LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115576.D
Acq On : 16 Jul 2019 00:06
Operator : HP/JU
Sample : K3620-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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	30	rVB	857168	1142450	62.69%	5.249%
2	5.498	576	580	584	rBV	1706061	1565226	85.89%	7.191%
3	6.504	746	751	754	rBV	1744878	1664854	91.36%	7.649%
4	6.651	771	776	779	rBV	1950017	1806467	99.13%	8.299%
5	6.880	811	815	819	rBV	1328172	1071372	58.79%	4.922%
6	7.039	838	842	845	rBV	1661260	1417201	77.77%	6.511%
7	7.433	905	909	921	rBV	1130056	1075590	59.02%	4.941%
8	8.163	1029	1033	1036	rBV	1600280	1301825	71.44%	5.981%
9	9.239	1211	1216	1228	rBV	1795177	1822328	100.00%	8.372%
10	9.627	1279	1282	1290	rVB	127180	120359	6.60%	0.553%
11	9.774	1304	1307	1312	rBV	36370	33233	1.82%	0.153%
12	9.916	1327	1331	1346	rBV	1432479	1359967	74.63%	6.248%
13	10.463	1421	1424	1430	rVB2	15749	18562	1.02%	0.085%
14	10.698	1460	1464	1479	rBV	932621	998507	54.79%	4.587%
15	10.827	1483	1486	1490	rVB4	15605	20223	1.11%	0.093%
16	11.398	1579	1583	1586	rBV	1259941	1188861	65.24%	5.462%
17	11.421	1586	1587	1592	rVV	160159	128436	7.05%	0.590%
18	11.474	1594	1596	1599	rVB	38856	34142	1.87%	0.157%
19	11.904	1666	1669	1670	rBV	51064	40462	2.22%	0.186%
20	11.927	1670	1673	1677	rVB2	142139	147124	8.07%	0.676%
21	12.010	1684	1687	1690	rBV2	63067	74833	4.11%	0.344%
22	12.033	1690	1691	1696	rVB	39142	34654	1.90%	0.159%
23	12.192	1716	1718	1721	rBV	23401	25096	1.38%	0.115%
24	12.374	1747	1749	1752	rBV	26600	24950	1.37%	0.115%
25	12.451	1759	1762	1765	rBV	66440	70411	3.86%	0.323%
26	12.480	1765	1767	1769	rBV3	52398	57622	3.16%	0.265%
27	12.533	1774	1776	1781	rVV3	26153	34267	1.88%	0.157%
28	12.610	1786	1789	1793	rBV	235857	203342	11.16%	0.934%
29	12.710	1803	1806	1809	rBV2	41688	47991	2.63%	0.220%
30	12.839	1823	1828	1831	rBV	261956	262278	14.39%	1.205%
31	12.898	1836	1838	1841	rVB2	32498	32458	1.78%	0.149%
32	12.980	1848	1852	1861	rVB	1501686	1339180	73.49%	6.152%
33	13.057	1862	1865	1872	rBV4	35294	63484	3.48%	0.292%
34	13.145	1878	1880	1882	rBV3	23454	24934	1.37%	0.115%

LSC Area Percent Report

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Misc :
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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
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

35	13.168	1882	1884	1886	rVB	49882	41061	2.25%	0.189%
36	13.221	1890	1893	1894	rBV	34962	34319	1.88%	0.158%
37	13.268	1898	1901	1907	rBV2	50237	74121	4.07%	0.341%
38	13.362	1915	1917	1919	rVB	39247	29926	1.64%	0.137%
39	13.392	1920	1922	1925	rBV	40721	36663	2.01%	0.168%
40	13.562	1949	1951	1953	rBV	39158	28339	1.56%	0.130%
41	13.674	1968	1970	1975	rVB	41778	41736	2.29%	0.192%
42	13.892	2004	2007	2016	rVB5	107934	186636	10.24%	0.857%
43	14.033	2027	2031	2035	rBV	993232	1151388	63.18%	5.290%
44	14.509	2110	2112	2115	rVB2	83127	67550	3.71%	0.310%
45	15.509	2277	2282	2285	rBV	647265	822627	45.14%	3.779%

