LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115577.D
Acq On : 16 Jul 2019 00:33
Operator : HP/JU
Sample : K3620-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-E

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-BF071219.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	2.193	13	18	24	rVB	894405	1225895	57.73%	5.210%
2	5.498	576	580	584	rBV	2209221	2123412	100.00%	9.025%
3	6.504	746	751	754	rBV	2157151	1938390	91.29%	8.239%
4	6.651	771	776	779	rBV	2252326	1974307	92.98%	8.391%
5	6.881	811	815	819	rBV	1300503	1079966	50.86%	4.590%
6	7.040	838	842	845	rBV	1846088	1539742	72.51%	6.544%
7	7.434	905	909	916	rBV	1199409	1177161	55.44%	5.003%
8	8.163	1028	1033	1036	rBV	1614357	1308338	61.61%	5.561%
9	8.975	1168	1171	1176	rBV2	29348	28034	1.32%	0.119%
10	9.239	1211	1216	1227	rBV	2037345	1974801	93.00%	8.393%
11	9.504	1256	1261	1265	rVB2	17771	23547	1.11%	0.100%
12	9.575	1271	1273	1276	rBV	34556	33128	1.56%	0.141%
13	9.628	1279	1282	1291	rVB	165889	155244	7.31%	0.660%
14	9.916	1325	1331	1345	rBV	1390083	1350665	63.61%	5.741%
15	10.116	1362	1365	1370	rVB3	19592	21508	1.01%	0.091%
16	10.351	1402	1405	1411	rVB3	19416	22568	1.06%	0.096%
17	10.463	1421	1424	1430	rVB3	32573	35665	1.68%	0.152%
18	10.698	1460	1464	1483	rBV	967654	1077547	50.75%	4.580%
19	10.828	1483	1486	1493	rVB5	23355	32787	1.54%	0.139%
20	11.010	1512	1517	1520	rBV	19949	25180	1.19%	0.107%
21	11.404	1580	1584	1586	rBV	1192921	1158039	54.54%	4.922%
22	11.422	1586	1587	1592	rVV	188595	151651	7.14%	0.645%
23	11.475	1593	1596	1600	rVB	34755	36389	1.71%	0.155%
24	11.904	1665	1669	1670	rBV	63628	55160	2.60%	0.234%
25	11.928	1670	1673	1680	rVV2	216019	249388	11.74%	1.060%
26	12.016	1684	1688	1690	rVV2	79517	101483	4.78%	0.431%
27	12.033	1690	1691	1697	rVB	49917	46423	2.19%	0.197%
28	12.198	1716	1719	1721	rBV	25916	25792	1.21%	0.110%
29	12.222	1721	1723	1729	rVB4	14432	22283	1.05%	0.095%
30	12.380	1747	1750	1752	rBV	24186	25120	1.18%	0.107%
31	12.451	1759	1762	1765	rBV	66999	68644	3.23%	0.292%
32	12.480	1765	1767	1774	rVB4	61876	117870	5.55%	0.501%
33	12.533	1774	1776	1781	rBV4	20643	34379	1.62%	0.146%
34	12.610	1786	1789	1794	rBV	153254	156775	7.38%	0.666%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-071219-E

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-BF071219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.710	1803	1806	1810	rBV2	59209	68102	3.21%	0.289%
36	12.839	1823	1828	1831	rBV	198088	208932	9.84%	0.888%
37	12.980	1849	1852	1862	rBV	1586176	1424361	67.08%	6.054%
38	13.057	1862	1865	1872	rBV2	35320	55596	2.62%	0.236%
39	13.169	1882	1884	1888	rVB	48678	41801	1.97%	0.178%
40	13.233	1890	1895	1898	rBV2	37999	52136	2.46%	0.222%
41	13.274	1899	1902	1906	rBV	45892	53444	2.52%	0.227%
42	13.363	1915	1917	1920	rBV	35215	26703	1.26%	0.113%
43	13.392	1920	1922	1925	rBV	32805	31679	1.49%	0.135%
44	13.892	2004	2007	2016	rVB5	94604	171694	8.09%	0.730%
45	14.039	2027	2032	2035	rBV	969480	1094872	51.56%	4.653%
46	15.504	2277	2281	2285	rBV	685675	901642	42.46%	3.832%

