LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119233.D
Acq On : 6 Mar 2020 1:27
Operator : CG/JU
Sample : L1792-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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-BF022020.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	4.940	481	485	498	rVB	247201	371310	8.99%	1.207%
2	5.363	553	557	583	rBV	2846096	2956735	71.61%	9.613%
3	6.381	725	730	751	rBV	2846524	2980509	72.19%	9.690%
4	6.722	784	788	799	rBV	1111411	949677	23.00%	3.088%
5	6.881	810	815	827	rBV	2736803	2638122	63.89%	8.577%
6	7.287	880	884	898	rBV	1867950	2038418	49.37%	6.627%
7	8.004	1002	1006	1023	rBV	1341046	1288281	31.20%	4.188%
8	9.081	1183	1189	1192	rBV	4246841	4128860	100.00%	13.424%
9	9.475	1252	1256	1265	rVB	213880	193536	4.69%	0.629%
10	9.757	1297	1304	1319	rBV	1785966	1613134	39.07%	5.245%
11	10.551	1435	1439	1455	rBV	2820052	2717549	65.82%	8.835%
12	11.239	1552	1556	1565	rBV	1652853	1636831	39.64%	5.322%
13	11.775	1644	1647	1655	rBV	183188	209795	5.08%	0.682%
14	12.557	1777	1780	1784	rBV2	40853	52971	1.28%	0.172%
15	12.827	1821	1826	1829	rBV	3941603	4120124	99.79%	13.395%
16	13.751	1979	1983	1996	rVB3	102773	292491	7.08%	0.951%
17	13.880	2001	2005	2016	rVB	1183265	1109226	26.87%	3.606%
18	14.339	2080	2083	2087	rBV	60600	53568	1.30%	0.174%
19	14.633	2130	2133	2139	rVB	65980	64208	1.56%	0.209%
20	14.704	2141	2145	2151	rVB	141052	138956	3.37%	0.452%
21	14.951	2183	2187	2192	rVB	78392	94197	2.28%	0.306%
22	15.304	2242	2247	2257	rBV	734405	960930	23.27%	3.124%
23	15.710	2311	2316	2322	rVB	50776	75102	1.82%	0.244%
24	16.798	2496	2501	2508	rVB8	38346	73633	1.78%	0.239%

