LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
Data File : BF112590.D
Acq On : 15 Feb 2019 20:32
Operator : JU/SJ
Sample : K1346-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021419-D

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-BF012519.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	5.040	499	502	511	rBV	24607	33446	2.71%	0.241%
2	5.463	571	574	590	rBV	598879	771407	62.41%	5.557%
3	6.481	744	747	765	rBV	720711	883643	71.49%	6.366%
4	6.610	765	769	775	rVV	949865	962988	77.91%	6.937%
5	6.663	775	778	789	rVB2	24961	36843	2.98%	0.265%
6	6.828	803	806	814	rBV	644635	590890	47.80%	4.257%
7	6.987	829	833	842	rBV	843128	739563	59.83%	5.328%
8	7.392	899	902	906	rBV	521648	520318	42.09%	3.748%
9	7.857	978	981	986	rVB3	12570	16235	1.31%	0.117%
10	8.116	1021	1025	1031	rVB	764376	731990	59.22%	5.273%
11	8.404	1068	1074	1080	rBV7	12509	20586	1.67%	0.148%
12	8.698	1121	1124	1128	rBV	45679	39781	3.22%	0.287%
13	8.934	1160	1164	1170	rVB2	17772	19141	1.55%	0.138%
14	9.128	1195	1197	1203	rVB5	15776	15175	1.23%	0.109%
15	9.186	1203	1207	1217	rBV	1397502	1236087	100.00%	8.905%
16	9.263	1217	1220	1224	rVV	37602	31410	2.54%	0.226%
17	9.528	1262	1265	1268	rBV	14435	19144	1.55%	0.138%
18	9.581	1271	1274	1282	rVB	60609	71750	5.80%	0.517%
19	9.733	1296	1300	1303	rBV	29641	25058	2.03%	0.181%
20	9.792	1308	1310	1313	rVB	28115	21677	1.75%	0.156%
21	9.869	1319	1323	1327	rBV2	1051053	971183	78.57%	6.996%
22	10.081	1352	1359	1362	rBV4	13898	20233	1.64%	0.146%
23	10.116	1362	1365	1368	rVB3	17217	15113	1.22%	0.109%
24	10.186	1373	1377	1380	rBV	17689	16420	1.33%	0.118%
25	10.292	1388	1395	1398	rBV3	23680	33067	2.68%	0.238%
26	10.422	1414	1417	1423	rVB2	27998	30074	2.43%	0.217%
27	10.663	1455	1458	1468	rBV	730267	769969	62.29%	5.547%
28	10.780	1476	1478	1484	rVB3	22828	23559	1.91%	0.170%
29	10.975	1506	1511	1513	rBV4	16928	25983	2.10%	0.187%
30	10.998	1513	1515	1518	rVB3	17546	15207	1.23%	0.110%
