LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086200.D
Acq On : 9 Apr 2016 6:14
Operator : UM/SJ
Sample : H2373-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-01(0.5-20.0)

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-BF040216.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	4.910	245	247	260	rBV	77329	140373	4.60%	0.580%
2	5.333	281	284	286	rBV	1978307	2721970	89.23%	11.242%
3	6.385	373	376	378	rBV	2060393	2822307	92.52%	11.656%
4	6.499	384	386	388	rBV	2805073	2688879	88.15%	11.105%
5	6.727	404	406	408	rBV	724690	646748	21.20%	2.671%
6	6.887	417	420	422	rBV	1740721	2254204	73.90%	9.310%
7	7.299	453	456	458	rBV	1789154	1737927	56.97%	7.178%
8	8.008	516	518	521	rBV	728815	809890	26.55%	3.345%
9	9.093	610	613	615	rBV	2949757	3050442	100.00%	12.599%
10	9.482	645	647	650	rBV	201875	273793	8.98%	1.131%
11	9.699	664	666	668	rBV	60555	49963	1.64%	0.206%
12	9.768	669	672	674	rVB	622416	782134	25.64%	3.230%
13	10.202	708	710	711	rVB	57439	64480	2.11%	0.266%
14	10.419	725	729	732	rBV2	24837	44236	1.45%	0.183%
15	10.556	738	741	743	rBV	1419087	1446948	47.43%	5.976%
16	10.671	749	751	755	rVB	75804	90570	2.97%	0.374%
17	11.116	788	790	791	rBV	44997	39334	1.29%	0.162%
18	11.242	799	801	804	rBV	749176	680502	22.31%	2.811%
19	11.779	846	848	855	rBV	38717	50813	1.67%	0.210%
20	12.831	937	940	942	rBV	2420608	2273191	74.52%	9.389%
21	13.734	1016	1019	1029	rBV	166164	375213	12.30%	1.550%
22	13.882	1029	1032	1034	rBV	620783	604720	19.82%	2.498%
23	14.717	1102	1105	1107	rVV	20915	31425	1.03%	0.130%
24	15.277	1151	1154	1157	rBV	422727	487035	15.97%	2.012%
25	15.780	1193	1198	1200	rBV4	15957	45256	1.48%	0.187%

