LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111838.D
Acq On : 3 Jan 2019 23:05
Operator : JU/SJ
Sample : K1019-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-D-11-12-B

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-BF121918.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	2.199	14	19	24	rVB	91475	126523	2.15%	0.238%
2	3.446	228	231	249	rBV	26954	83764	1.43%	0.158%
3	5.122	509	516	523	rBV	229411	310246	5.28%	0.585%
4	5.540	582	587	590	rBV	5056523	4782816	81.42%	9.014%
5	6.545	753	758	763	rBV	4917770	5548850	94.46%	10.458%
6	6.681	776	781	784	rBV	5660995	5210855	88.70%	9.821%
7	6.904	815	819	822	rBV	1796738	1429062	24.33%	2.693%
8	7.063	841	846	849	rBV	4794226	4105436	69.89%	7.738%
9	7.463	908	914	917	rBV	3566274	3290047	56.01%	6.201%
10	8.187	1033	1037	1040	rBV	2202486	1775518	30.22%	3.346%
11	9.257	1215	1219	1223	rBV	6164415	5874537	100.00%	11.072%
12	9.645	1282	1285	1290	rVB	854127	672801	11.45%	1.268%
13	9.939	1332	1335	1339	rBV2	2197965	1826043	31.08%	3.442%
14	9.969	1339	1340	1344	rVB	103965	80836	1.38%	0.152%
15	10.145	1366	1370	1373	rBV	134440	121813	2.07%	0.230%
16	10.486	1425	1428	1433	rVB	248640	216087	3.68%	0.407%
17	10.645	1452	1455	1458	rVB	72260	58759	1.00%	0.111%
18	10.728	1465	1469	1476	rBV	2717400	2553268	43.46%	4.812%
19	11.033	1513	1521	1524	rBV3	60030	79681	1.36%	0.150%
20	11.286	1558	1564	1568	rBV4	41041	75280	1.28%	0.142%
21	11.322	1568	1570	1575	rVB	105110	90958	1.55%	0.171%
22	11.428	1584	1588	1590	rBV	1791283	1531847	26.08%	2.887%
23	11.451	1590	1592	1595	rVV	1843832	1366261	23.26%	2.575%
24	11.504	1598	1601	1604	rVB	178390	162890	2.77%	0.307%