Sum of corrected areas: 21767055

LSC Report - Integrated Chromatogram

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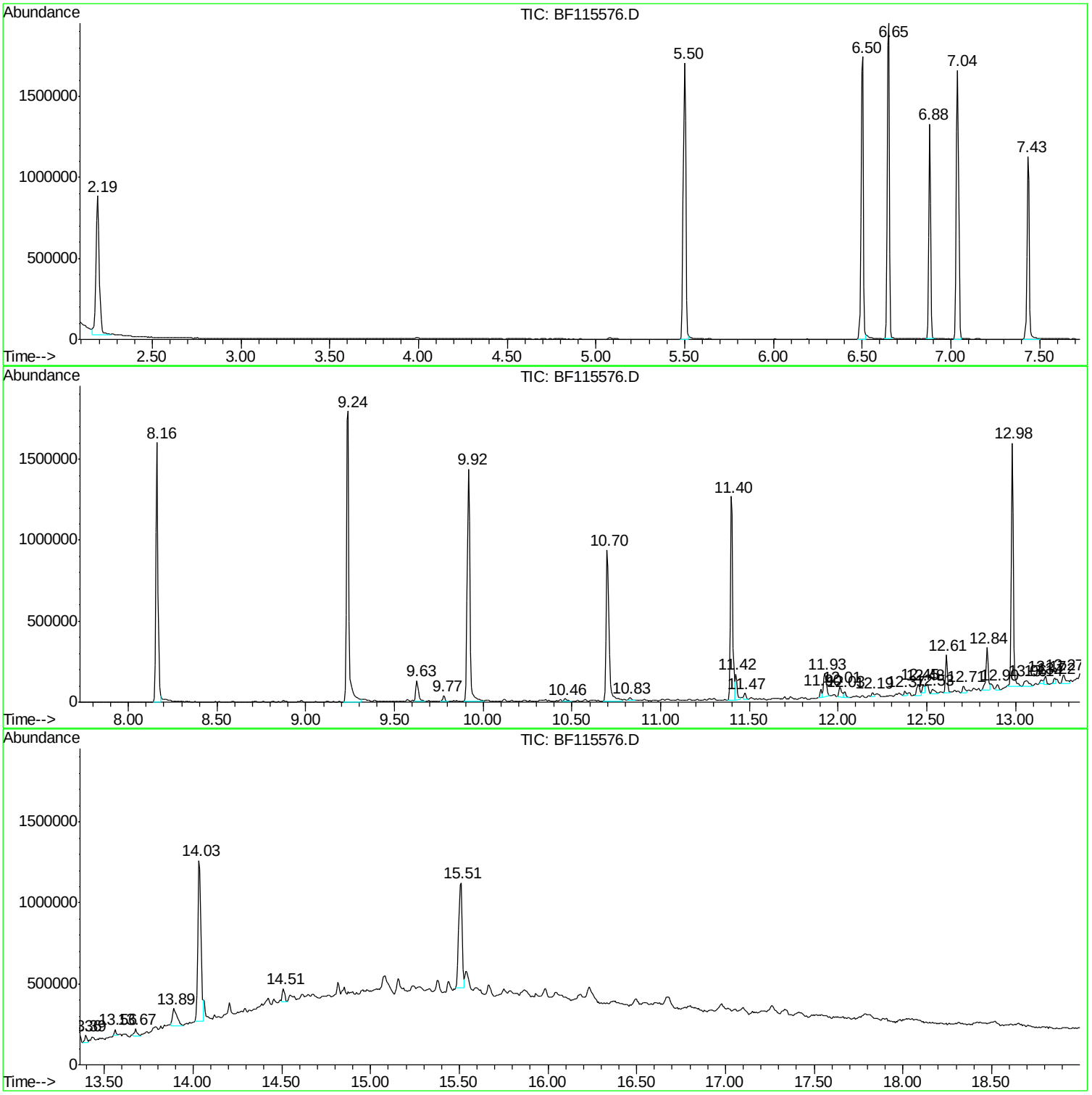
Sample : K3620-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115576.D
Acq On : 16 Jul 2019 00:06
Operator : HP/JU
Sample : K3620-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

