LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115813.D
Acq On : 27 Jul 2019 3:13
Operator : HP/JU
Sample : K3620-19 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-072519-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	2.122	3	6	56	rVB4	232830	793040	79.30%	7.384%
2	5.492	575	579	595	rBV	325280	414832	41.48%	3.863%
3	6.498	746	750	765	rBV	349923	449380	44.94%	4.184%
4	6.639	771	774	782	rBV	535329	474072	47.41%	4.414%
5	6.869	810	813	824	rBV	772547	723652	72.36%	6.738%
6	7.028	836	840	849	rBV	449276	407821	40.78%	3.797%
7	7.428	905	908	923	rBV	207259	268444	26.84%	2.500%
8	8.151	1027	1031	1037	rBV	851819	769398	76.94%	7.164%
9	9.222	1210	1213	1226	rBV	377685	500646	50.06%	4.662%
10	9.569	1264	1272	1273	rBV4	7299	10700	1.07%	0.100%
11	9.616	1277	1280	1289	rVB	55854	74115	7.41%	0.690%
12	9.769	1303	1306	1310	rBV	18656	18725	1.87%	0.174%
13	9.904	1326	1329	1345	rVB	891505	869951	86.99%	8.100%
14	10.333	1400	1402	1405	rVB	15223	12491	1.25%	0.116%
15	10.457	1419	1423	1427	rBV2	8385	12253	1.23%	0.114%
16	10.557	1436	1440	1443	rBV	10970	12189	1.22%	0.113%
17	10.692	1460	1463	1475	rBV	181255	217192	21.72%	2.022%
18	10.822	1480	1485	1488	rBV	36367	43333	4.33%	0.403%
19	11.257	1554	1559	1562	rBV3	20466	23102	2.31%	0.215%
20	11.286	1562	1564	1570	rVB2	27646	27790	2.78%	0.259%
21	11.392	1578	1582	1585	rBV	791132	779895	77.99%	7.262%
22	11.469	1592	1595	1599	rVB	18622	19727	1.97%	0.184%
23	11.633	1619	1623	1627	rBV5	7660	15457	1.55%	0.144%
24	11.680	1628	1631	1634	rVV2	21899	18713	1.87%	0.174%
25	11.722	1636	1638	1644	rVB2	11700	15028	1.50%	0.140%
26	11.780	1644	1648	1650	rBV	47438	40521	4.05%	0.377%
27	11.892	1664	1667	1669	rBV	32201	30461	3.05%	0.284%
28	11.922	1669	1672	1677	rVB	42158	52922	5.29%	0.493%
29	12.004	1683	1686	1688	rBV	38929	36859	3.69%	0.343%
30	12.027	1688	1690	1694	rVB	24612	22981	2.30%	0.214%
31	12.086	1698	1700	1705	rVB2	21826	20534	2.05%	0.191%
32	12.186	1714	1717	1720	rBV4	13959	14575	1.46%	0.136%
33	12.369	1745	1748	1750	rBV2	24697	20711	2.07%	0.193%
34	12.445	1757	1761	1762	rBV	40277	45556	4.56%	0.424%

LSC Area Percent Report

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-072519-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	12.463	1762	1764	1766	rVV	242335	226870	22.69%	2.112%
36	12.486	1766	1768	1773	rVV	326441	300582	30.06%	2.799%
37	12.527	1773	1775	1780	rVV3	16648	19644	1.96%	0.183%
38	12.569	1780	1782	1785	rVB2	39699	31550	3.15%	0.294%
39	12.604	1785	1788	1793	rBV	116674	111253	11.12%	1.036%
40	12.698	1802	1804	1807	rBV2	11368	11268	1.13%	0.105%
41	12.833	1822	1827	1833	rBV	152230	176897	17.69%	1.647%
42	12.892	1834	1837	1840	rVB2	22170	23877	2.39%	0.222%
43	12.968	1846	1850	1859	rVB	562106	534002	53.40%	4.972%
44	13.045	1860	1863	1868	rBV4	24275	43957	4.40%	0.409%
45	13.157	1876	1882	1885	rBV	41411	68137	6.81%	0.634%
46	13.268	1898	1901	1904	rBV2	28844	29665	2.97%	0.276%
47	13.357	1914	1916	1919	rVB	21655	19565	1.96%	0.182%
48	13.392	1919	1922	1924	rBV	22727	27048	2.70%	0.252%
49	14.027	2026	2030	2034	rBV	890292	1000044	100.00%	9.312%
50	15.504	2276	2281	2291	rVB	579838	858196	85.82%	7.991%