Sum of corrected areas: 23528243

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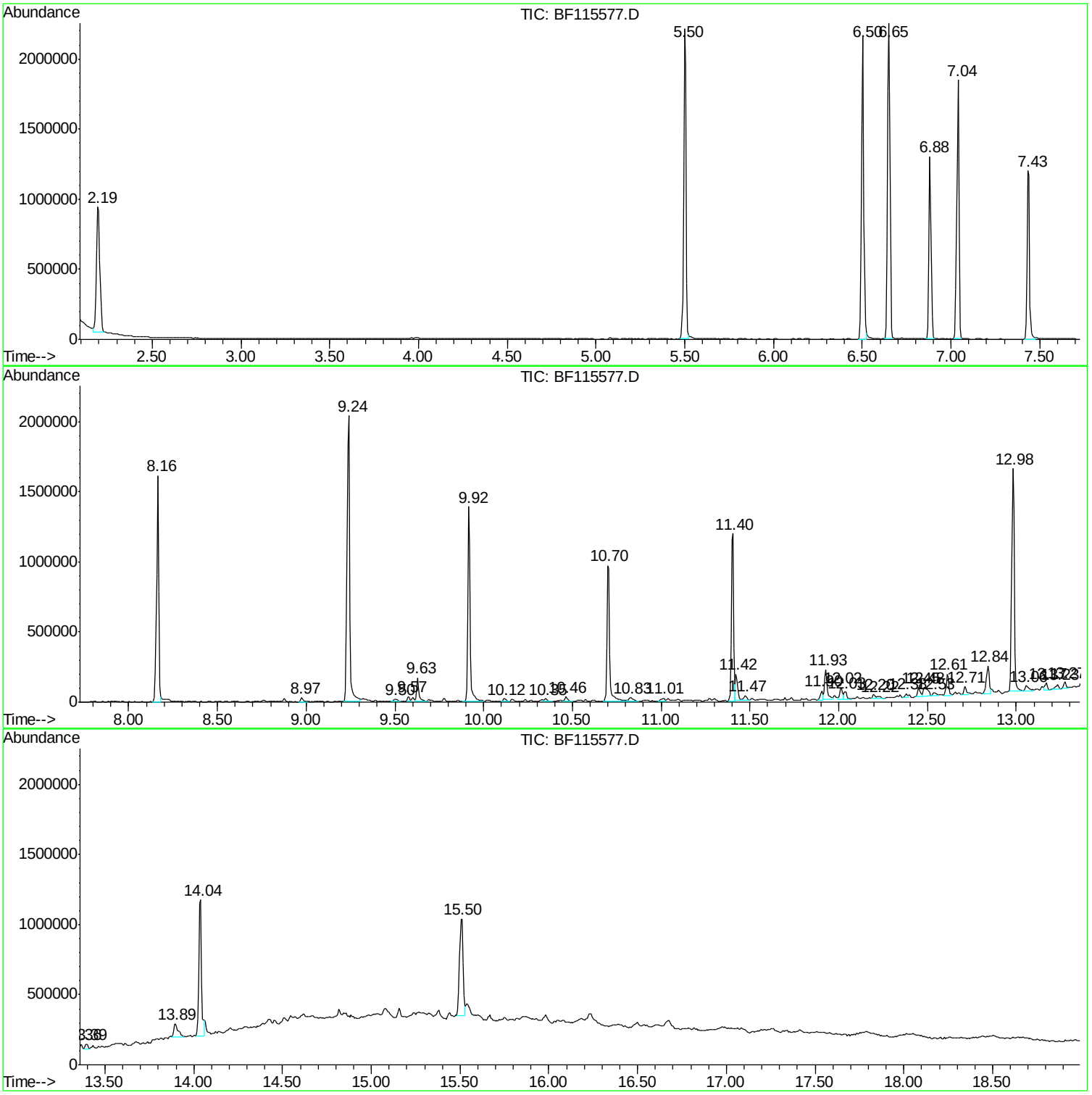
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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Acq On : 16 Jul 2019 00:33
Operator : HP/JU
Sample : K3620-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

