LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109240.D
Acq On : 22 Sep 2018 23:43
Operator : JU/SJ
Sample : J5021-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SOIL-A

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-BF092218.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	4.899	475	478	486	rVB	57932	71840	3.59%	0.422%
2	5.316	544	549	552	rBV	1943697	1841871	92.01%	10.827%
3	6.346	719	724	732	rBV	1903361	2001798	100.00%	11.767%
4	6.475	742	746	749	rBV	2227130	1931199	96.47%	11.352%
5	6.704	782	785	789	rBV	770764	644038	32.17%	3.786%
6	6.863	808	812	815	rBV	1684417	1325127	66.20%	7.790%
7	7.269	876	881	884	rBV	1199721	1175851	58.74%	6.912%
8	7.987	999	1003	1007	rBV	991581	794756	39.70%	4.672%
9	9.063	1182	1186	1189	rBV	1964208	1546957	77.28%	9.094%
10	9.457	1249	1253	1256	rBV	732537	543266	27.14%	3.194%
11	9.739	1297	1301	1304	rBV	923238	790512	39.49%	4.647%
12	10.516	1430	1433	1441	rBV	1012090	970884	48.50%	5.707%
13	11.210	1548	1551	1554	rBV	712772	644958	32.22%	3.791%
14	11.751	1640	1643	1647	rBV2	40381	44279	2.21%	0.260%
15	12.416	1753	1756	1760	rBV	58846	48987	2.45%	0.288%
16	12.645	1789	1795	1799	rBV	50670	55682	2.78%	0.327%
17	12.739	1808	1811	1813	rBV	34335	28329	1.42%	0.167%
