LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098006.D
Acq On : 24 Aug 2017 17:13
Operator : SJ/JU
Sample : I4919-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106-W(0-5)COMP

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-BF081517.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	4.945	482	486	497	rVB	231853	353069	9.00%	0.919%
2	5.351	549	555	558	rBV	3341665	3689944	94.01%	9.608%
3	6.381	723	730	733	rBV	3127363	3924941	100.00%	10.220%
4	6.510	746	752	755	rBV	3401803	3605852	91.87%	9.389%
5	6.739	787	791	794	rBV	880358	772377	19.68%	2.011%
6	6.892	813	817	821	rBV	2657884	2615361	66.63%	6.810%
7	7.304	881	887	890	rBV	2331147	2381511	60.68%	6.201%
8	8.022	1004	1009	1012	rBV	1150308	1029669	26.23%	2.681%
9	9.098	1186	1192	1195	rBV	3419841	3370307	85.87%	8.776%
10	9.492	1255	1259	1262	rVB	632969	494380	12.60%	1.287%
11	9.774	1301	1307	1310	rBV	1091836	1074537	27.38%	2.798%
12	9.804	1310	1312	1316	rVB	132871	99223	2.53%	0.258%
13	9.974	1337	1341	1344	rBV	98117	86256	2.20%	0.225%
14	10.210	1378	1381	1384	rVB	74682	62346	1.59%	0.162%
15	10.316	1396	1399	1404	rVB2	65084	56843	1.45%	0.148%
16	10.563	1435	1441	1444	rBV	2095165	2285174	58.22%	5.950%
17	10.680	1458	1461	1469	rBV	126111	136851	3.49%	0.356%
18	11.057	1521	1525	1530	rVB	93558	82305	2.10%	0.214%
19	11.127	1530	1537	1539	rBV3	100995	120772	3.08%	0.314%
20	11.151	1539	1541	1548	rVB2	62136	75557	1.93%	0.197%
21	11.251	1554	1558	1560	rBV	1166422	1095501	27.91%	2.852%
22	11.274	1560	1562	1565	rVV	895598	733601	18.69%	1.910%
23	11.310	1565	1568	1569	rVV2	49827	56886	1.45%	0.148%
24	11.327	1569	1571	1574	rVB	149859	117377	2.99%	0.306%
25	11.480	1592	1597	1600	rBV2	78431	88403	2.25%	0.230%
26	11.551	1607	1609	1612	rBV3	62293	57075	1.45%	0.149%
27	11.751	1638	1643	1646	rBV	89101	84882	2.16%	0.221%
28	11.780	1646	1648	1651	rVV	139079	108529	2.77%	0.283%
29	11.827	1651	1656	1658	rVV2	48068	47142	1.20%	0.123%
30	11.863	1658	1662	1664	rVV	111176	116819	2.98%	0.304%
31	11.886	1664	1666	1671	rVB	67386	57808	1.47%	0.151%
32	11.963	1676	1679	1681	rBV	47053	41864	1.07%	0.109%
33	12.051	1690	1694	1695	rBV	64077	57268	1.46%	0.149%
34	12.068	1695	1697	1700	rVB	50237	39712	1.01%	0.103%

LSC Area Percent Report

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Instrument : BNA_F
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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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.304	1733	1737	1740	rBV	73020	80515	2.05%	0.210%
36	12.351	1740	1745	1748	rVV4	44096	70908	1.81%	0.185%
37	12.380	1748	1750	1756	rVB2	52766	59178	1.51%	0.154%
38	12.463	1760	1764	1767	rVV	771973	660053	16.82%	1.719%
39	12.610	1782	1789	1793	rBV3	33347	67576	1.72%	0.176%
40	12.686	1795	1802	1805	rVV	670490	748597	19.07%	1.949%
41	12.739	1809	1811	1815	rVB2	43962	48397	1.23%	0.126%
42	12.810	1819	1823	1824	rBV	44168	43480	1.11%	0.113%
43	12.845	1824	1829	1832	rVV	2891947	3150804	80.28%	8.204%
44	12.910	1834	1840	1843	rBV3	44354	78375	2.00%	0.204%
45	13.010	1851	1857	1861	rVB3	64170	122790	3.13%	0.320%
46	13.121	1871	1876	1878	rBV2	73765	81140	2.07%	0.211%
47	13.210	1888	1891	1894	rVB	47948	41129	1.05%	0.107%
48	13.239	1894	1896	1900	rBV	57877	53317	1.36%	0.139%
49	13.398	1919	1923	1925	rBV2	35047	49010	1.25%	0.128%
50	13.521	1940	1944	1948	rVB	68487	70305	1.79%	0.183%
51	13.627	1958	1962	1965	rBV2	50708	67661	1.72%	0.176%
52	13.733	1977	1980	1987	rVB2	237583	303247	7.73%	0.790%
53	13.886	1998	2006	2008	rBV2	1036599	1240210	31.60%	3.229%
54	13.909	2008	2010	2016	rVB	273840	244567	6.23%	0.637%
55	14.268	2068	2071	2074	rVB	56841	52065	1.33%	0.136%
56	14.615	2126	2130	2132	rBV	136084	141839	3.61%	0.369%
57	14.639	2132	2134	2139	rVB	121752	128757	3.28%	0.335%
58	14.733	2146	2150	2155	rVB2	121280	128245	3.27%	0.334%
59	14.898	2173	2178	2181	rBV	192047	312561	7.96%	0.814%
60	15.180	2222	2226	2229	rBV	115387	134588	3.43%	0.350%
61	15.239	2233	2236	2241	rVB	161049	180066	4.59%	0.469%
62	15.304	2242	2247	2250	rBV	622061	745657	19.00%	1.942%
63	15.798	2328	2331	2340	rVB9	28211	51542	1.31%	0.134%
64	16.662	2473	2478	2488	rVB2	66209	129489	3.30%	0.337%
65	17.074	2543	2548	2554	rVB	51822	98882	2.52%	0.257%

