LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086069.D
Acq On : 5 Apr 2016 7:25
Operator : UM/SJ
Sample : H2183-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-11(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	4.956	249	251	262	rBV	44575	84900	2.58%	0.337%
2	5.367	284	287	289	rBV	2609857	2938573	89.47%	11.671%
3	6.407	376	378	381	rBV	1985864	2950733	89.84%	11.720%
4	6.533	387	389	391	rBV	2930480	2761637	84.08%	10.969%
5	6.761	407	409	413	rBV	786983	674941	20.55%	2.681%
6	6.922	420	423	425	rBV	2301378	2519636	76.72%	10.007%
7	7.333	456	459	461	rBV	1912925	1877852	57.18%	7.458%
8	8.042	519	521	524	rBV	594960	773061	23.54%	3.070%
9	9.127	613	616	618	rBV	3362033	3284356	100.00%	13.045%
10	9.516	648	650	653	rBV	240438	270056	8.22%	1.073%
11	9.802	672	675	677	rBV	756759	775170	23.60%	3.079%
12	10.236	709	713	714	rBV	58379	70542	2.15%	0.280%
13	10.453	729	732	733	rBV	24941	33896	1.03%	0.135%
14	10.590	741	744	746	rBV	1598554	1535431	46.75%	6.098%
15	10.705	752	754	761	rVB	87506	103403	3.15%	0.411%
16	11.150	791	793	794	rBV	45376	37084	1.13%	0.147%
17	11.276	802	804	807	rBV2	530061	645972	19.67%	2.566%
18	11.813	849	851	858	rBV	48236	73250	2.23%	0.291%
19	12.865	940	943	945	rBV	2490525	2229473	67.88%	8.855%
20	13.768	1019	1022	1028	rBV	114821	232350	7.07%	0.923%
21	13.916	1032	1035	1037	rVB	633561	570657	17.38%	2.267%
22	14.385	1073	1076	1077	rBV	23359	34233	1.04%	0.136%
23	14.671	1098	1101	1104	rBV2	30448	55098	1.68%	0.219%
24	14.979	1126	1128	1131	rBV	37011	55352	1.69%	0.220%
25	15.322	1155	1158	1161	rBV	384892	479901	14.61%	1.906%
