LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098791.D
Acq On : 25 Sep 2017 19:10
Operator : SJ/JU
Sample : I5395-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-(0-5)

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-BF092317.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	2.240	21	26	34	rVB	99107	134009	3.48%	0.384%
2	5.151	516	521	530	rBV	515285	682367	17.70%	1.955%
3	5.540	581	587	590	rBV	3431771	3610491	93.64%	10.346%
4	6.540	751	757	760	rBV	3350015	3725173	96.62%	10.675%
5	6.687	776	782	785	rBV	3470387	3686754	95.62%	10.565%
6	6.910	817	820	824	rVB	891654	815620	21.15%	2.337%
7	7.069	843	847	851	rVB	2956309	2662765	69.06%	7.630%
8	7.475	910	916	919	rBV	2290428	2283513	59.23%	6.544%
9	8.192	1034	1038	1042	rBV	1203924	1099304	28.51%	3.150%
10	9.269	1216	1221	1224	rBV	3767500	3855587	100.00%	11.049%
11	9.657	1282	1287	1290	rBV	554028	462583	12.00%	1.326%
12	9.951	1332	1337	1341	rVB	1360511	1210903	31.41%	3.470%
13	10.251	1382	1388	1392	rBV	45802	59747	1.55%	0.171%
14	10.375	1403	1409	1411	rBV2	65747	73289	1.90%	0.210%
15	10.739	1465	1471	1474	rBV	2346949	2373293	61.55%	6.801%