Sum of corrected areas: 24212353

LSC Report - Integrated Chromatogram

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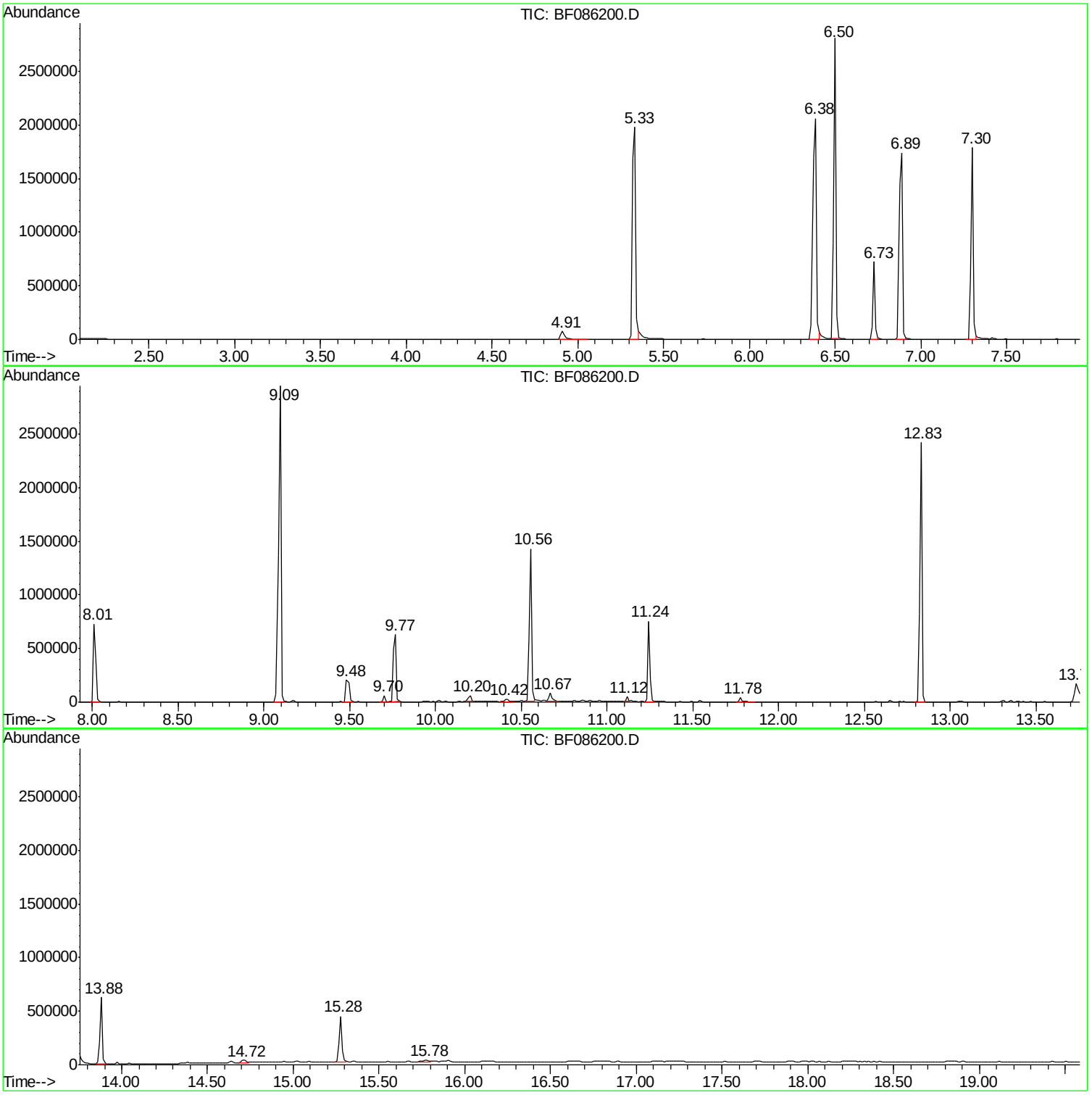
Instrument : BNA_F
ClientSampleId : AMBOY-SB-01(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