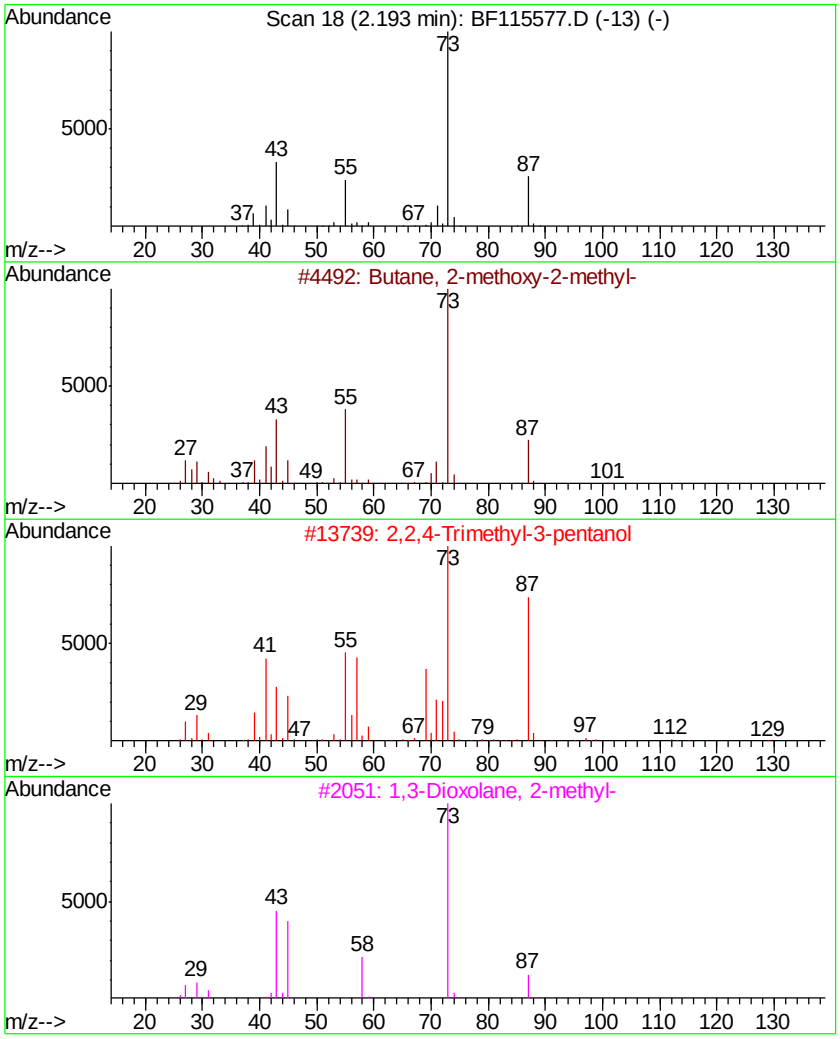
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

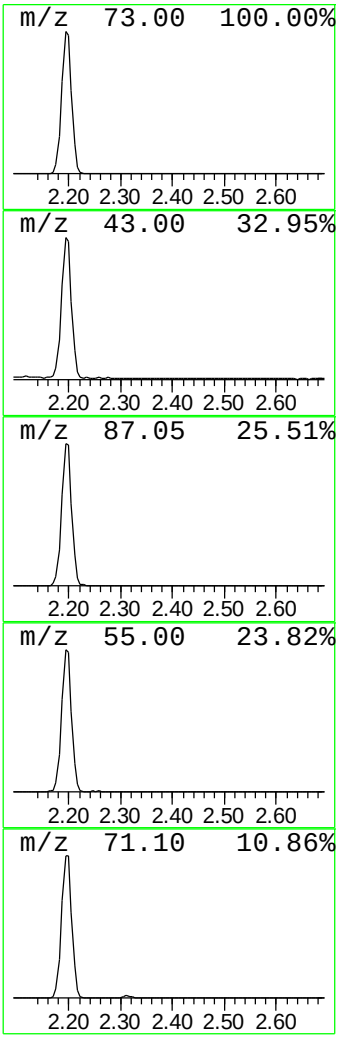
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	22.70 ng	1225900	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

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Operator : HP/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-071219-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