Sum of corrected areas: 38405092

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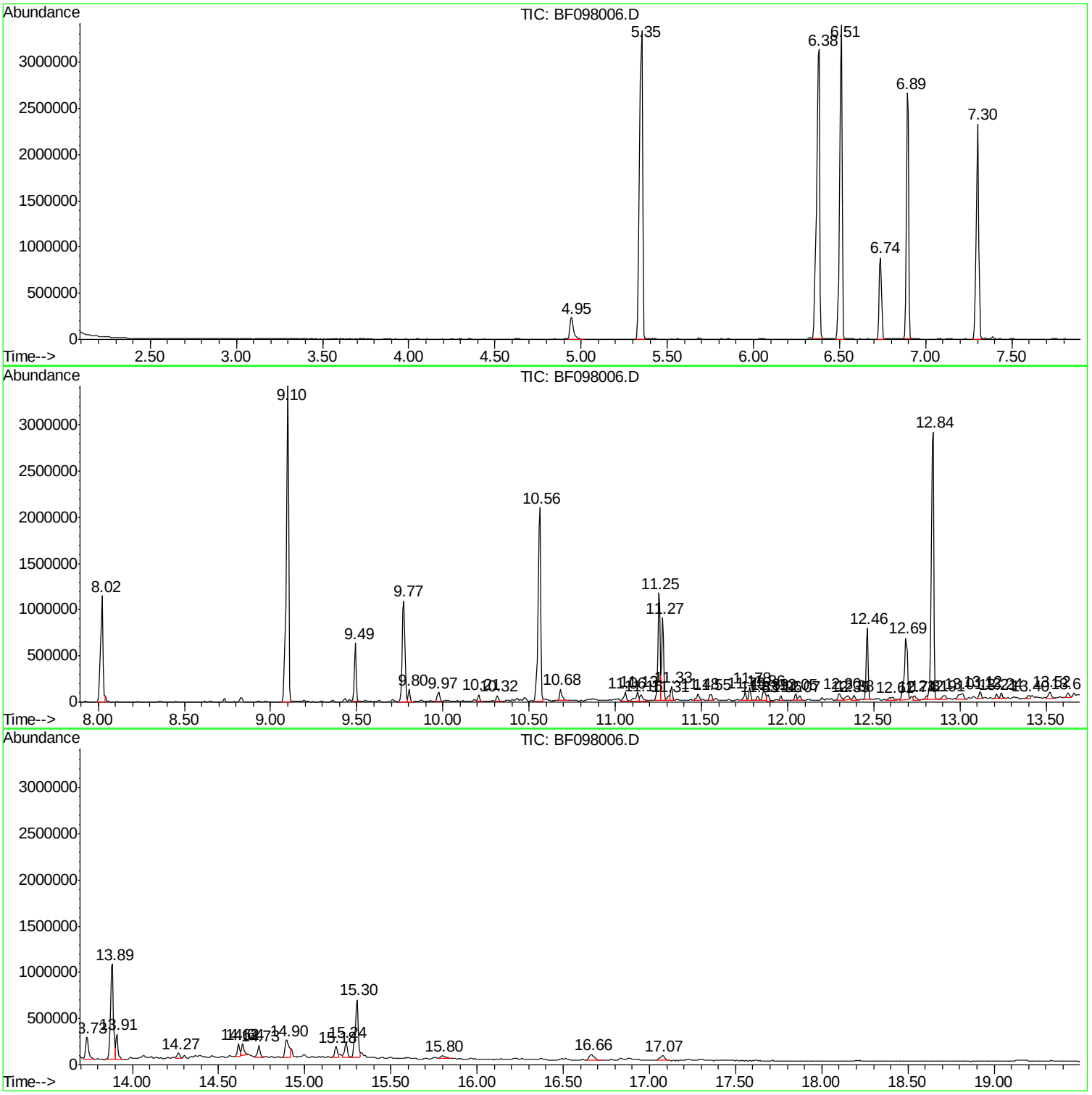
BNA_F
ClientSampleId :
SASP2P-TP-106-W(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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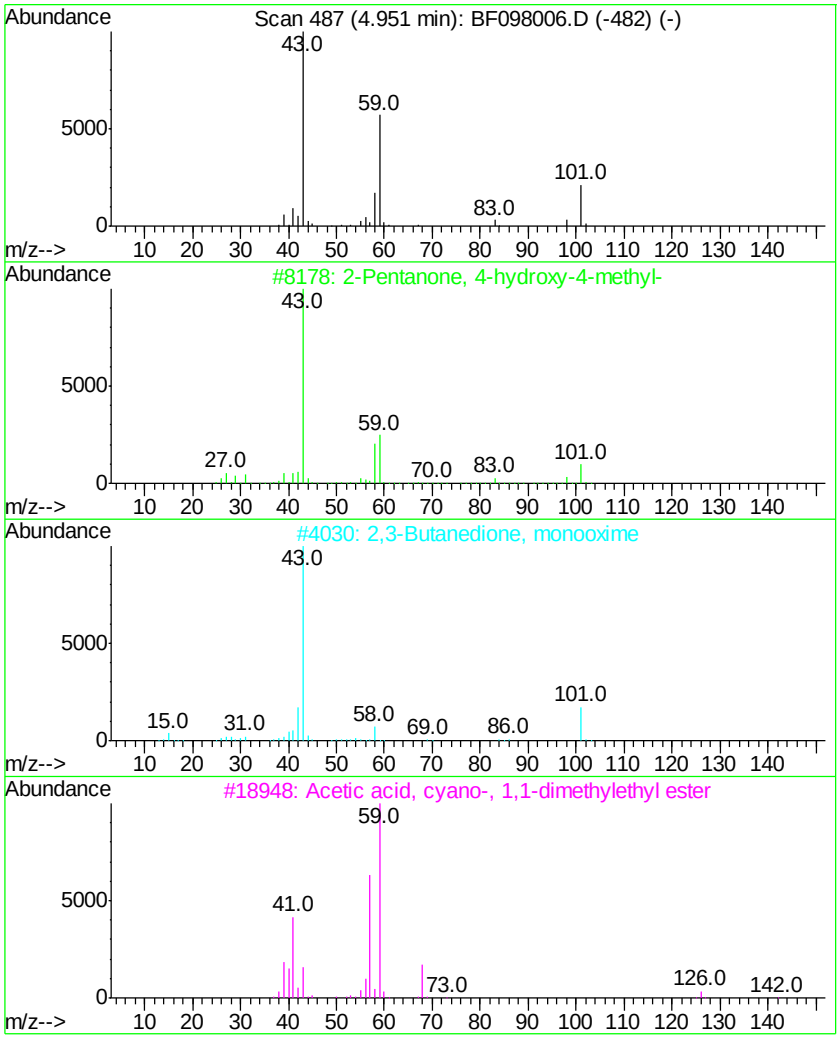
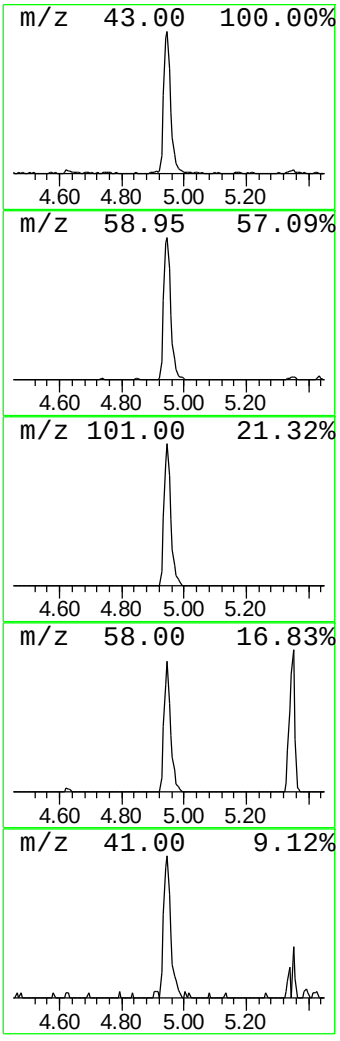
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	9.14 ng	353069	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF098006.D
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Operator : SJ/JU
Sample : I4919-02
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Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-W(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

