LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103780.D
Acq On : 20 Mar 2018 2:18
Operator : JU/SJ
Sample : J1971-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-6-SA-1-EW@2

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:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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	2.328	34	41	48	rVB	140282	187407	4.99%	0.606%
2	5.222	522	533	540	rBV	135075	176471	4.70%	0.571%
3	5.598	592	597	600	rBV	3351647	3490822	92.90%	11.292%
4	5.922	648	652	657	rVB	40834	40268	1.07%	0.130%
5	6.598	760	767	776	rBV2	2985379	3691239	98.23%	11.941%
6	6.745	787	792	795	rBV	3395924	3505545	93.29%	11.340%
7	6.969	827	830	834	rBV	925142	812431	21.62%	2.628%
8	7.128	853	857	861	rBV	2967106	2743572	73.01%	8.875%
9	7.534	920	926	929	rBV	2193012	2240399	59.62%	7.247%
10	8.251	1044	1048	1052	rBV	1257501	1087192	28.93%	3.517%
11	9.328	1225	1231	1234	rBV	3972024	3757567	100.00%	12.155%
12	9.716	1293	1297	1300	rBV	277985	207604	5.52%	0.672%
13	9.928	1329	1333	1336	rBV	96723	68859	1.83%	0.223%
14	10.010	1343	1347	1351	rBV	1261620	1155344	30.75%	3.737%
15	10.428	1416	1418	1421	rVB	123693	87295	2.32%	0.282%
16	10.804	1478	1482	1485	rBV	2213400	2043687	54.39%	6.611%