Sum of corrected areas: 30758163

LSC Report - Integrated Chromatogram

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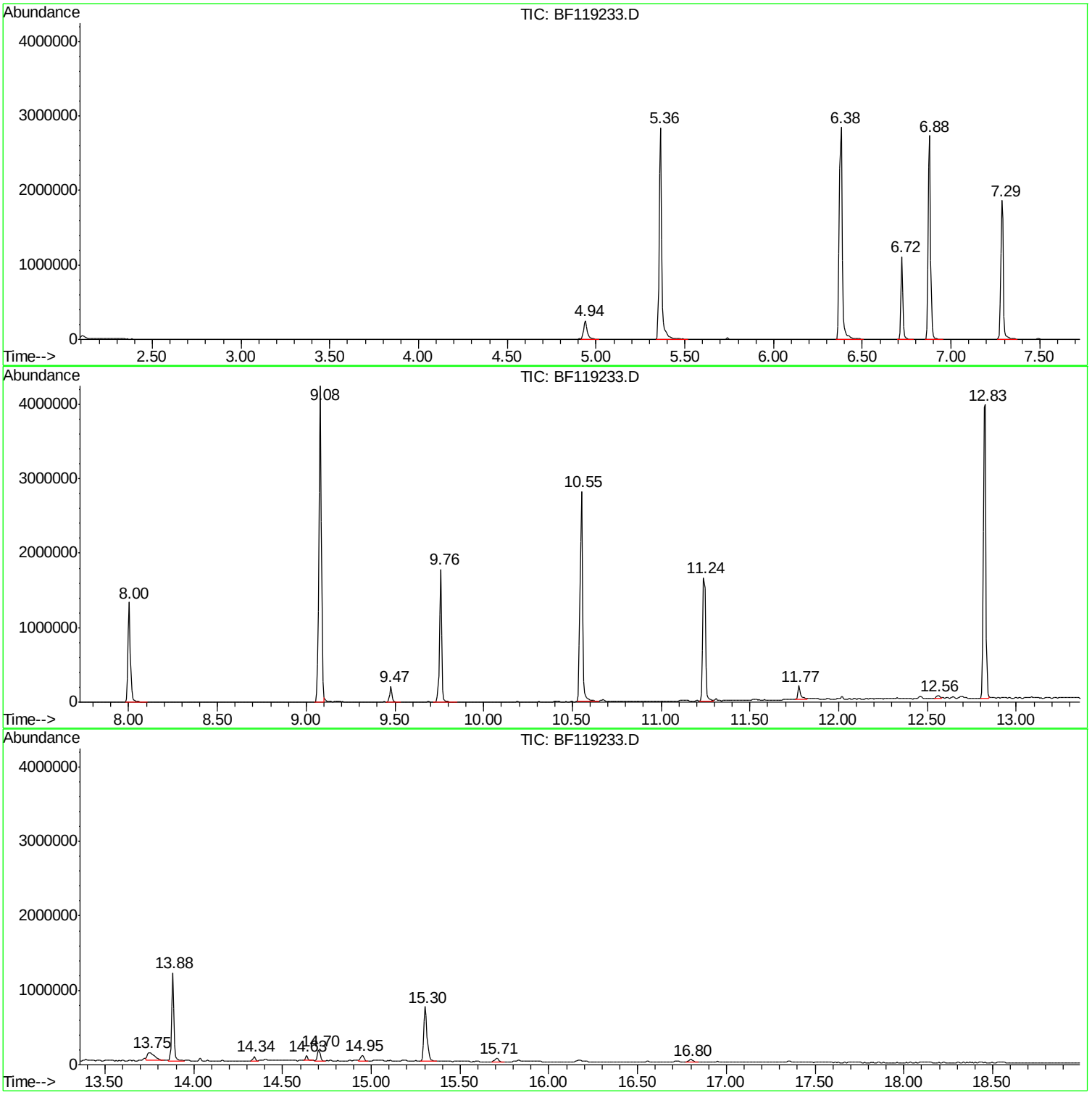
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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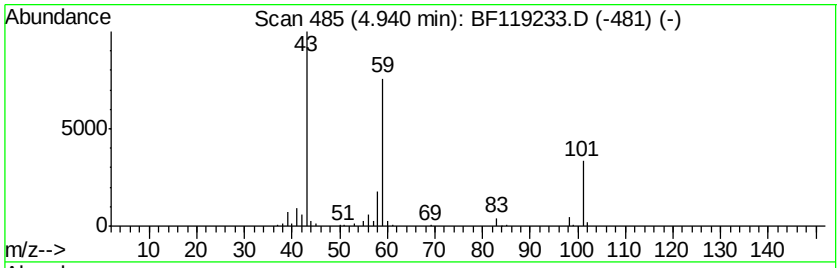
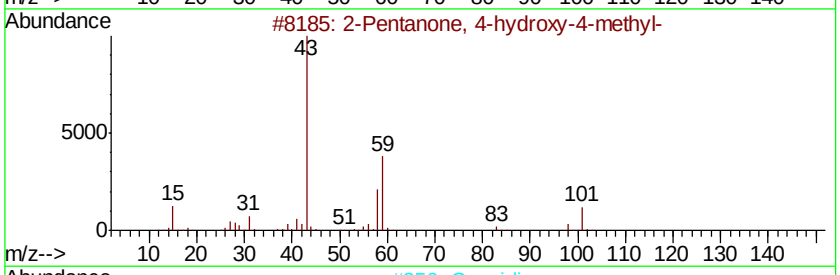
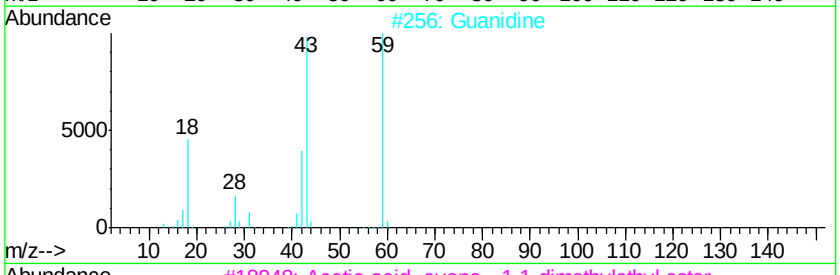
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