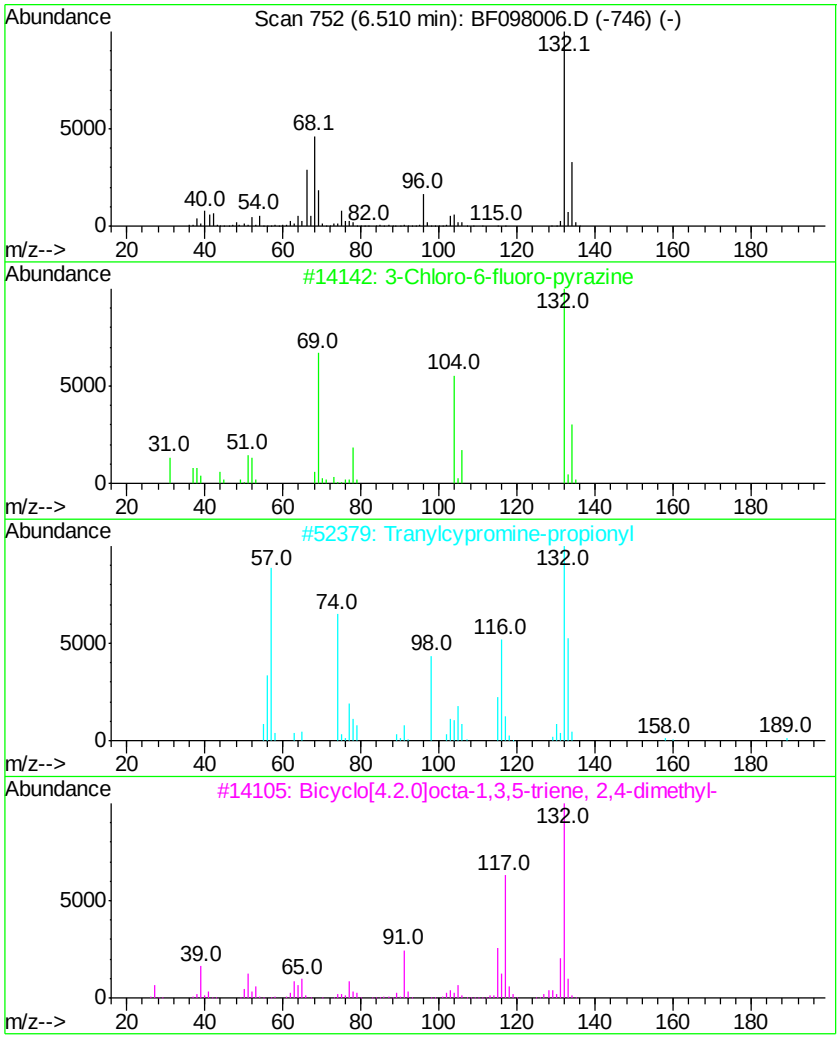
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

