LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
Data File : BF089882.D
Acq On : 24 Aug 2016 18:41
Operator : UM/SJ
Sample : H4585-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-MH-DGA-005

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-BF081916.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	1.655	5	6	14	rVV	466758	809013	7.28%	0.844%
2	1.770	14	16	58	rVB	4981162	11108829	100.00%	11.593%
3	4.798	278	281	294	rVB	1124478	1672191	15.05%	1.745%
4	5.244	317	320	322	rBV	7522425	8001876	72.03%	8.350%
5	6.307	410	413	415	rBV	7218106	8522265	76.72%	8.893%
6	6.433	421	424	426	rBV	8623401	8609195	77.50%	8.984%
7	6.662	442	444	447	rBV	2229819	2336363	21.03%	2.438%
8	6.822	456	458	460	rBV	7668890	6455404	58.11%	6.737%
9	7.233	491	494	496	rBV	5547769	5280508	47.53%	5.510%
10	7.953	554	557	559	rBV	4104713	3395212	30.56%	3.543%
11	9.039	649	652	654	rBV	10031846	10387587	93.51%	10.840%
12	9.428	684	686	689	rBV	1854659	1940060	17.46%	2.025%
13	9.702	708	710	713	rBV	4287075	3698804	33.30%	3.860%
14	10.159	748	750	751	rVB	292947	221958	2.00%	0.232%
15	10.376	766	769	772	rBV	97632	164020	1.48%	0.171%
16	10.491	776	779	781	rBV	4618339	4950244	44.56%	5.166%
17	10.628	789	791	798	rVB	356410	426771	3.84%	0.445%
18	11.073	829	830	832	rBV	166612	140333	1.26%	0.146%
19	11.176	837	839	842	rVB	3567761	3289957	29.62%	3.433%