Sum of corrected areas: 10739621

LSC Report - Integrated Chromatogram

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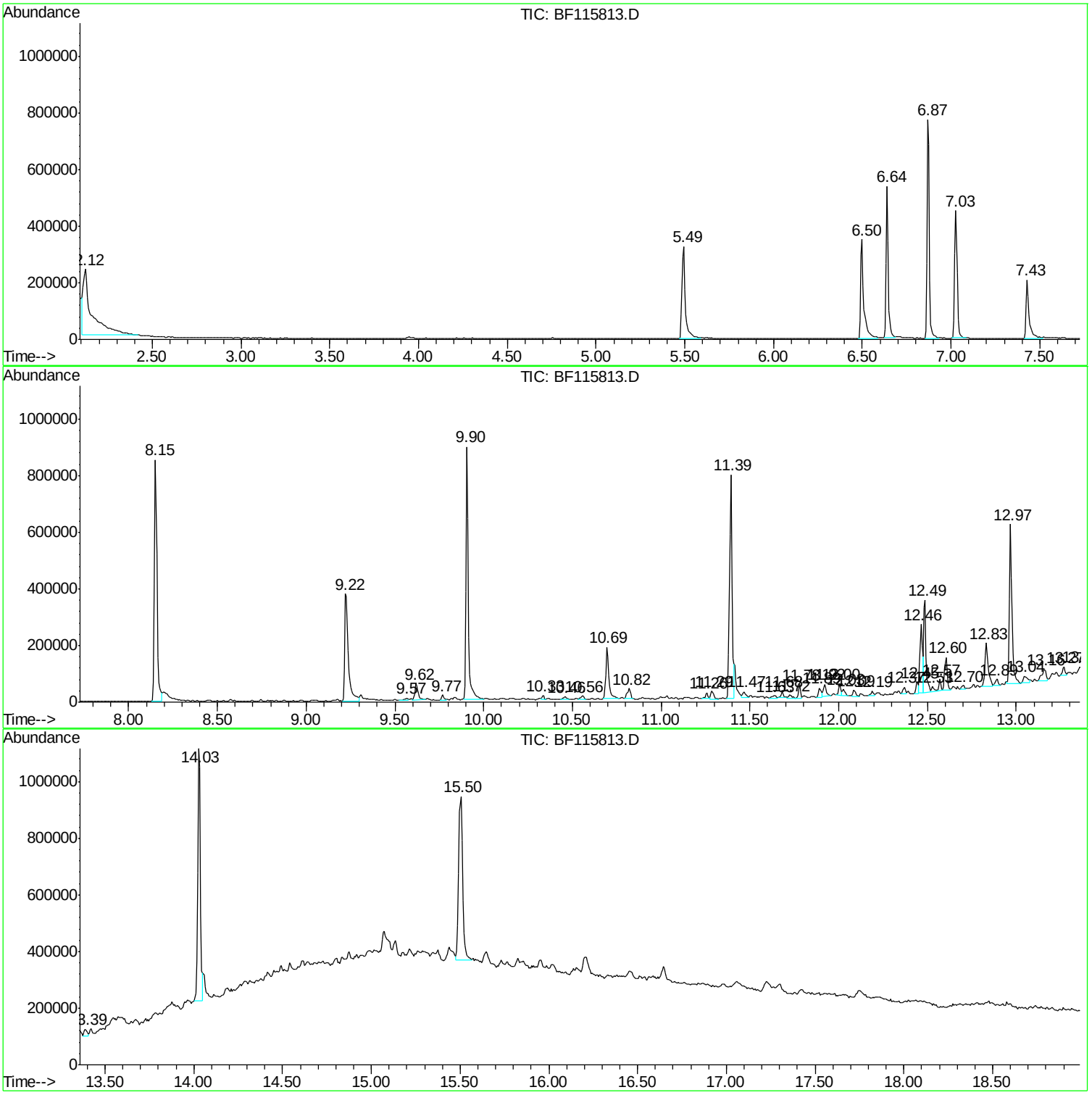
Operator : HP/JU
Sample : K3620-19 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-072519-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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115813.D
Acq On : 27 Jul 2019 3:13
Operator : HP/JU
Sample : K3620-19 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-072519-E