26	15.722	1190	1193	1197	rBV	20689	40195	1.22%	0.160%
27	19.037	1480	1483	1492	rVB9	21646	70003	2.13%	0.278%

Sum of corrected areas: 25177755

LSC Report - Integrated Chromatogram

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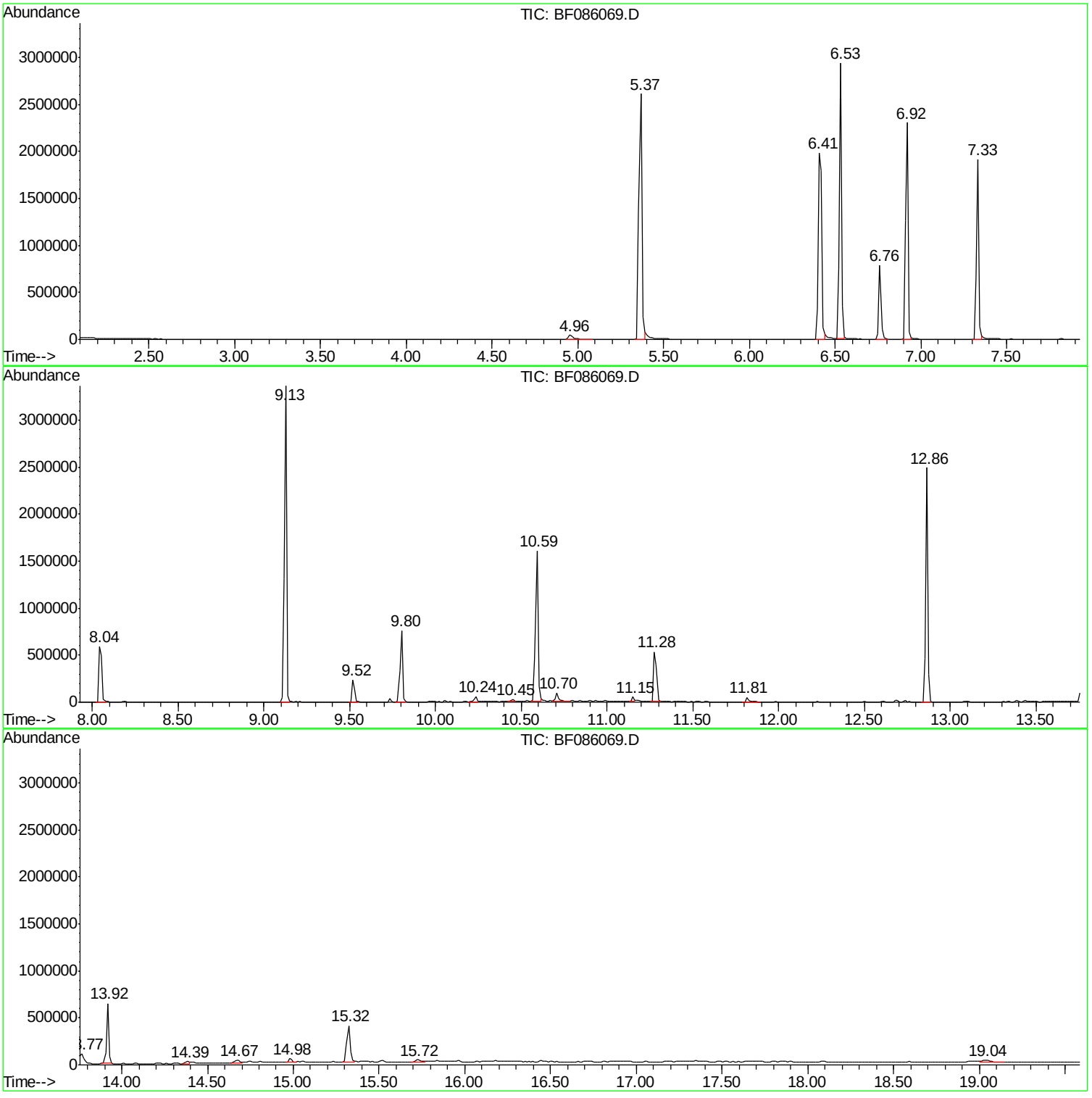
Sample : H2183-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-11(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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086069.D
Acq On : 5 Apr 2016 7:25
Operator : UM/SJ
Sample : H2183-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-11(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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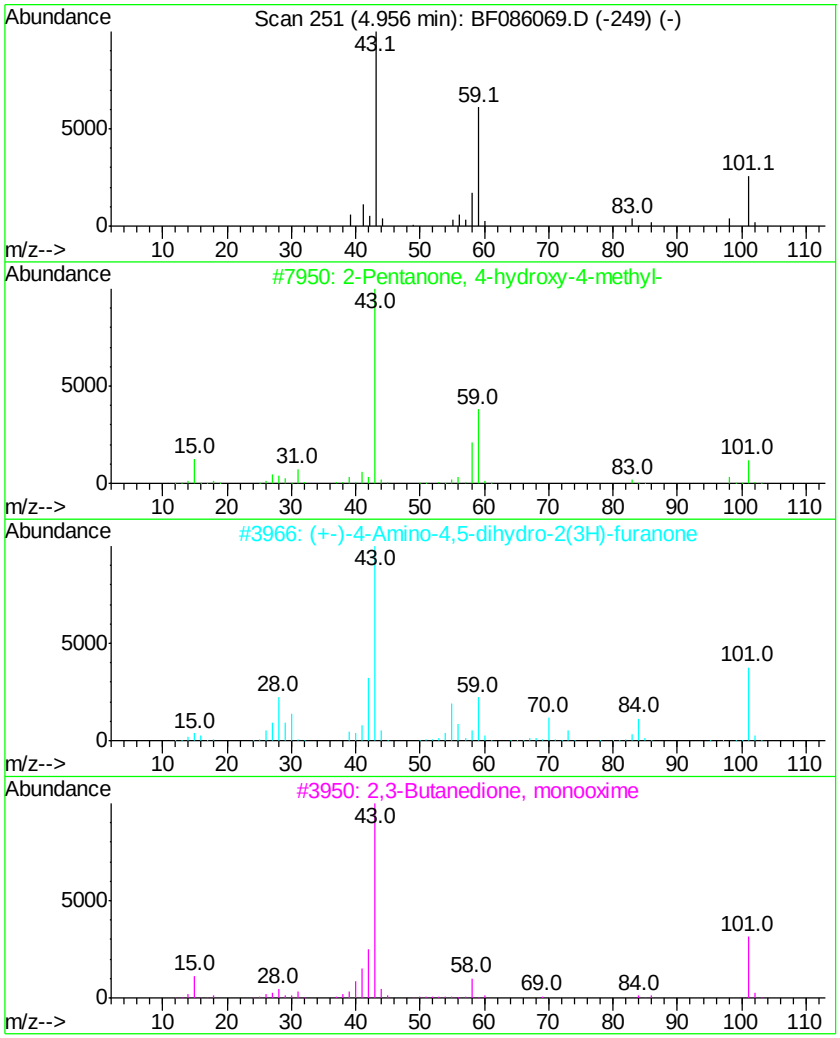
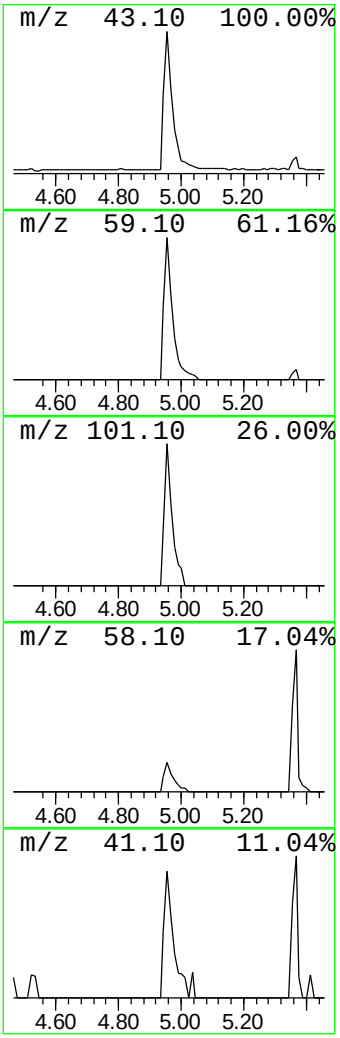