18	12.792	1816	1820	1824	rVB	1272869	1054728	52.69%	6.200%
19	13.069	1864	1867	1871	rBV2	54616	49094	2.45%	0.289%
20	13.710	1972	1976	1988	rBV2	88818	187378	9.36%	1.101%
21	13.839	1993	1998	2001	rBV	665834	643863	32.16%	3.785%
22	13.945	2014	2016	2020	rBV4	17315	22183	1.11%	0.130%
23	14.692	2140	2143	2146	rVB	83600	86545	4.32%	0.509%
24	14.933	2182	2184	2190	rVB2	36225	40862	2.04%	0.240%
25	15.239	2231	2236	2240	rBV	379035	430332	21.50%	2.530%
26	15.286	2242	2244	2248	rVB	32392	35932	1.79%	0.211%

Sum of corrected areas: 17011251

LSC Report - Integrated Chromatogram

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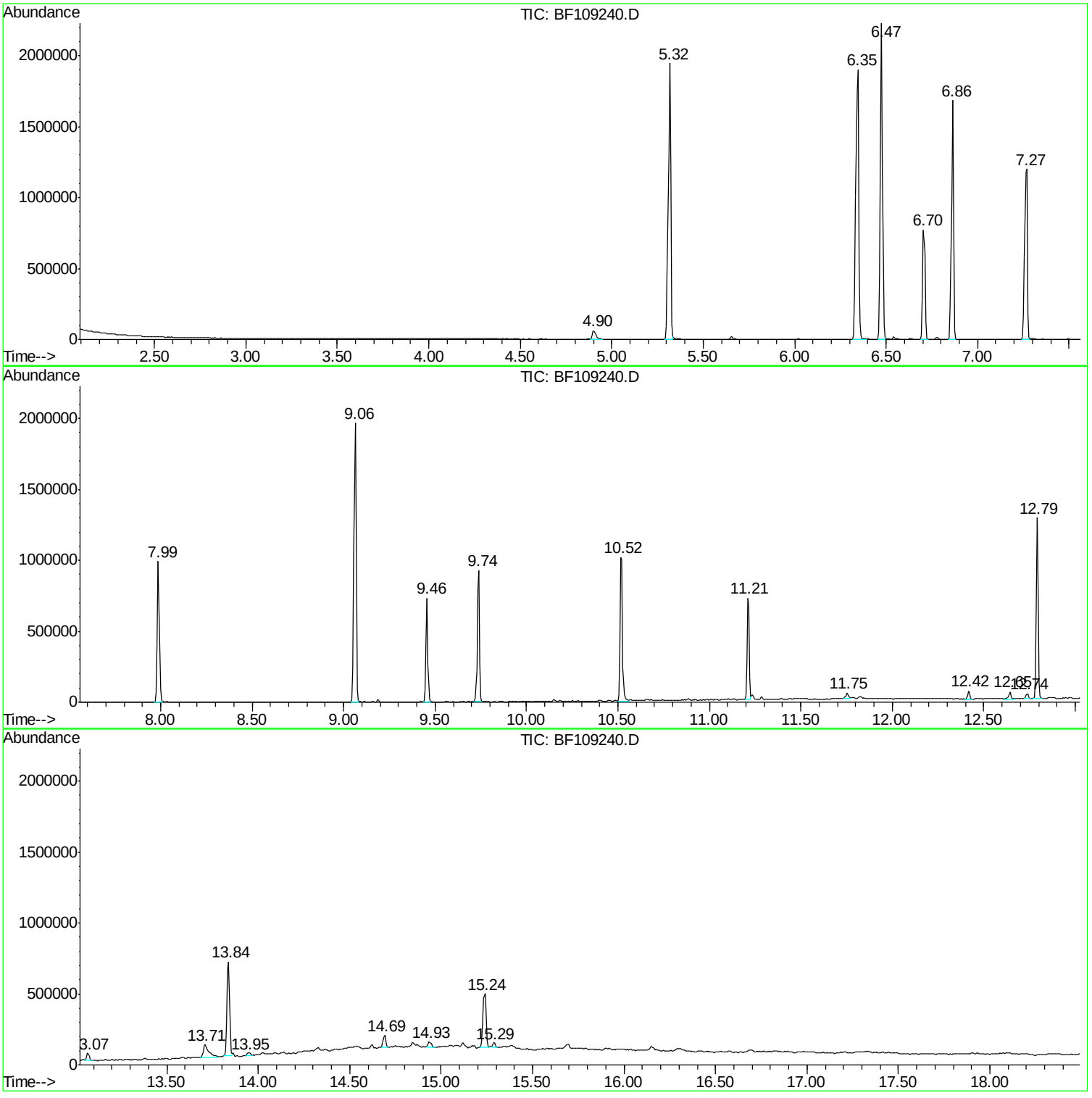