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

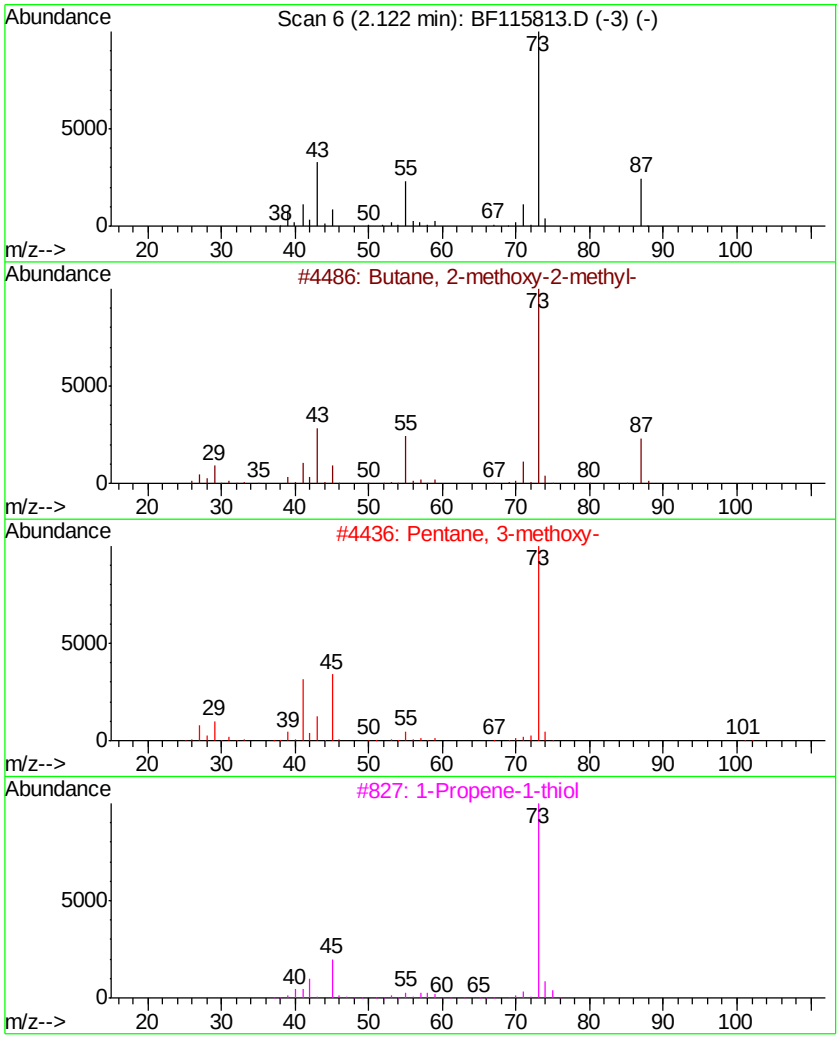
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