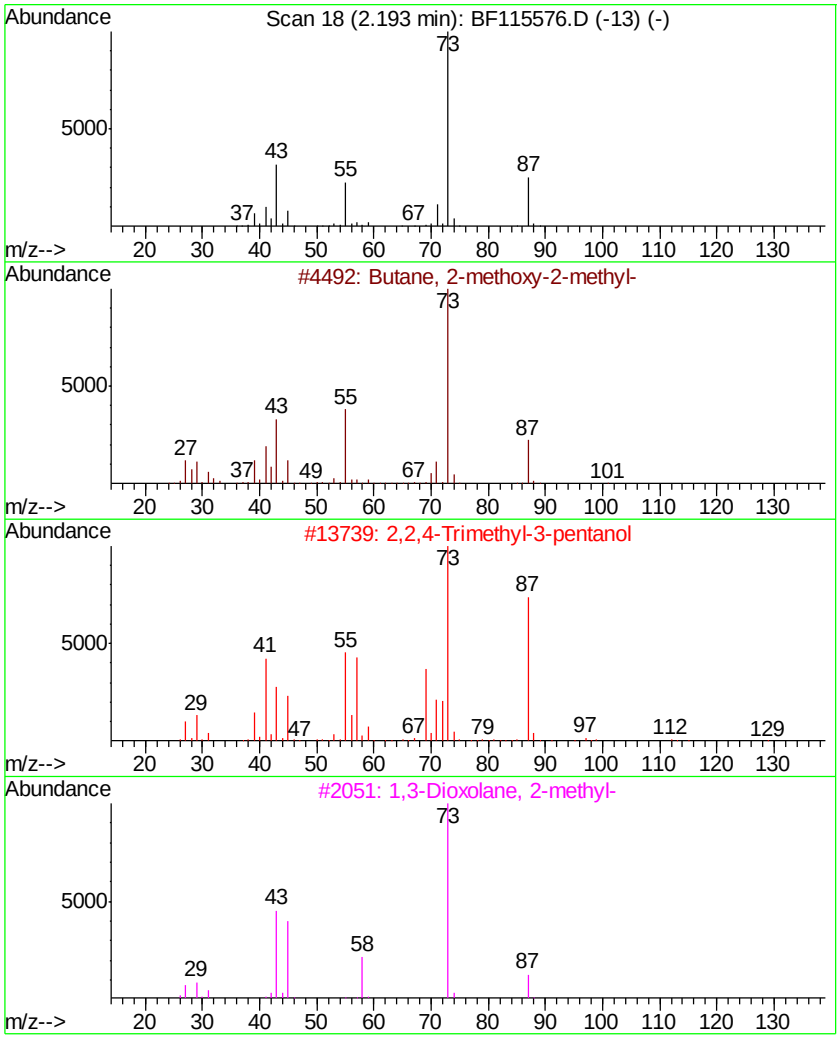
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

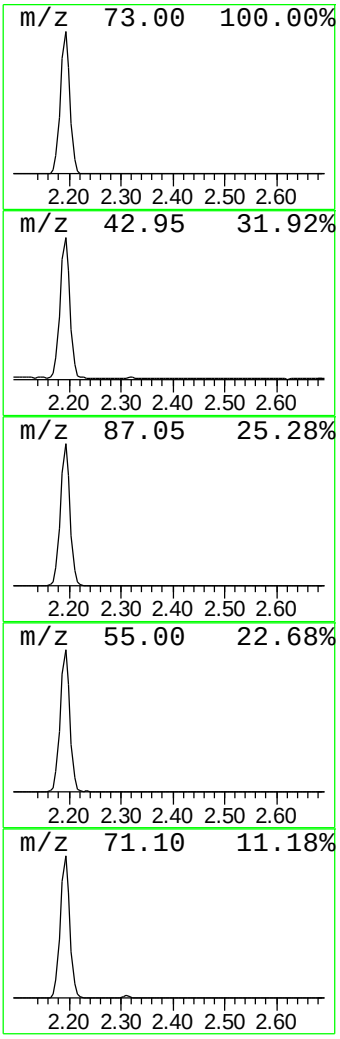
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	21.33 ng	1142450	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	83
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