25	11.651	1620	1626	1629	rBV2	60478	75528	1.29%	0.142%
26	11.927	1668	1673	1675	rBV	170747	155707	2.65%	0.293%
27	11.957	1675	1678	1683	rVB	232678	202187	3.44%	0.381%
28	12.039	1689	1692	1695	rBV	221691	243244	4.14%	0.458%
29	12.222	1720	1723	1725	rBV	130407	110884	1.89%	0.209%
30	12.245	1725	1727	1730	rVB	116194	91231	1.55%	0.172%
31	12.480	1763	1767	1769	rBV	72280	75889	1.29%	0.143%
32	12.563	1778	1781	1787	rVB2	54607	62904	1.07%	0.119%
33	12.639	1791	1794	1798	rVV	1470949	1221913	20.80%	2.303%
34	12.869	1827	1833	1839	rBV2	1104081	1164065	19.82%	2.194%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TEST-PIT-D-11-12-B

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.010	1853	1857	1860	rVB	4537155	3826349	65.13%	7.212%
36	13.092	1866	1871	1874	rBV2	70090	108680	1.85%	0.205%
37	13.198	1886	1889	1891	rVB	170083	144475	2.46%	0.272%
38	13.263	1898	1900	1902	rBV	137588	95023	1.62%	0.179%
39	13.304	1903	1907	1910	rBV2	88003	97437	1.66%	0.184%
40	13.427	1925	1928	1931	rBV3	48499	59967	1.02%	0.113%
41	13.904	2006	2009	2015	rVB3	344095	432760	7.37%	0.816%
42	14.069	2032	2037	2039	rBV2	1427905	1647580	28.05%	3.105%
43	14.092	2039	2041	2046	rVB	443415	369907	6.30%	0.697%
44	14.527	2113	2115	2122	rVB3	111842	135465	2.31%	0.255%
45	14.839	2166	2168	2171	rBV	92819	85592	1.46%	0.161%
46	15.116	2212	2215	2218	rBV	237910	351113	5.98%	0.662%
47	15.557	2286	2290	2299	rVB	608059	926517	15.77%	1.746%

Sum of corrected areas: 53058595

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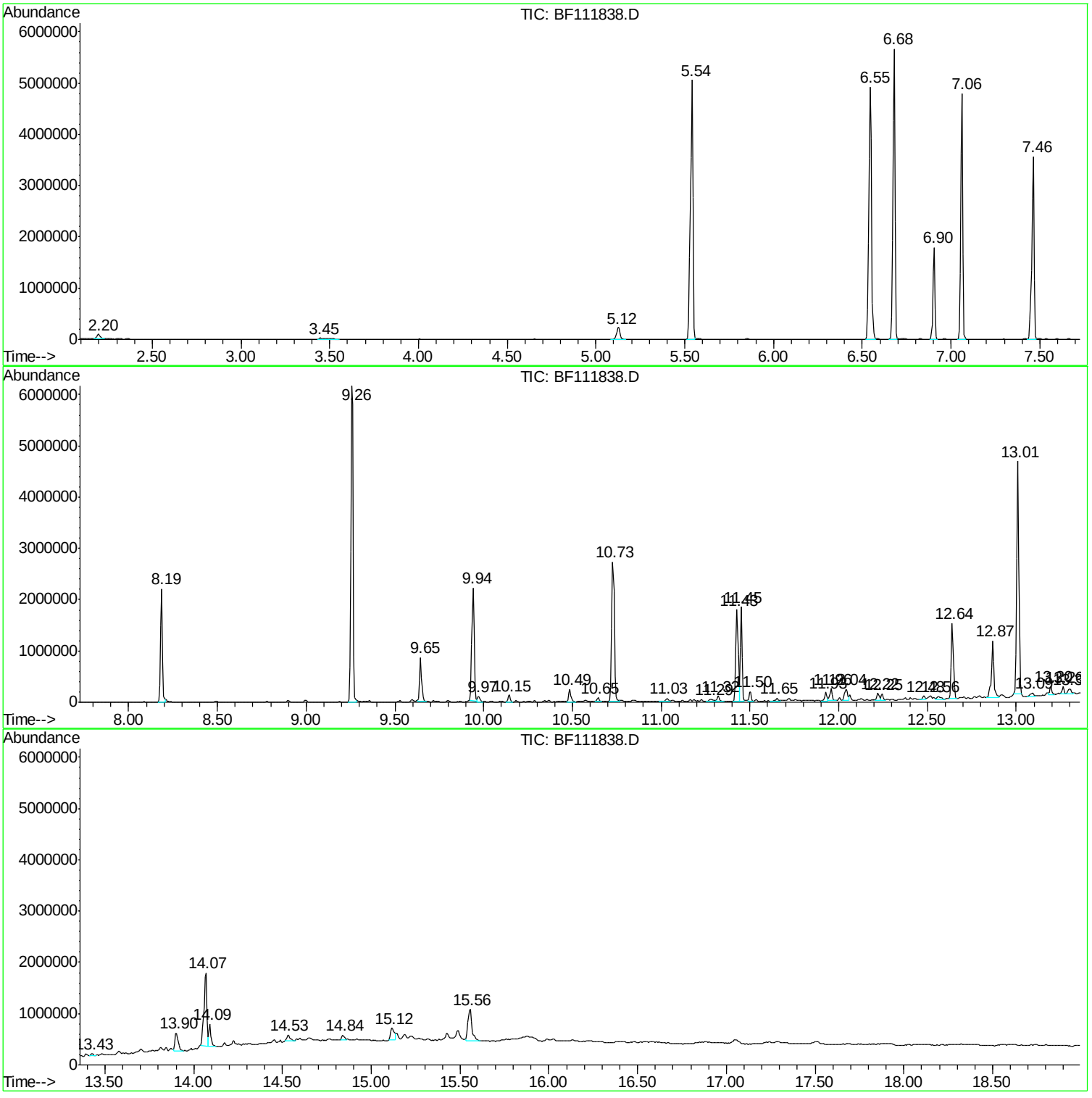