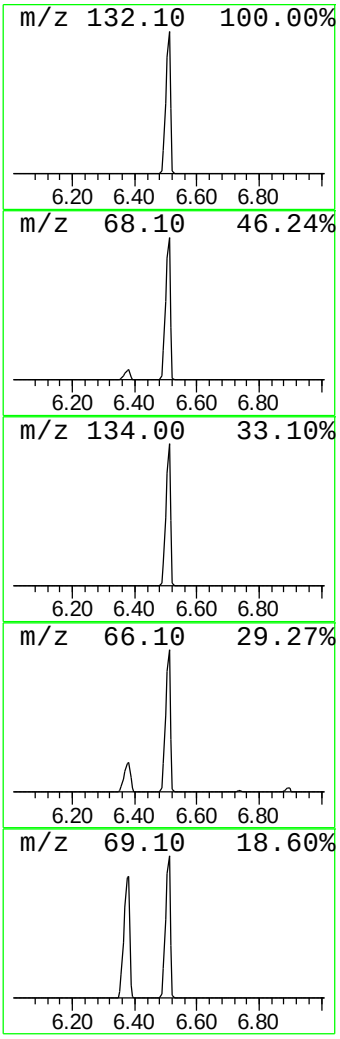
****

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	93.37 ng	3605850	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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Instrument :
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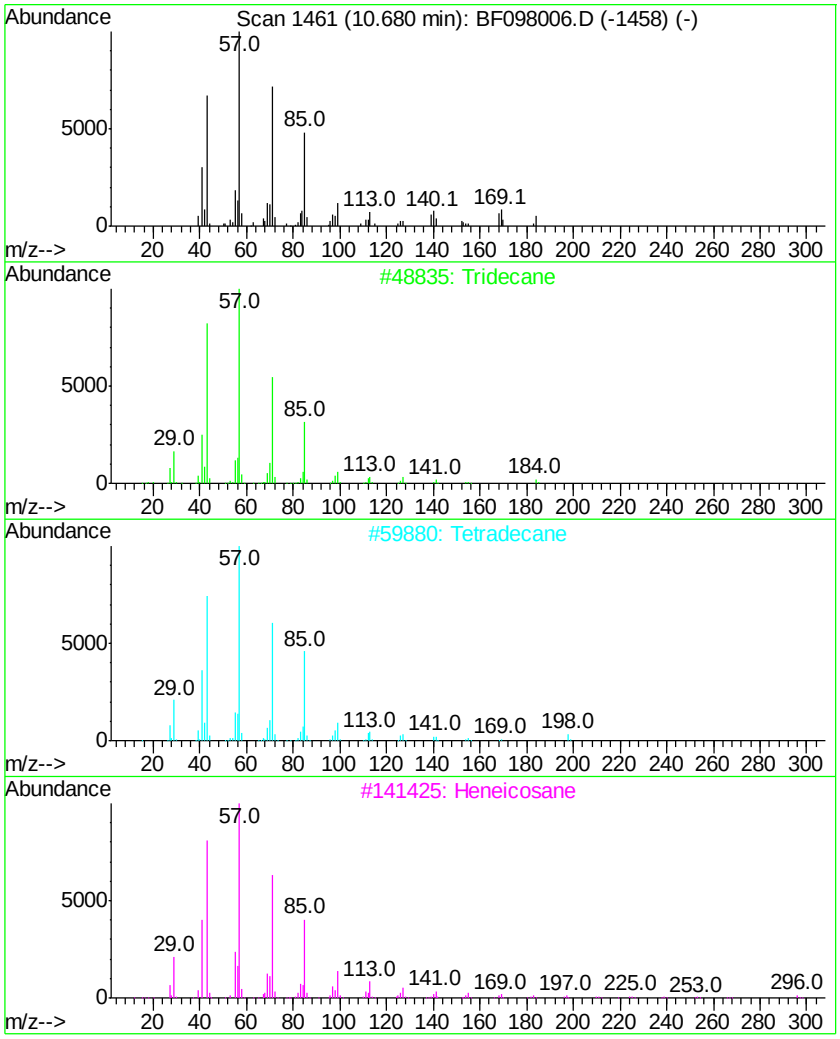
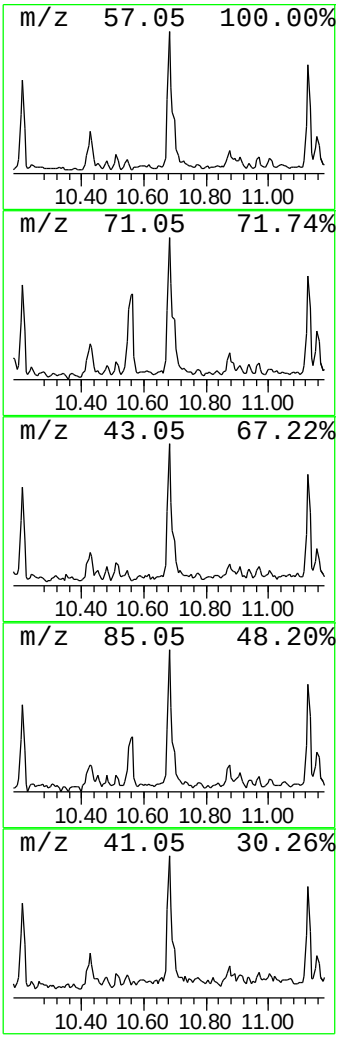
Peak Number 4 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.50 ng	136851	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tetradecane	198	C14H30	000629-59-4	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Eicosane	282	C20H42	000112-95-8	80
5	9-methylheptadecane	254	C18H38	026741-18-4	80





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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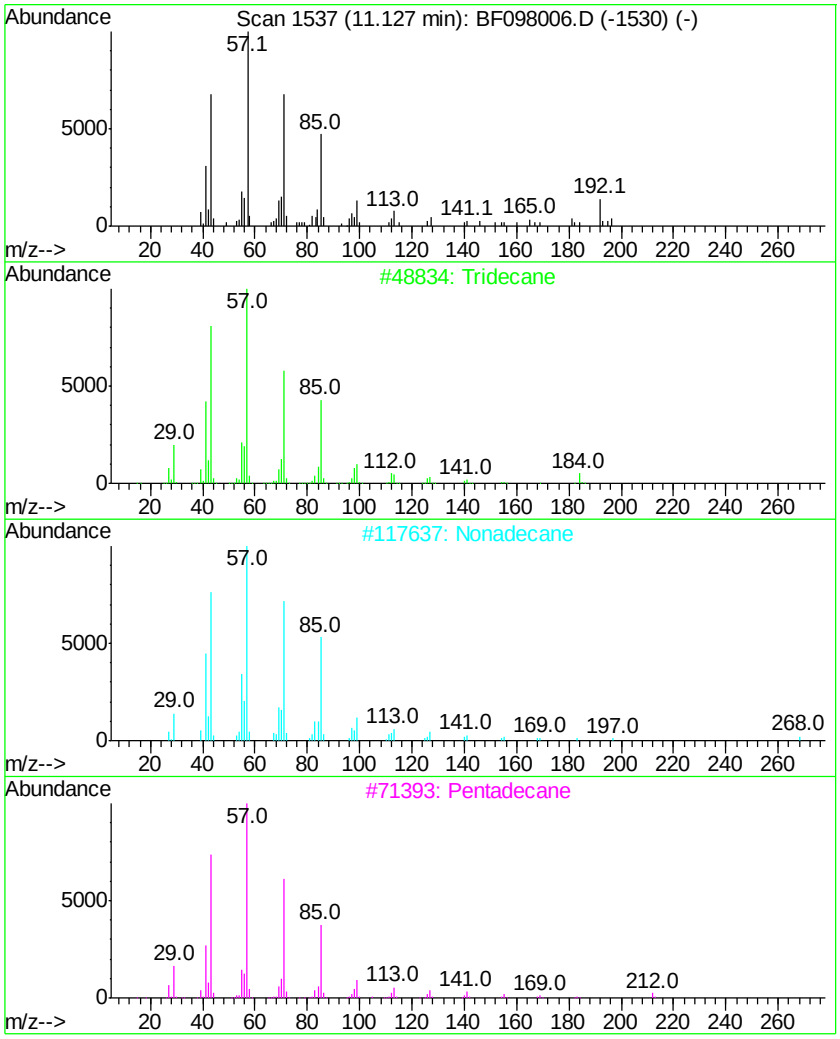
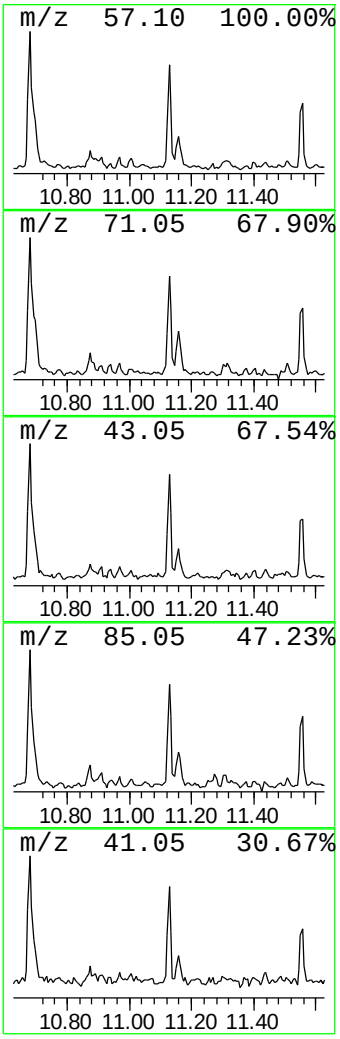
****

Peak Number 5 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.20 ng	120772	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Nonadecane	268	C19H40	000629-92-5	87
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Tetracosane	338	C24H50	000646-31-1	83





