LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089216.D
Acq On : 23 Jul 2016 3:13
Operator : UM/SJ
Sample : H4129-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-13-6.0-8.0

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-BF072016.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	1.712	9	11	28	rVB	826709	1443495	83.73%	9.227%
2	4.707	272	273	282	rBV	36986	73376	4.26%	0.469%
3	5.164	311	313	334	rBV	1061540	1395131	80.92%	8.918%
4	6.239	404	407	414	rBV	1143820	1488000	86.31%	9.512%
5	6.353	414	417	435	rVV	1035388	1581021	91.71%	10.107%
6	6.581	435	437	448	rVB	199334	261532	15.17%	1.672%
7	6.730	448	450	461	rBV	917800	1013447	58.78%	6.478%
8	7.153	484	487	496	rBV	697503	936547	54.32%	5.987%
9	7.279	496	498	505	rVB	10760	23385	1.36%	0.149%
10	7.862	547	549	559	rBV	352125	385474	22.36%	2.464%
11	8.947	641	644	646	rBV	1296370	1724018	100.00%	11.021%
12	9.073	653	655	667	rVB	14794	20799	1.21%	0.133%
13	9.347	676	679	681	rBV	525409	578867	33.58%	3.700%
14	9.610	699	702	704	rBV	416666	433949	25.17%	2.774%
15	10.399	768	771	781	rBV	937353	1125809	65.30%	7.197%
16	10.536	781	783	789	rVB	14081	26266	1.52%	0.168%
17	10.616	789	790	795	rBV	14523	18407	1.07%	0.118%
18	11.085	829	831	835	rBV	442909	451640	26.20%	2.887%
19	11.336	851	853	857	rBV2	28542	59890	3.47%	0.383%
