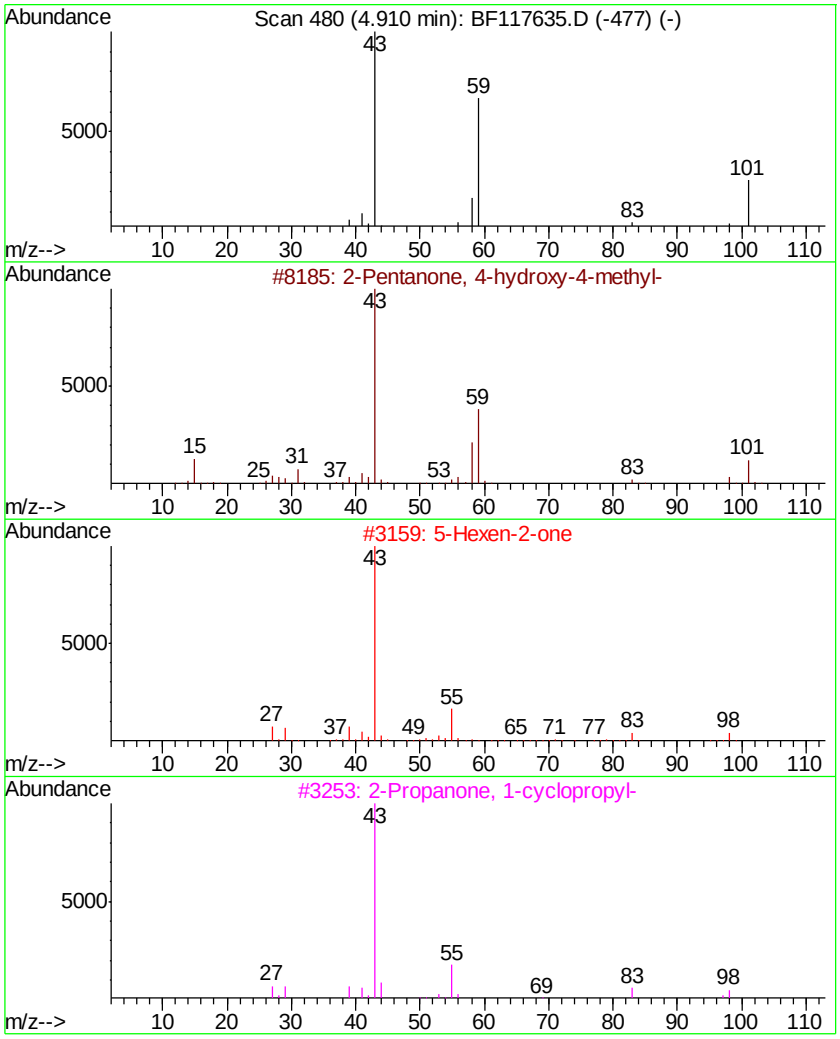
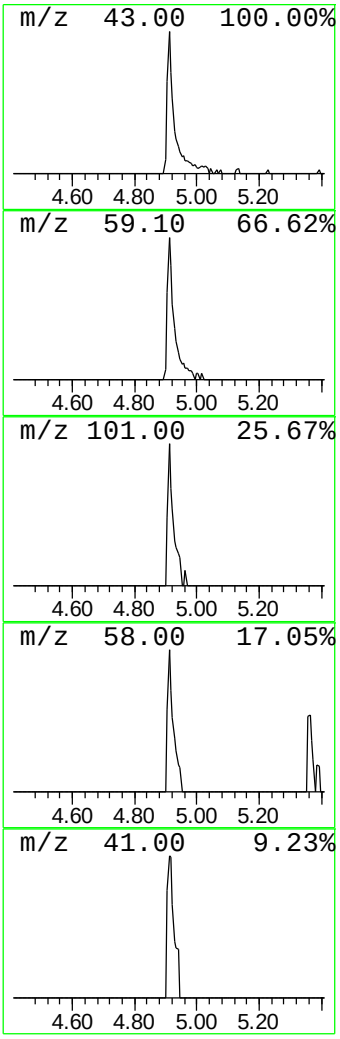
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.33 ng	36373	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7





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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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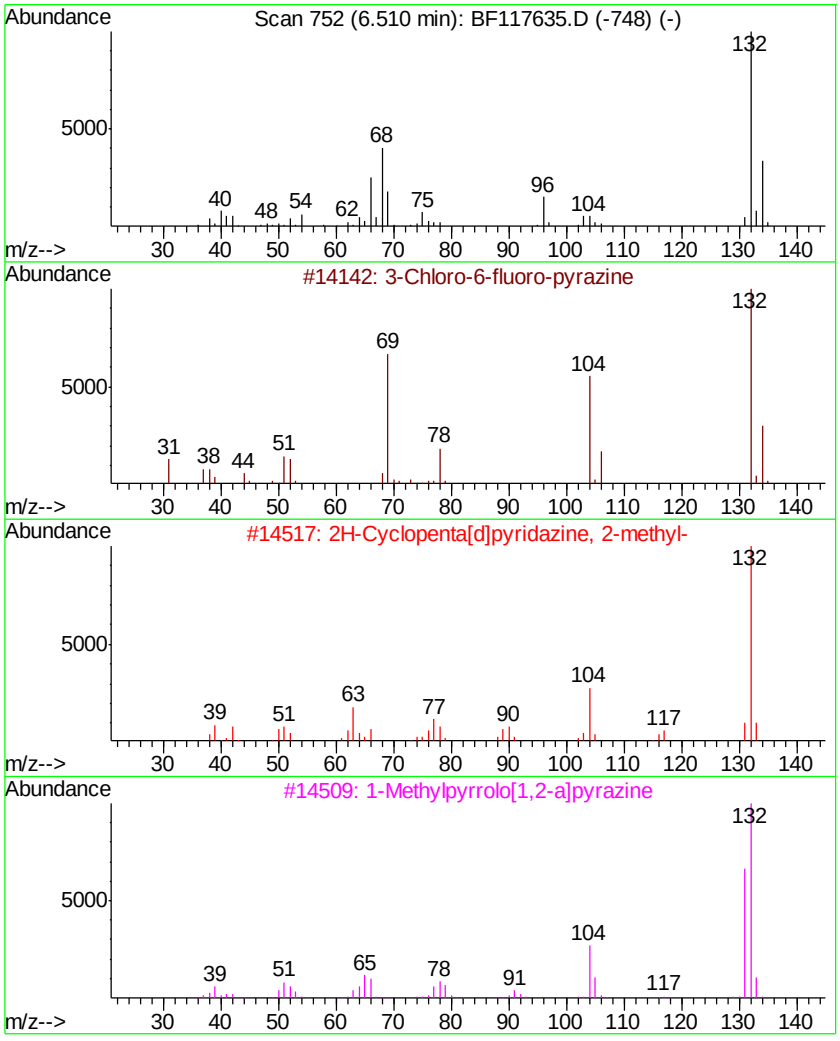
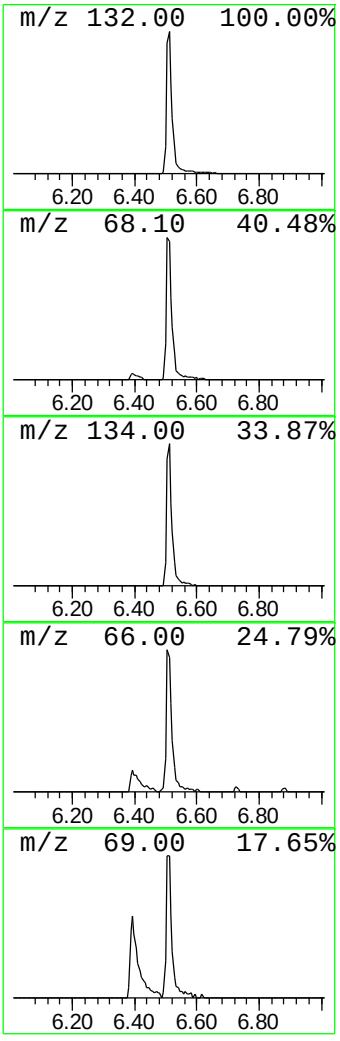
Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	31.44 ng	343572	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