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SASP2P-TP-106-W(0-5)COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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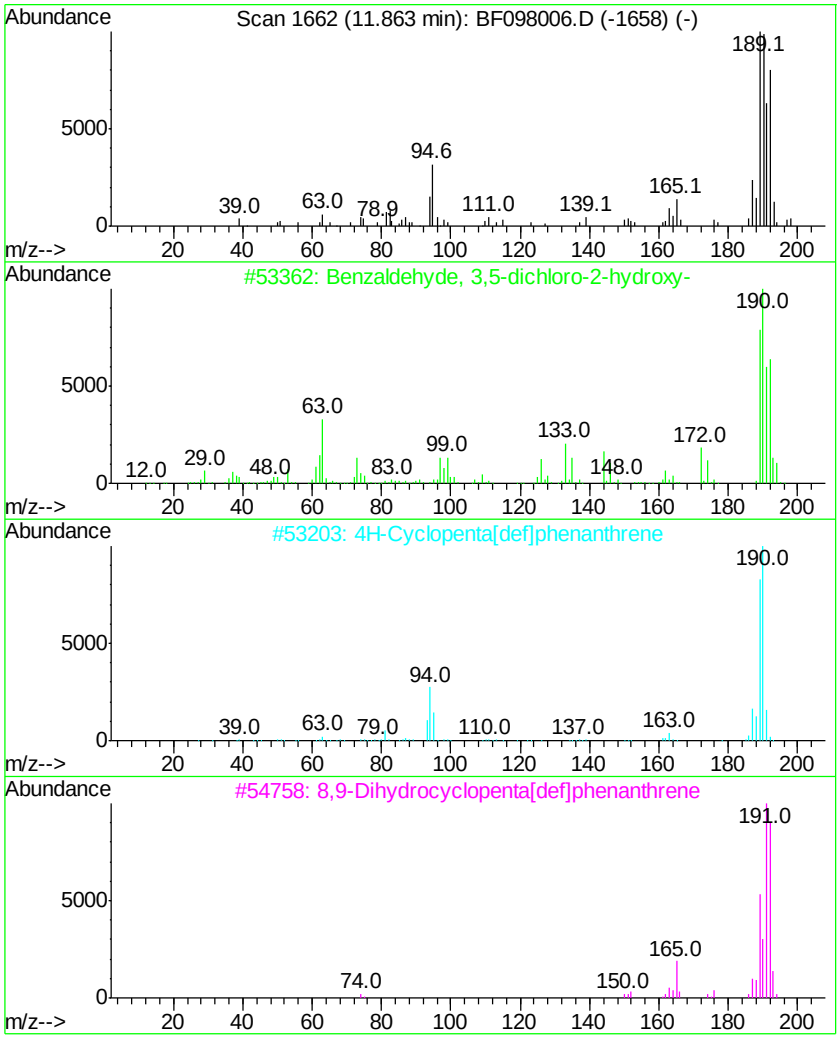
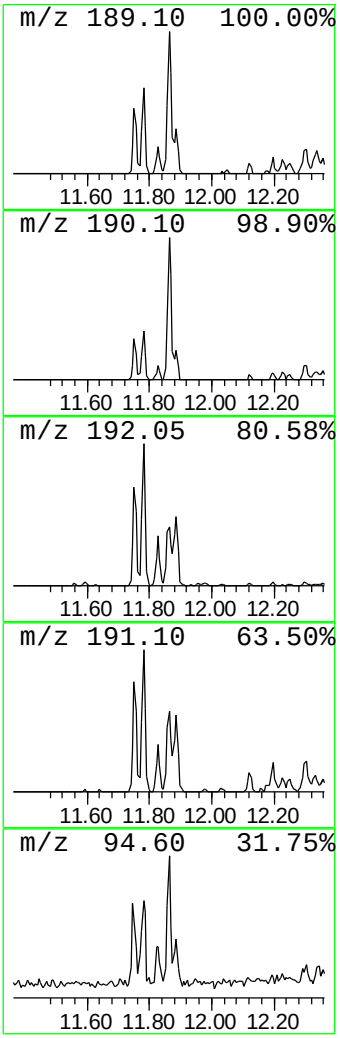
Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.13 ng	116819	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	35
5	Methyl diselenide	190	C2H6Se2	007101-31-7	30





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TIC Library : C:\DATABASE\NIST11.L
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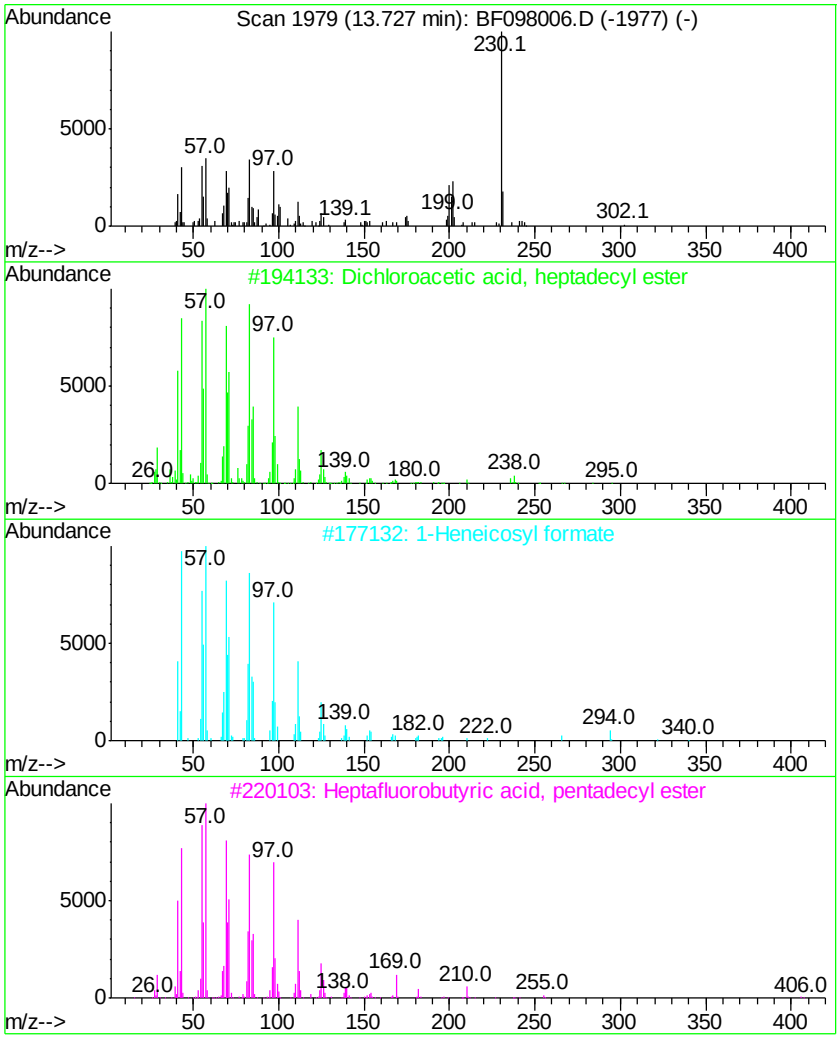
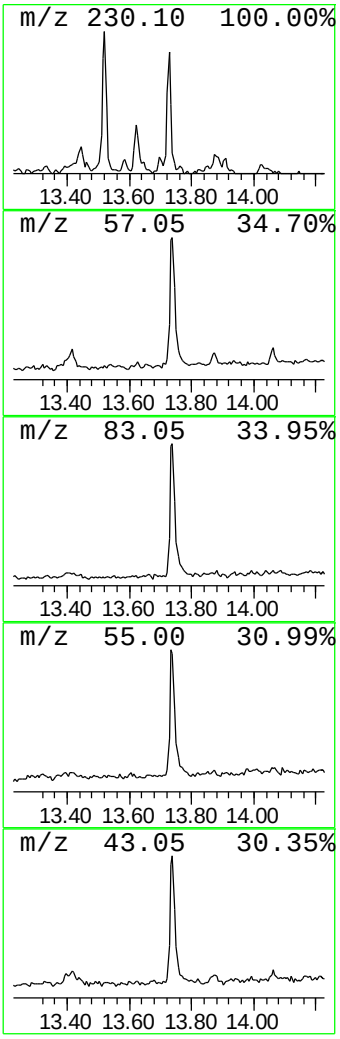
Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.89 ng	303247	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	90