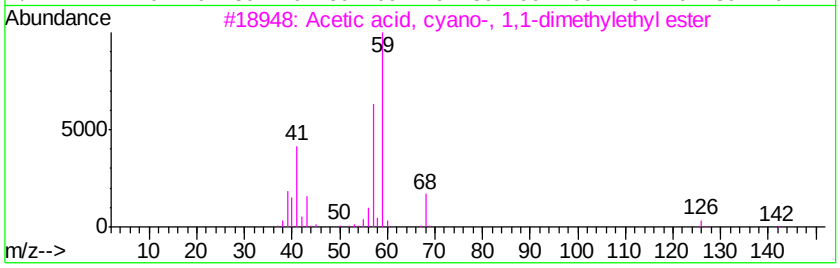
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	7.82 ng	371310	1,4-Dichlorobenzene-d4	6.72

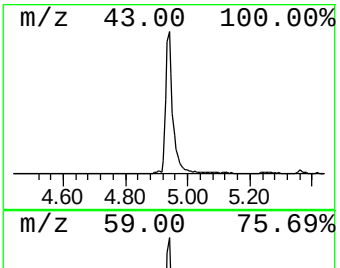
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9

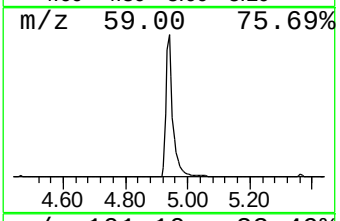


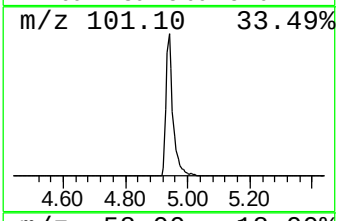


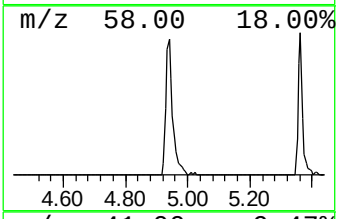


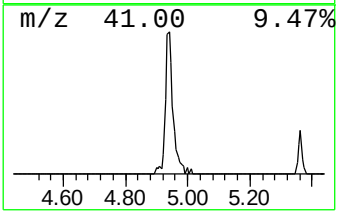