17	10.904	1496	1499	1508	rVB	87033	102016	2.71%	0.330%
18	11.351	1572	1575	1577	rBV	57999	44458	1.18%	0.144%
19	11.504	1597	1601	1604	rBV	1199378	999016	26.59%	3.232%
20	13.092	1867	1871	1875	rBV	3002087	2852379	75.91%	9.227%
21	13.974	2017	2021	2026	rBV	123964	119776	3.19%	0.387%
22	14.157	2048	2052	2055	rBV	895301	800684	21.31%	2.590%
23	15.692	2308	2313	2321	rBV	526424	699095	18.60%	2.261%

Sum of corrected areas: 30913126

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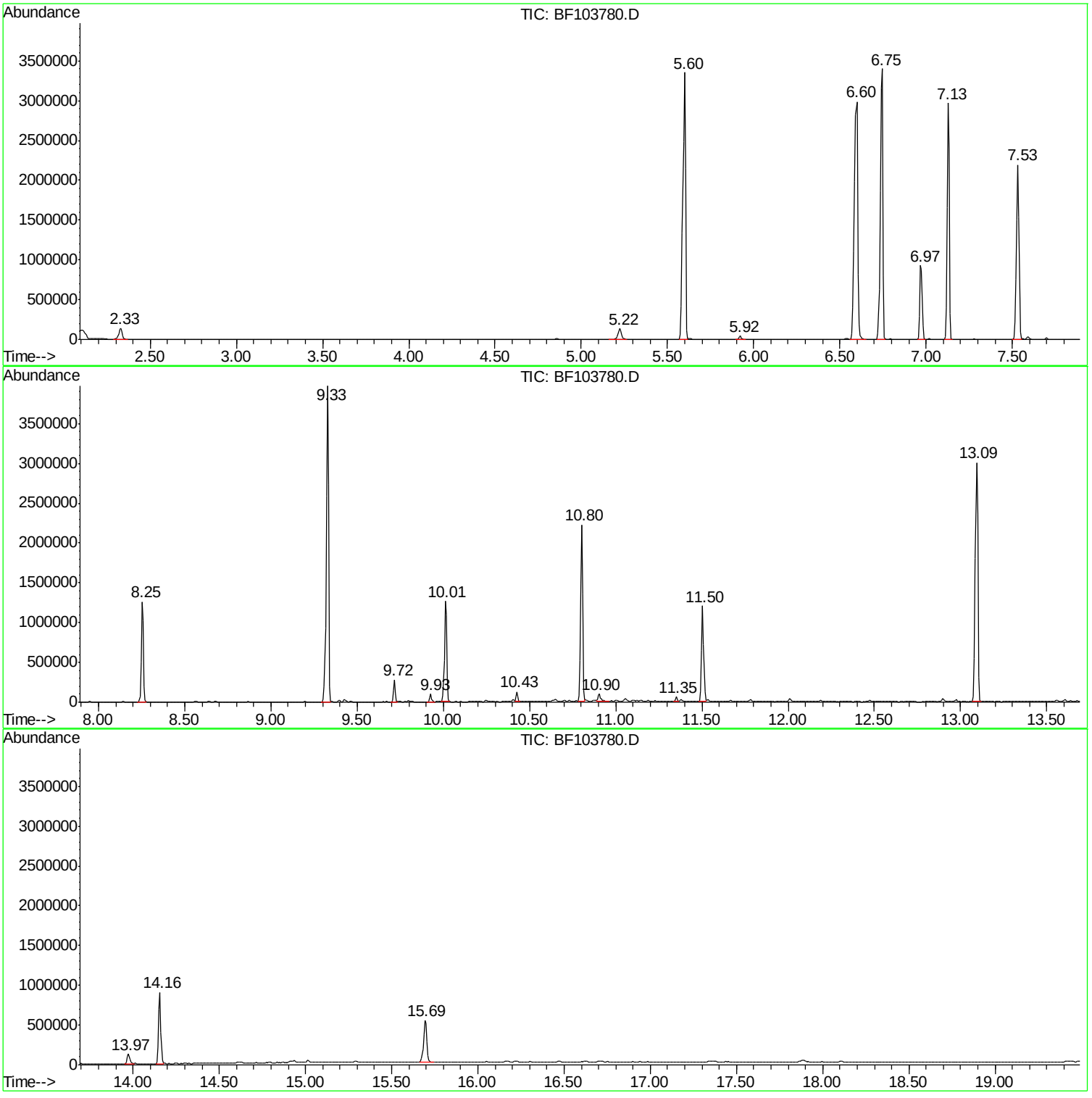
BNA_F
ClientSampleId :