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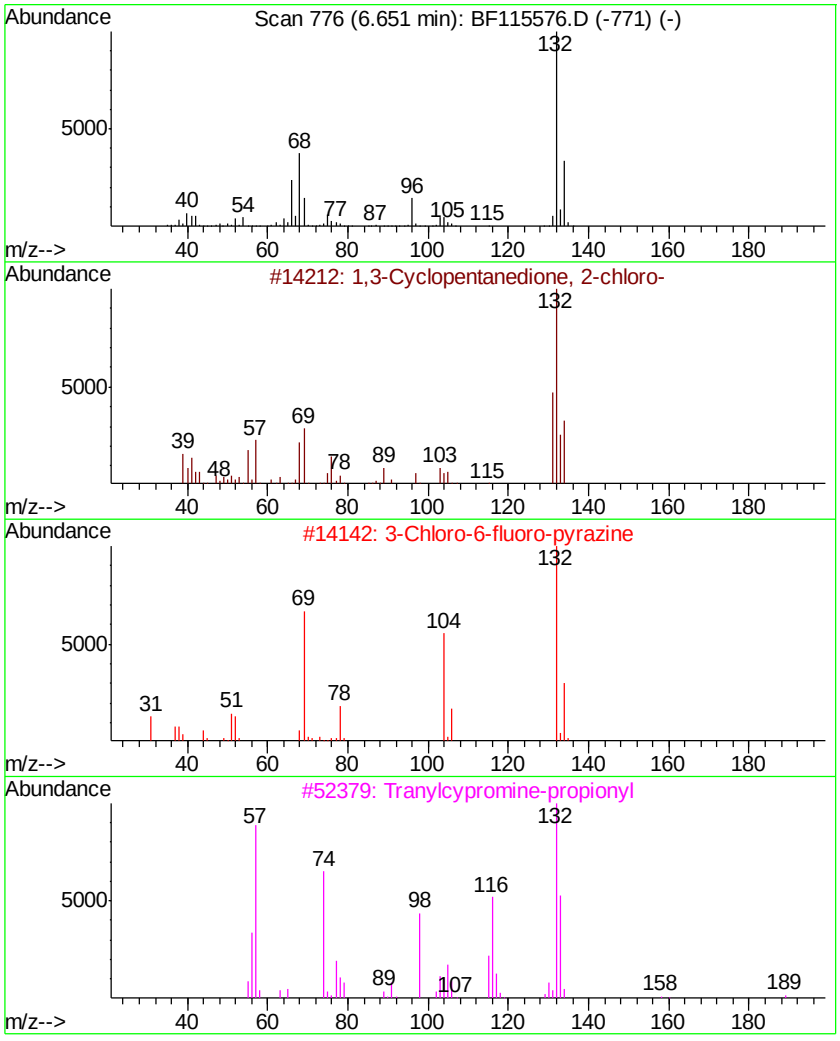
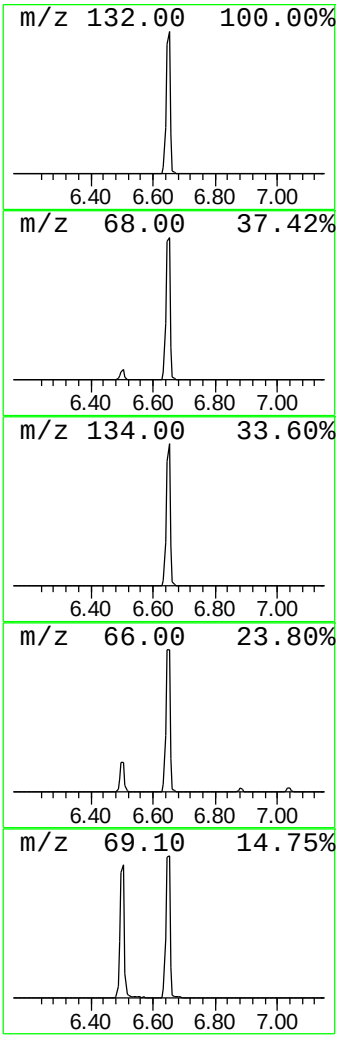
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	33.72 ng	1806470	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
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TIC Integration Parameters: LSCINT.P