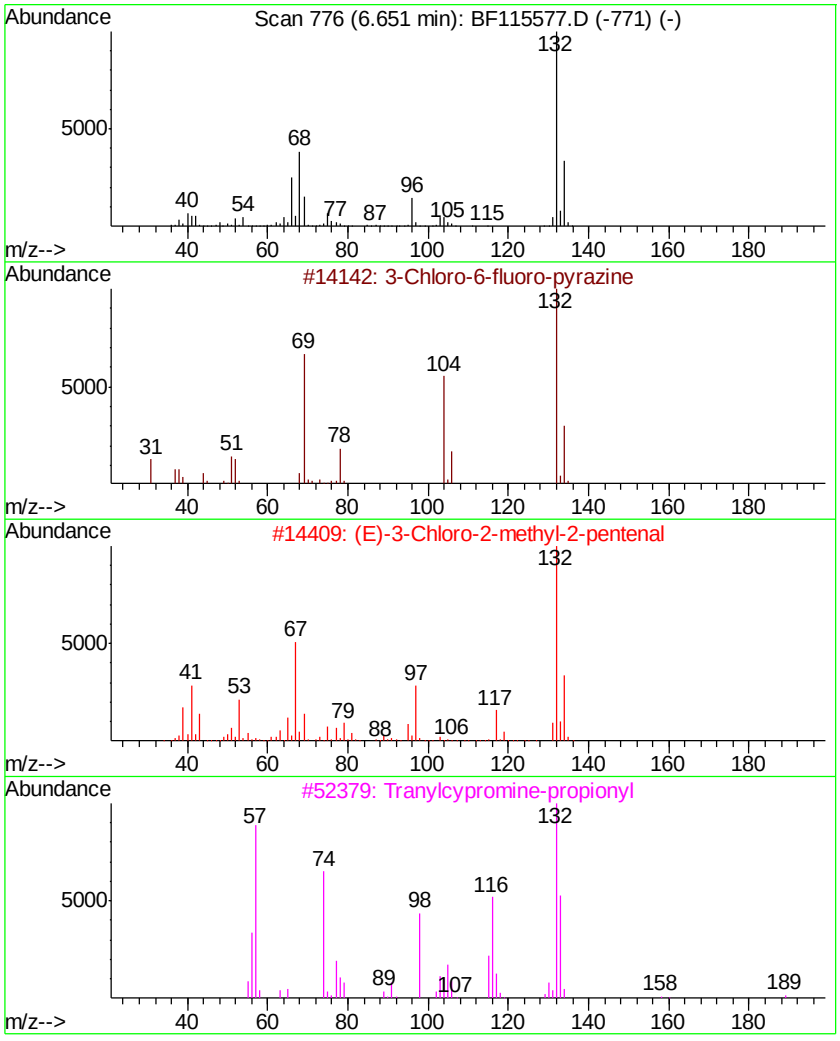
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

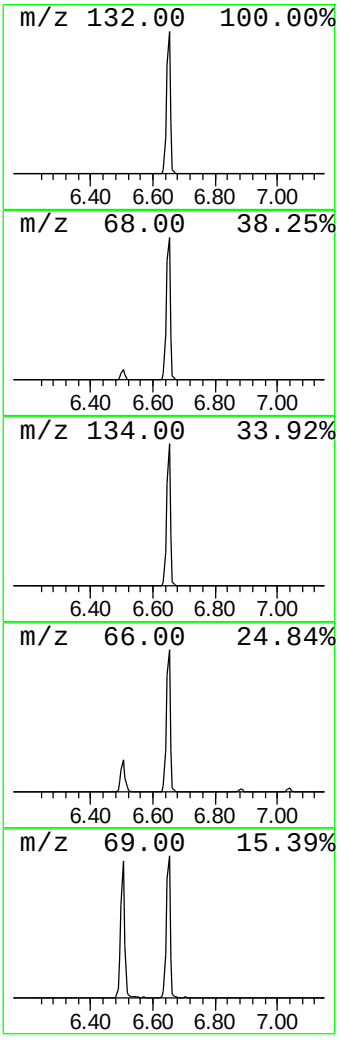
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	36.56 ng	1974310	1,4-Dichlorobenzene-d4	6.88