ES-6-SA-1-EW@2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103780.D
Acq On : 20 Mar 2018 2:18
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Sample : J1971-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-6-SA-1-EW@2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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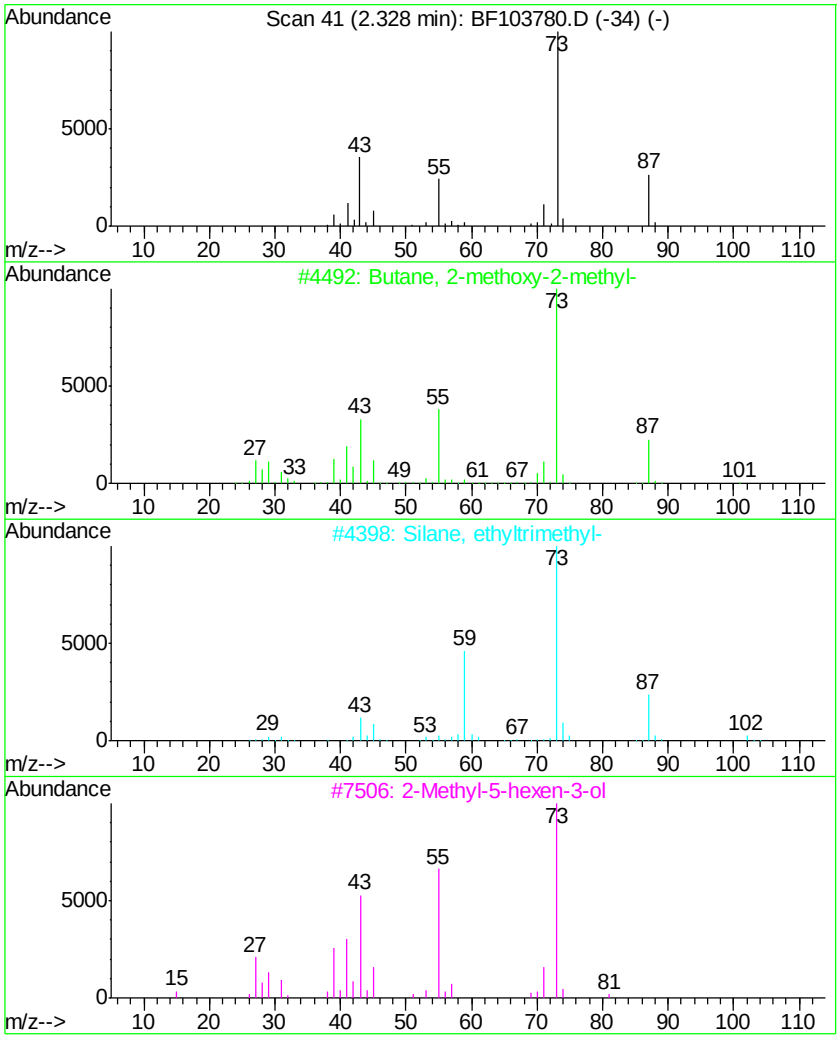
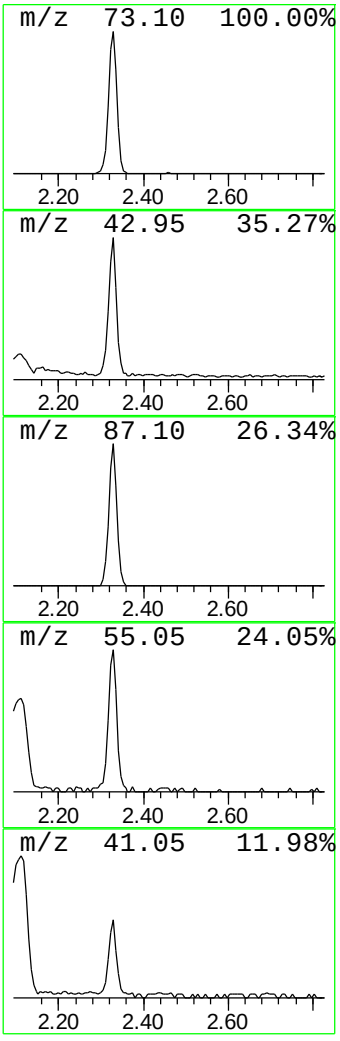
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	4.61 ng	187407	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17