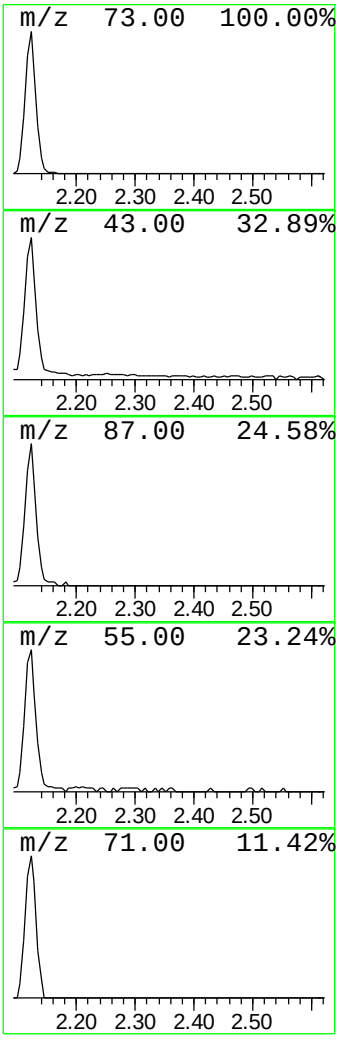
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	21.92 ng	793040	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
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Instrument : BNA_F
ClientSampleId : CL-02-072519-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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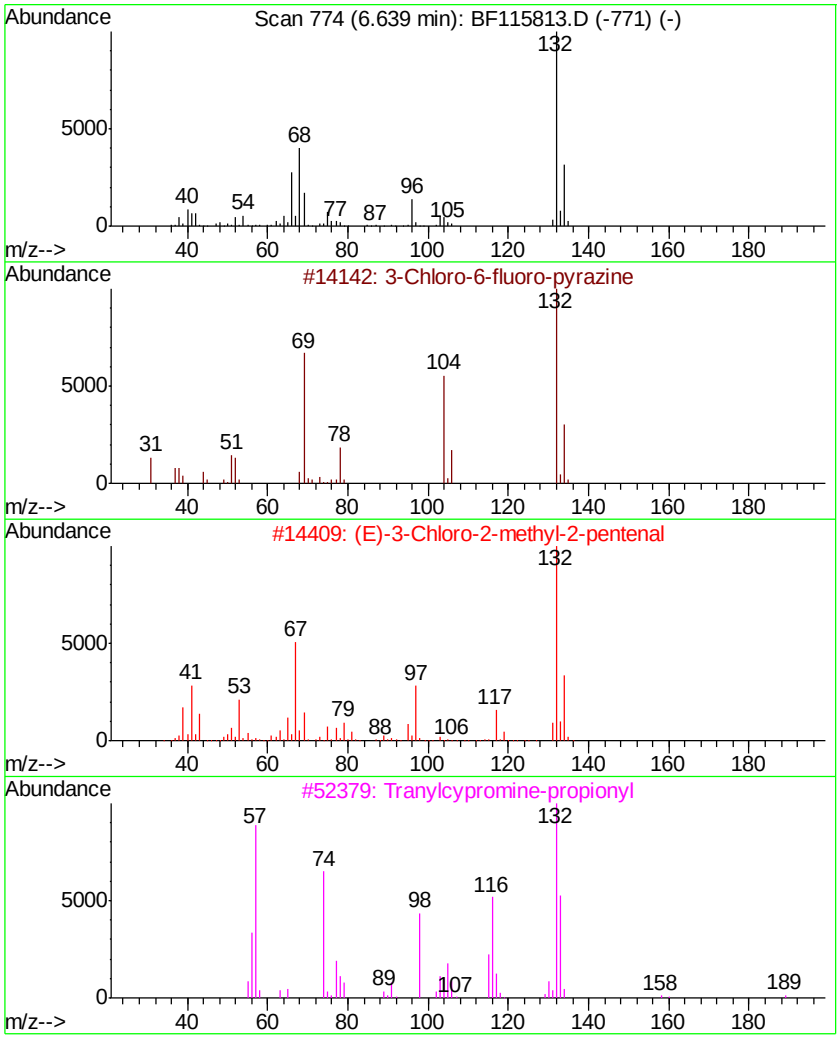
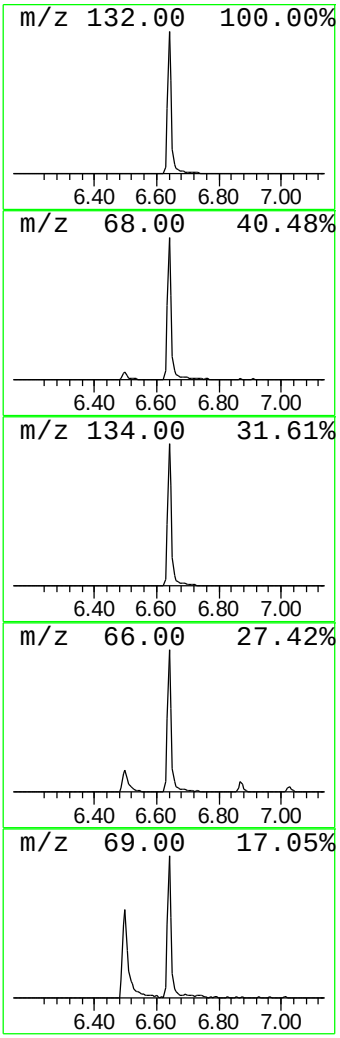
Peak Number 2 unknown6.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	13.10 ng	474072	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
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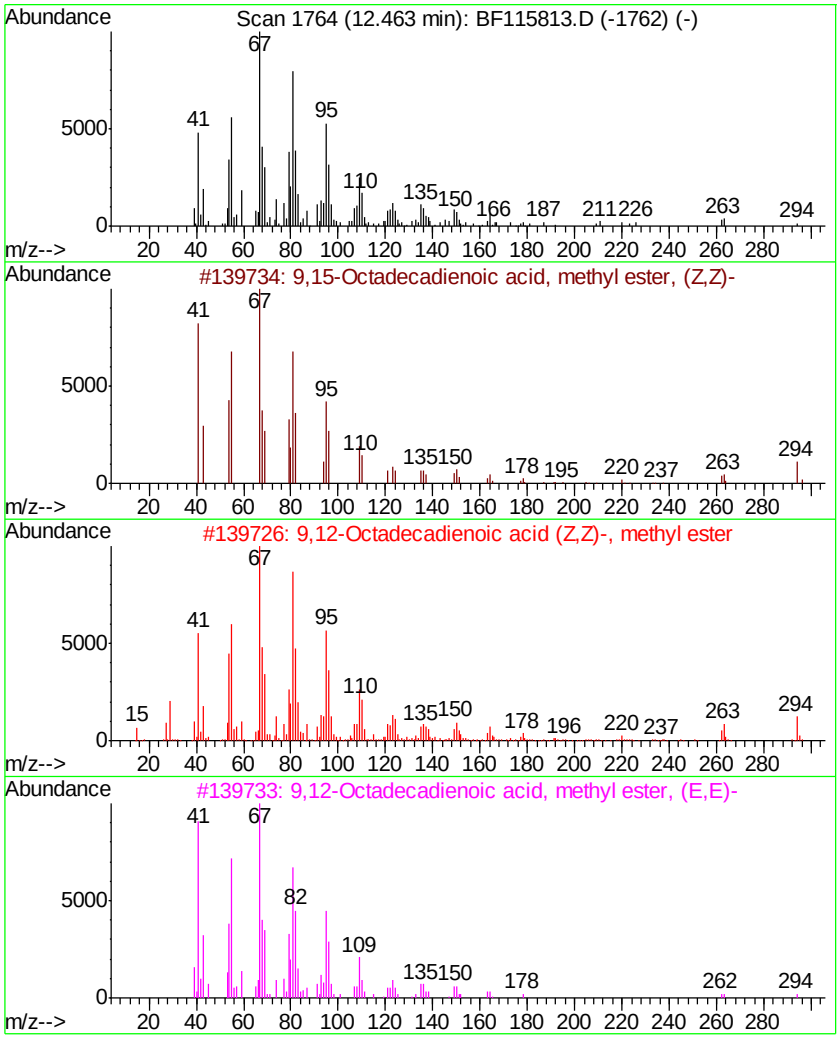
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