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ClientSampleId : TP-1

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

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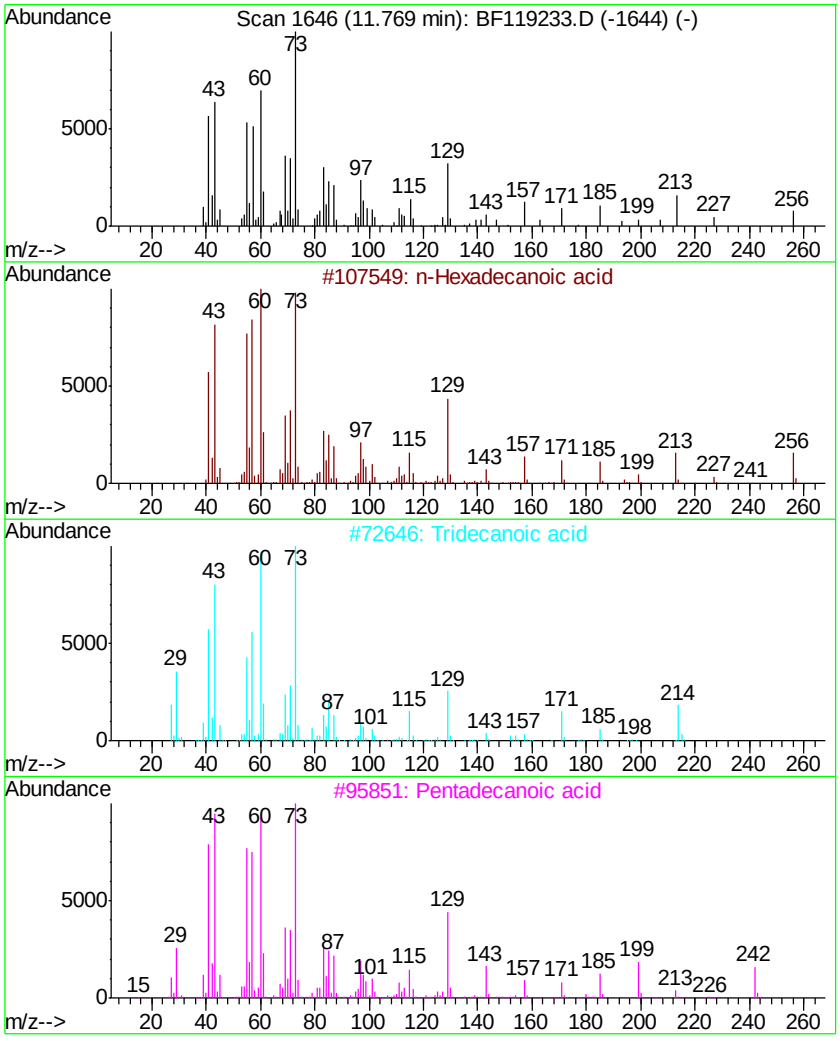
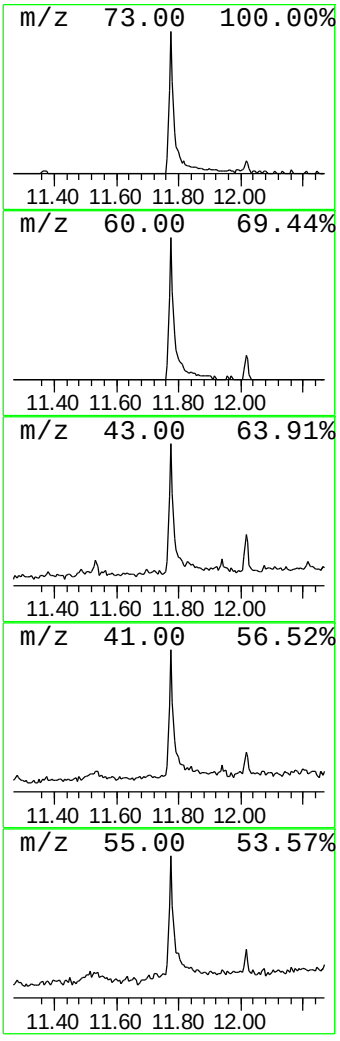
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.56 ng	209795	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Undecanoic acid	186	C11H22O2	000112-37-8	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	45