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ClientSampleId : ES-6-SA-1-EW@2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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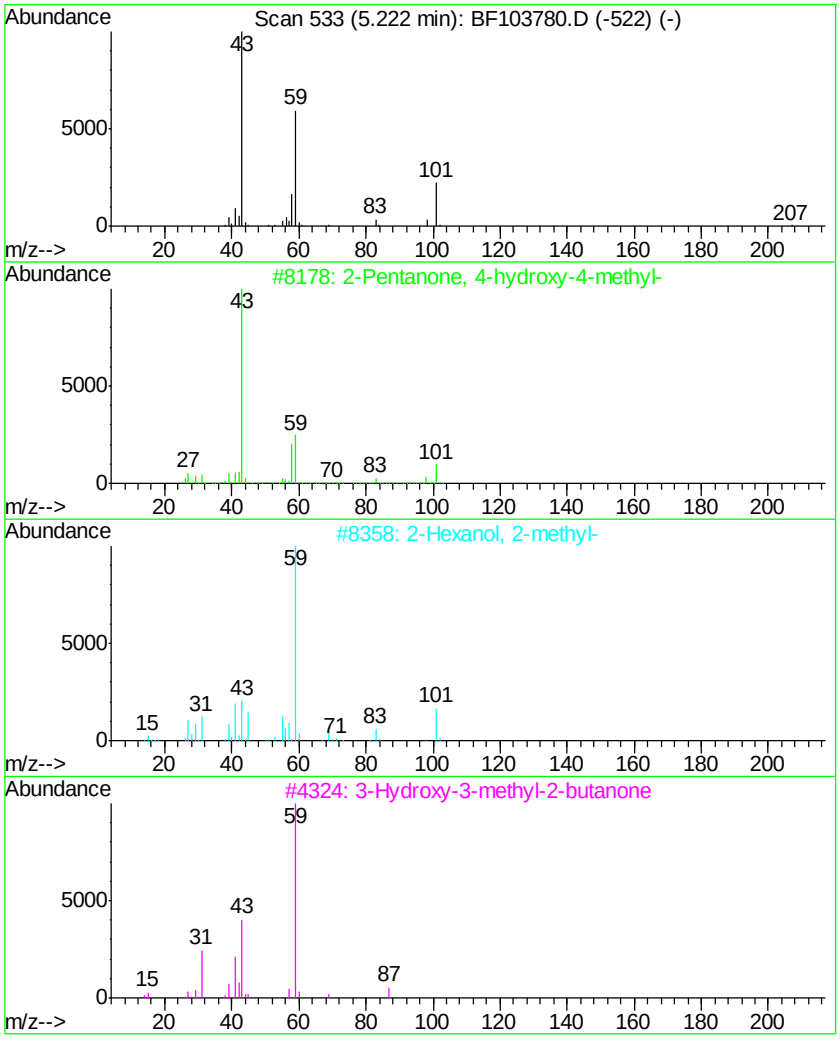
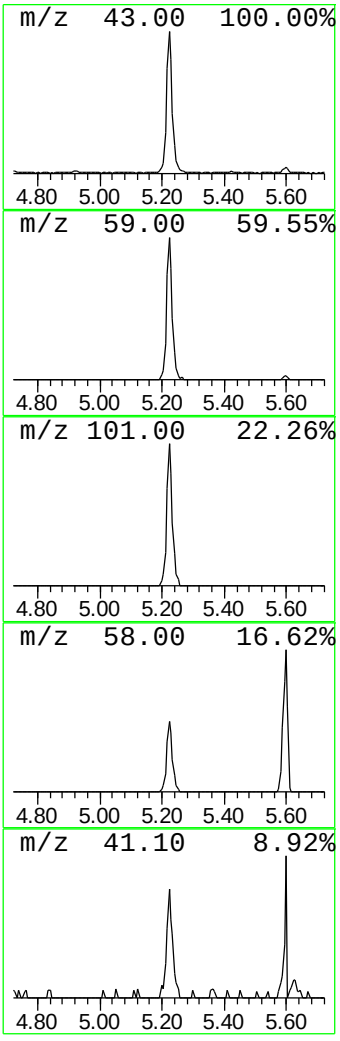
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.34 ng	176471	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	9





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Instrument : BNA_F
ClientSampleId : ES-6-SA-1-EW@2

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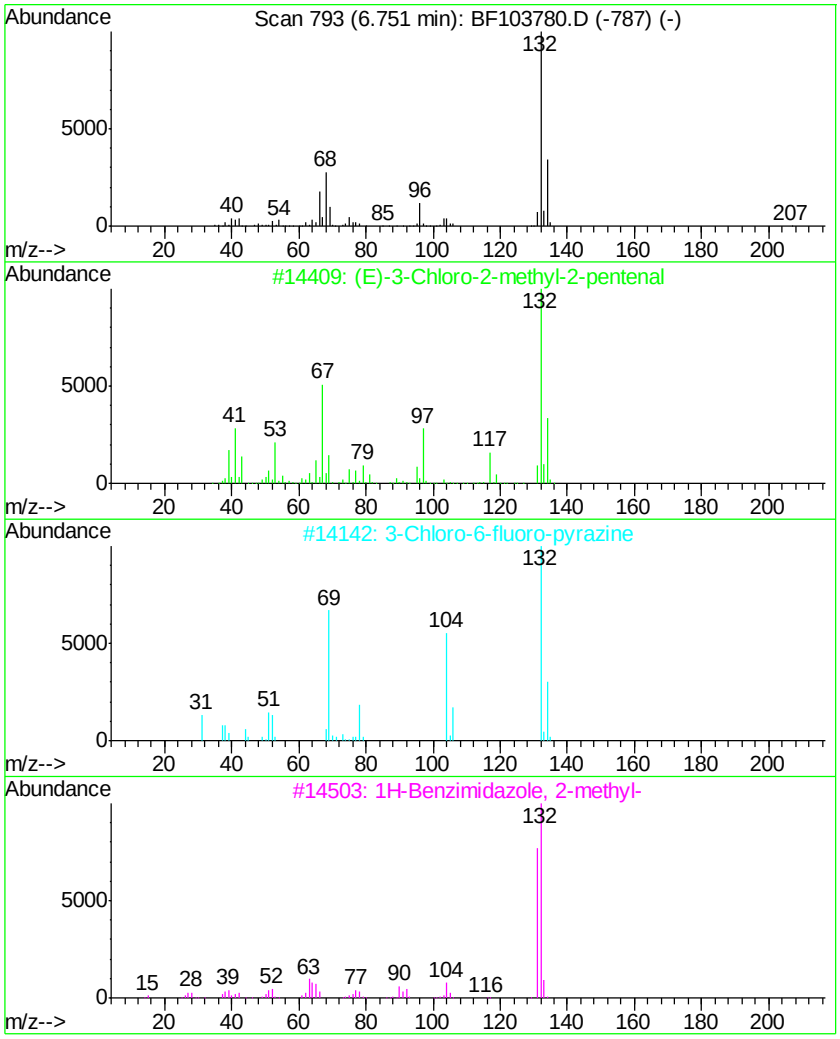
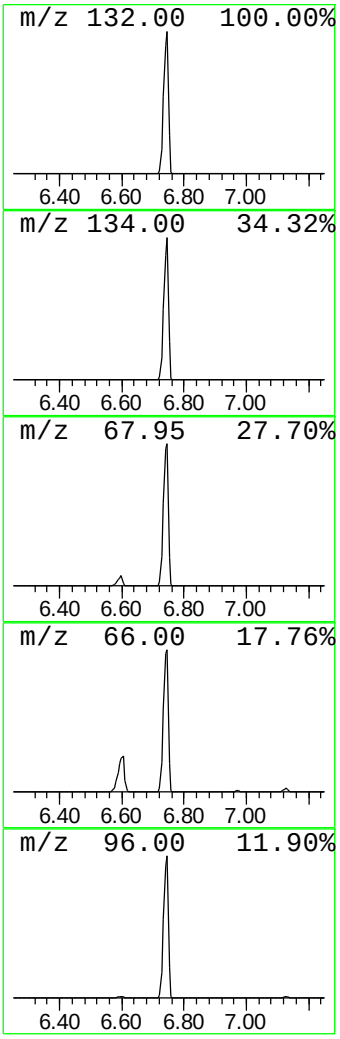
Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	86.30 ng	3505550	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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ClientSampleId : ES-6-SA-1-EW@2

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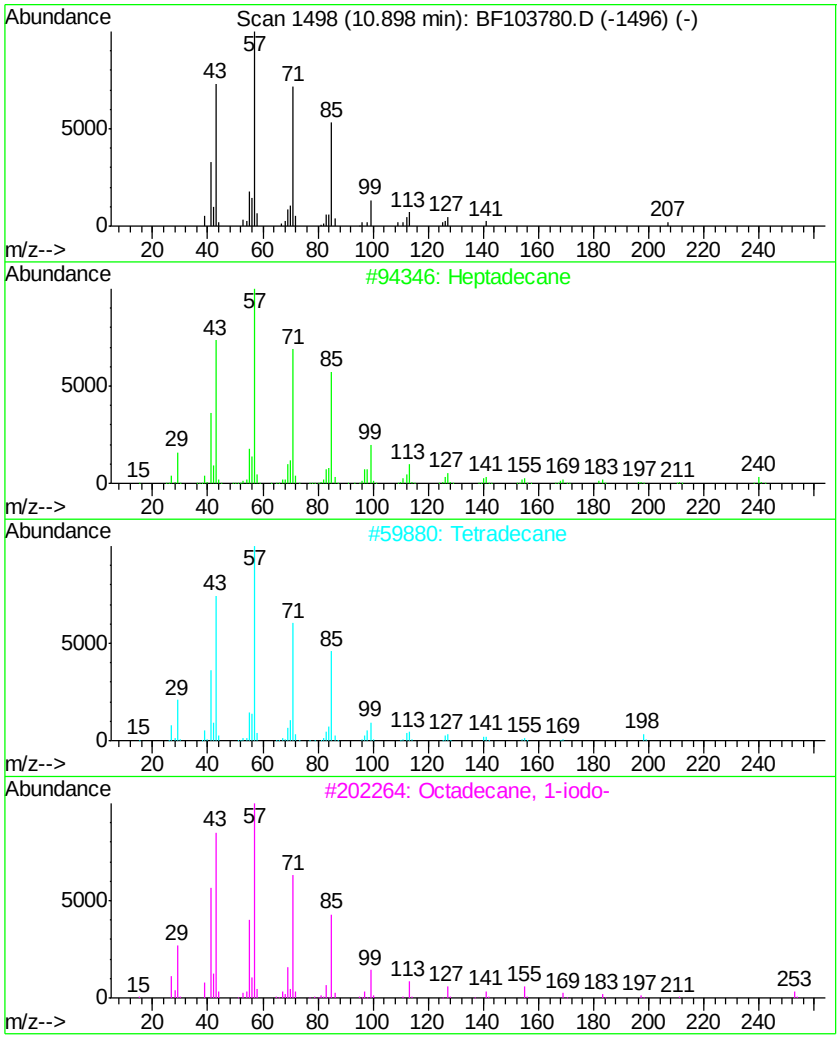
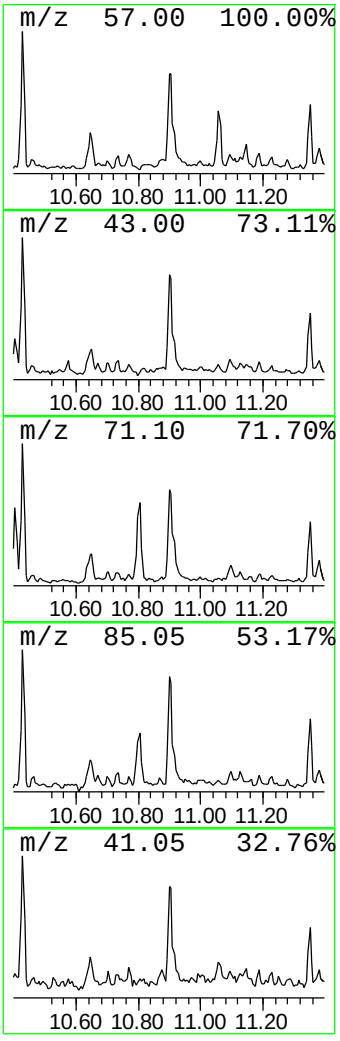
Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.04 ng	102016	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetradecane	198	C14H30	000629-59-4	86
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Pentadecane	212	C15H32	000629-62-9	86