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Sample : I4919-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106-W(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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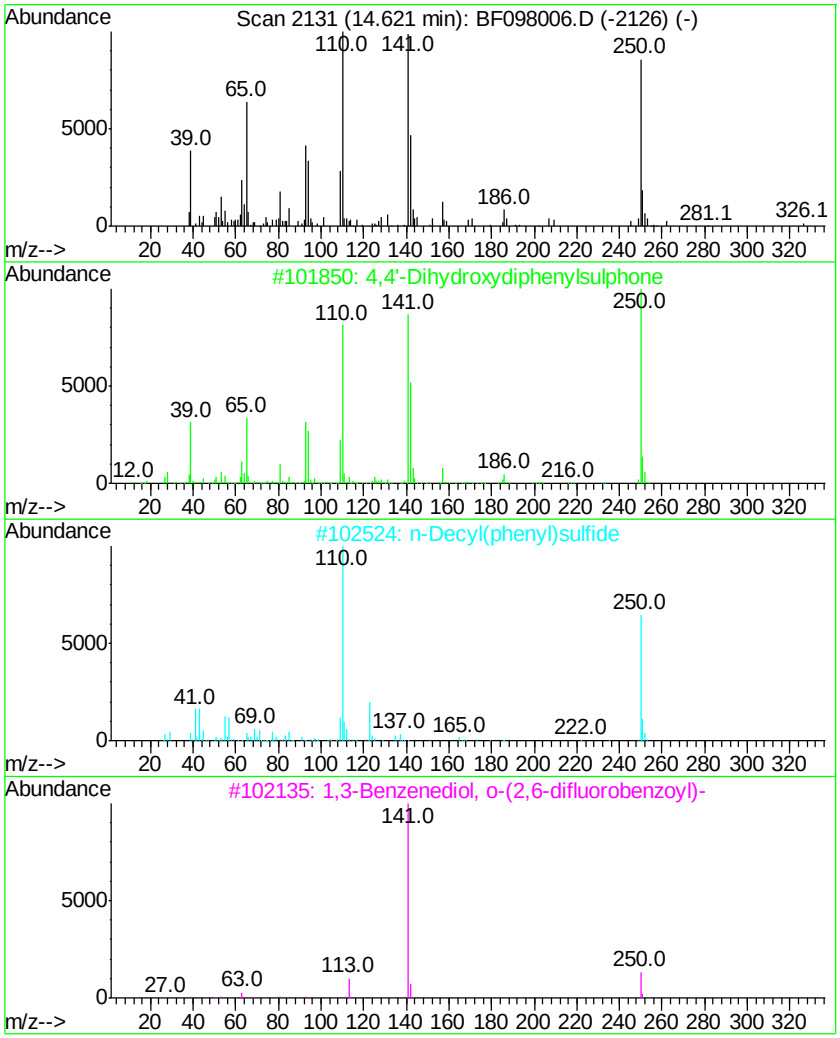
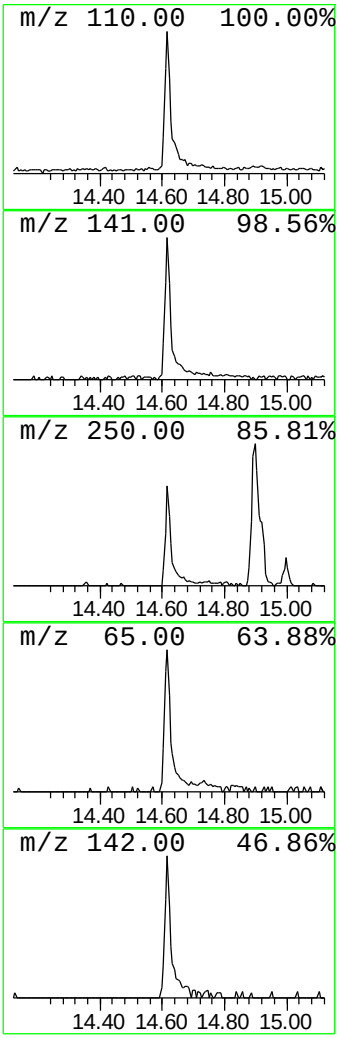
Peak Number 8 4,4'-Dihydroxydiphenylsulphone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	3.80 ng	141839	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dihydroxydiphenylsulphone	250	C12H10O4S	000080-09-1	99
2	n-Decyl(phenyl)sulfide	250	C16H26S	013910-18-4	22
3	1,3-Benzenediol, o-(2,6-difluoro...	250	C13H8F2O3	1000330-83-2	14
4	1H-Pyrazole-5-carboxylic acid, 4...	141	C4H7N5O	1000327-48-2	14
5	1,3-Benzenediol, 4,4'-thiobis-	250	C12H10O4S	000097-29-0	11