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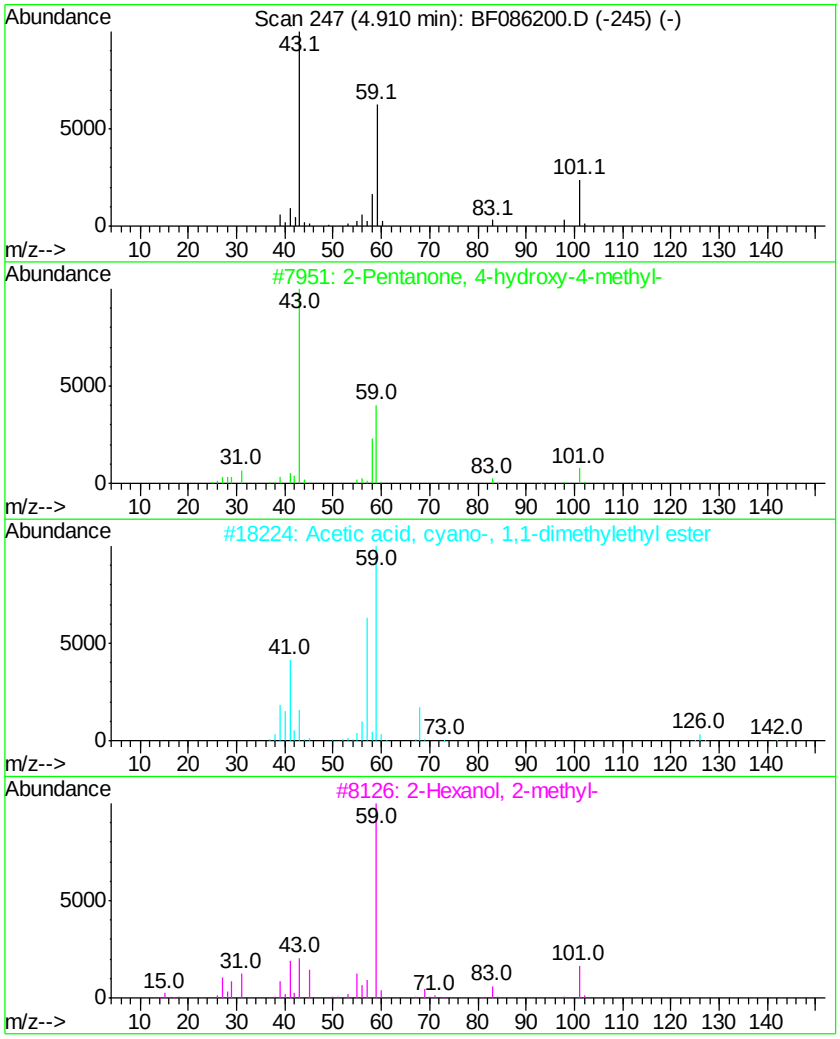
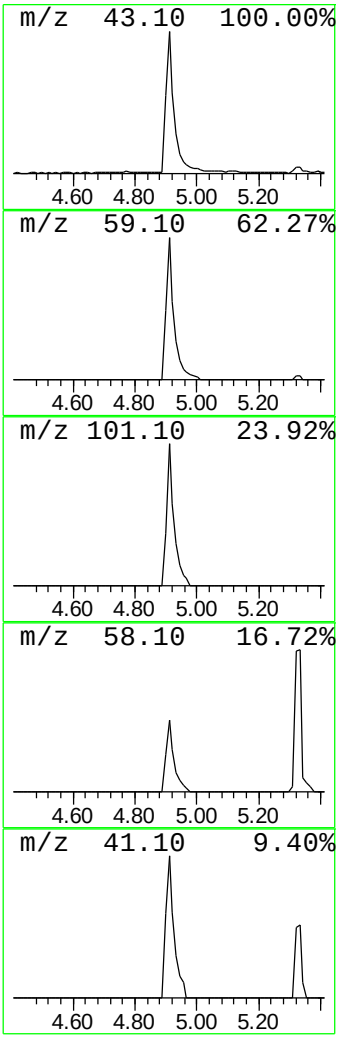
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	4.34 ng	140373	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