20	12.765	976	978	981	rBV	5954927	8595478	77.38%	8.970%
21	13.714	1059	1061	1068	rBV	232326	702035	6.32%	0.733%
22	13.817	1068	1070	1073	rVV	2064041	2788990	25.11%	2.910%
23	14.365	1116	1118	1123	rBV3	40764	124440	1.12%	0.130%
24	15.268	1194	1197	1200	rBV	1887379	2205723	19.86%	2.302%

Sum of corrected areas: 95827256

LSC Report - Integrated Chromatogram

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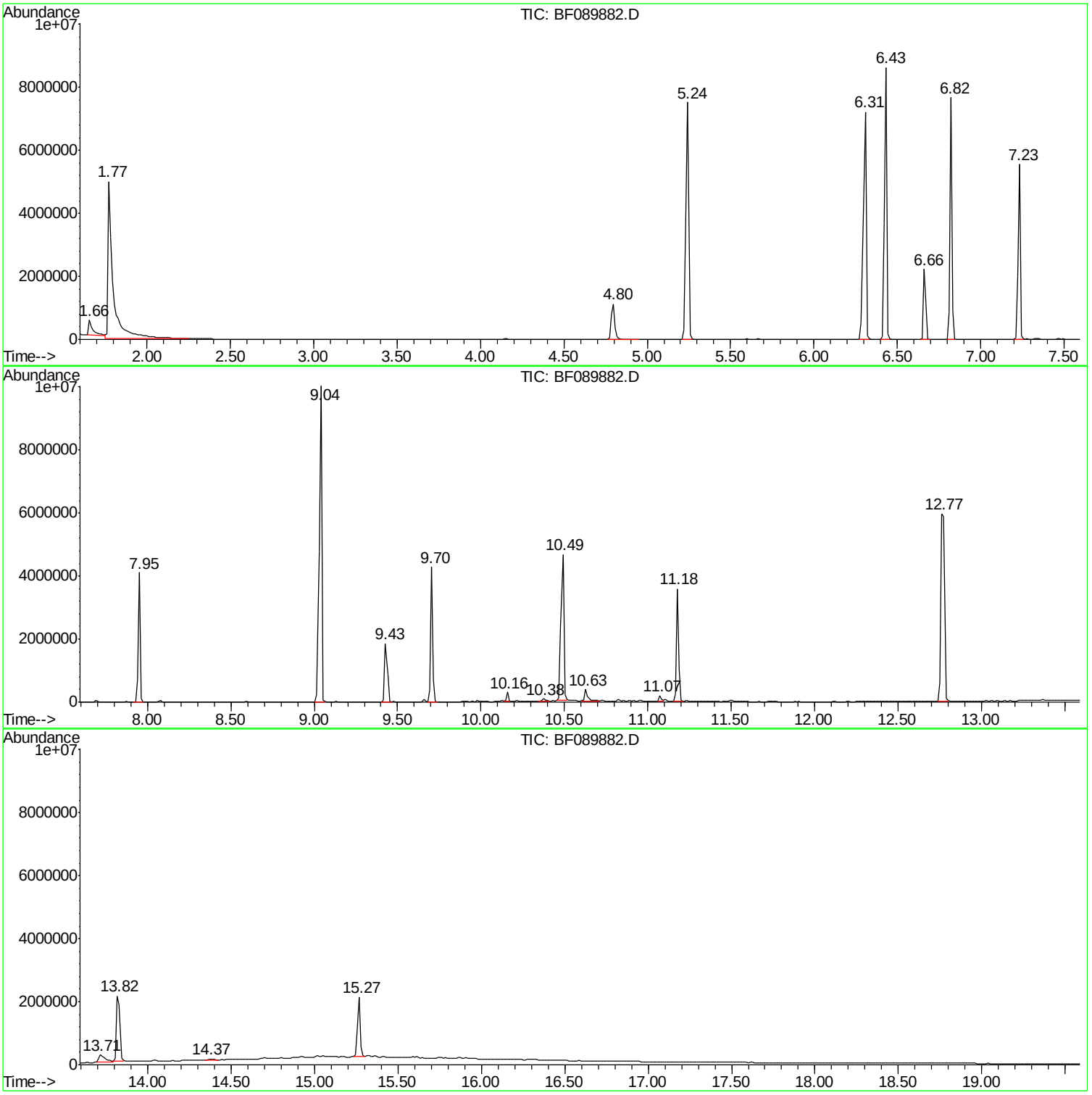
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-DGA-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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Instrument : BNA_F