20	11.405	857	859	861	rVB	16240	21107	1.22%	0.135%
21	11.633	877	879	883	rBV2	13370	18849	1.09%	0.120%
22	12.171	921	926	927	rBV	14624	32045	1.86%	0.205%
23	12.674	967	970	972	rBV	1266137	1672309	97.00%	10.690%
24	13.234	1018	1019	1025	rVB2	17056	18319	1.06%	0.117%
25	13.588	1047	1050	1053	rBV2	47629	120152	6.97%	0.768%
26	13.645	1053	1055	1057	rVV3	22722	33795	1.96%	0.216%
27	13.702	1057	1060	1066	rVB	402349	395616	22.95%	2.529%
28	15.051	1175	1178	1185	rVB	184036	290304	16.84%	1.856%

Sum of corrected areas: 15643549

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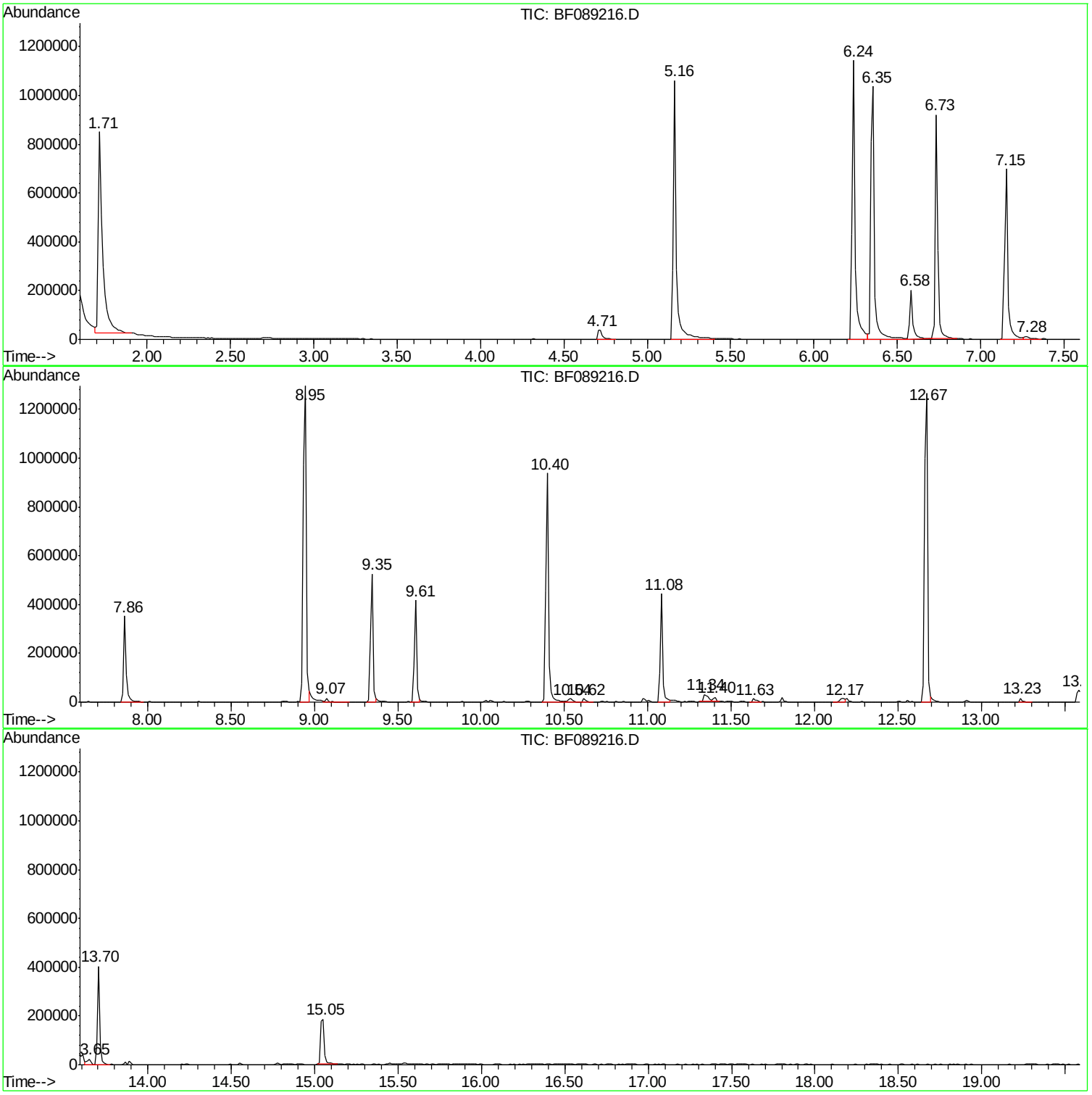