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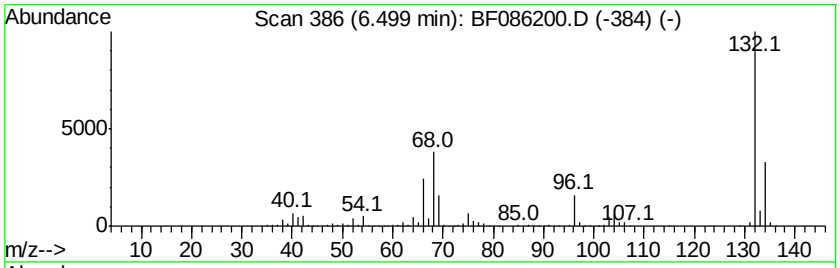
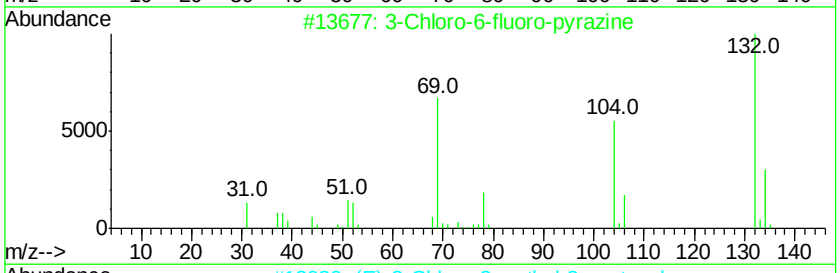
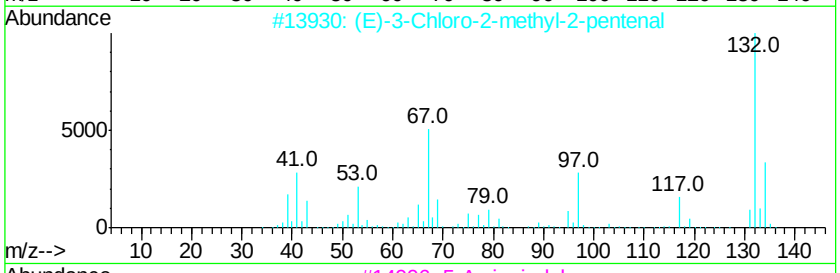
Peak Number 2 unknown6.50 Concentration Rank 1