ClientSampleId : TILCON-MH-DGA-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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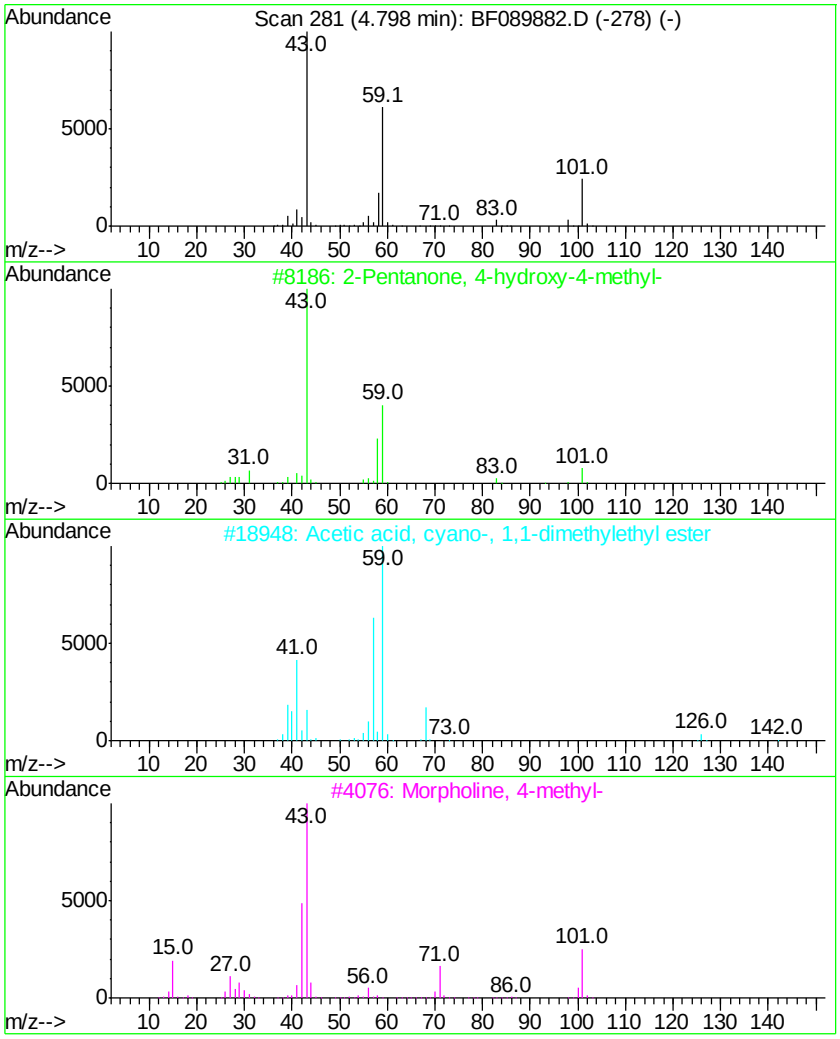
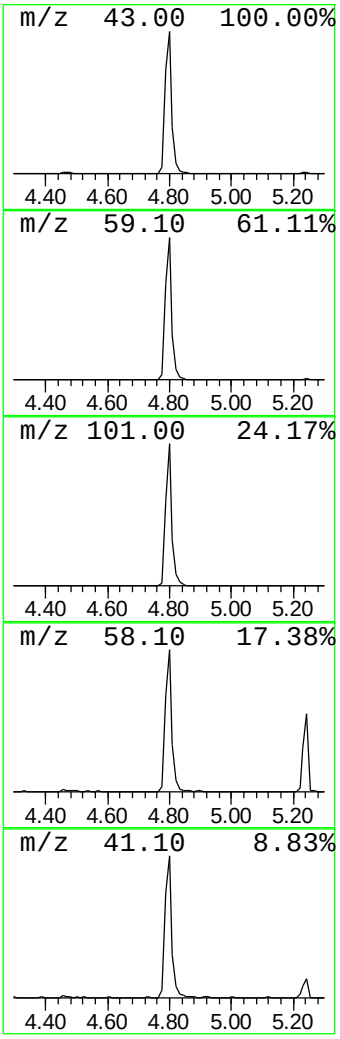
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	14.31 ng	1672190	1,4-Dichlorobenzene-d4	6.66

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	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument : BNA_F
ClientSampleId : TILCON-MH-DGA-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
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TIC Library : C:\Database\NIST11.L
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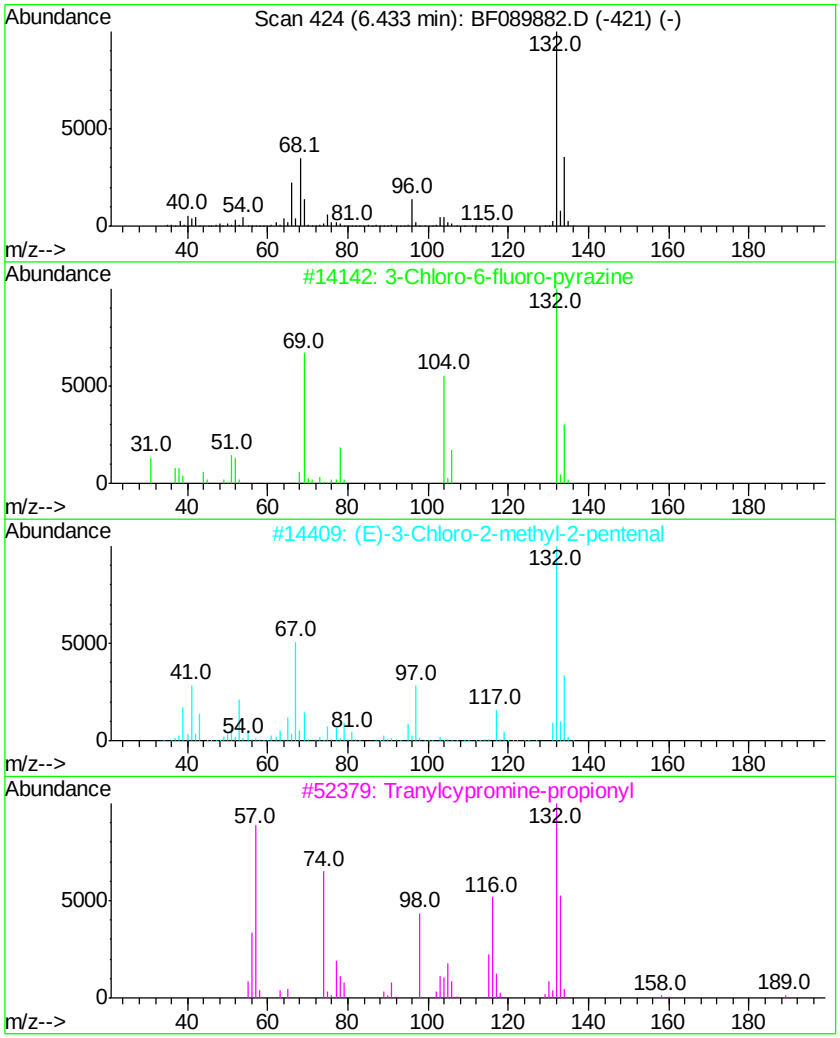
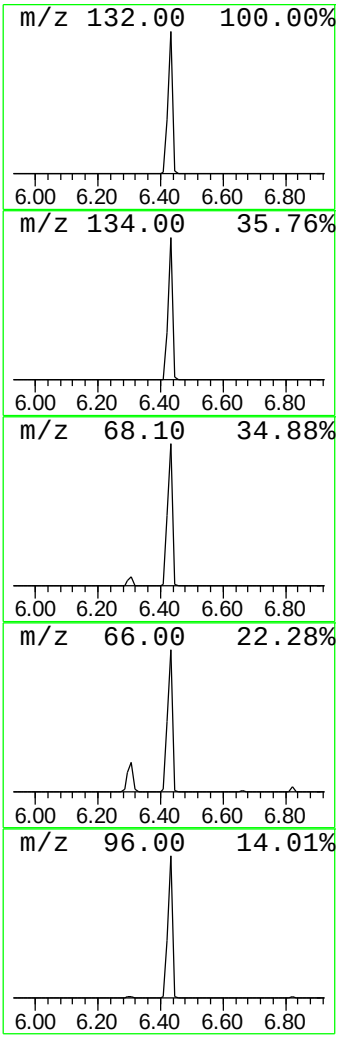
