LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087590.D
Acq On : 31 May 2016 20:14
Operator : UM/SJ
Sample : H3222-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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-BF052316.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	4.741	274	276	291	rBV	14945	84234	2.00%	0.282%
2	5.370	328	331	350	rBV	366163	1485698	35.35%	4.976%
3	7.027	473	476	480	rBV	282799	604286	14.38%	2.024%
4	7.096	480	482	511	rVB	1715804	3498572	83.24%	11.718%
5	7.450	511	513	524	rBV	426782	861287	20.49%	2.885%
6	7.679	530	533	549	rVB	1450489	2724998	64.83%	9.127%
7	8.365	591	593	616	rBV	1420971	2607237	62.03%	8.733%
8	9.485	688	691	706	rBV	426437	1115635	26.54%	3.737%
9	11.245	842	845	861	rBV	2905170	4203002	100.00%	14.078%
10	11.988	908	910	919	rBV	26956	80647	1.92%	0.270%
11	12.297	935	937	952	rBV	821927	1220766	29.05%	4.089%
12	13.599	1048	1051	1071	rBV	1485389	2795909	66.52%	9.365%
13	14.708	1146	1148	1165	rVB	635486	1242556	29.56%	4.162%
14	15.234	1191	1194	1199	rBV	48198	156601	3.73%	0.525%
15	15.703	1232	1235	1238	rBV2	39625	68846	1.64%	0.231%
16	16.423	1295	1298	1308	rBV2	74409	280118	6.66%	0.938%
17	16.811	1328	1332	1337	rBV2	35940	106171	2.53%	0.356%
18	16.903	1337	1340	1342	rVV	33380	42462	1.01%	0.142%
19	16.971	1343	1346	1348	rVV	55852	67433	1.60%	0.226%
20	17.063	1351	1354	1364	rBV	3343624	4018377	95.61%	13.459%
21	17.440	1385	1387	1390	rBV	127824	139280	3.31%	0.467%