16	10.845	1486	1489	1494	rBV	78235	81089	2.10%	0.232%
17	11.292	1562	1565	1567	rBV	46961	42489	1.10%	0.122%
18	11.439	1586	1590	1593	rBV	1418670	1214157	31.49%	3.479%
19	11.951	1674	1677	1681	rBV	133072	129694	3.36%	0.372%
20	13.027	1854	1860	1863	rBV	3521626	3613706	93.73%	10.356%
21	13.904	2006	2009	2013	rBV	259552	237528	6.16%	0.681%
22	14.074	2034	2038	2042	rVB	1317682	1170807	30.37%	3.355%
23	14.539	2112	2117	2121	rBV2	64608	83516	2.17%	0.239%
24	15.192	2224	2228	2230	rBV2	47409	52354	1.36%	0.150%
25	15.568	2286	2292	2300	rBV	835876	1106872	28.71%	3.172%
26	16.027	2366	2370	2375	rBV	74647	102518	2.66%	0.294%
27	16.551	2454	2459	2466	rVB	66010	107909	2.80%	0.309%
28	17.162	2558	2563	2572	rVB2	53699	118261	3.07%	0.339%
29	17.886	2680	2686	2699	rVB2	35705	100056	2.60%	0.287%

Sum of corrected areas: 34896354

LSC Report - Integrated Chromatogram

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Misc :
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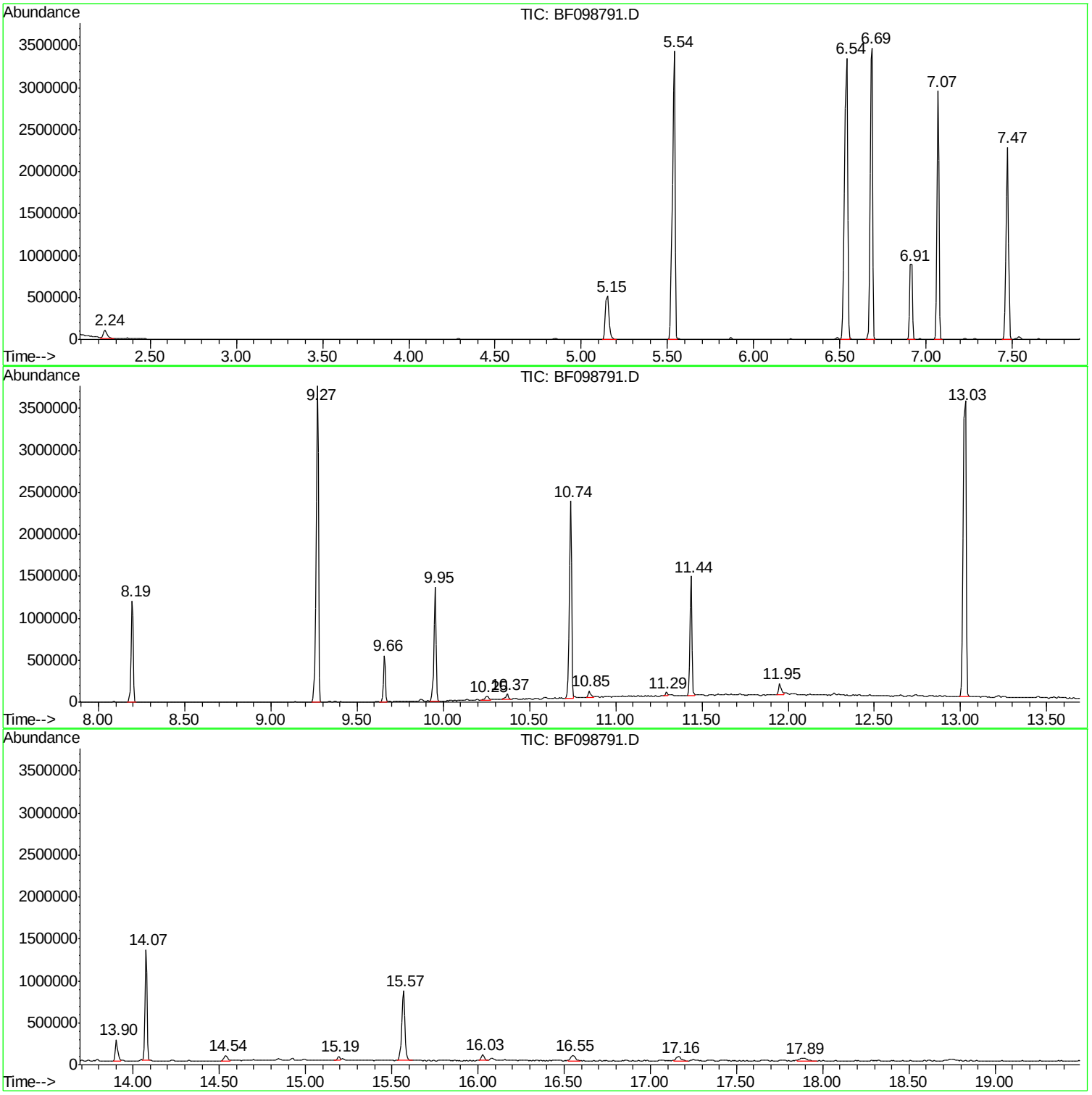
Instrument : BNA_F