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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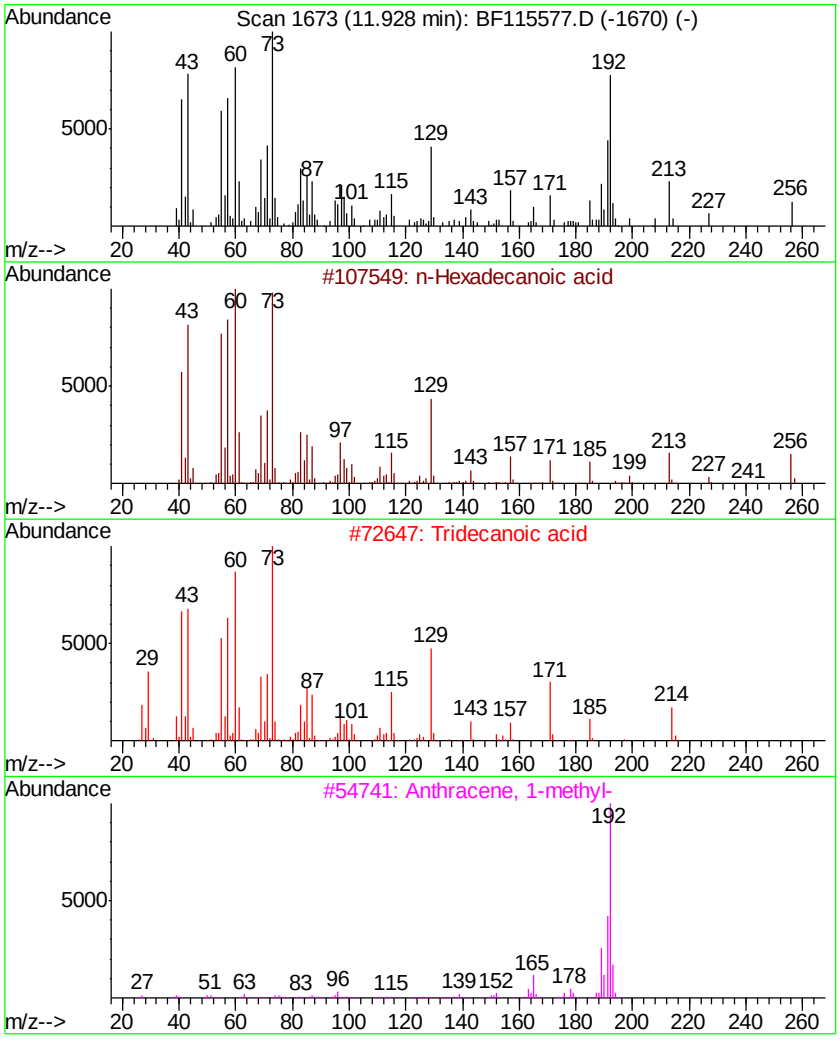
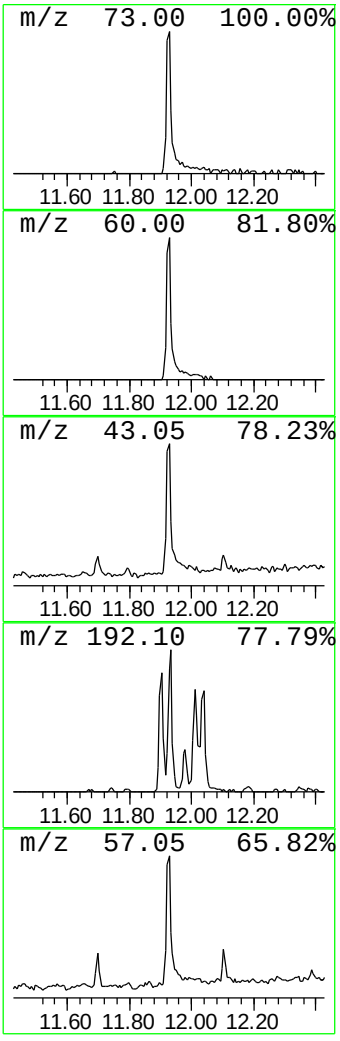
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.31 ng	249388	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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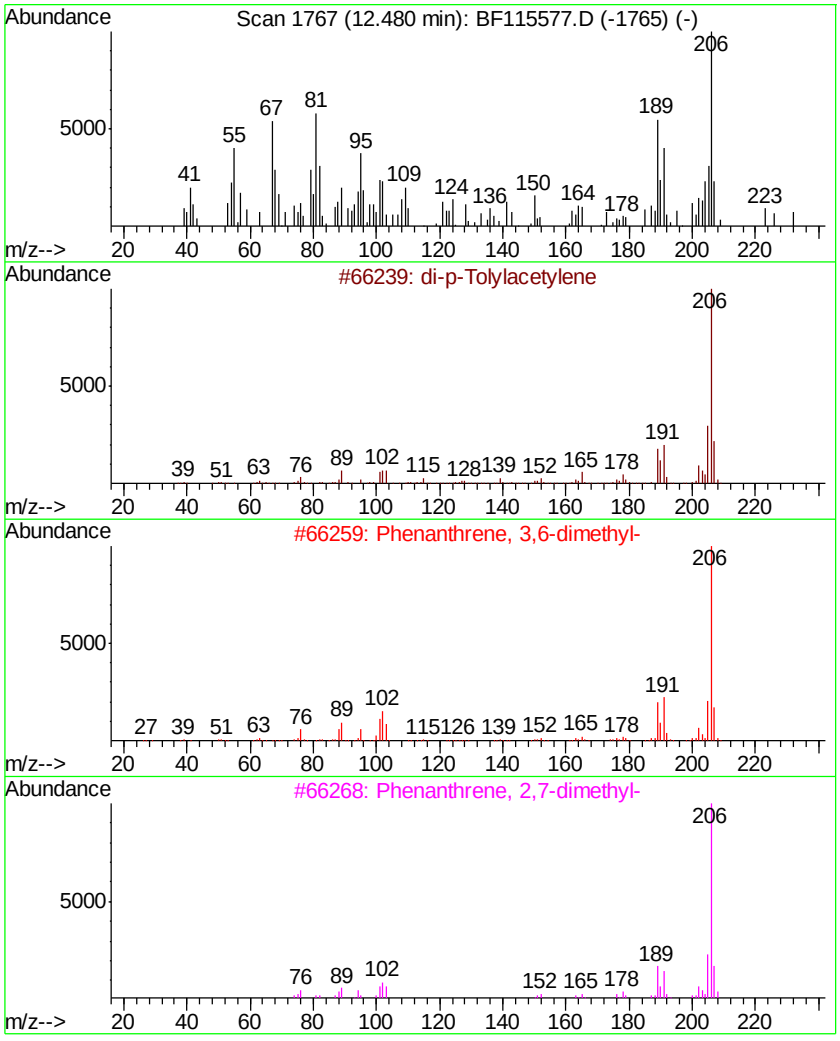