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098006.D
Acq On : 24 Aug 2017 17:13
Operator : SJ/JU
Sample : I4919-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-W(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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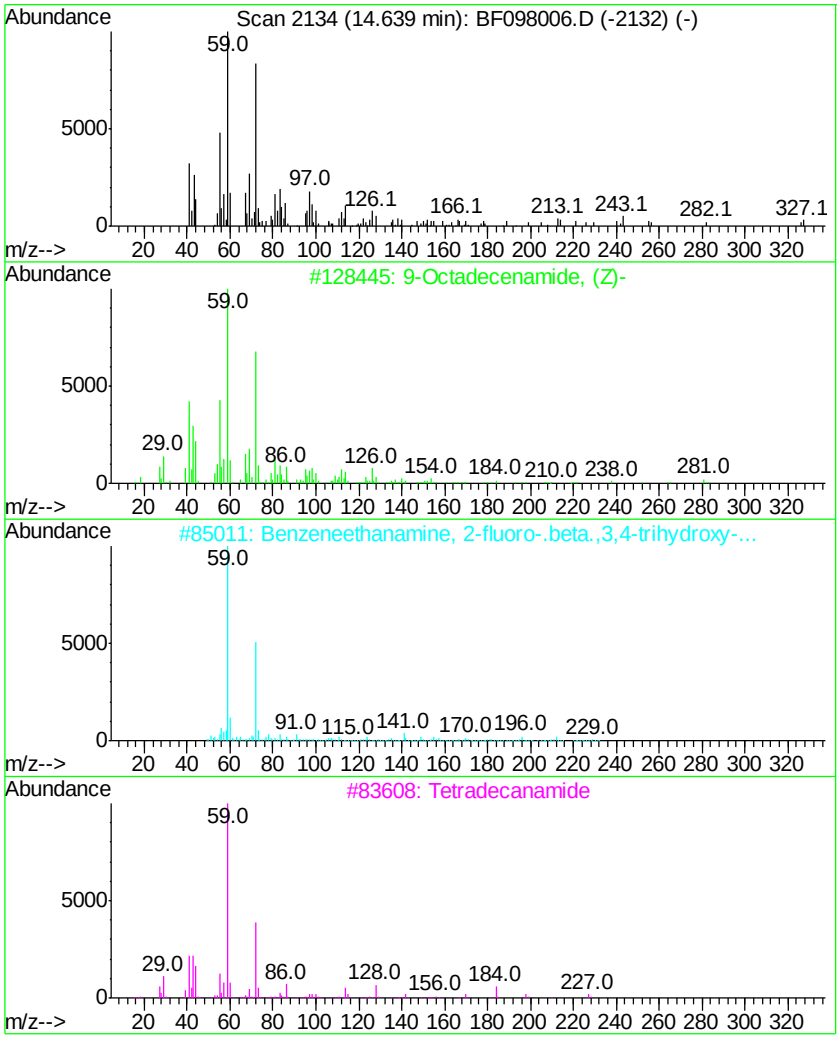
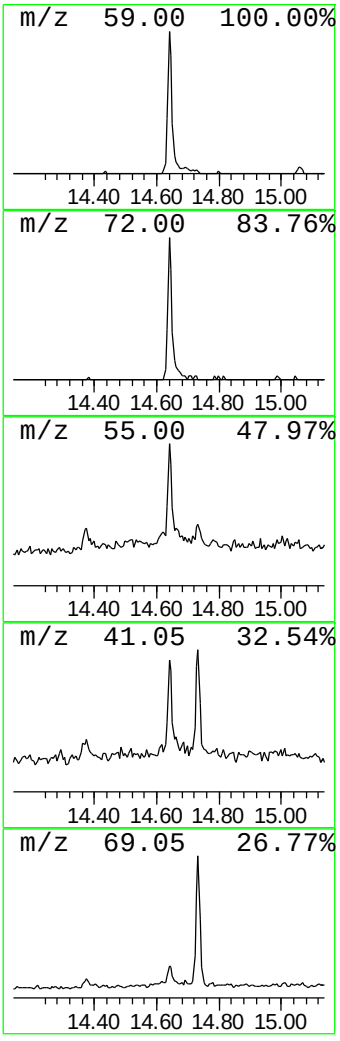
Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.45 ng	128757	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59
3	Tetradecanamide	227	C14H29NO	000638-58-4	53
4	7-Nonenamide	155	C9H17NO	090949-53-4	46
5	Dodecanamide	199	C12H25NO	001120-16-7	43