Peak Number 4 unknown6.43 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	73.70 ng	8609200	1,4-Dichlorobenzene-d4	6.66

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

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Sample : H4585-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-MH-DGA-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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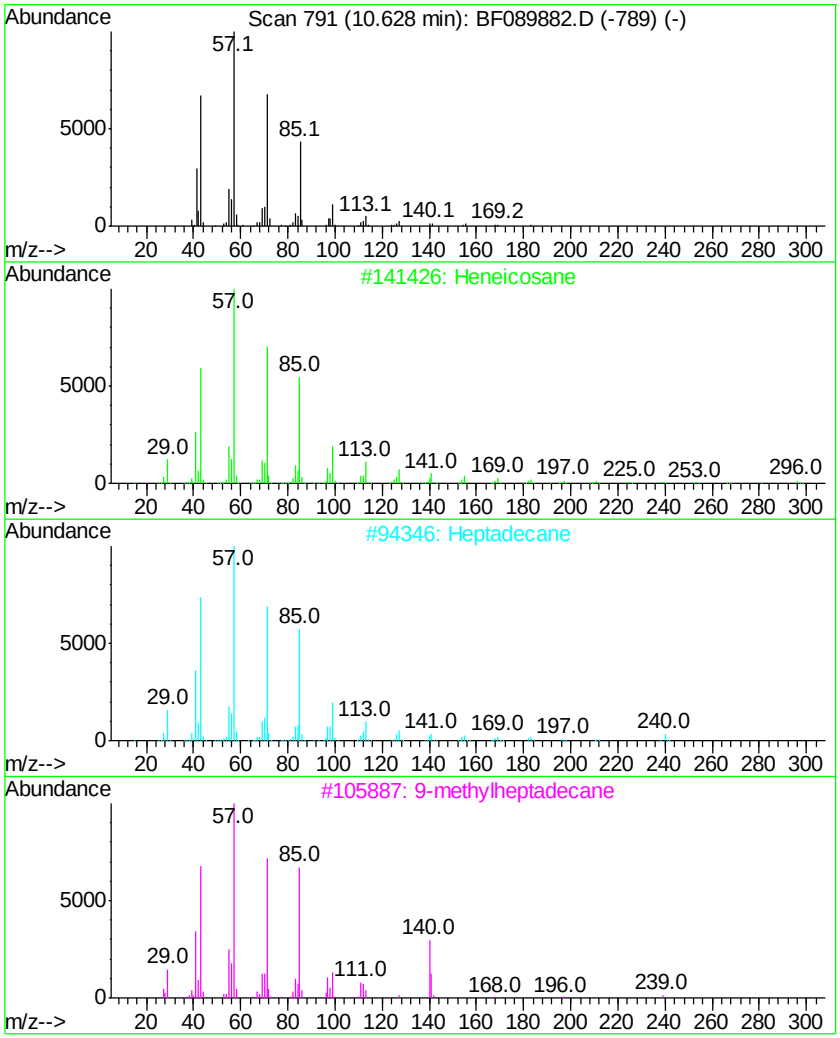
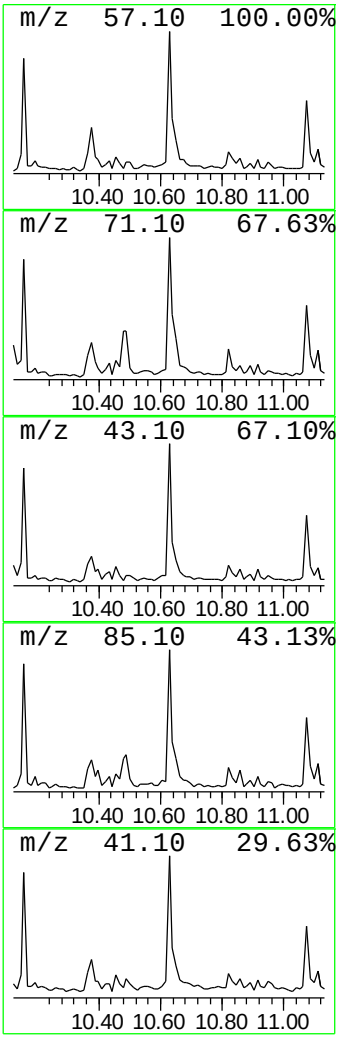
Peak Number 6 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	2.59 ng	426771	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	9-methylheptadecane	254	C18H38	026741-18-4	86