Instrument : BNA_F
ClientSampleId : LS-SOIL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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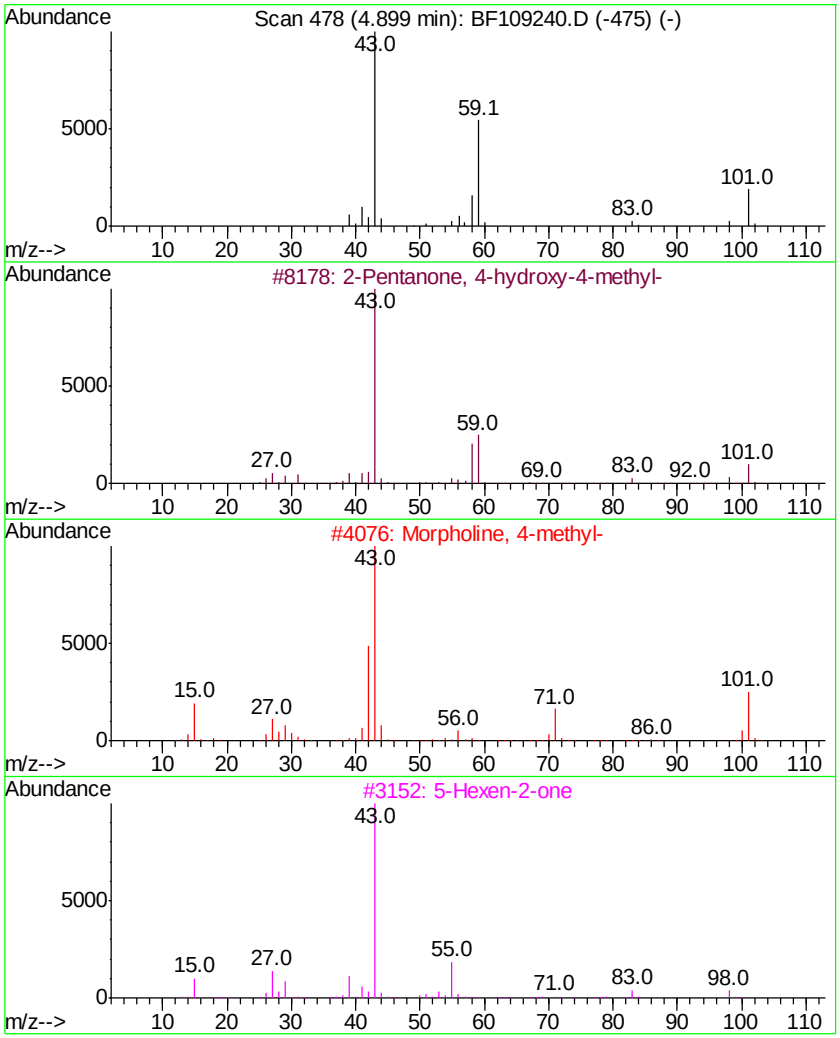
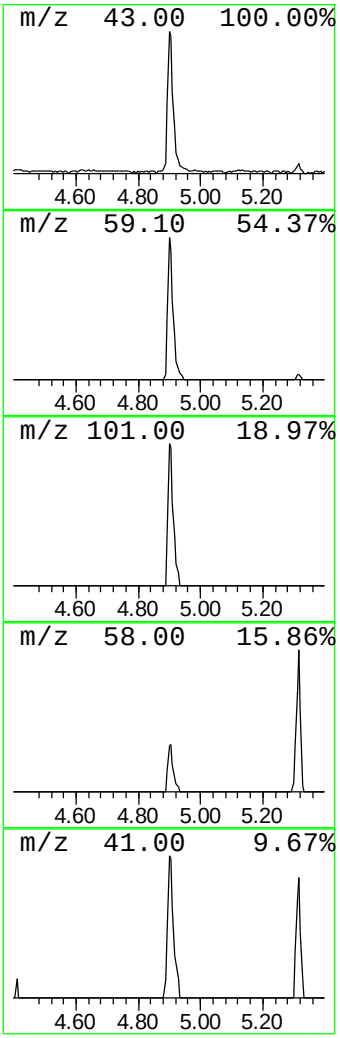
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.23 ng	71840	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Instrument :
BNA_F
ClientSampleId :
LS-SOIL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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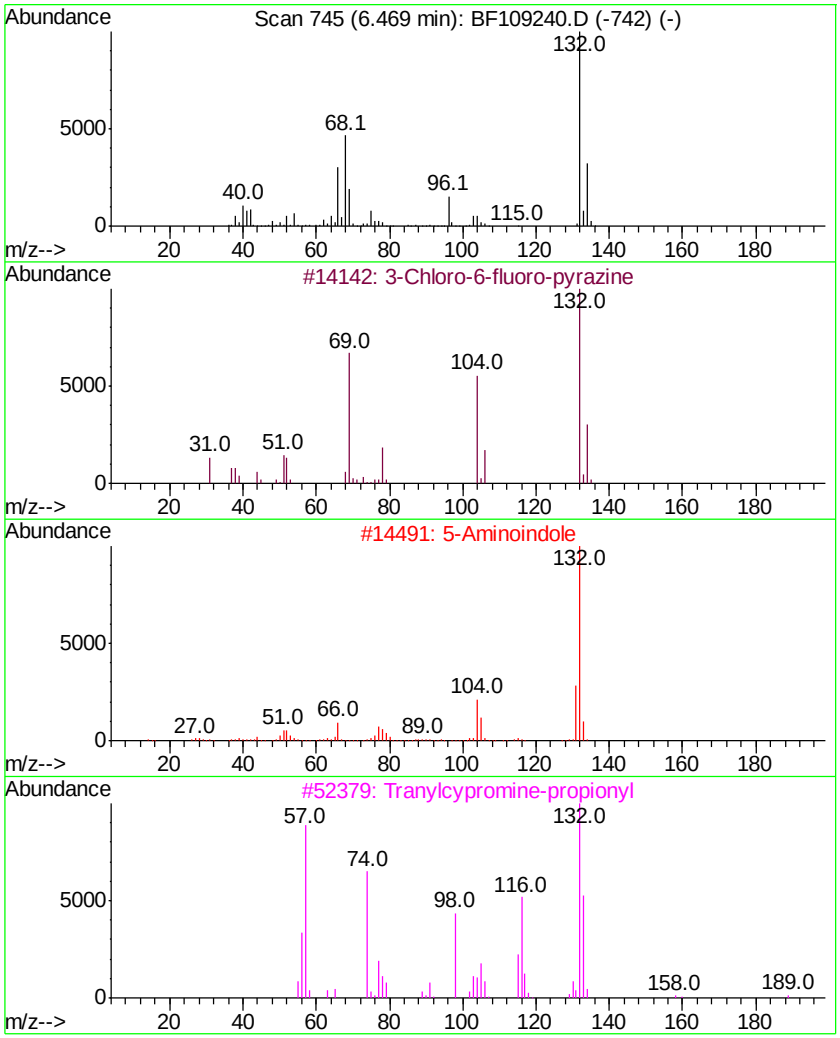
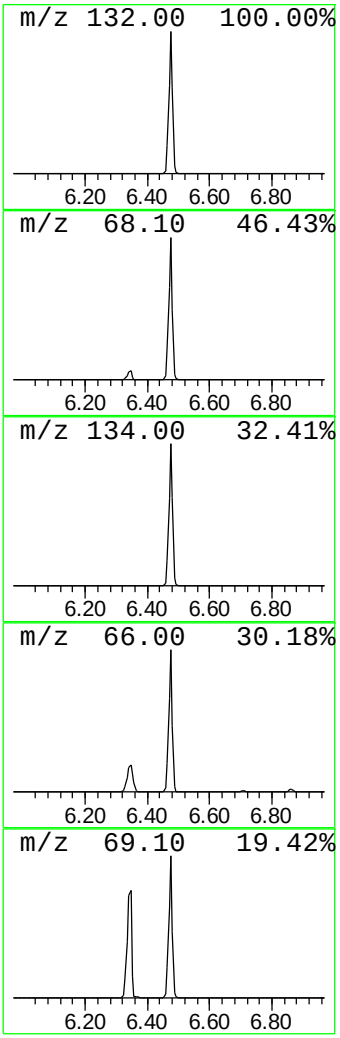
Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	59.97 ng	1931200	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SOIL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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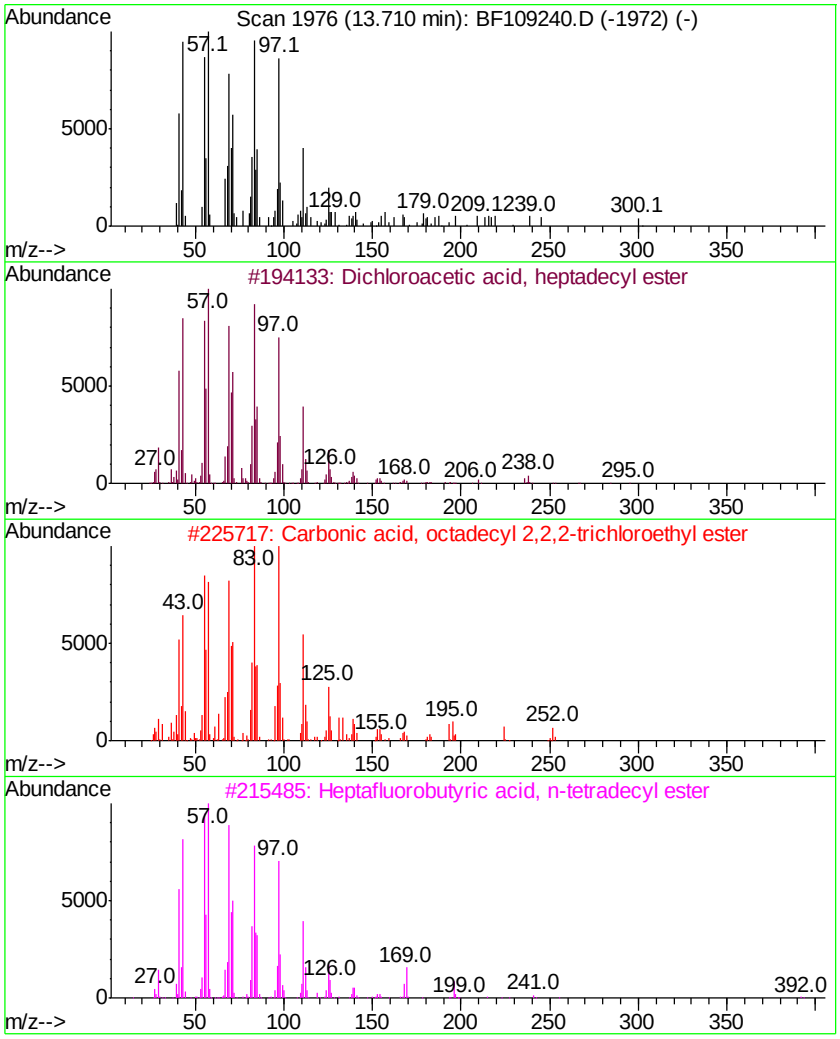
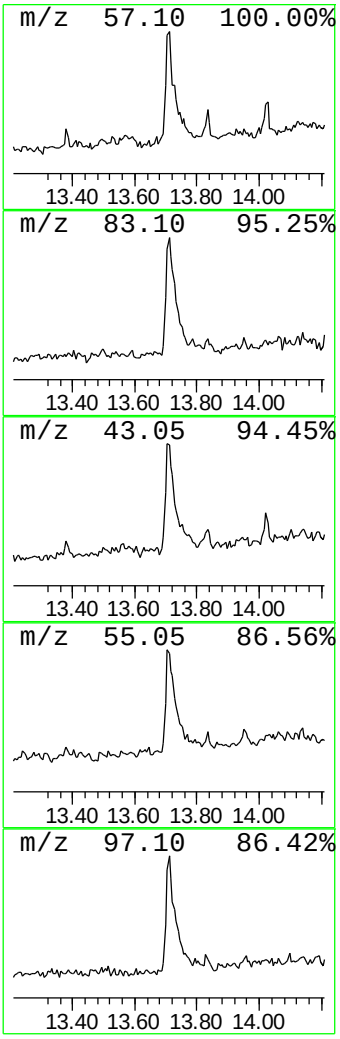
Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	5.82 ng	187378	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	91
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91





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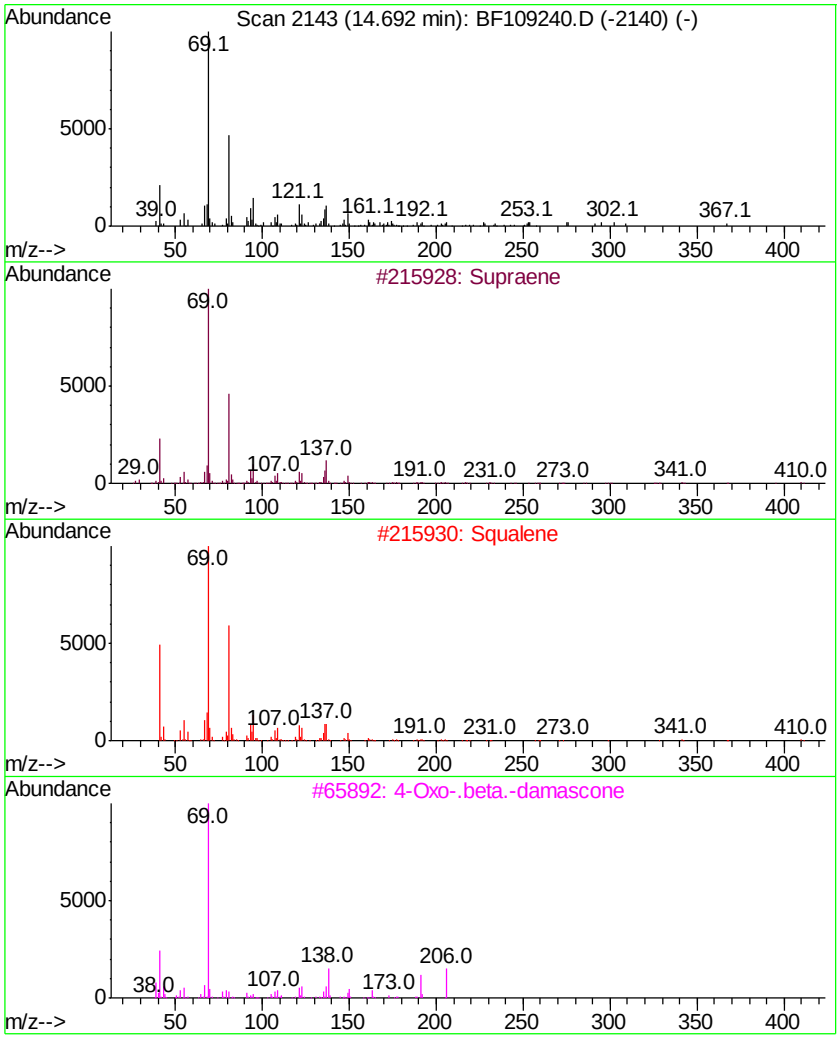
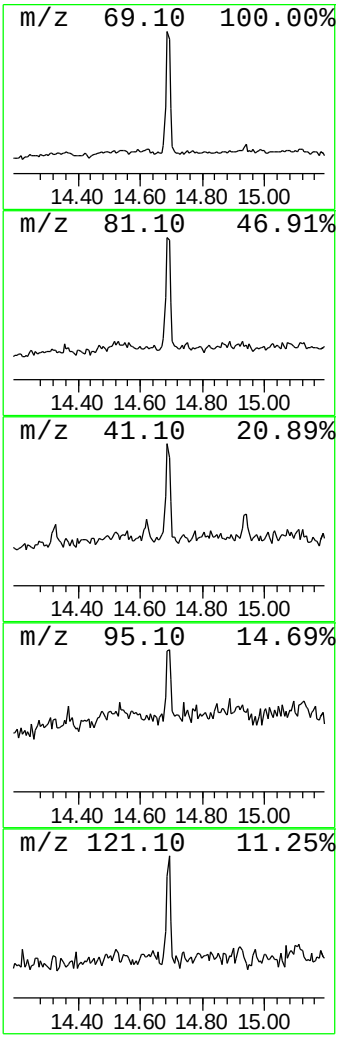
Peak Number 5 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	4.02 ng	86545	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	Squalene	410	C30H50	000111-02-4	83
3	4-Oxo-.beta.-damascone	206	C13H18O2	053398-08-6	64
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	59
5	2,6-Octadiene, 1-(2-bromophenoxy...	308	C16H21BrO	1000163-04-5	59





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...	4.90	2.2	ng	71840	1	6.70	644038	20.0
unknown6.47	6.47	60.0	ng	1931200	1	6.70	644038	20.0
Dichloroacetic ac...	13.71	5.8	ng	187378	5	13.84	643863	20.0
Supraene	14.69	4.0	ng	86545	6	15.24	430332	20.0