22	17.703	1408	1410	1414	rBV2	28537	53507	1.27%	0.179%
23	17.886	1423	1426	1428	rBV	104792	119588	2.85%	0.401%
24	18.309	1461	1463	1465	rBV	39527	71641	1.70%	0.240%
25	18.434	1472	1474	1496	rVB	497397	1248292	29.70%	4.181%
26	20.114	1619	1621	1641	rBV	340788	958304	22.80%	3.210%

Sum of corrected areas: 29855447

LSC Report - Integrated Chromatogram

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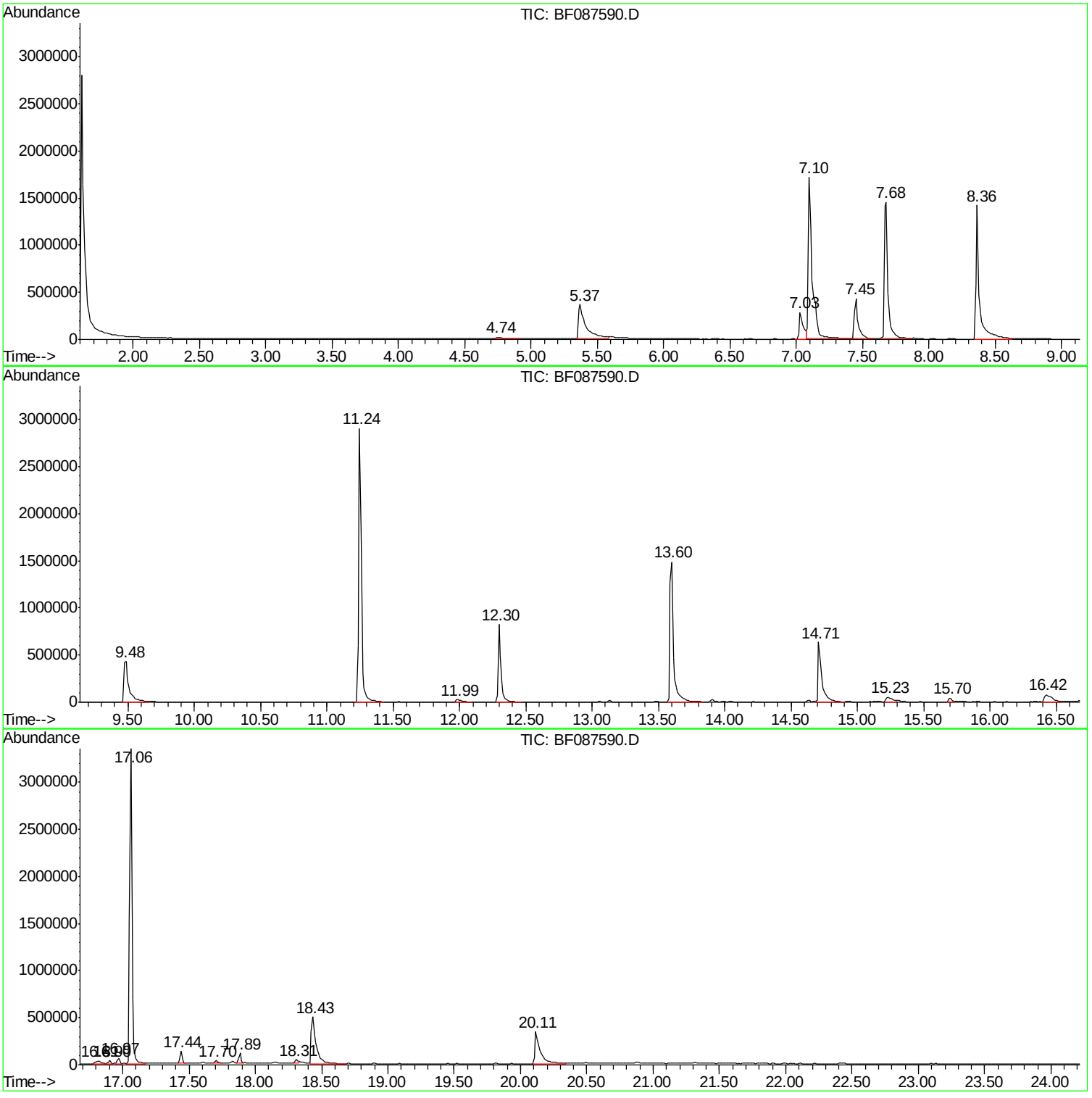
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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Operator : UM/SJ
Sample : H3222-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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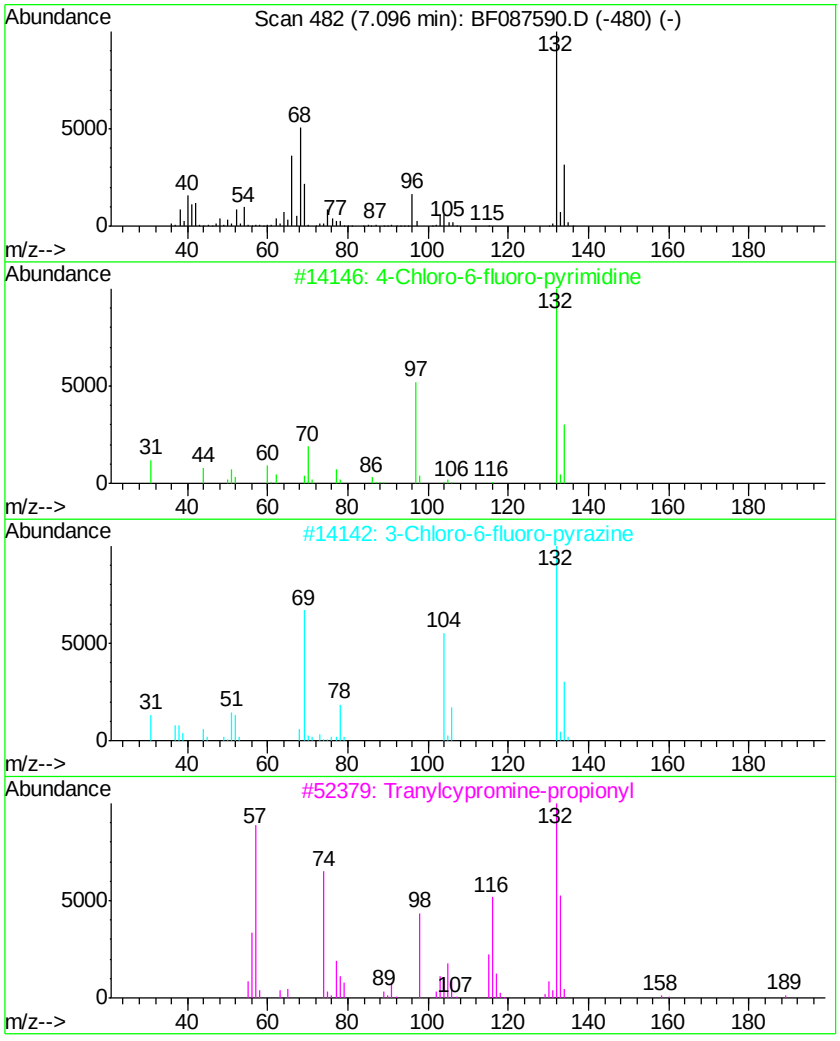