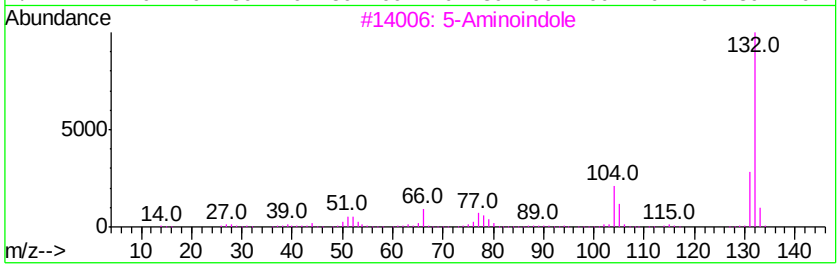
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	83.15 ng	2688880	1,4-Dichlorobenzene-d4	6.73

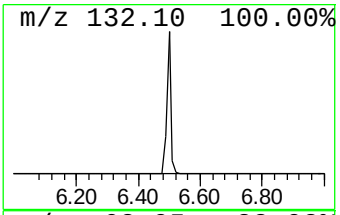
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9

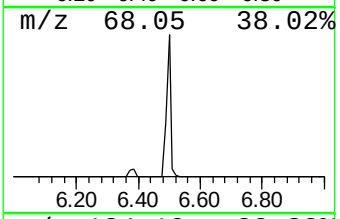


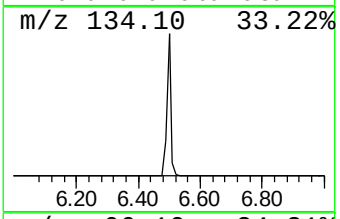


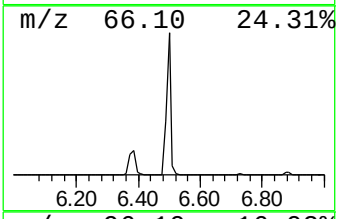


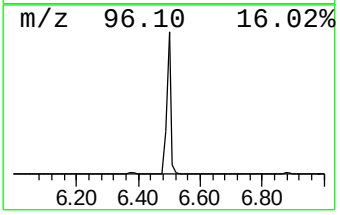












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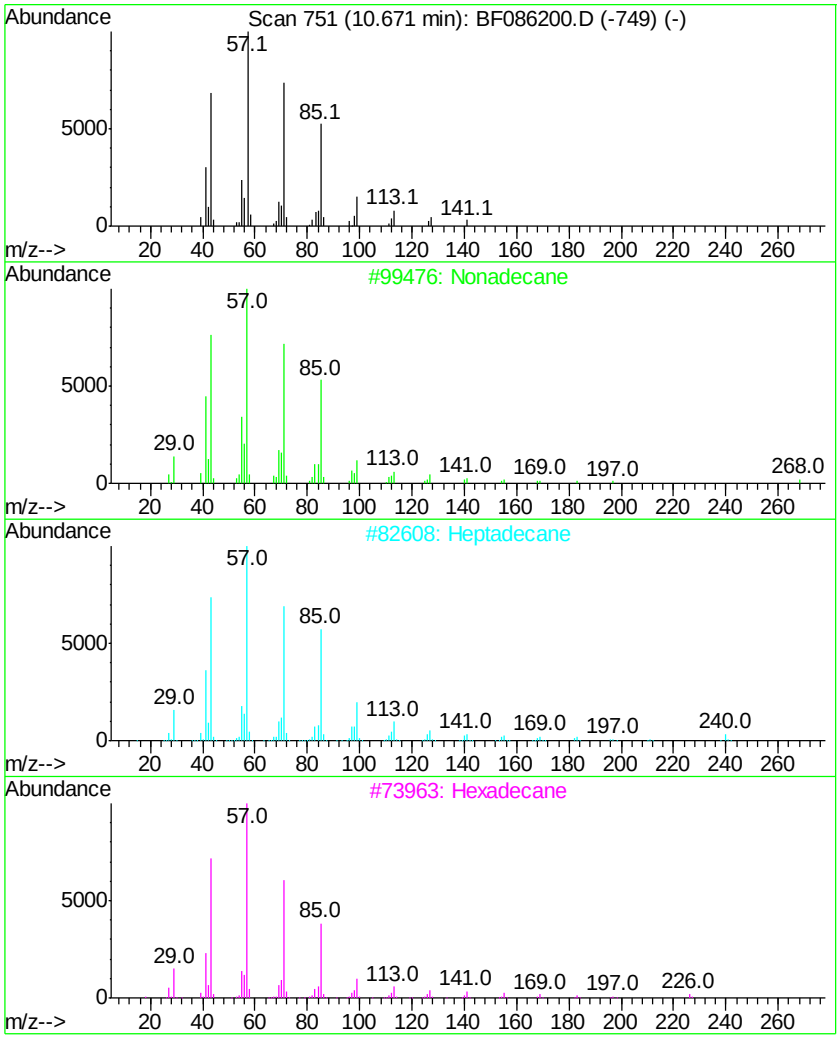
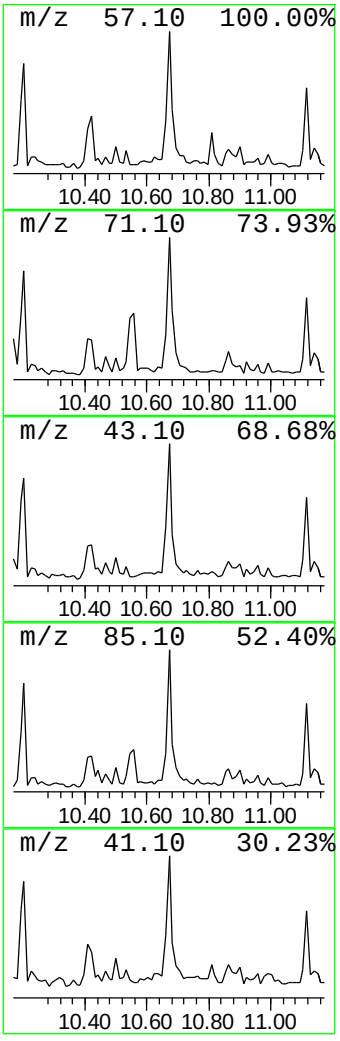
Peak Number 4 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.66 ng	90570	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Pentadecane	212	C15H32	000629-62-9	90