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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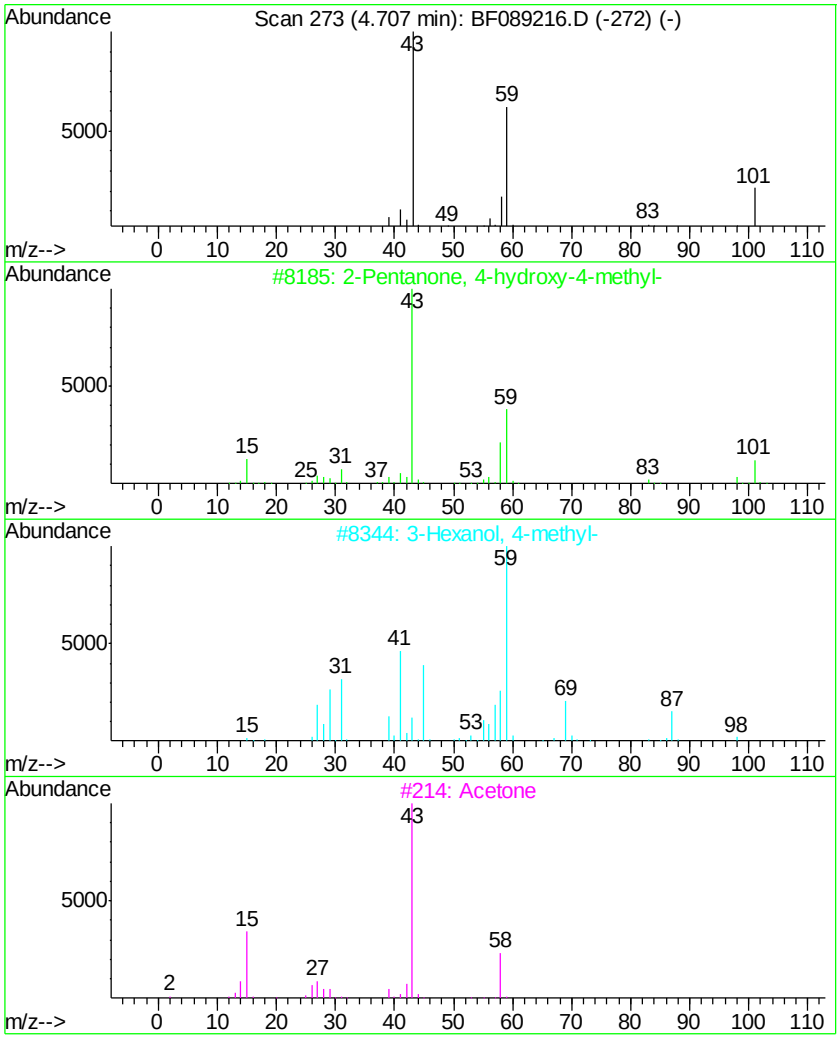
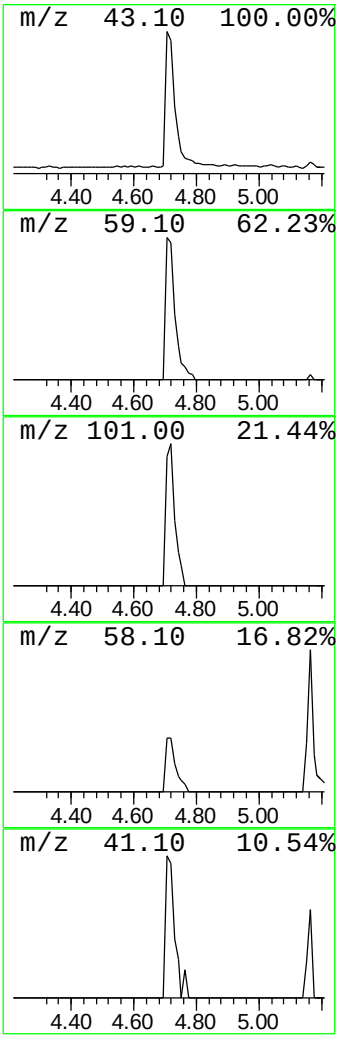
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	5.61 ng	73376	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetone	58	C3H6O	000067-64-1	9
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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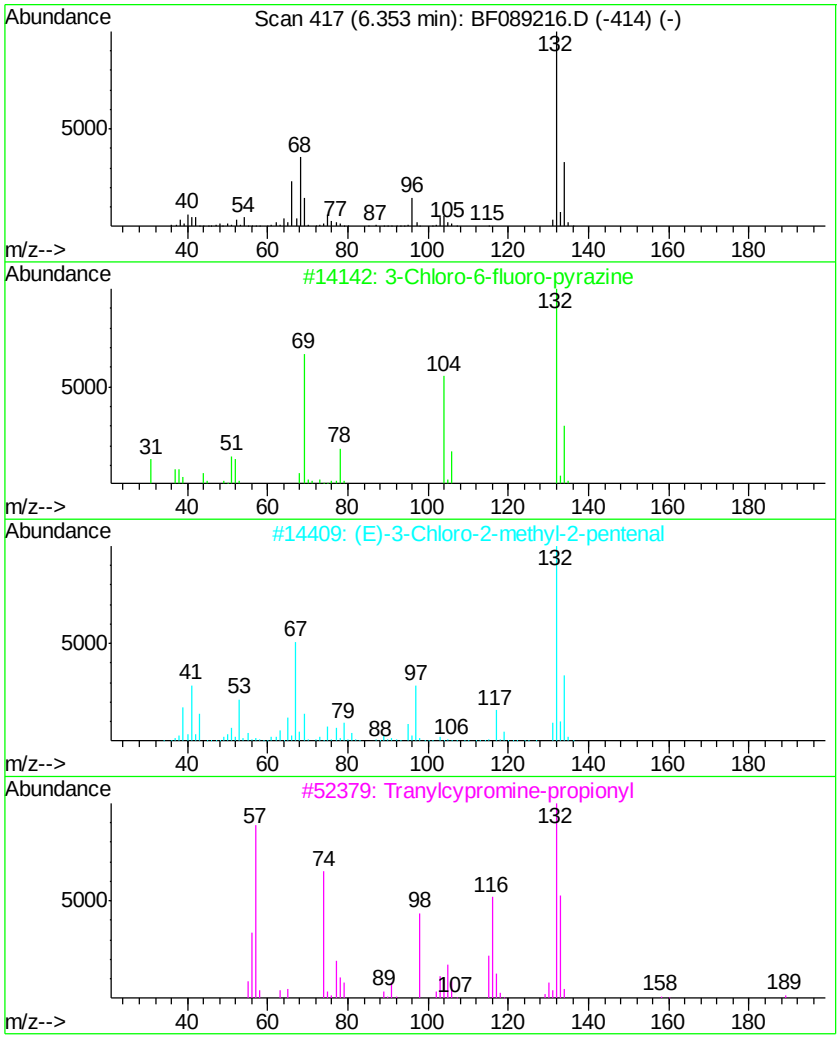
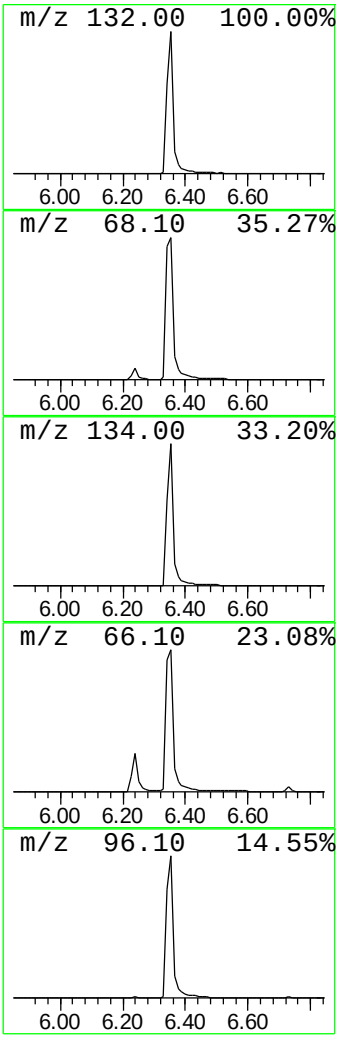
Peak Number 3 unknown6.