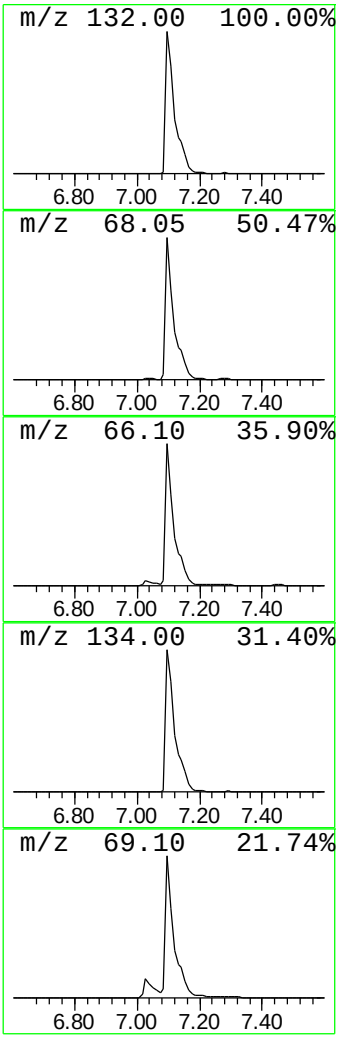
Peak Number 1 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	81.24 ng	3498570	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1H-Indazole, 4-methyl-	132	C8H8N2	1000316-00-9	12





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ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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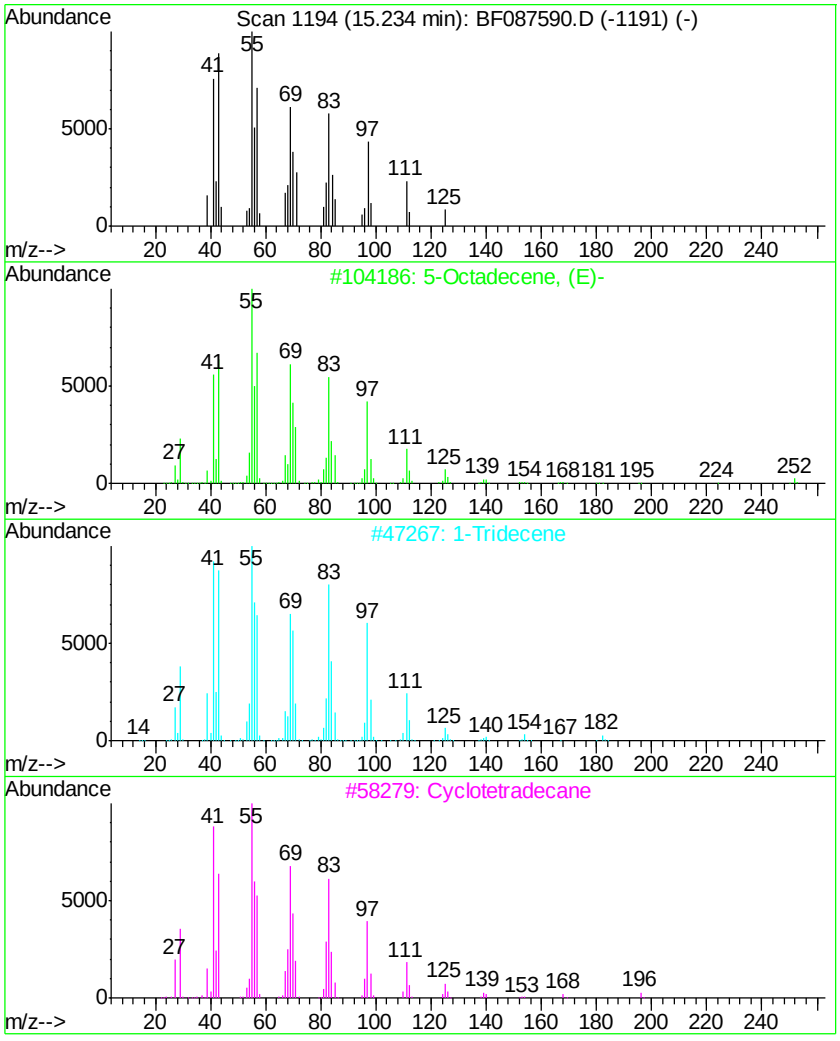
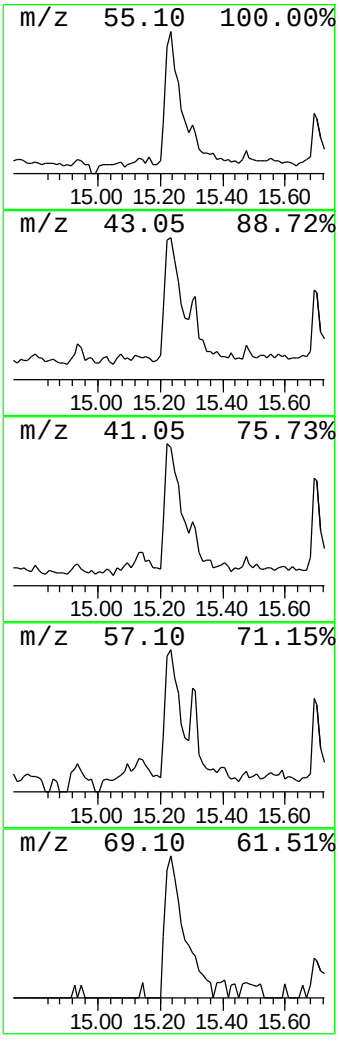
Peak Number 3 5-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.52 ng	156601	Phenanthrene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
2	1-Tridecene	182	C13H26	002437-56-1	80