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Data File : BF098006.D
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Operator : SJ/JU
Sample : I4919-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106-W(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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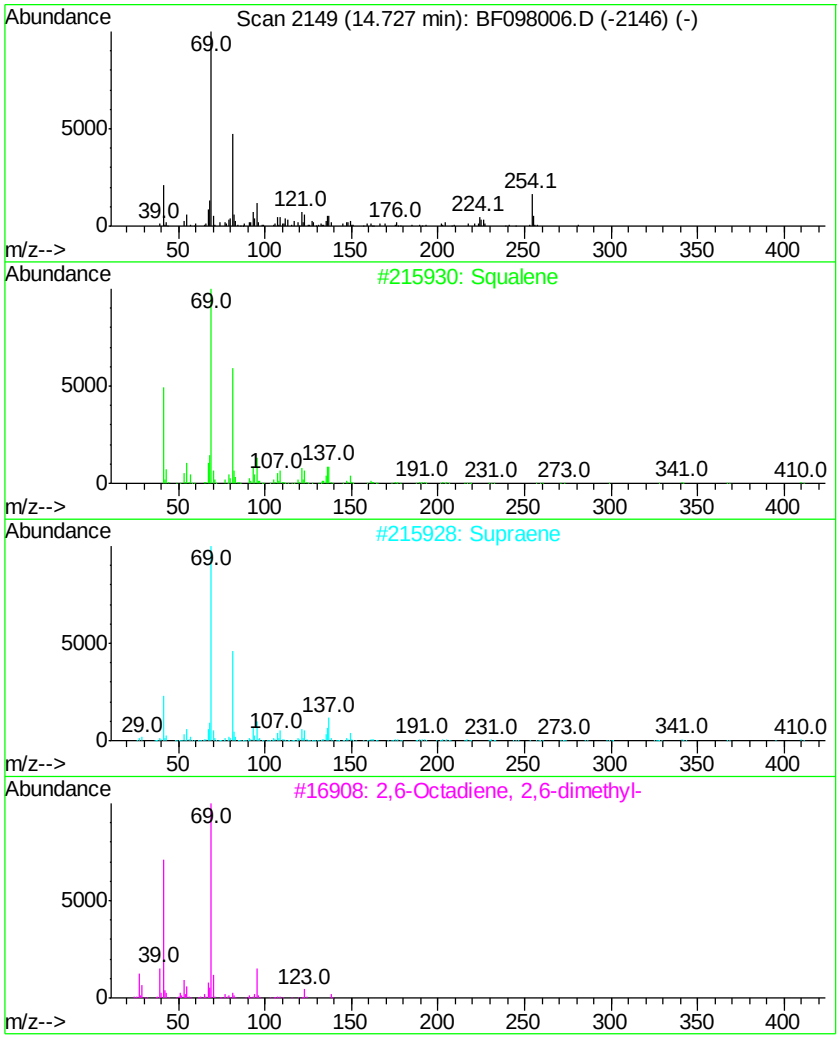
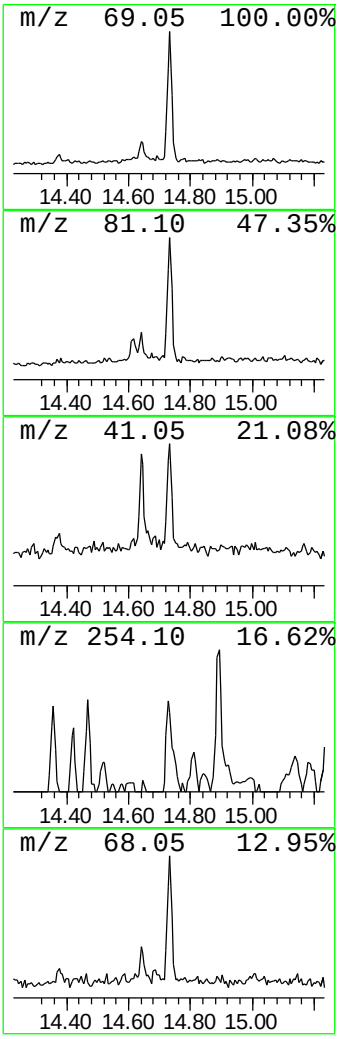
Peak Number 10 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.44 ng	128245	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	81
2	Supraene	410	C30H50	007683-64-9	81
3	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	59
4	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	59
5	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098006.D
Acq On : 24 Aug 2017 17:13
Operator : SJ/JU
Sample : I4919-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106-W(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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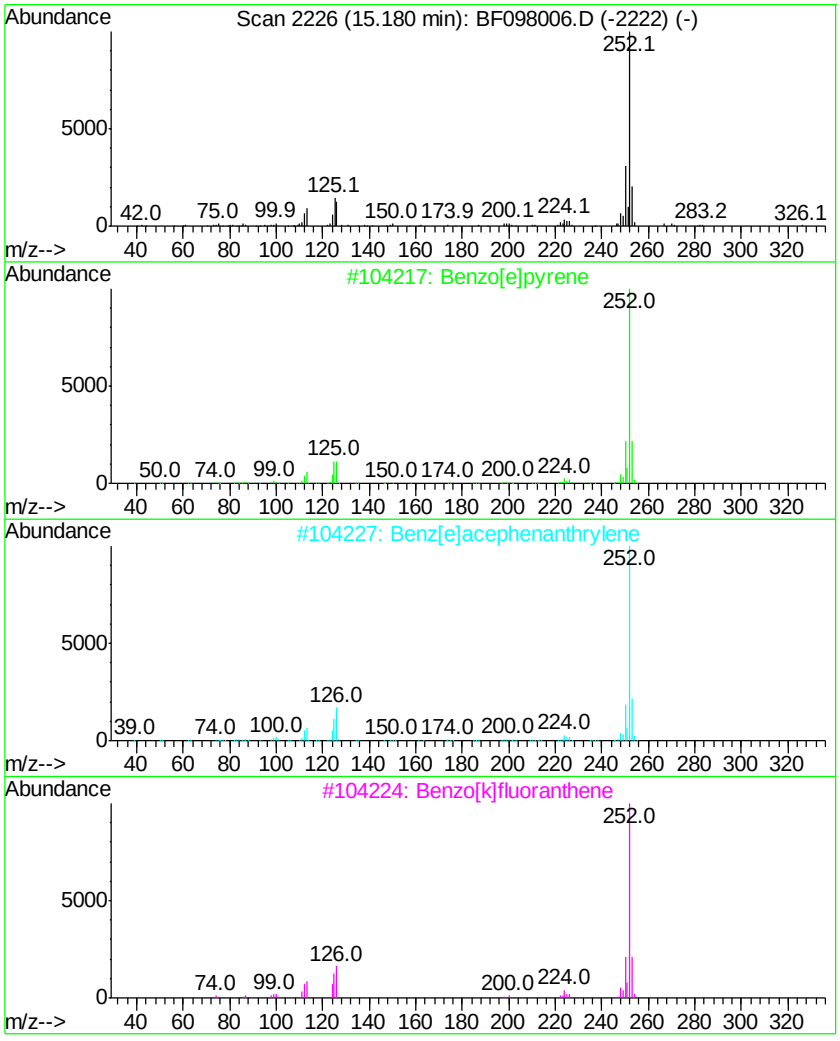
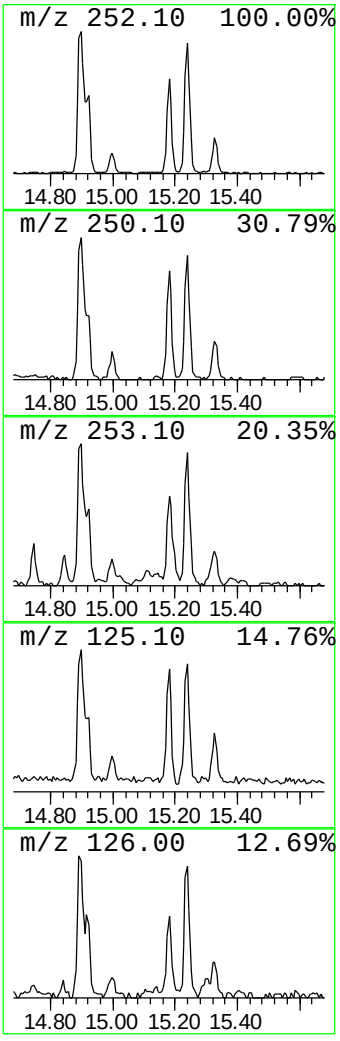
Peak Number 11 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	3.61 ng	134588	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098006.D
Acq On : 24 Aug 2017 17:13
Operator : SJ/JU
Sample : I4919-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-TP-106-W(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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...	4.95	9.1	ng	353069	1	6.74	772377	20.0
unknown6.51	6.51	93.4	ng	3605850	1	6.74	772377	20.0
Tridecane	10.68	2.5	ng	136851	4	11.25	1095500	20.0
Nonadecane	11.13	2.2	ng	120772	4	11.25	1095500	20.0
Benzaldehyde, 3,5...	11.86	2.1	ng	116819	4	11.25	1095500	20.0
Dichloroacetic ac...	13.73	4.9	ng	303247	5	13.89	1240210	20.0
4,4'-Dihydroxydip...	14.62	3.8	ng	141839	6	15.30	745657	20.0
9-Octadecenamide,...	14.64	3.5	ng	128757	6	15.30	745657	20.0
Squalene	14.73	3.4	ng	128245	6	15.30	745657	20.0
Benzo[e]pyrene	15.18	3.6	ng	134588	6	15.30	745657	20.0