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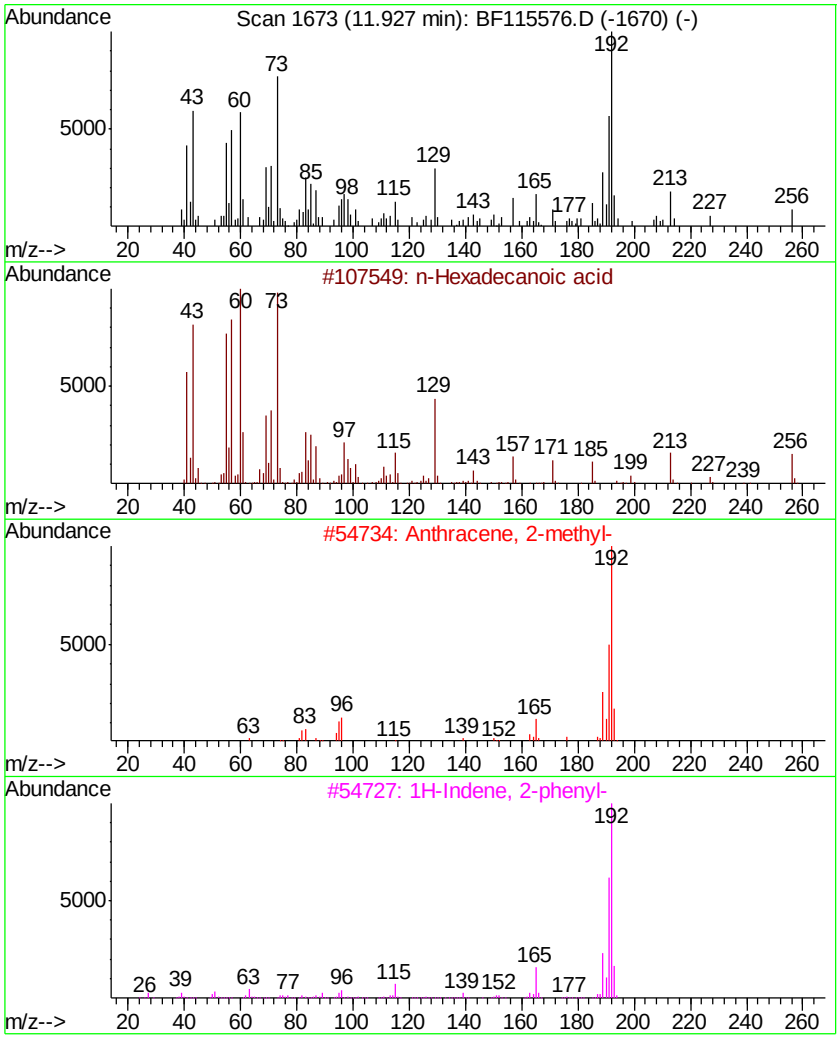
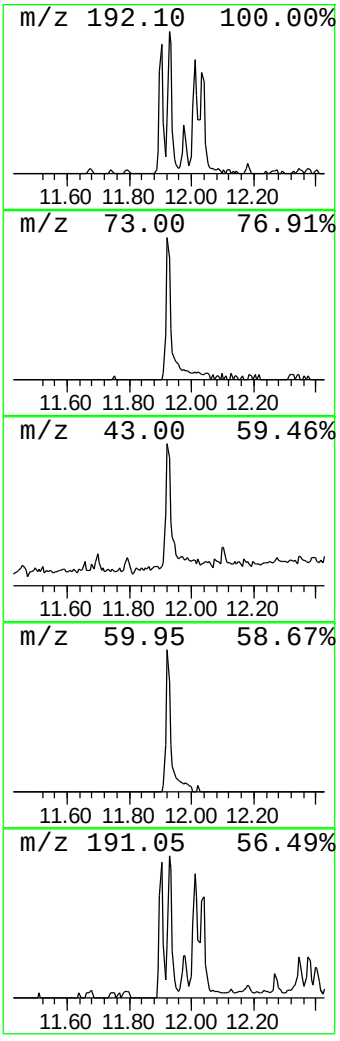
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.48 ng	147124	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	83
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	83