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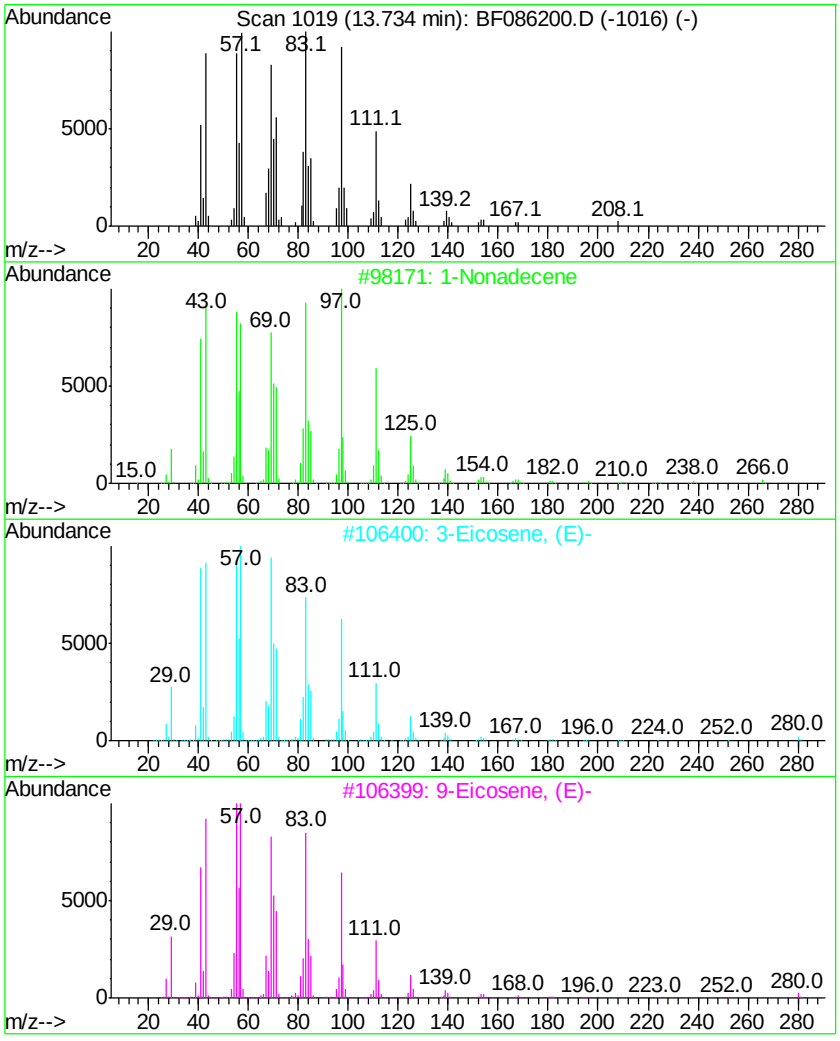
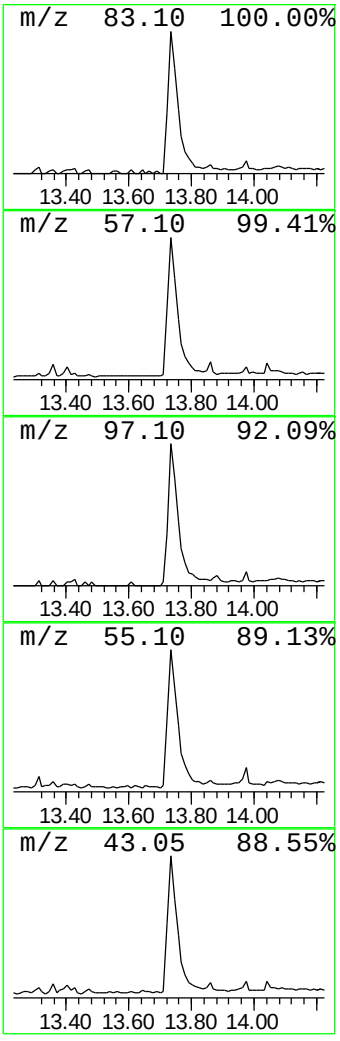
Peak Number 5 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	12.41 ng	375213	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90
5	1-Hexadecanol	242	C16H34O	036653-82-4	87





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...	4.91	4.3	ng	140373	1	6.73	646748	20.0
unknown6.50	6.50	83.2	ng	2688880	1	6.73	646748	20.0
Nonadecane	10.67	2.7	ng	90570	4	11.24	680502	20.0
1-Nonadecene	13.73	12.4	ng	375213	5	13.88	604720	20.0