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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Data File : BF111838.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : TEST-PIT-D-11-12-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

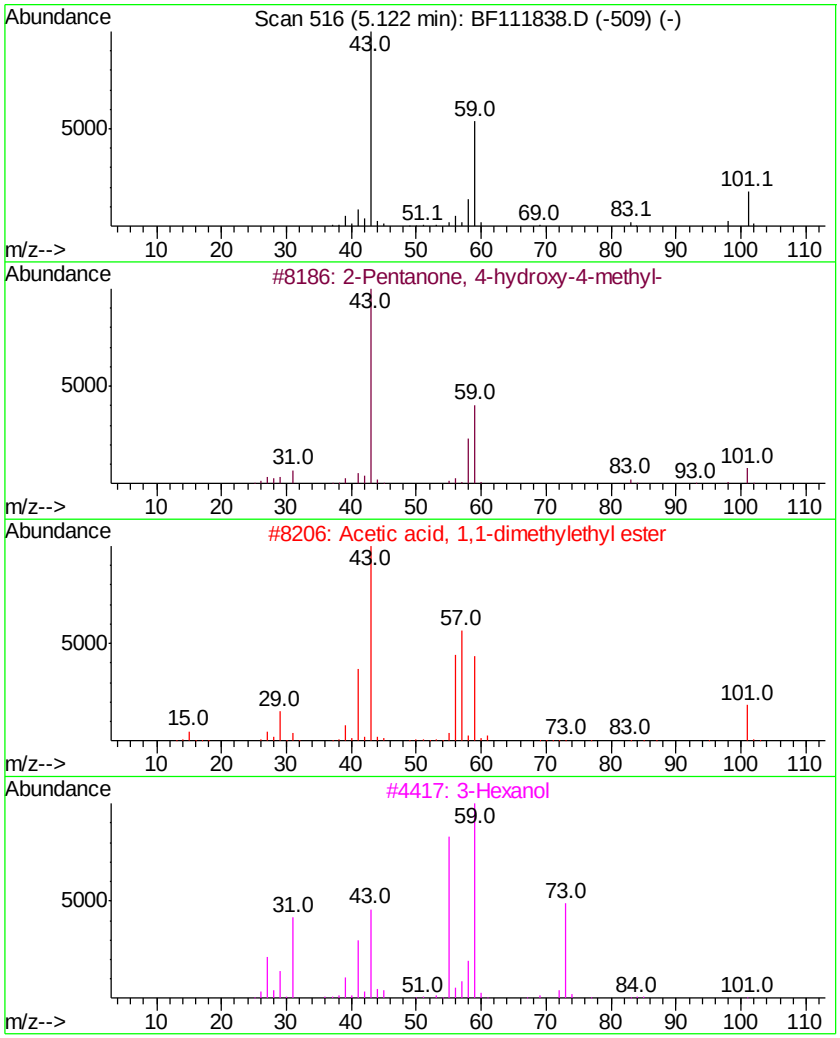
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

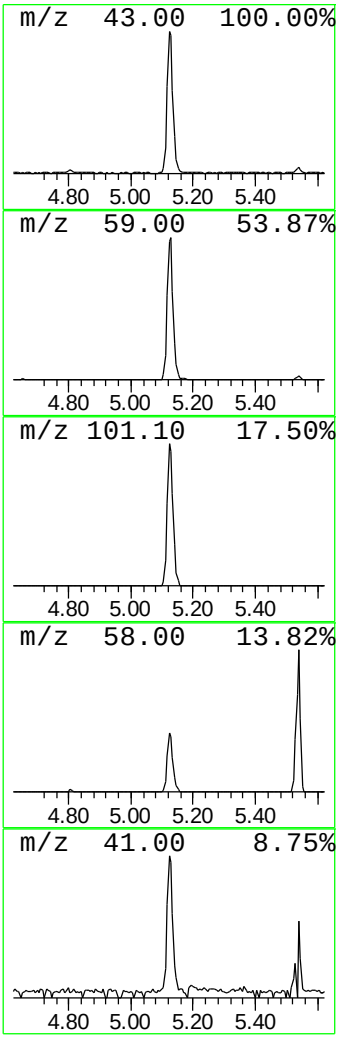
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	4.34 ng	310246	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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ClientSampleId : TEST-PIT-D-11-12-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

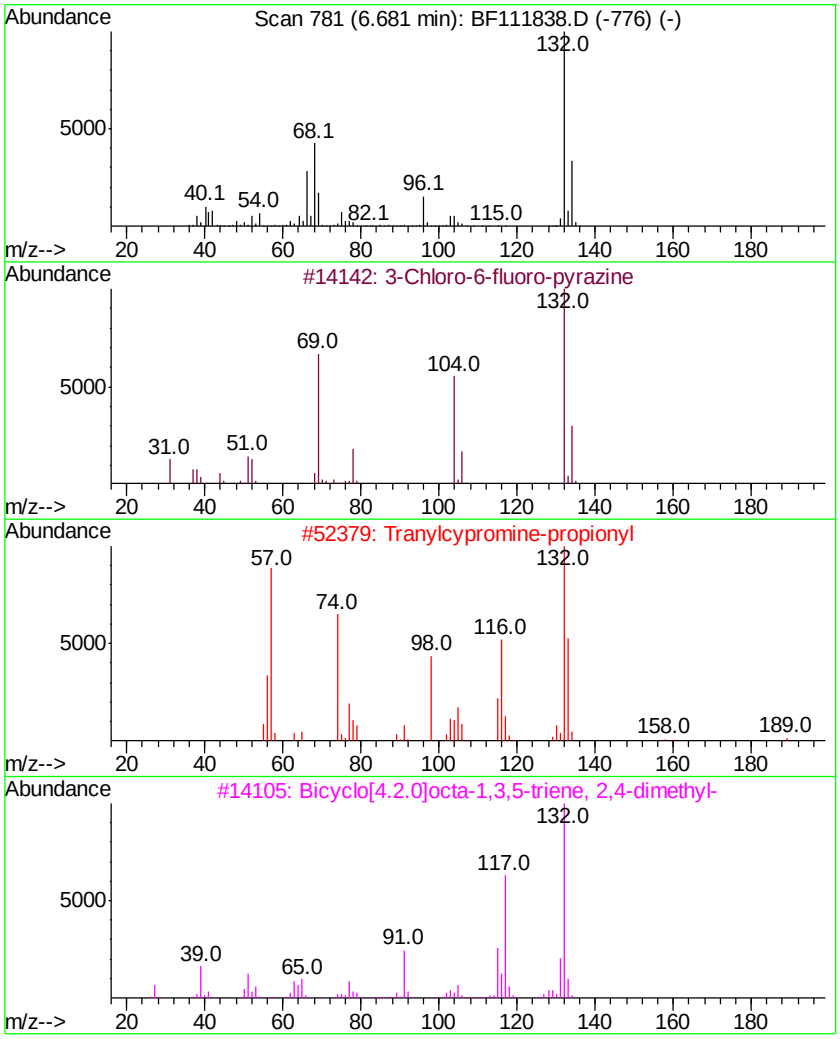
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

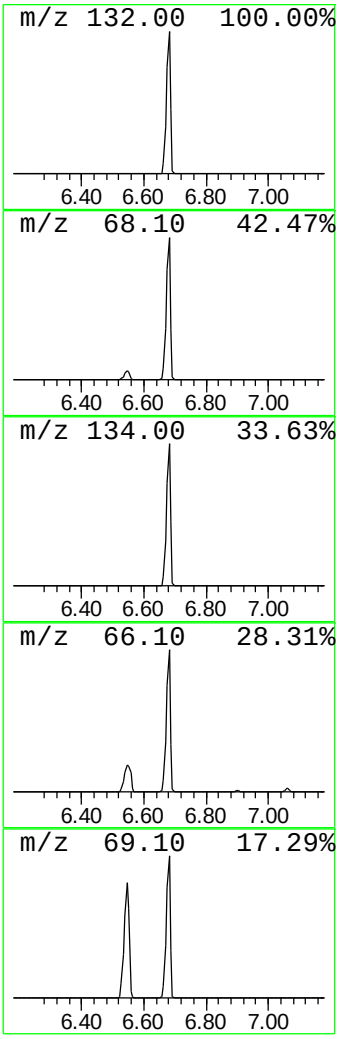
****

Peak Number 2 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	72.93 ng	5210860	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Misc :