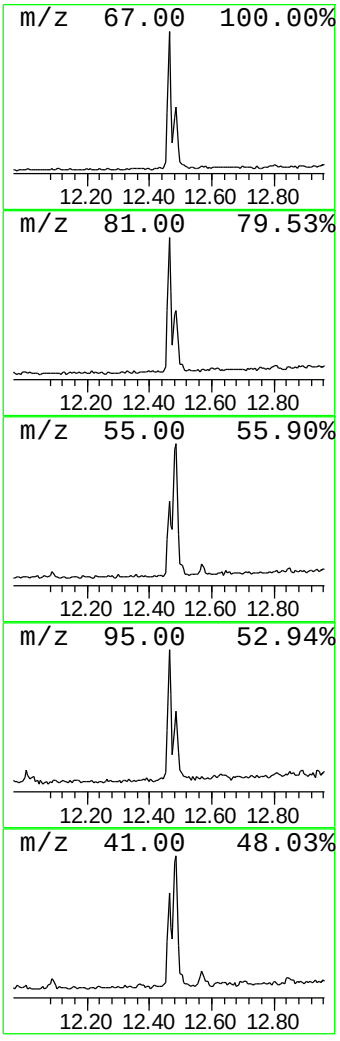
****

Peak Number 4 9,15-Octadecadienoic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	5.82 ng	226870	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
4	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	94