ClientSampleId : TP-2-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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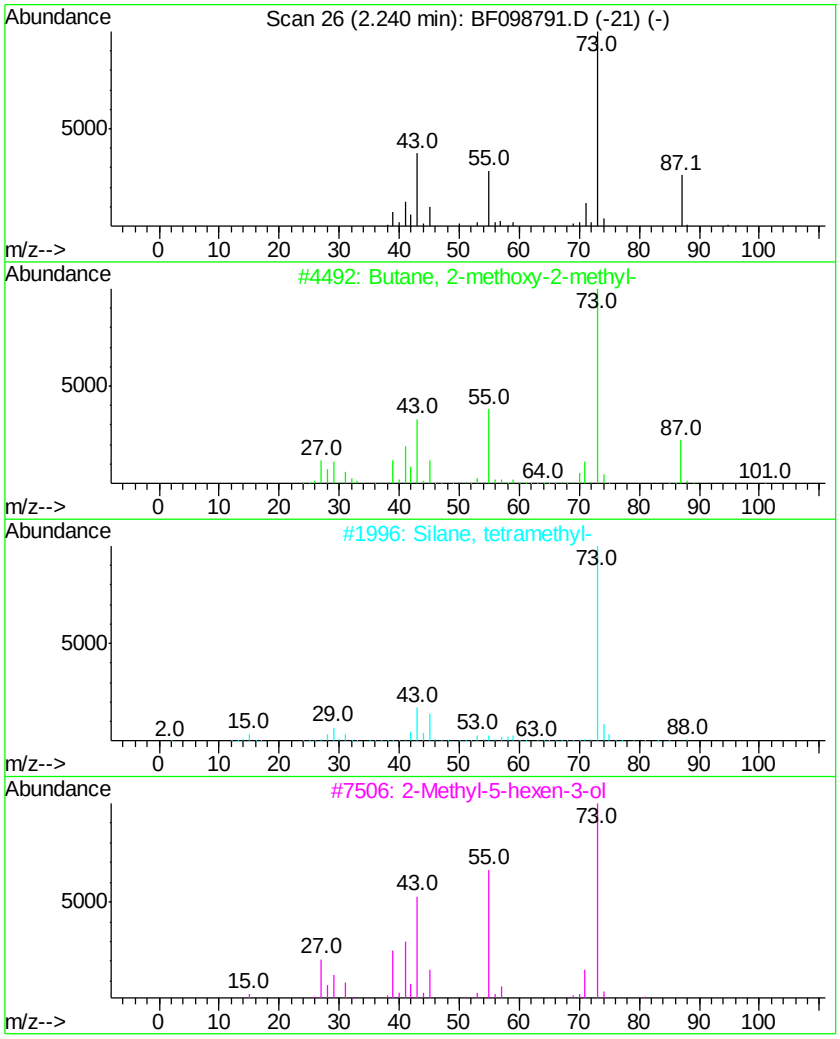
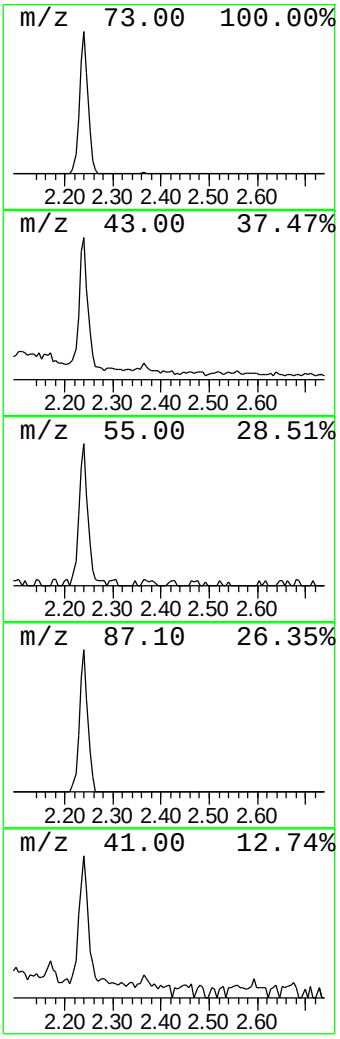
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	3.29 ng	134009	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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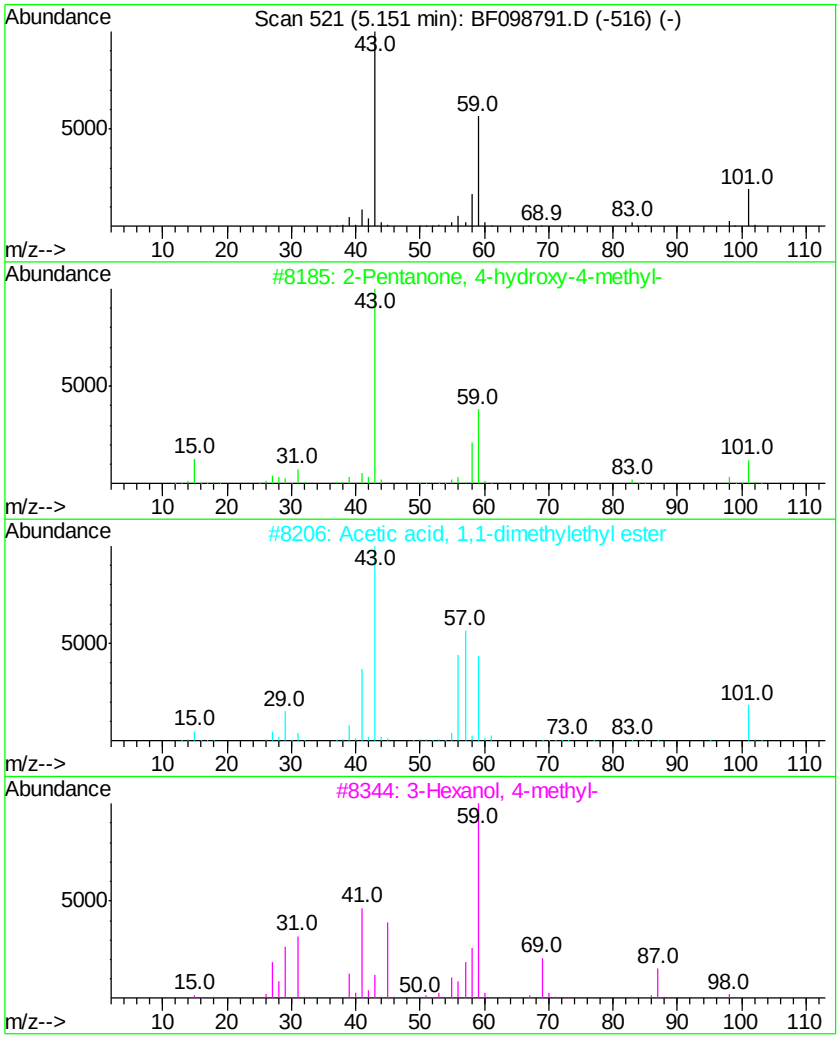
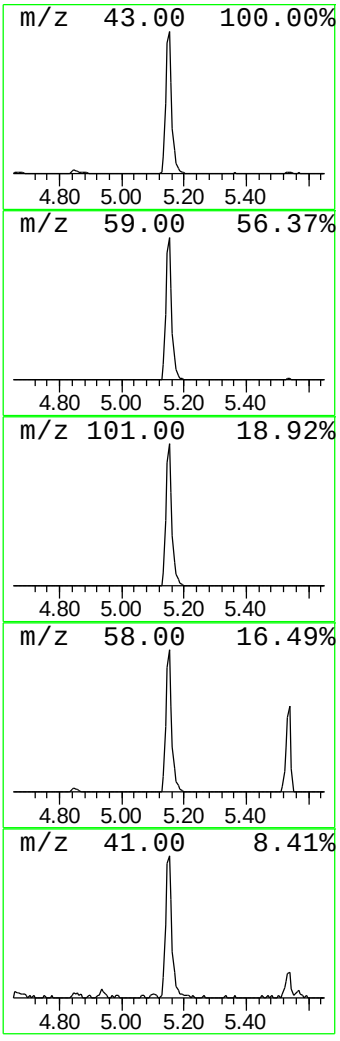
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	16.73 ng	682367	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Sample : I5395-10