31	11.210	1548	1551	1554	rBV2	18793	15213	1.23%	0.110%
32	11.239	1554	1556	1558	rBV2	14113	13340	1.08%	0.096%
33	11.363	1573	1577	1579	rBV	1025989	926625	74.96%	6.675%
34	11.386	1579	1581	1587	rVB	168685	151142	12.23%	1.089%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1346-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021419-D

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.439	1587	1590	1593	rBV	34931	32106	2.60%	0.231%
36	11.610	1613	1619	1621	rBV7	9321	16611	1.34%	0.120%
37	11.639	1621	1624	1628	rVB4	17525	24210	1.96%	0.174%
38	11.698	1628	1634	1638	rBV3	17677	28655	2.32%	0.206%
39	11.780	1643	1648	1651	rBV3	10855	18472	1.49%	0.133%
40	11.875	1659	1664	1666	rBV2	75592	120332	9.73%	0.867%
41	11.892	1666	1667	1671	rVV	85320	68556	5.55%	0.494%
42	11.945	1673	1676	1678	rVV	20738	20486	1.66%	0.148%
43	11.975	1678	1681	1684	rVV2	79635	94418	7.64%	0.680%
44	11.998	1684	1685	1690	rVB	46821	34461	2.79%	0.248%
45	12.045	1690	1693	1695	rBV3	17029	15029	1.22%	0.108%