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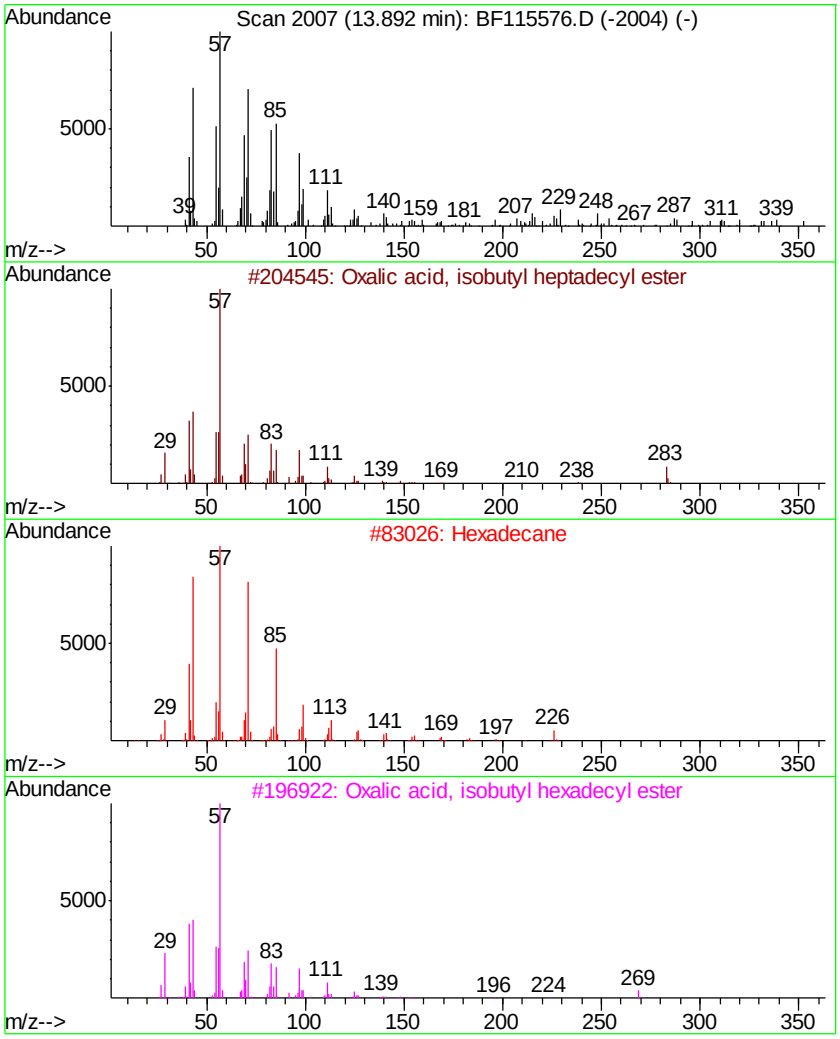
TIC Integration Parameters: LSCINT.P

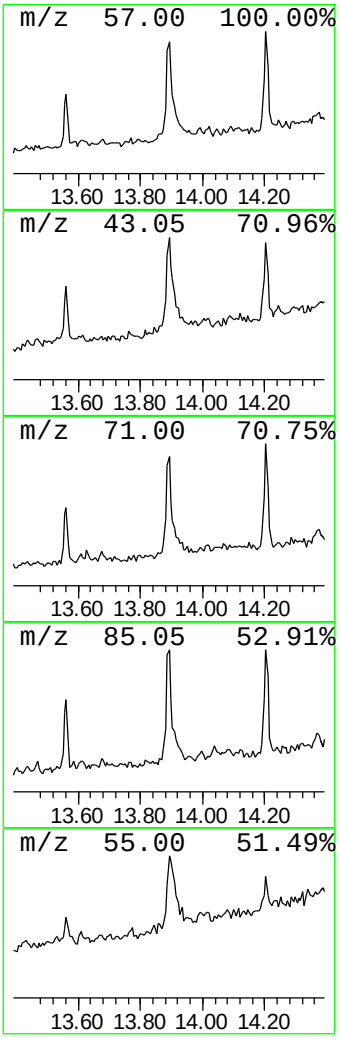
****

Peak Number 5 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.24 ng	186636	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	83
2	Hexadecane	226	C16H34	000544-76-3	70
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	68
4	Cyclotetradecane	196	C14H28	000295-17-0	66
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.19	21.3	ng	1142450	1	6.88	1071370	20.0
unknown6.65	6.65	33.7	ng	1806470	1	6.88	1071370	20.0
n-Hexadecanoic acid	11.93	2.5	ng	147124	4	11.40	1188860	20.0
Hexadecane	13.89	3.2	ng	186636	5	14.03	1151390	20.0