3	Cyclotetradecane	196	C14H28	000295-17-0	74
4	1-Dodecene	168	C12H24	000112-41-4	64
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	55





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Sample : H3222-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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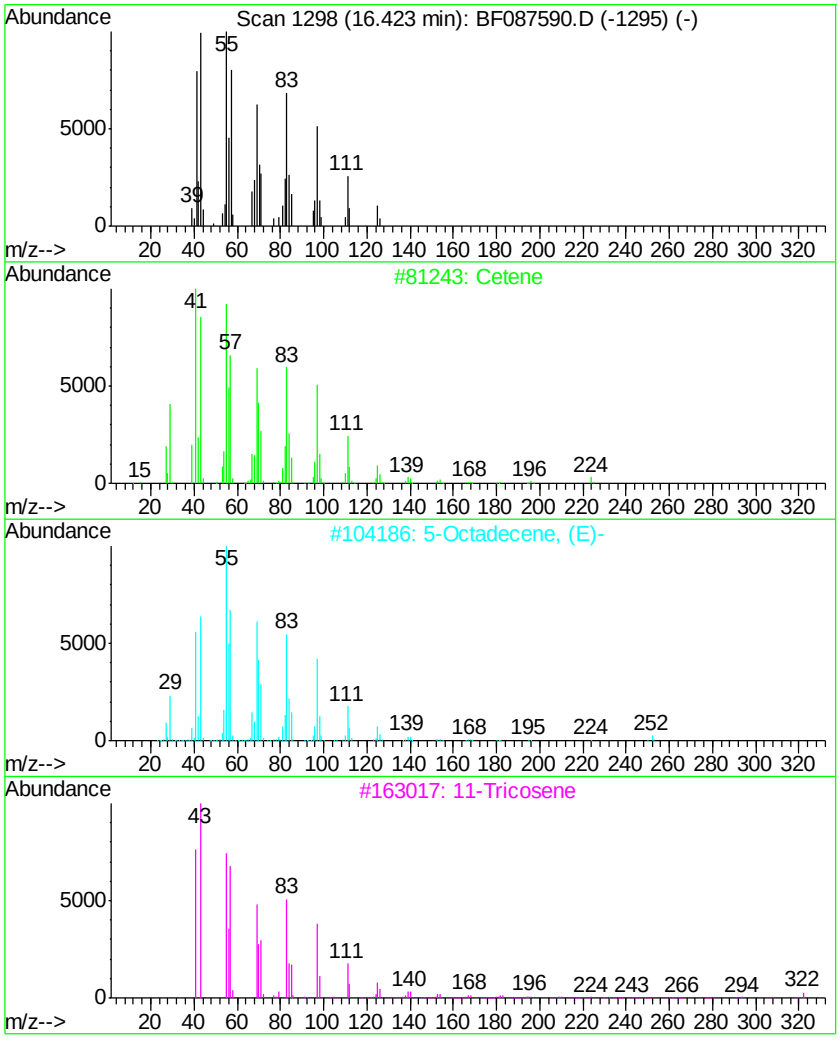
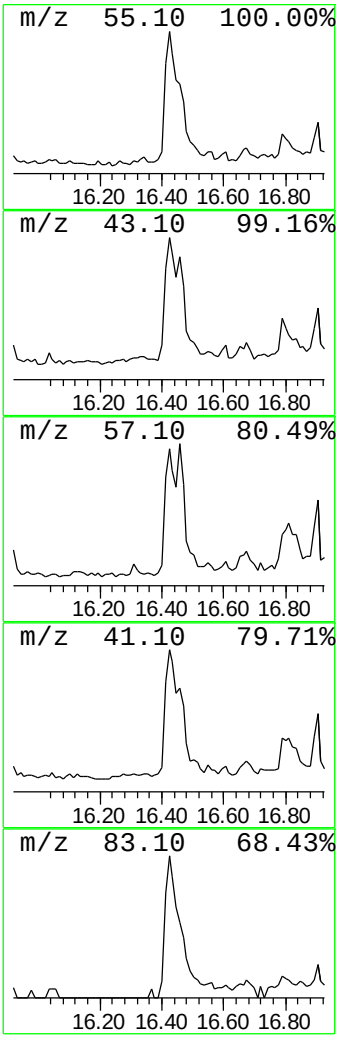
Peak Number 4 Cetene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	4.51 ng	280118	Phenanthrene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	91
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3	11-Tricosene	322	C23H46	052078-56-5	87
4	1-Hexacosanol	382	C26H54O	000506-52-5	86
5	1-Hexadecanol	242	C16H34O	036653-82-4	83