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Instrument : BNA_F
ClientSampleId : TEST-PIT-D-11-12-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
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TIC Library : C:\DATABASE\NIST11.L
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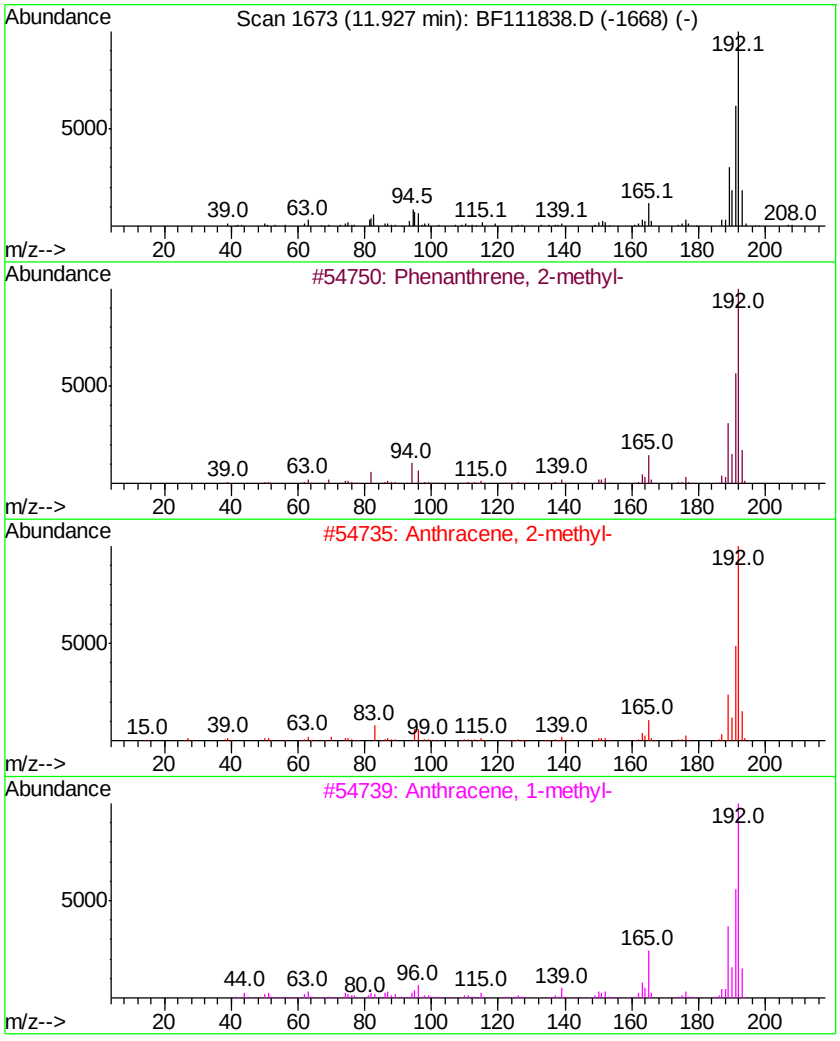
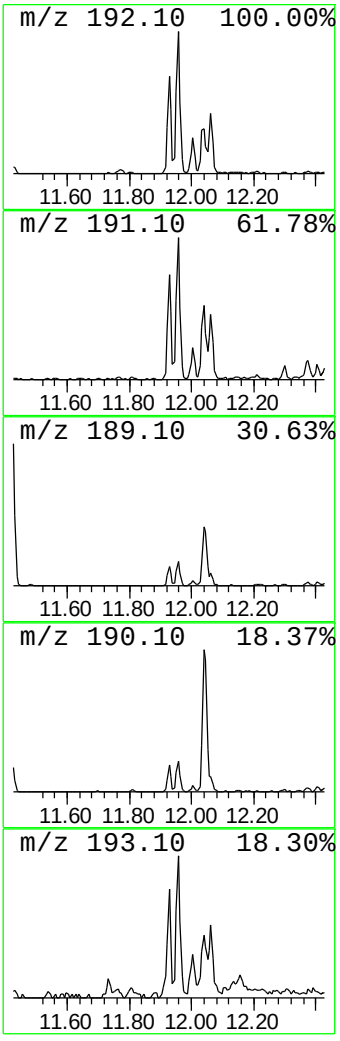
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.03 ng	155707	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Instrument : BNA_F
ClientSampleId : TEST-PIT-D-11-12-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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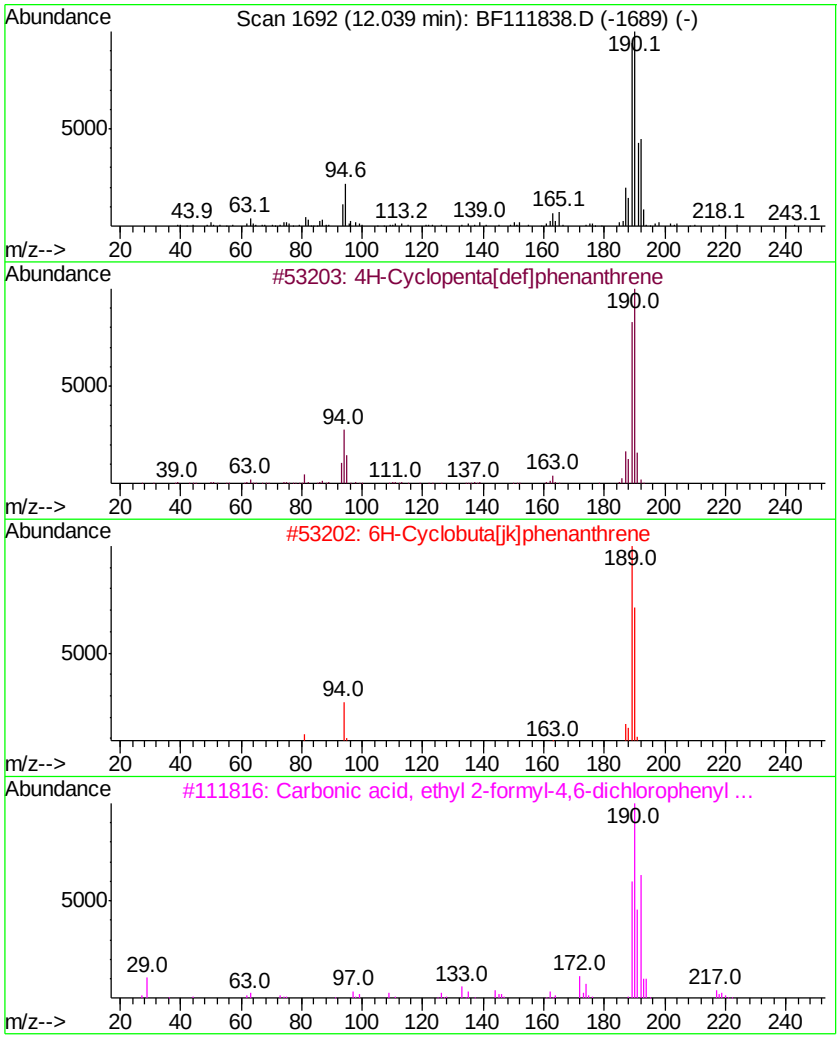
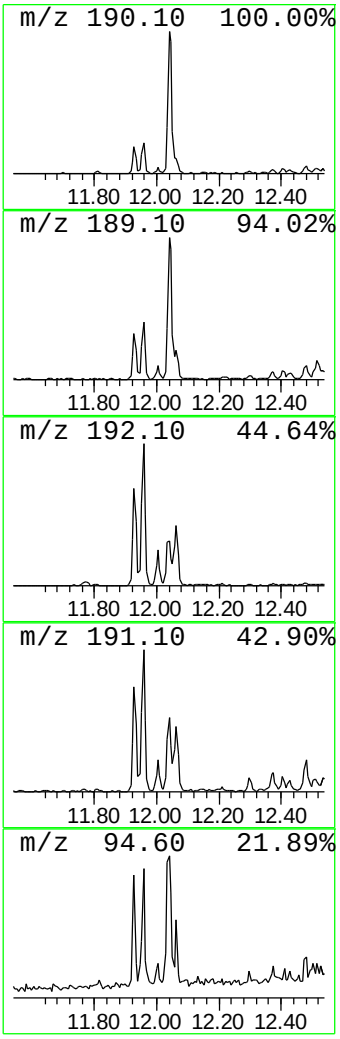