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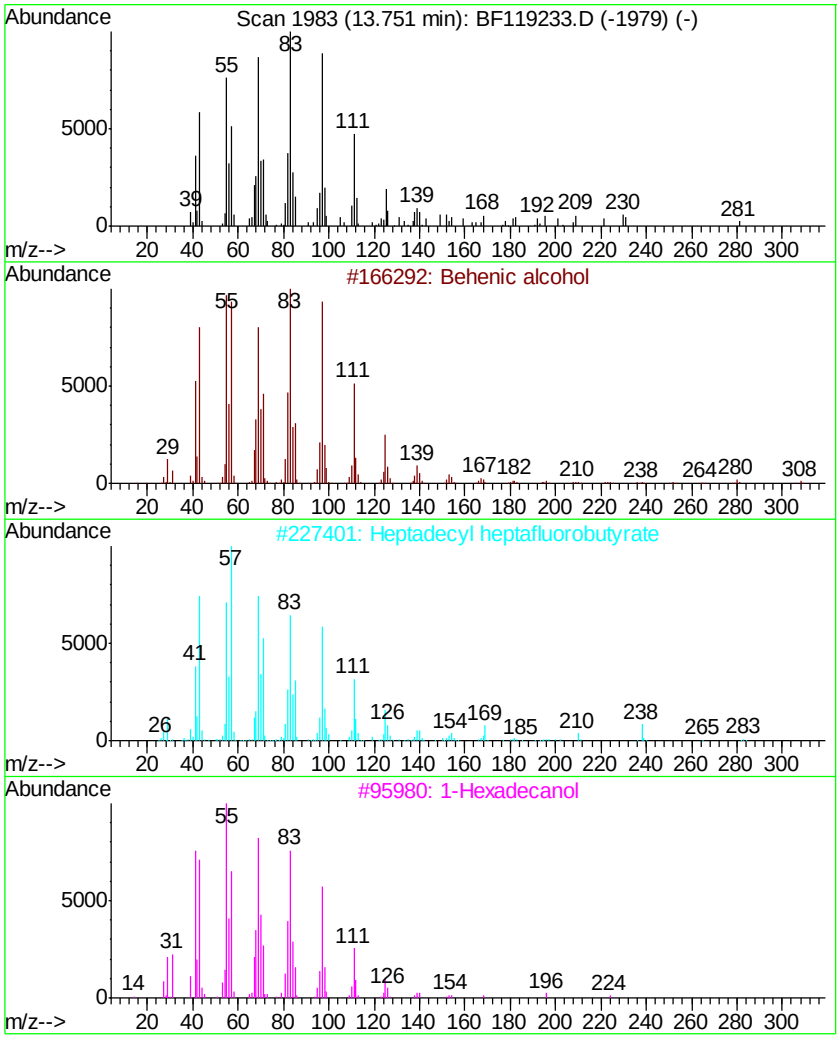
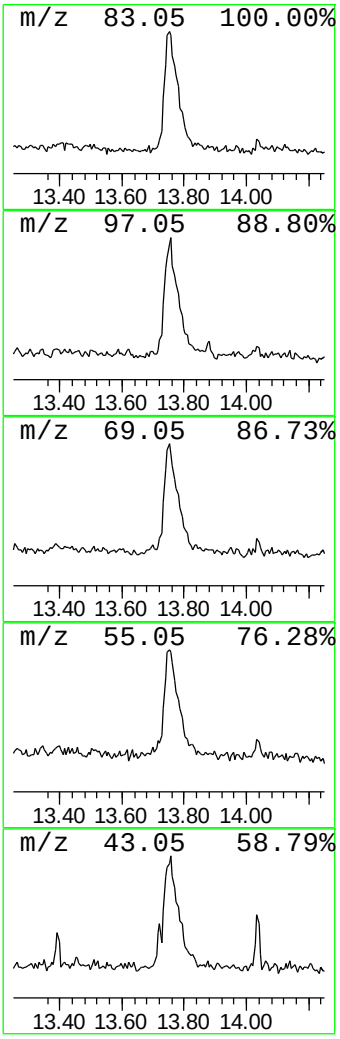
Peak Number 4 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.27 ng	292491	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3	1-Hexadecanol	242	C16H34O	036653-82-4	83
4	Cyclopentadecane	210	C15H30	000295-48-7	74
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	68