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	120.91 ng	1581020	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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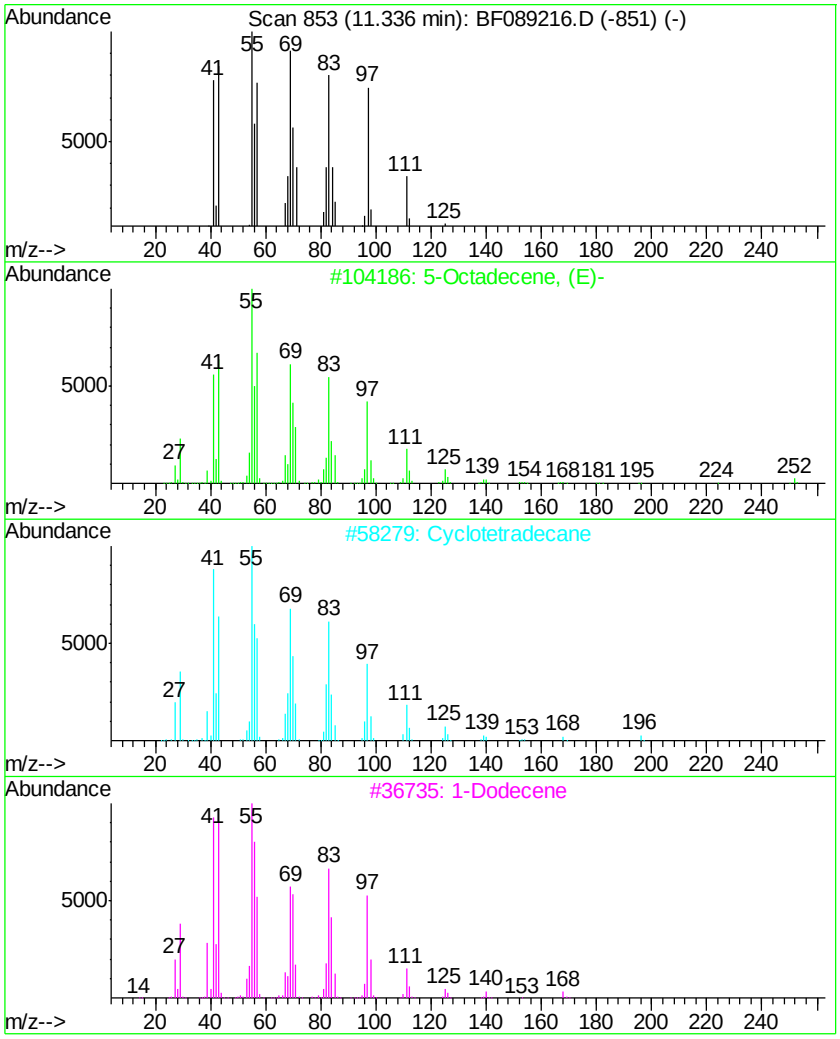
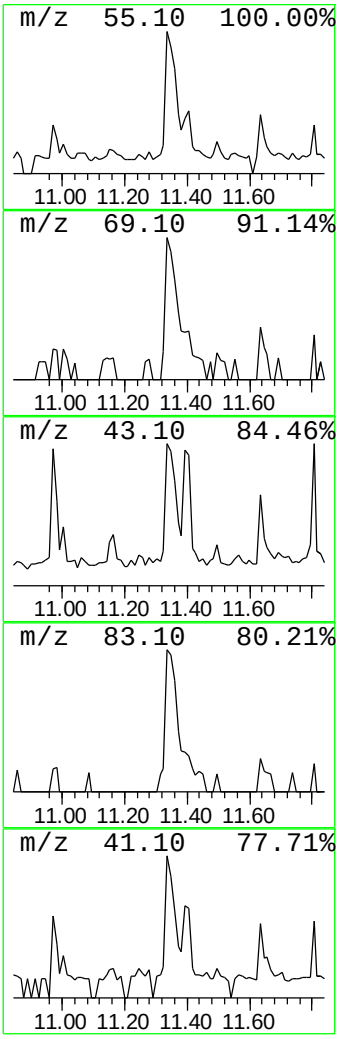
Peak Number 5 5-Octadecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.65 ng	59890	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
2	Cyclotetradecane	196	C14H28	000295-17-0	58
3	1-Dodecene	168	C12H24	000112-41-4	47
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	46
5	1H-Imidazole, 4,5-dihydro-2-(1-m...	112	C6H12N2	040029-86-5	38





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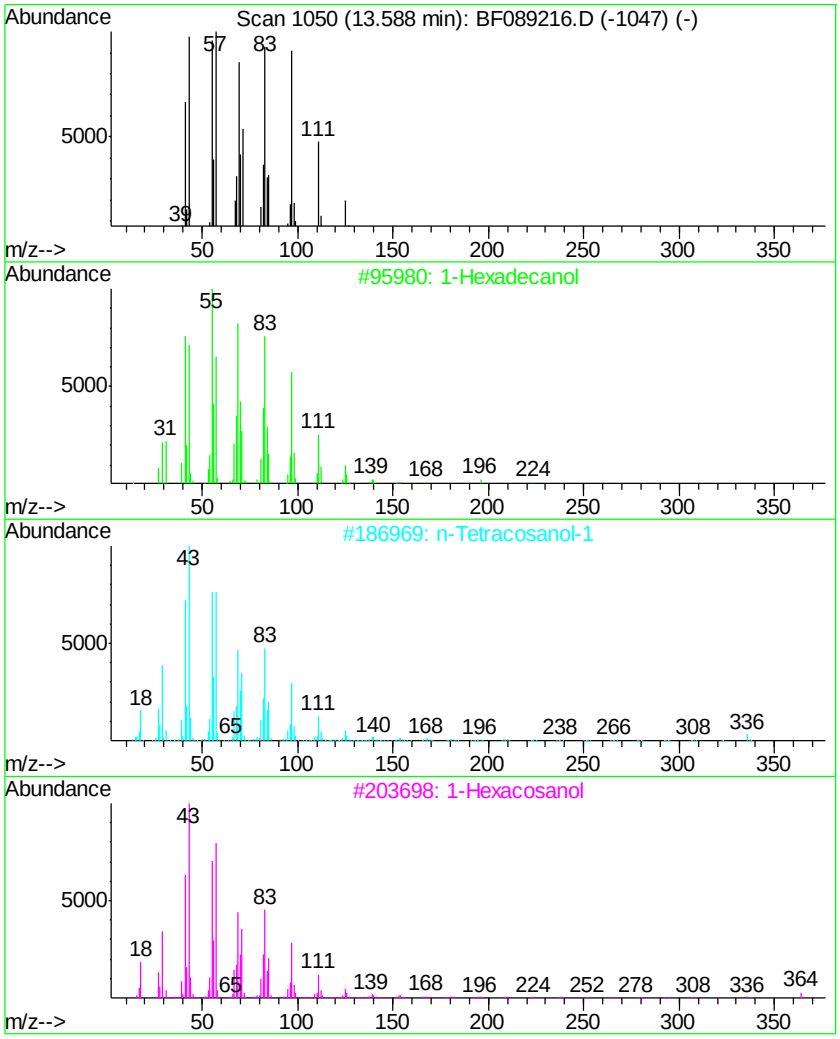