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.18 ng	243244	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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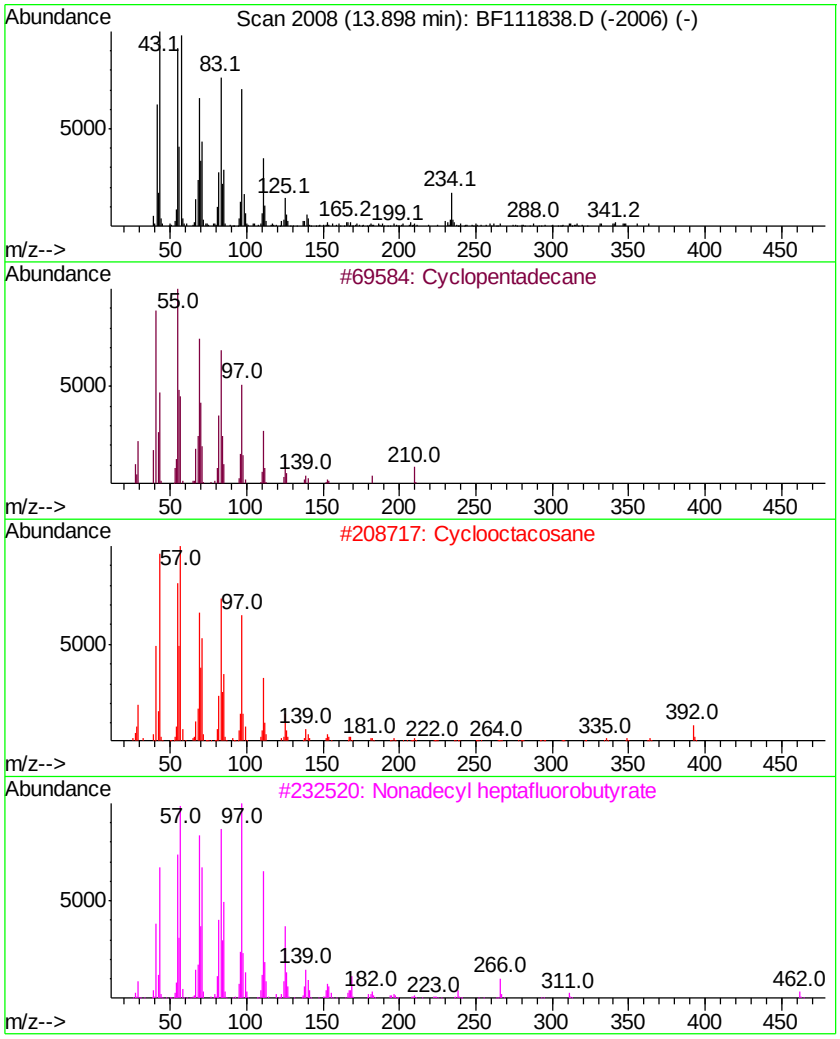
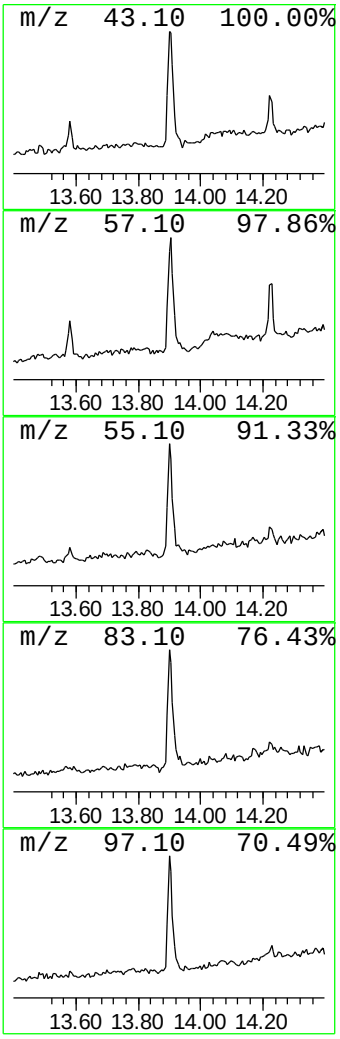
****

Peak Number 7 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	5.25 ng	432760	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	91
2	Cyclooctacosane	392	C28H56	000297-24-5	87
3	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	87
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	87





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...	5.12	4.3	ng	310246	1	6.90	1429060	20.0
unknown6.68	6.68	72.9	ng	5210860	1	6.90	1429060	20.0
Phenanthrene, 2-m...	11.93	2.0	ng	155707	4	11.43	1531850	20.0
4H-Cyclopenta[def...	12.04	3.2	ng	243244	4	11.43	1531850	20.0
Cyclopentadecane	13.90	5.3	ng	432760	5	14.07	1647580	20.0