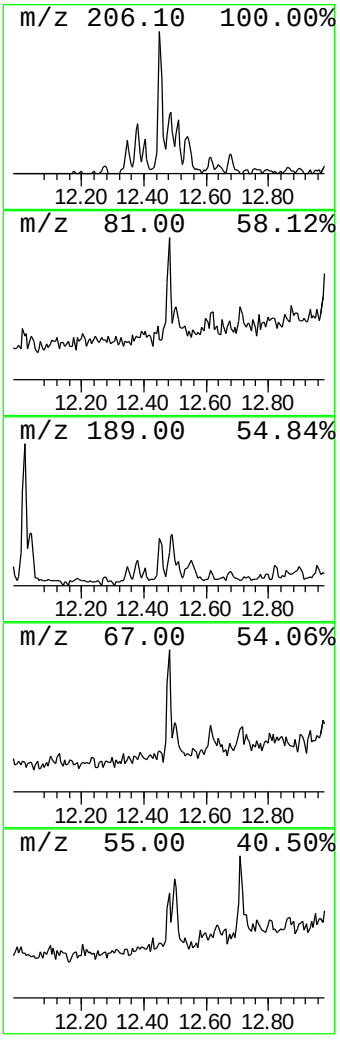
Peak Number 5 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.04 ng	117870	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	68
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	53
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	52