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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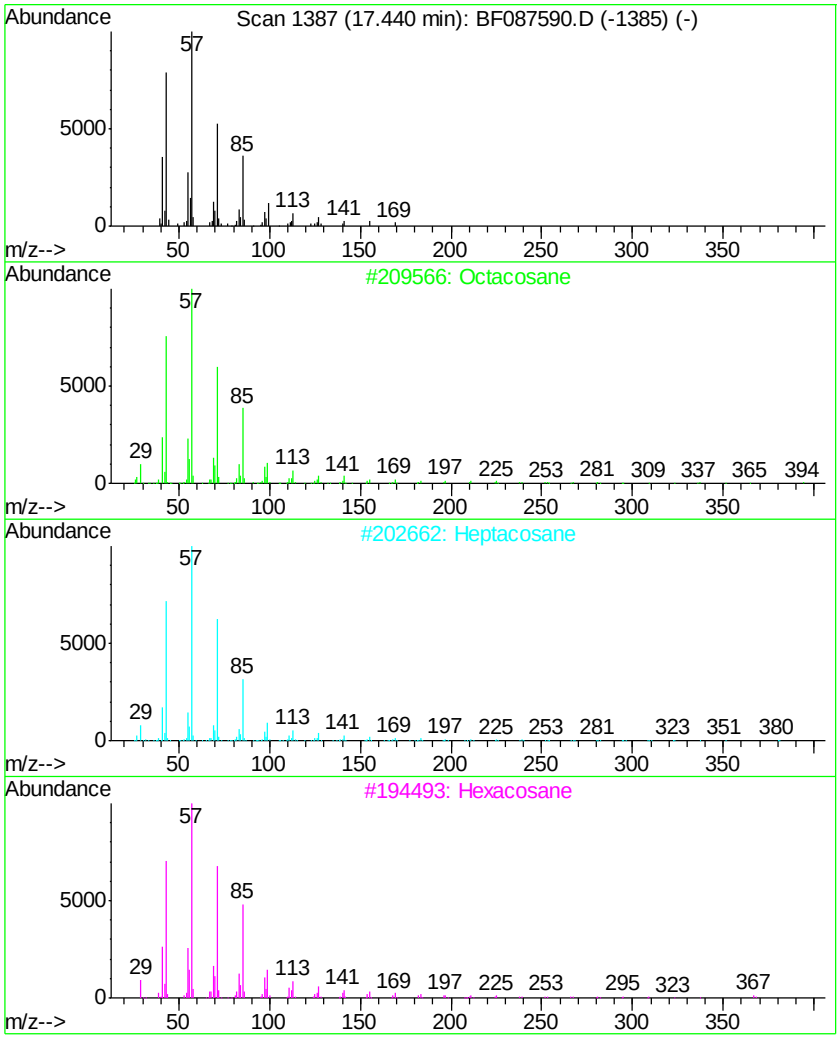
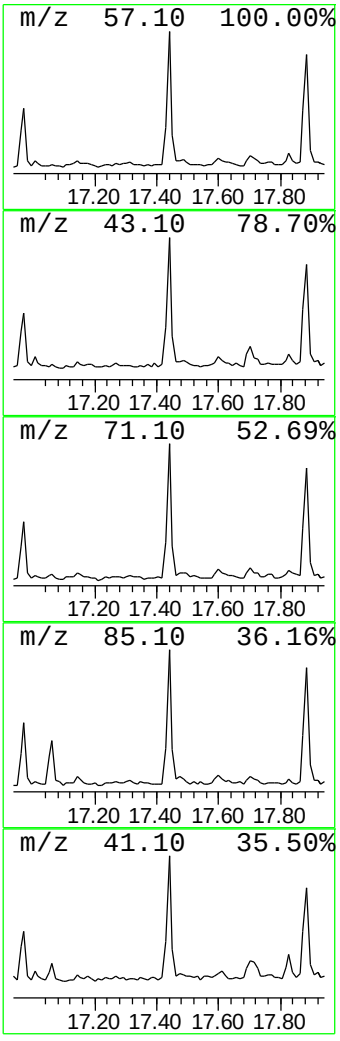
Peak Number 5 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	2.23 ng	139280	Chrysene-d12	18.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90





Tentatively Identified Compound (LSC) summary

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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.10	7.10	81.2	ng	3498570	1	7.45	861287	20.0
5-Octadecene, (E)-	15.23	2.5	ng	156601	4	14.71	1242560	20.0
Cetene	16.42	4.5	ng	280118	4	14.71	1242560	20.0
Octacosane	17.44	2.2	ng	139280	5	18.43	1248290	20.0