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ClientSampleId : TP-1

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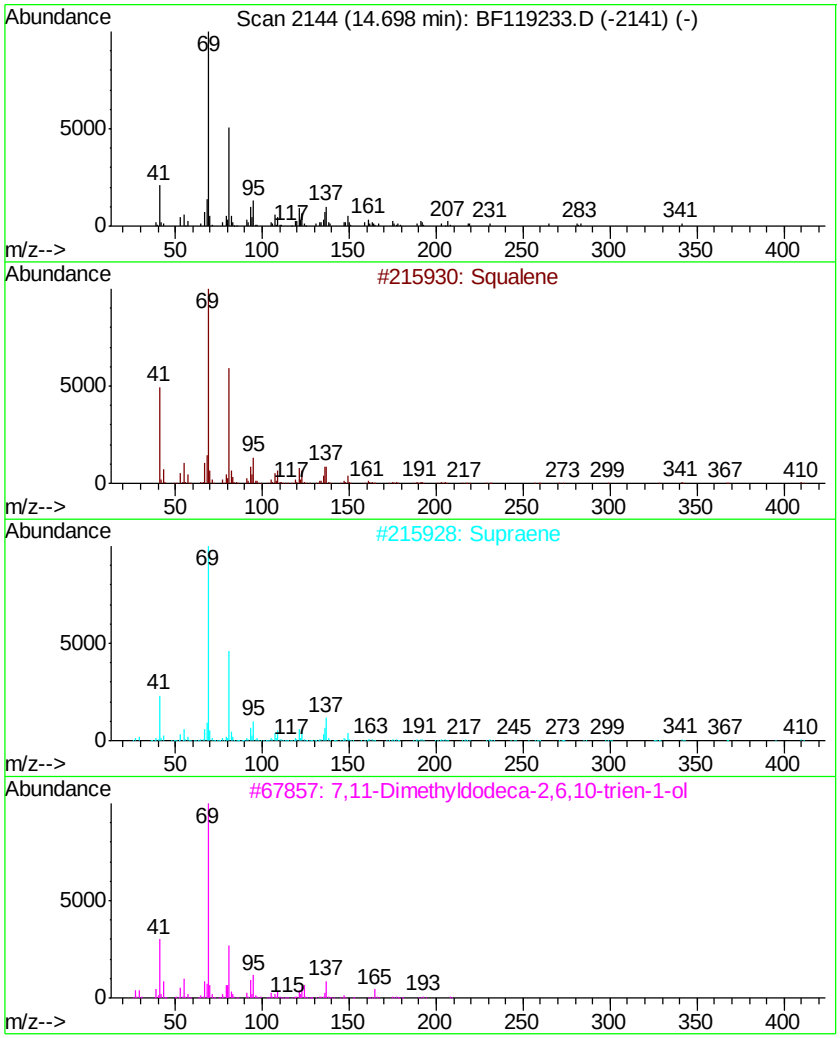
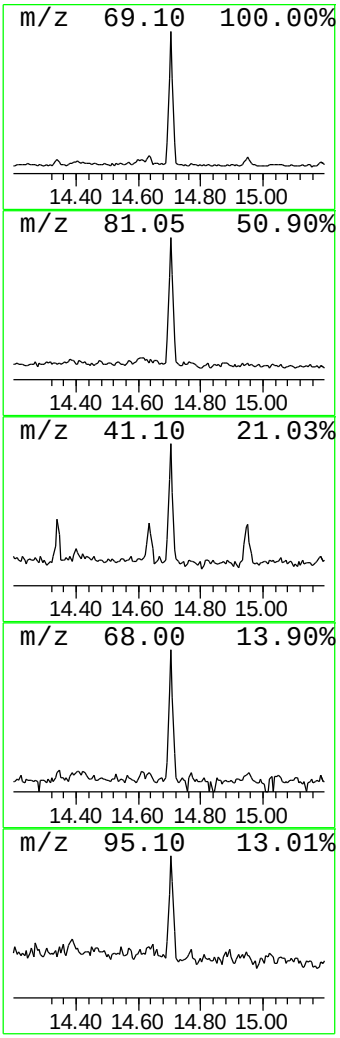
****

Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.89 ng	138956	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





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
2-Pentanone, 4-hy...	4.94	7.8	ng	371310	1	6.72	949677	20.0
n-Hexadecanoic acid	11.77	2.6	ng	209795	4	11.24	1636830	20.0
Behenic alcohol	13.75	5.3	ng	292491	5	13.88	1109230	20.0
Squalene	14.70	2.9	ng	138956	6	15.30	960930	20.0