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Instrument : BNA_F
ClientSampleId : TP-2-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
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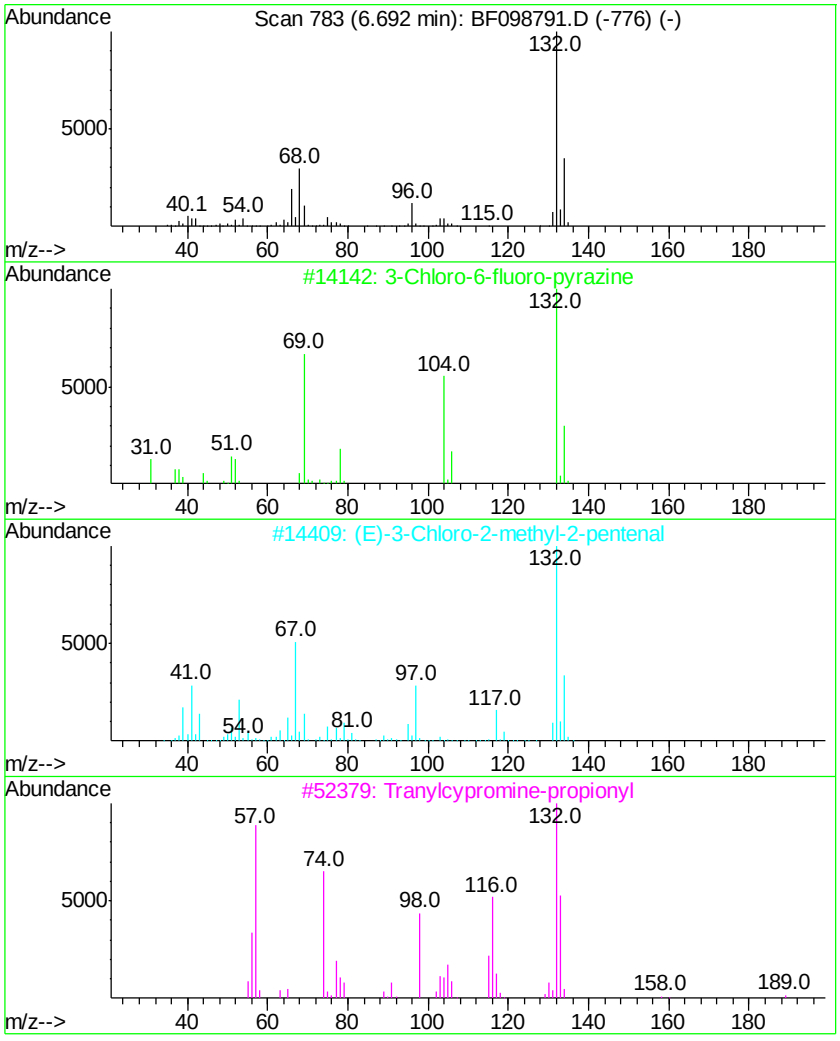
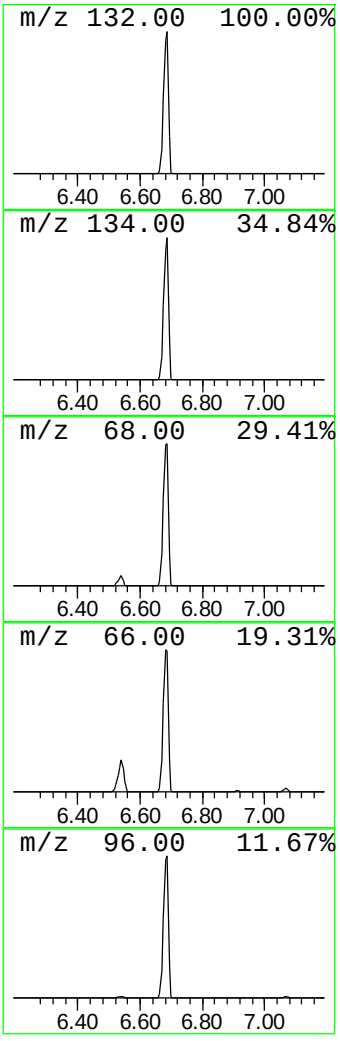
Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	90.40 ng	3686750	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

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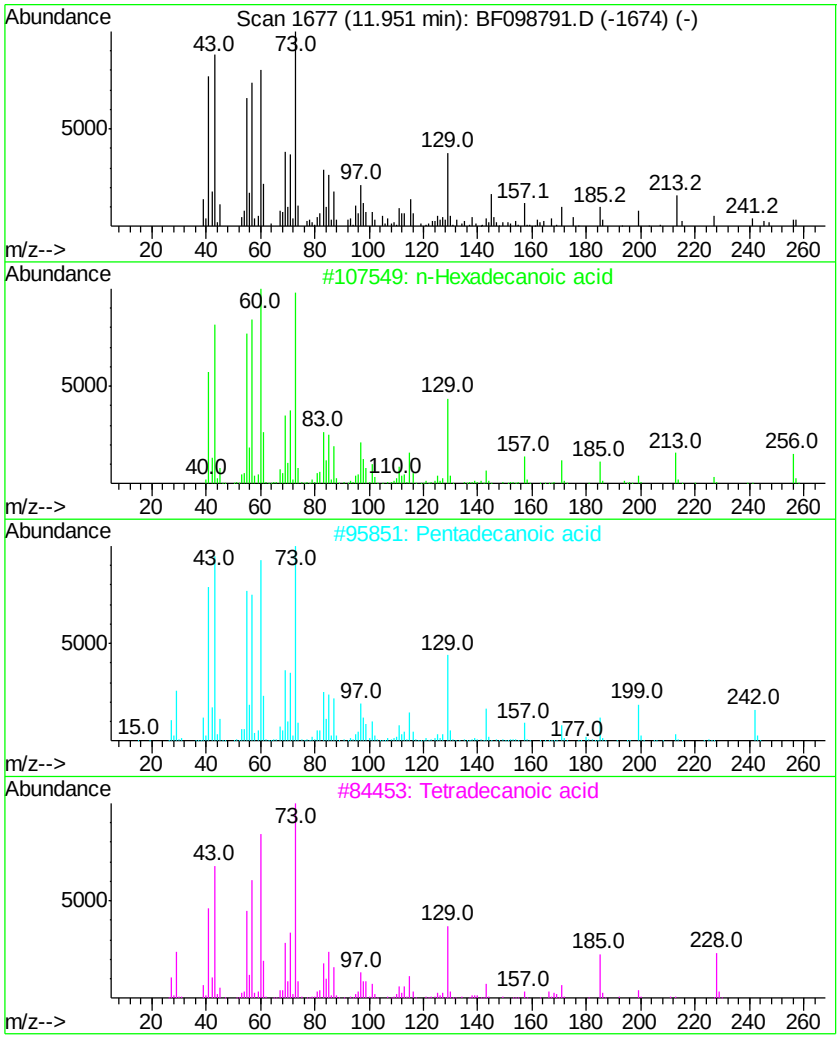
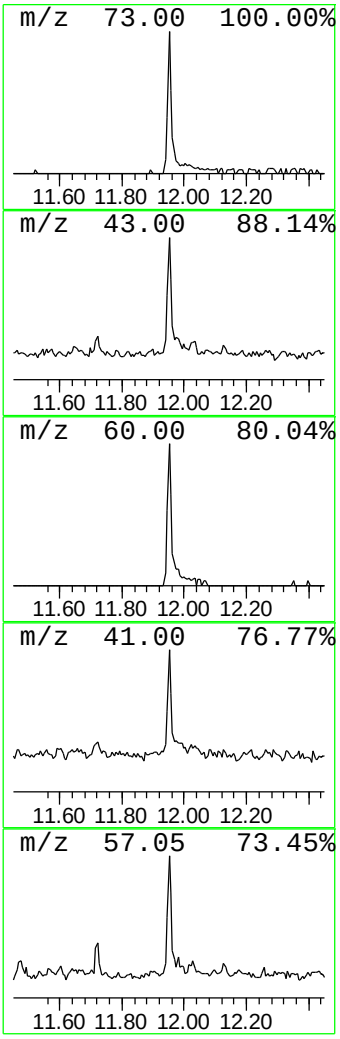
Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.14 ng	129694	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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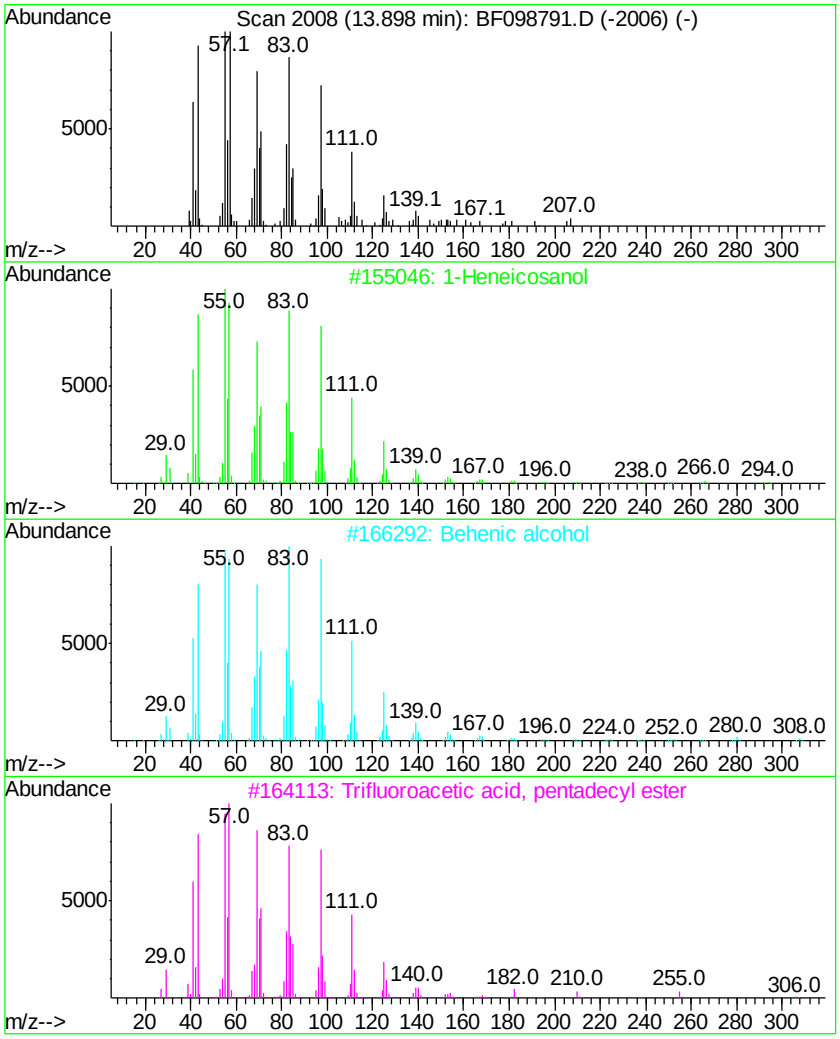
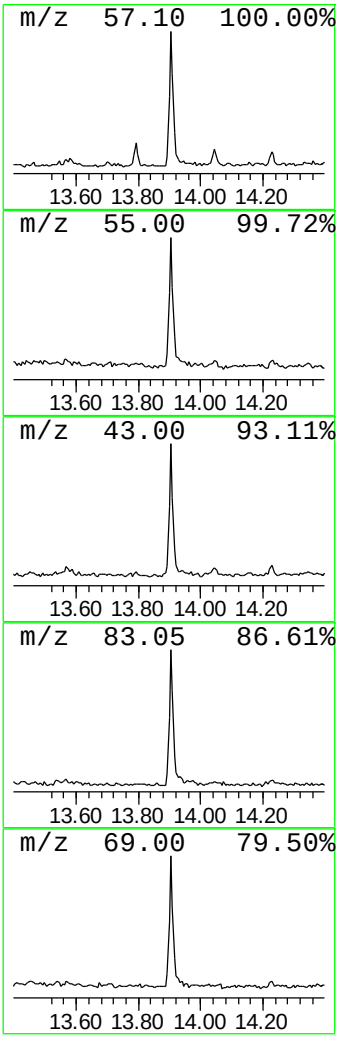
****

Peak Number 6 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	4.06 ng	237528	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





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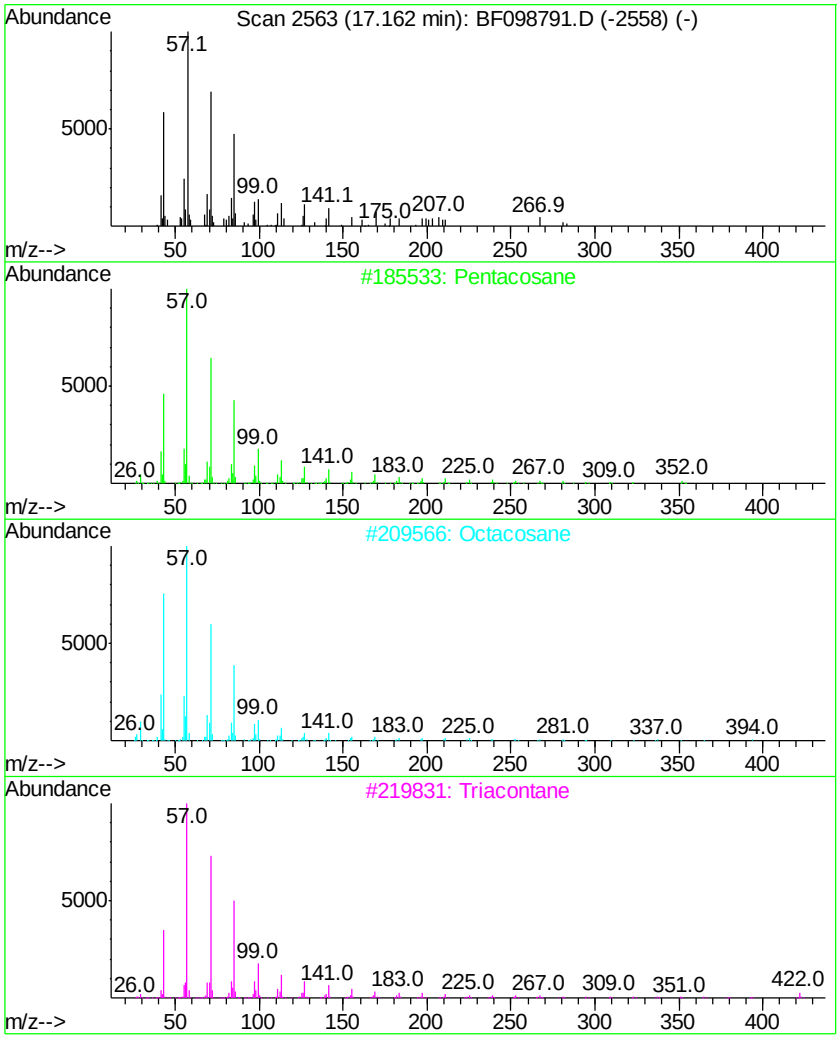
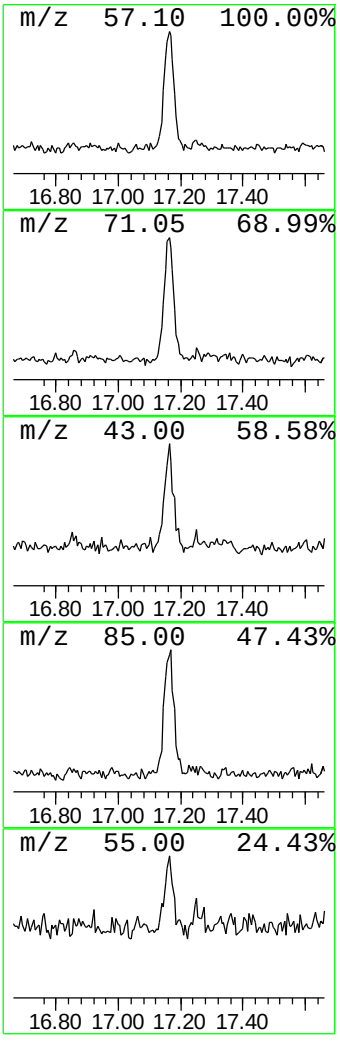
Peak Number 7 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	2.14 ng	118261	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Nonacosane	408	C29H60	000630-03-5	86





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...	2.24	3.3	ng	134009	1	6.92	815620	20.0
2-Pentanone, 4-hy...	5.15	16.7	ng	682367	1	6.92	815620	20.0
unknown6.69	6.69	90.4	ng	3686750	1	6.92	815620	20.0
n-Hexadecanoic acid	11.95	2.1	ng	129694	4	11.44	1214160	20.0
1-Heneicosanol	13.90	4.1	ng	237528	5	14.07	1170810	20.0
Pentacosane	17.16	2.1	ng	118261	6	15.57	1106870	20.0