46	12.157	1709	1712	1717	rBV	34092	42087	3.40%	0.303%
47	12.198	1717	1719	1723	rVB5	21816	23457	1.90%	0.169%
48	12.339	1741	1743	1745	rVB	20094	13895	1.12%	0.100%
49	12.416	1753	1756	1758	rBV	67694	69150	5.59%	0.498%
50	12.445	1758	1761	1764	rVB4	29045	41022	3.32%	0.296%
51	12.469	1764	1765	1768	rVB	17116	14489	1.17%	0.104%
52	12.504	1768	1771	1772	rBV3	17046	20800	1.68%	0.150%
53	12.580	1780	1784	1788	rBV	221411	213418	17.27%	1.537%
54	12.674	1796	1800	1803	rVB2	21735	26724	2.16%	0.193%
55	12.733	1806	1810	1812	rBV2	27327	33233	2.69%	0.239%
56	12.810	1817	1823	1828	rVB	235959	259405	20.99%	1.869%
57	12.863	1829	1832	1835	rBV2	28121	28268	2.29%	0.204%
58	12.939	1841	1845	1850	rBV	1162224	972938	78.71%	7.009%
59	13.027	1856	1860	1865	rBV2	32064	57150	4.62%	0.412%
60	13.139	1872	1879	1881	rBV	43208	72439	5.86%	0.522%
61	13.204	1888	1890	1893	rVB	31112	25341	2.05%	0.183%
62	13.245	1894	1897	1901	rVB	40433	41887	3.39%	0.302%