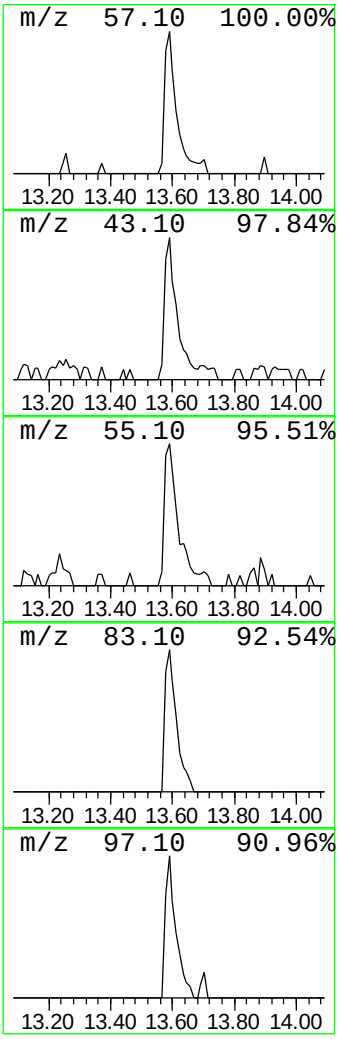
Peak Number 6 1-Hexadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	6.07 ng	120152	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	90
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
3	1-Hexacosanol	382	C26H54O	000506-52-5	87
4	11-Tricosene	322	C23H46	052078-56-5	64
5	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	53





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.71	5.6	ng	73376	1	6.58	261532	20.0
unknown6.35	6.35	120.9	ng	1581020	1	6.58	261532	20.0
5-Octadecene, (E)-	11.34	2.6	ng	59890	4	11.08	451640	20.0
1-Hexadecanol	13.59	6.1	ng	120152	5	13.70	395616	20.0