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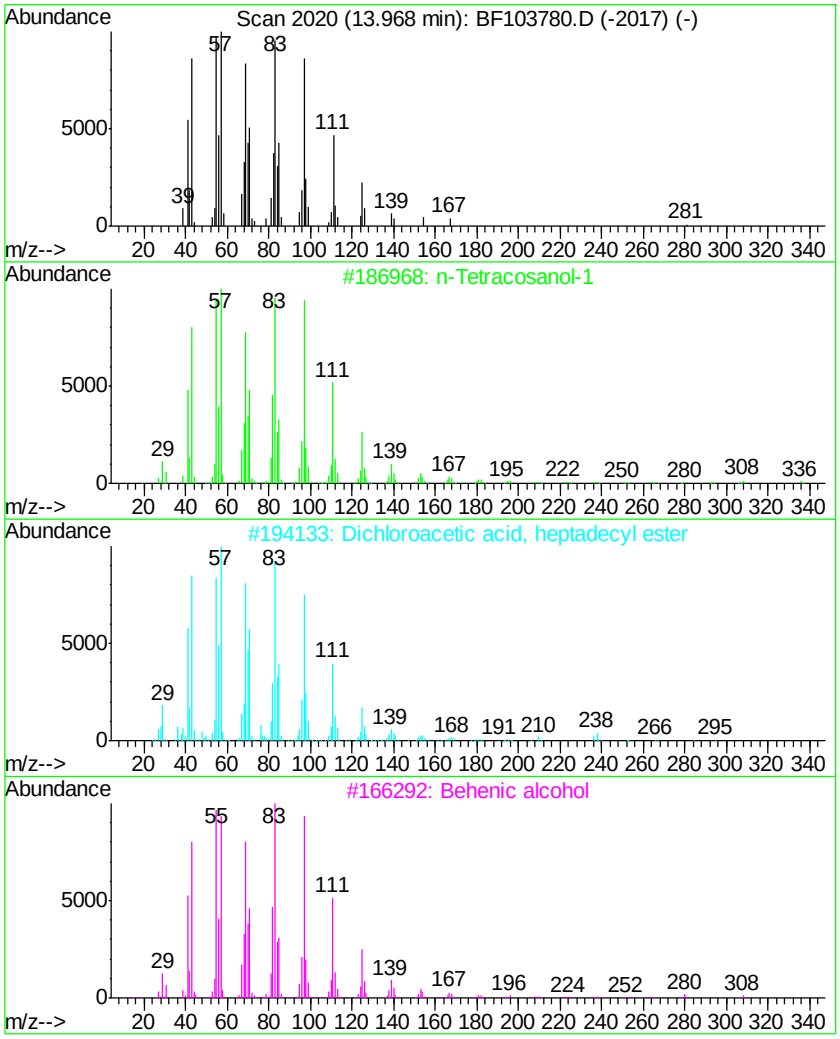
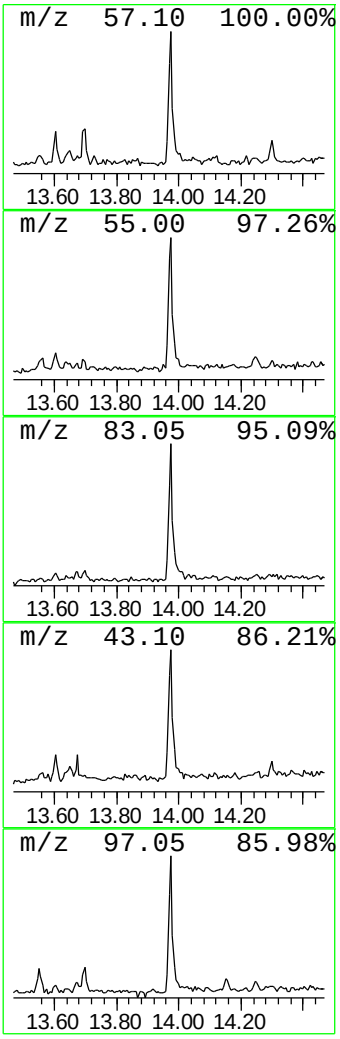
Peak Number 6 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.99 ng	119776	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	94





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
Butane, 2-methoxy...	2.33	4.6	ng	187407	1	6.97	812431	20.0
2-Pentanone, 4-hy...	5.22	4.3	ng	176471	1	6.97	812431	20.0
unknown6.75	6.75	86.3	ng	3505550	1	6.97	812431	20.0
Heptadecane	10.90	2.0	ng	102016	4	11.50	999016	20.0
n-Tetracosanol-1	13.97	3.0	ng	119776	5	14.16	800684	20.0