Library Search Compound Report

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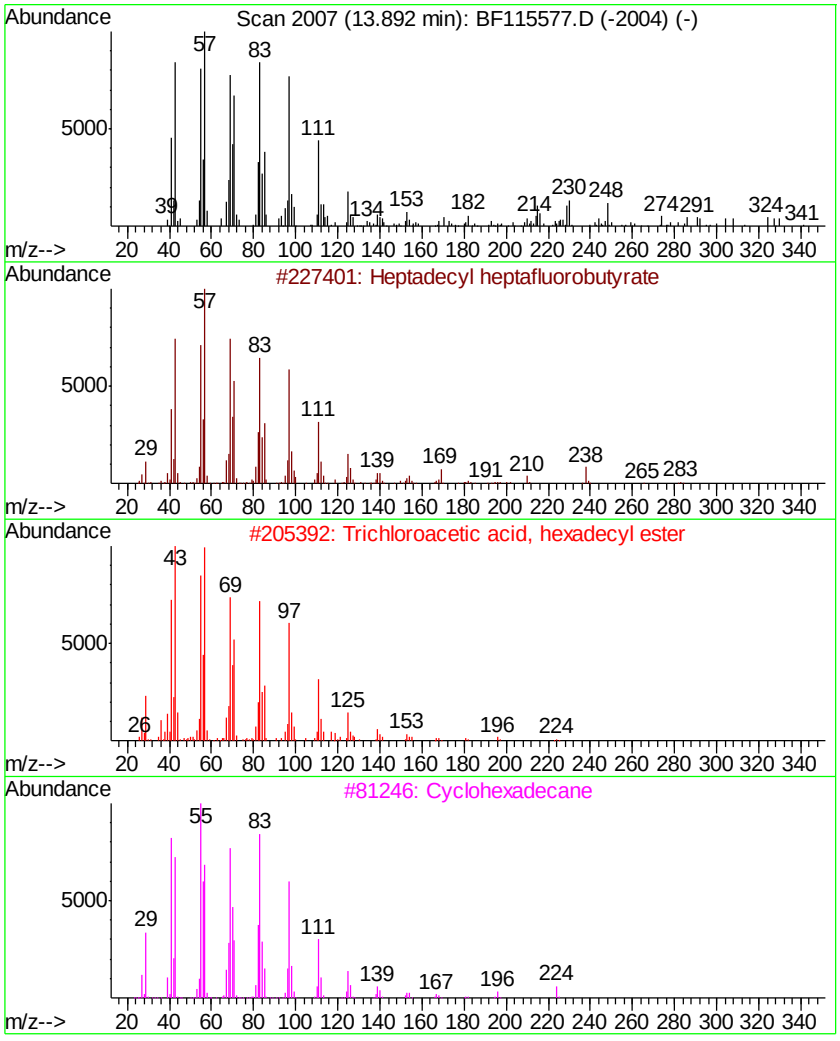
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

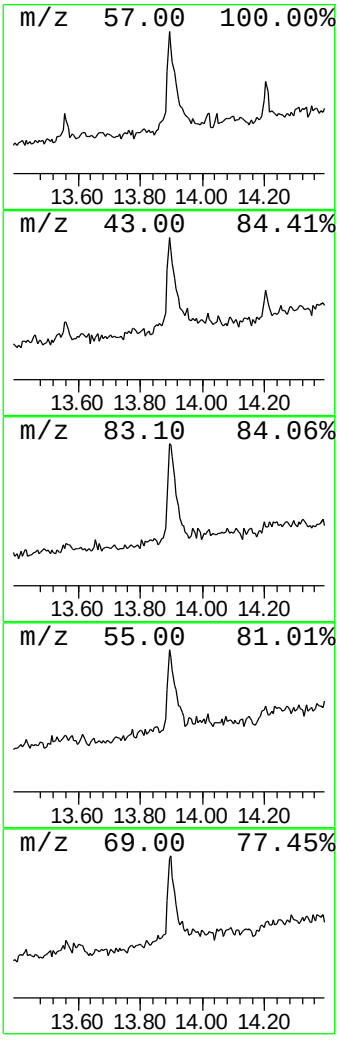
****

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.14 ng	171694	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	Cyclohexadecane	224	C16H32	000295-65-8	89
4	1-Pentadecanethiol	244	C15H32S	025276-70-4	87
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	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
Butane, 2-methoxy...	2.19	22.7	ng	1225900	1	6.88	1079970	20.0
unknown6.65	6.65	36.6	ng	1974310	1	6.88	1079970	20.0
n-Hexadecanoic acid	11.93	4.3	ng	249388	4	11.40	1158040	20.0
di-p-Tolylacetylene	12.48	2.0	ng	117870	4	11.40	1158040	20.0
Heptadecyl heptaf...	13.89	3.1	ng	171694	5	14.04	1094870	20.0