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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Instrument :
BNA_F
ClientSampleId :
TILCON-MH-DGA-005

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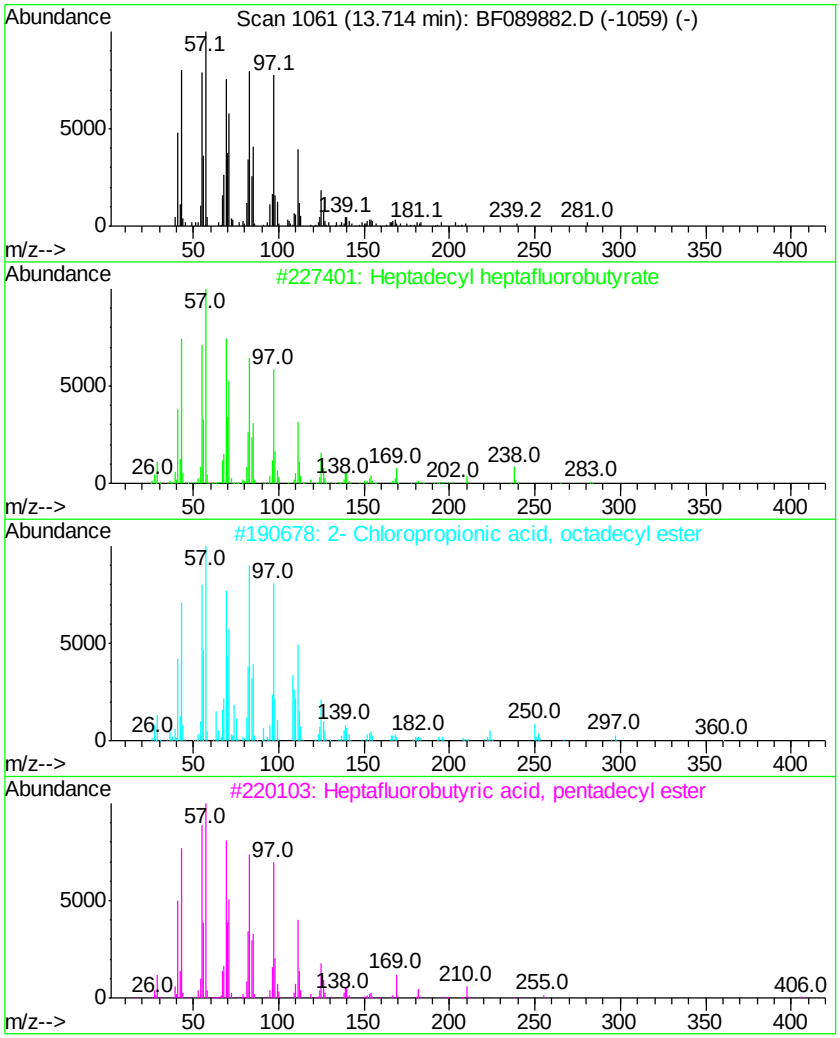
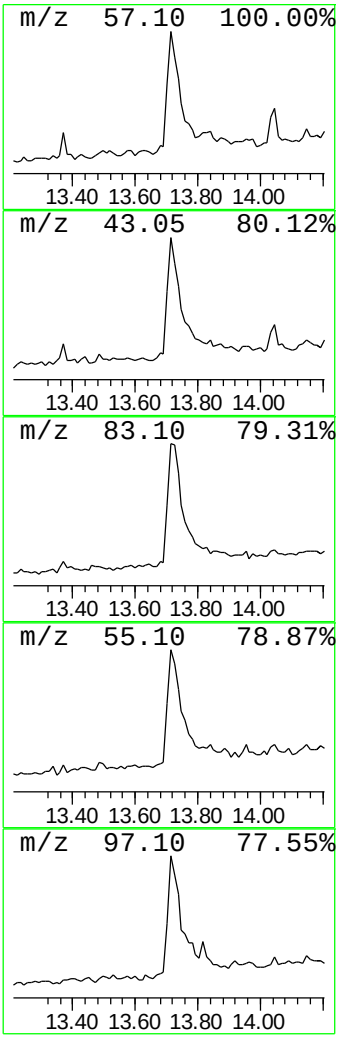
Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	5.03 ng	702035	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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
2-Pentanone, 4-hy...	4.80	14.3	ng	1672190	1	6.66	2336360	20.0
unknown6.43	6.43	73.7	ng	8609200	1	6.66	2336360	20.0
Heneicosane	10.63	2.6	ng	426771	4	11.18	3289960	20.0
Heptadecyl heptaf...	13.71	5.0	ng	702035	5	13.83	2788990	20.0