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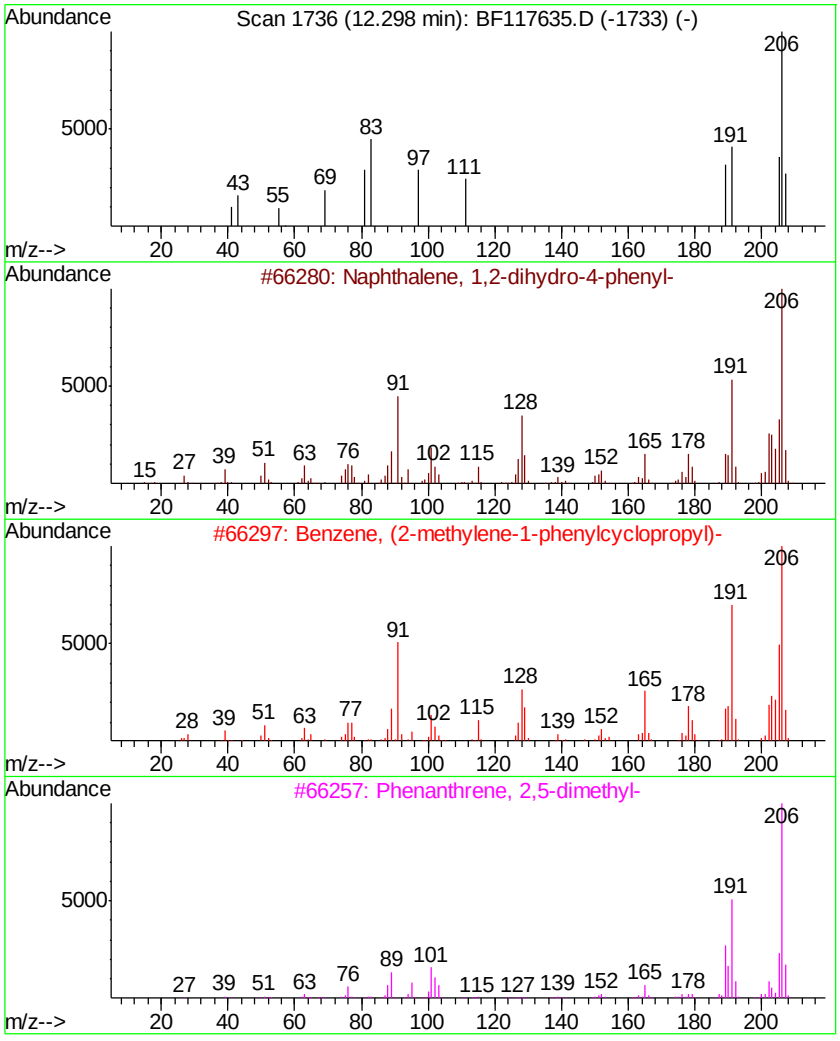
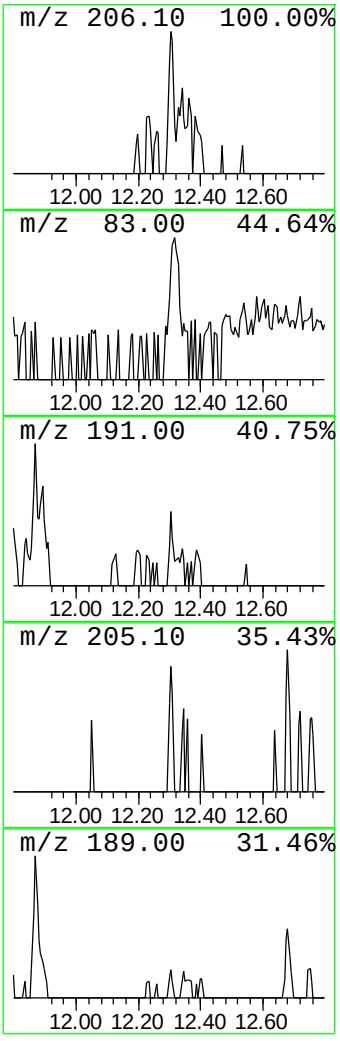
Peak Number 4 unknown12.30 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.08 ng	27364	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
2	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	49
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
4	[14]Annulene, 1,6:7,12-bis(metha...	206	C16H14	085440-62-6	25
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	25