63	13.339	1910	1913	1915	rBV	34421	33950	2.75%	0.245%
64	13.369	1915	1918	1921	rBV	42603	47941	3.88%	0.345%
65	13.745	1980	1982	1983	rBV2	22172	15821	1.28%	0.114%
66	13.833	1994	1997	2000	rVB4	47462	48234	3.90%	0.347%
67	14.010	2022	2027	2030	rBV	784447	808931	65.44%	5.828%
68	14.039	2030	2032	2035	rVB	91810	81032	6.56%	0.584%
69	15.492	2275	2279	2291	rVB	437354	601823	48.69%	4.336%

Sum of corrected areas: 13881031

LSC Report - Integrated Chromatogram

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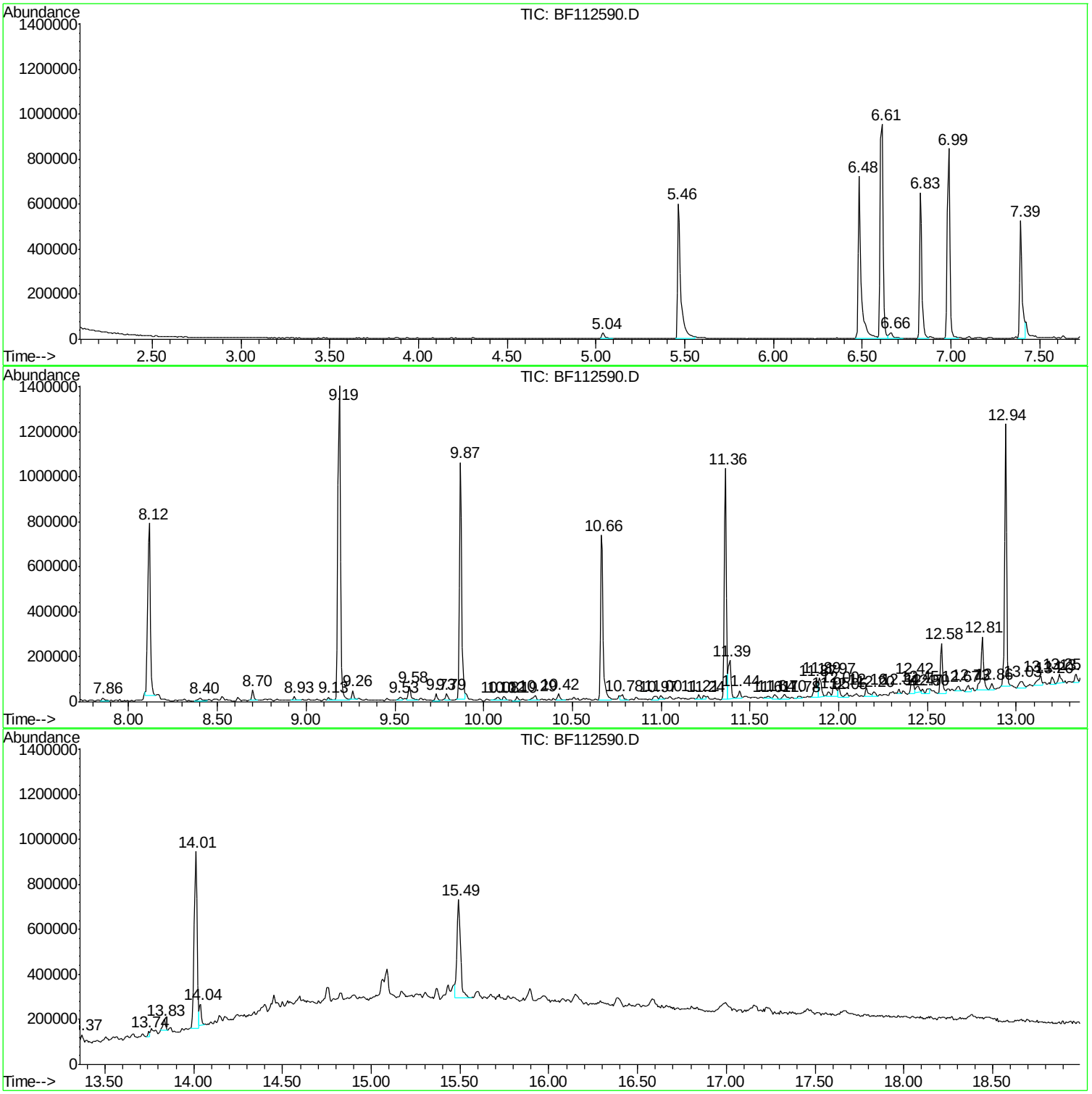
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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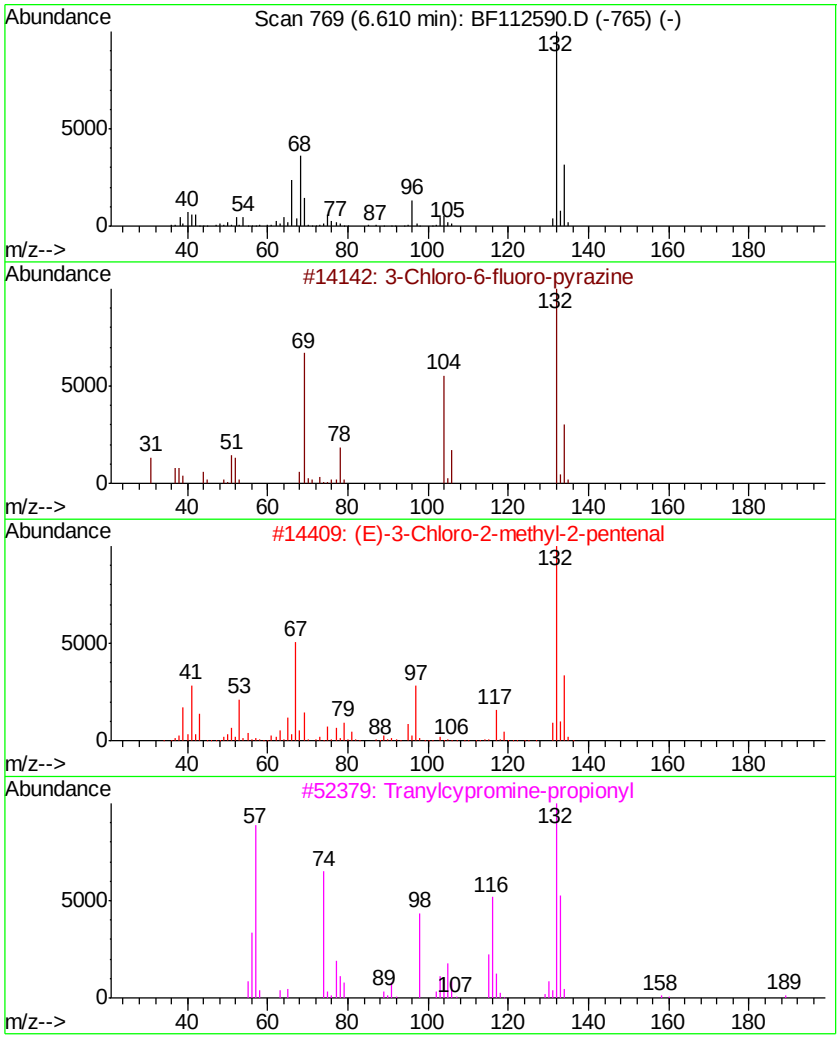
TIC Integration Parameters: LSCINT.P

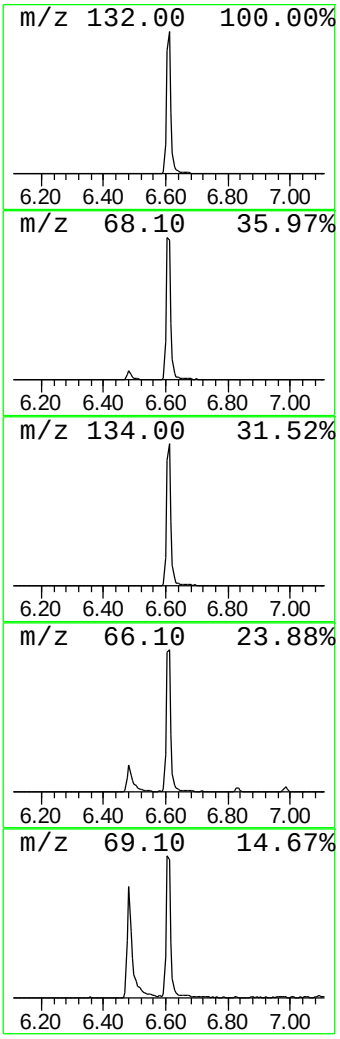
****

Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	32.59 ng	962988	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : K1346-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021419-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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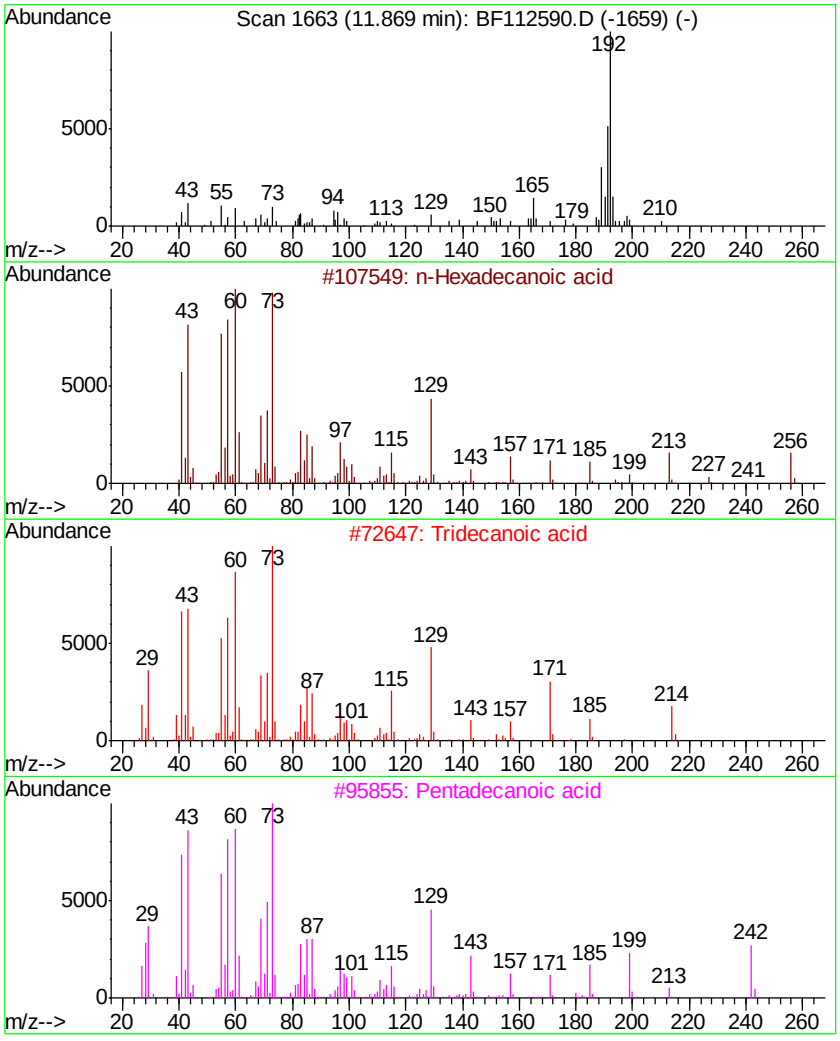
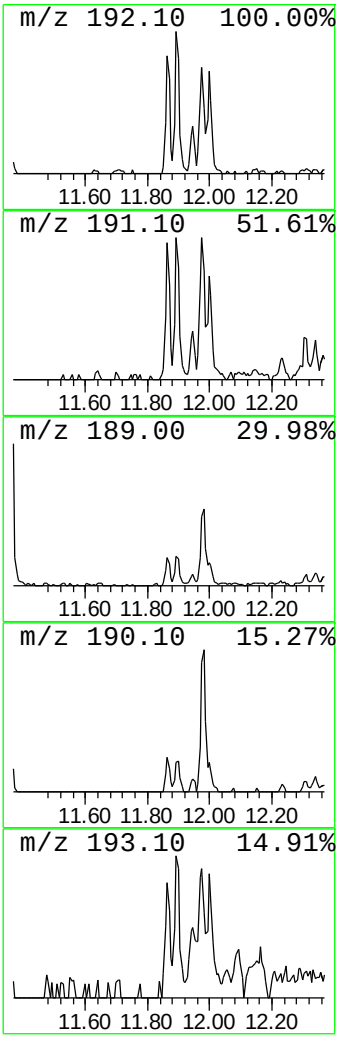
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.60 ng	120332	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
4	Dodecanoic acid	200	C12H24O2	000143-07-7	38
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	35





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021419-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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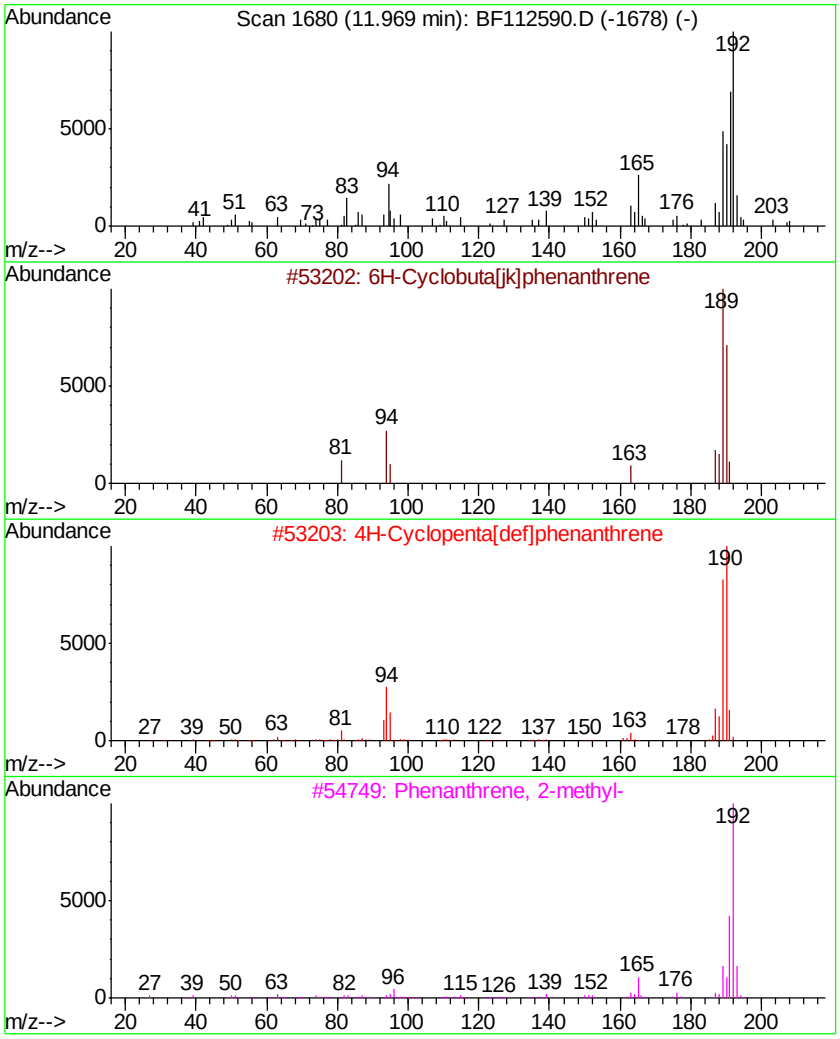
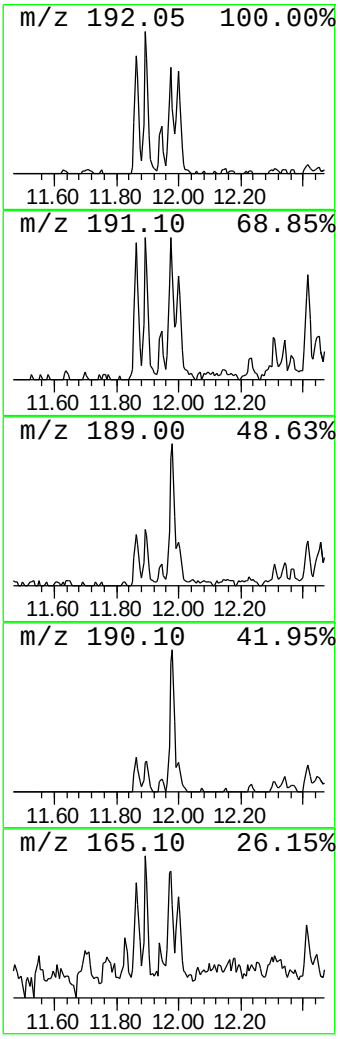
Peak Number 4 unknown11.97 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.04 ng	94418	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.61	6.61	32.6	ng	962988	1	6.83	590890	20.0
n-Hexadecanoic acid	11.87	2.6	ng	120332	4	11.36	926625	20.0
unknown11.97	11.97	2.0	ng	94418	4	11.36	926625	20.0