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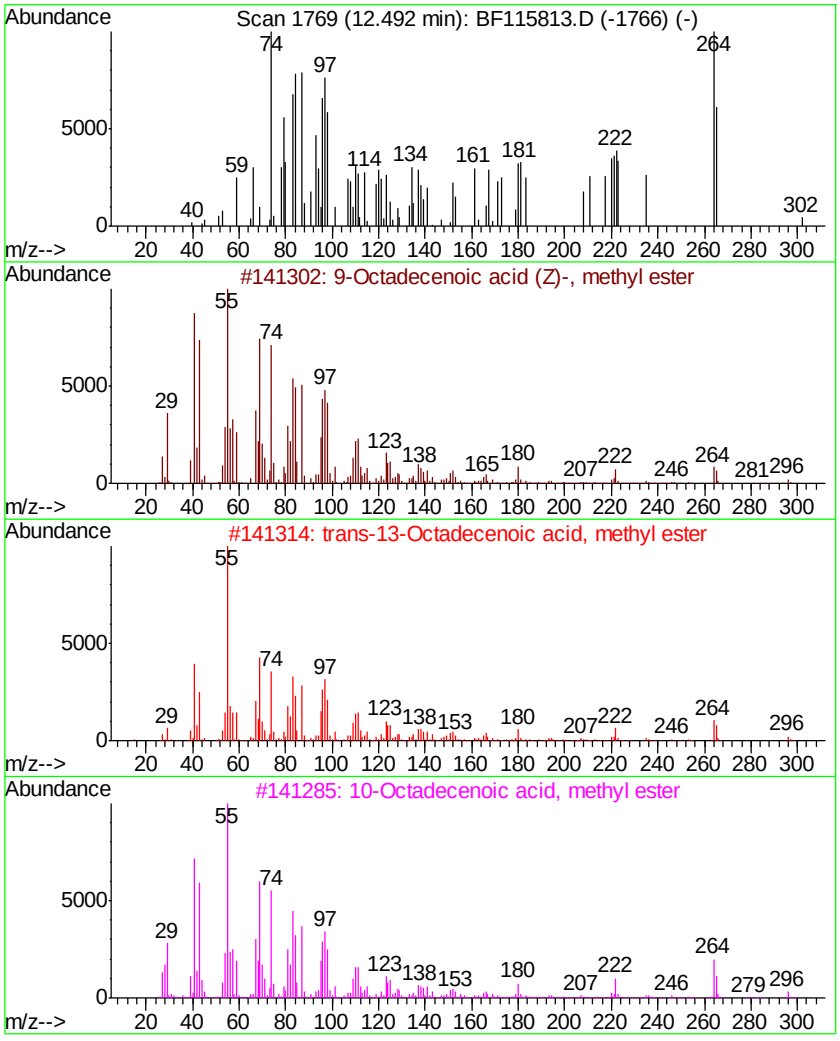
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

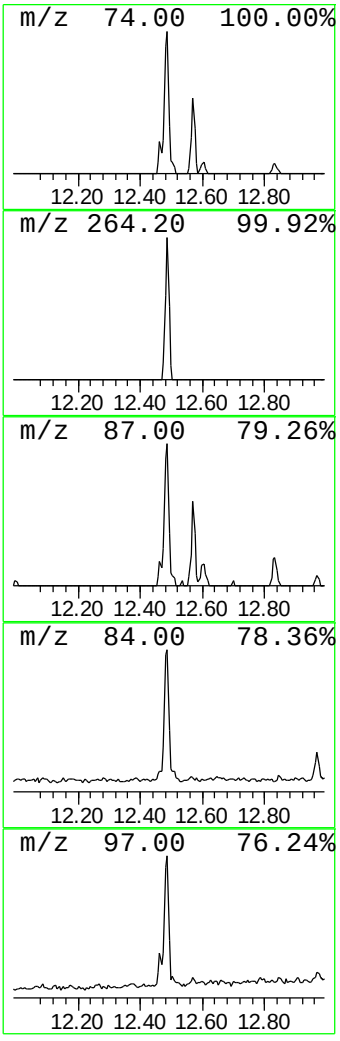
****

Peak Number 5 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	7.71 ng	300582	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	89
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	76
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	76
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	76





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...	2.12	21.9	ng	793040	1	6.87	723652	20.0
unknown6.64	6.64	13.1	ng	474072	1	6.87	723652	20.0
9,15-Octadecadien...	12.46	5.8	ng	226870	4	11.39	779895	20.0
9-Octadecenoic ac...	12.49	7.7	ng	300582	4	11.39	779895	20.0