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Instrument : BNA_F
ClientSampleId : 202-38-(0-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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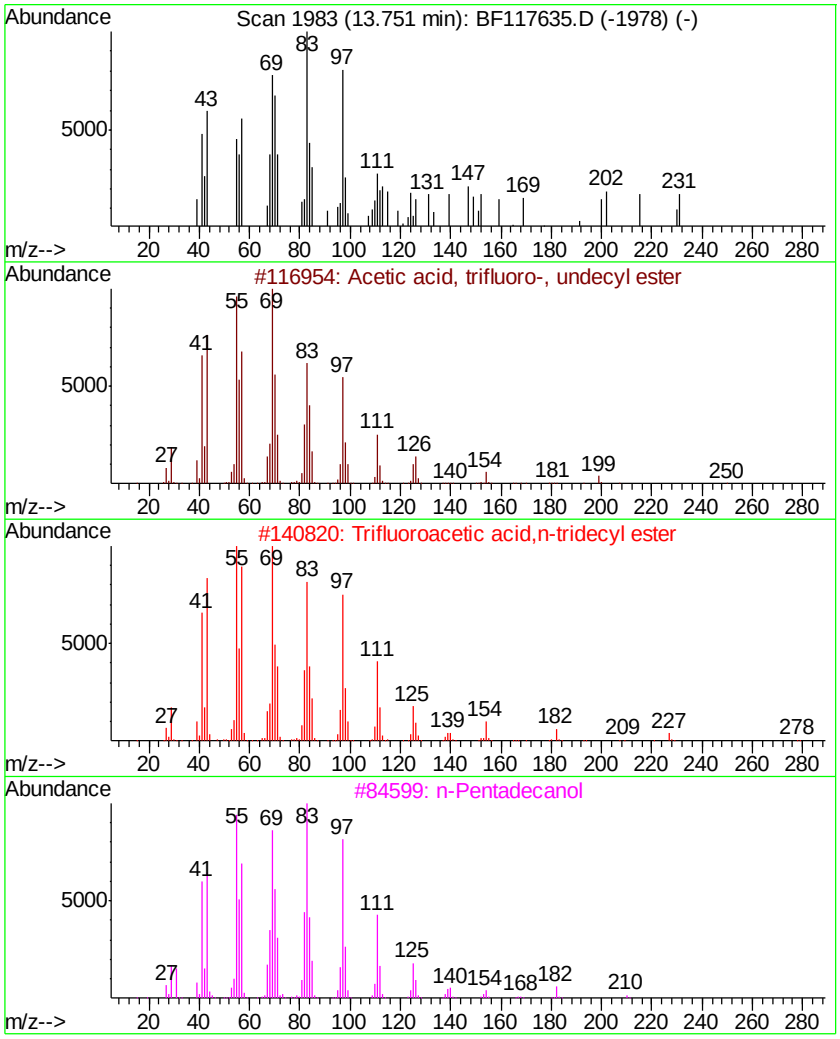
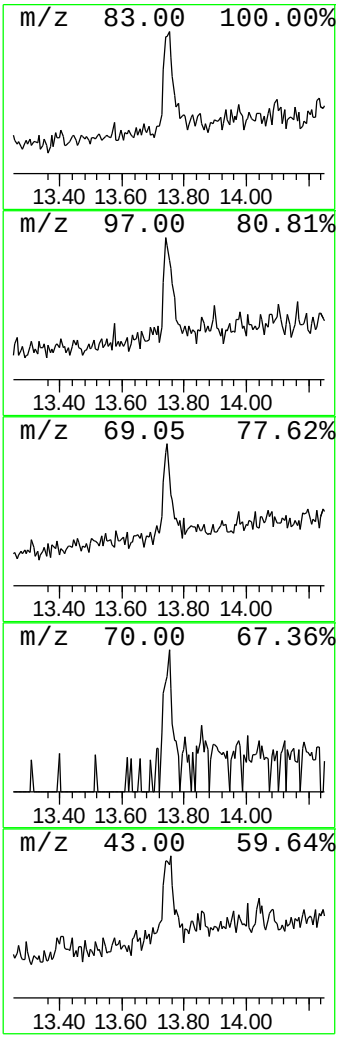
Peak Number 5 Acetic acid, trifluoro-, un... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.88 ng	60280	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, trifluoro-, undecyl...	268	C13H23F3O2	053800-01-4	83
2	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	80
3	n-Pentadecanol	228	C15H32O	000629-76-5	50
4	1H-Imidazole, 4,5-dihydro-2-(1-m...	112	C6H12N2	040029-86-5	43
5	1-Tetradecanol	214	C14H30O	000112-72-1	43





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

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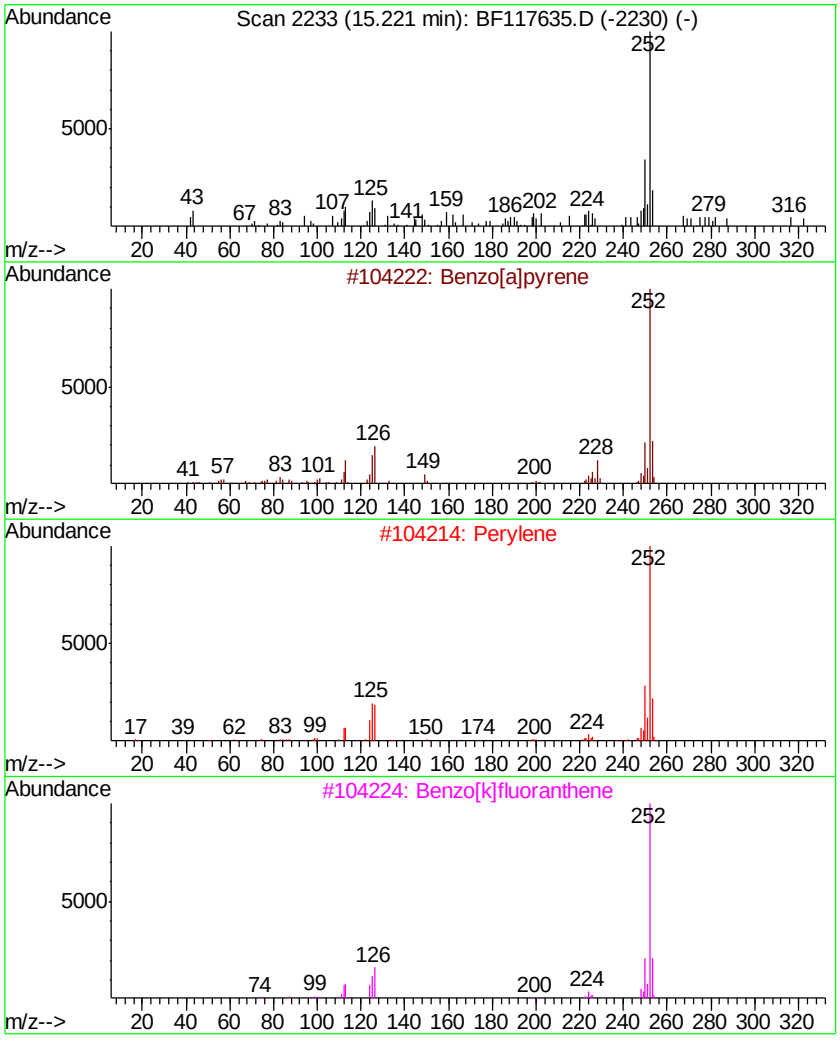
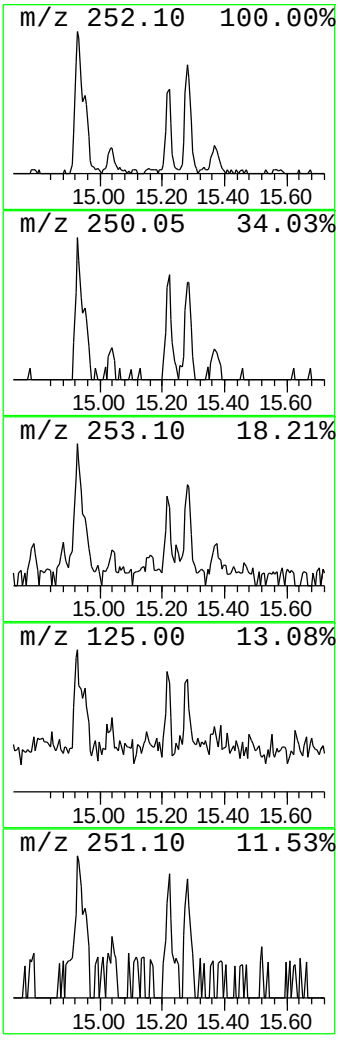
Peak Number 6 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.83 ng	24257	Perylene-d12	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	60
2	Perylene	252	C20H12	000198-55-0	58
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	53
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	53
5	Benzo[e]pyrene	252	C20H12	000192-97-2	53





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...	4.91	3.3	ng	36373	1	6.73	218565	20.0
unknown6.51	6.51	31.4	ng	343572	1	6.73	218565	20.0
unknown12.30	12.30	2.1	ng	27364	4	11.25	262746	20.0
Acetic acid, trif...	13.75	3.9	ng	60280	5	13.90	311083	20.0
Perylene	15.22	2.8	ng	24257	6	15.34	171485	20.0