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	2.52 ng	84900	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





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Operator : UM/SJ
Sample : H2183-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-11(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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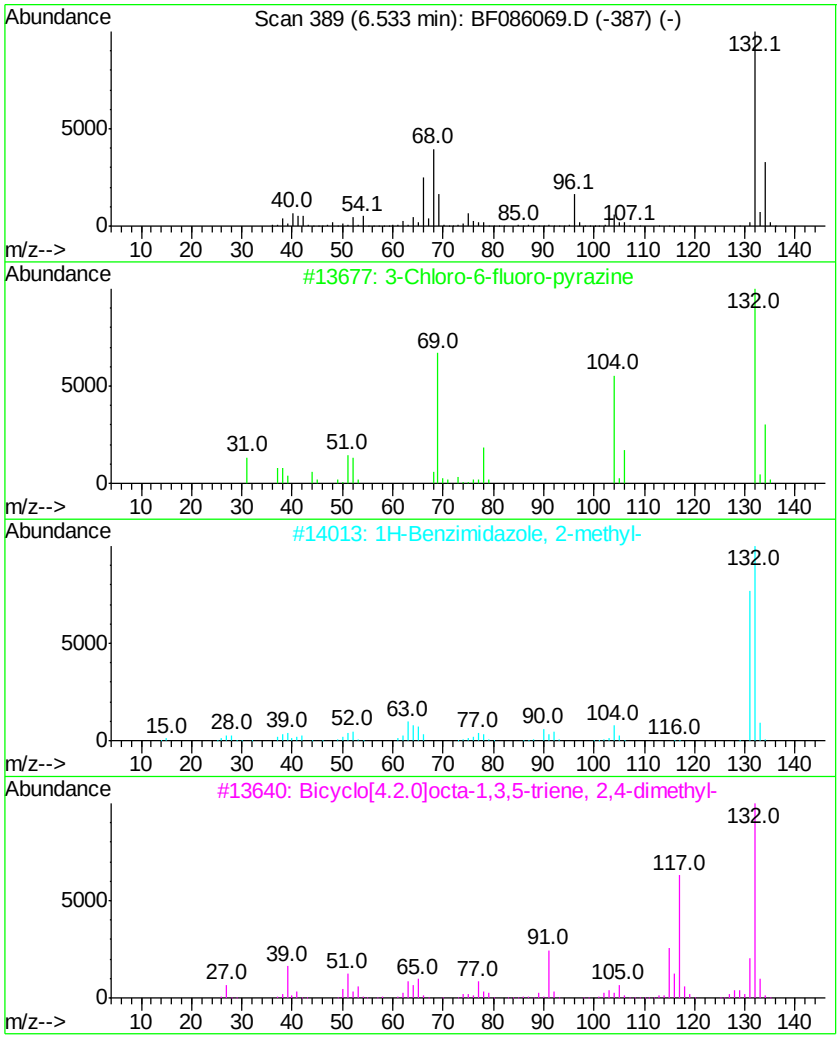
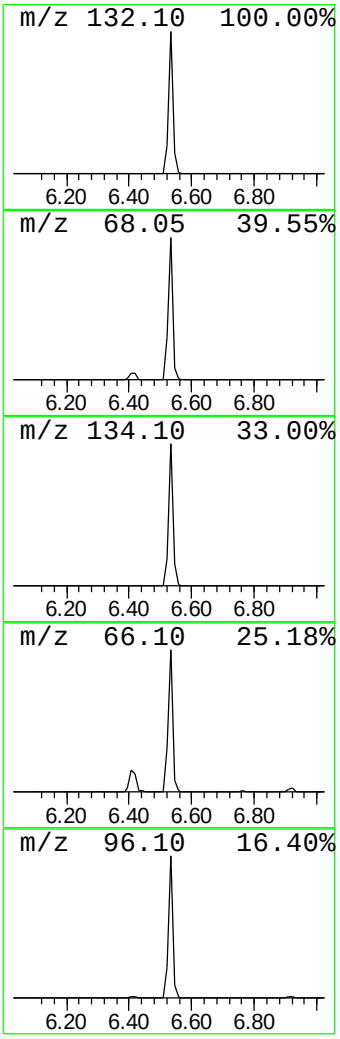
Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	81.83 ng	2761640	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086069.D
Acq On : 5 Apr 2016 7:25
Operator : UM/SJ
Sample : H2183-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-11(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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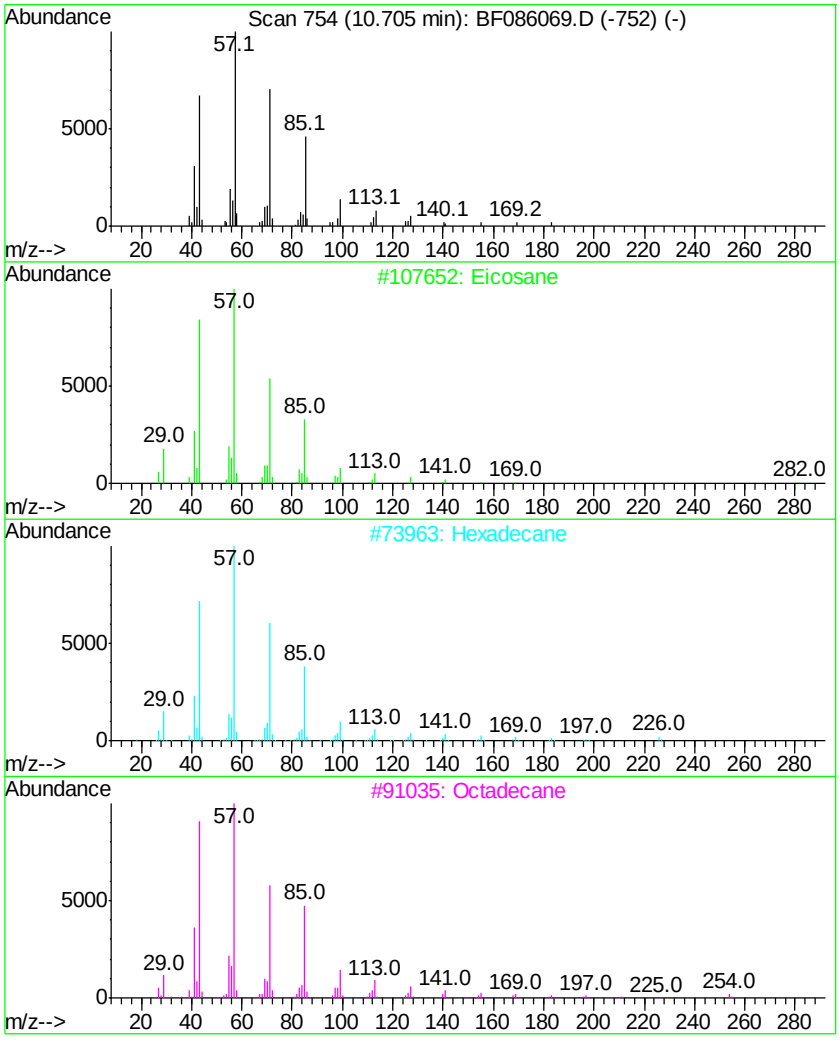
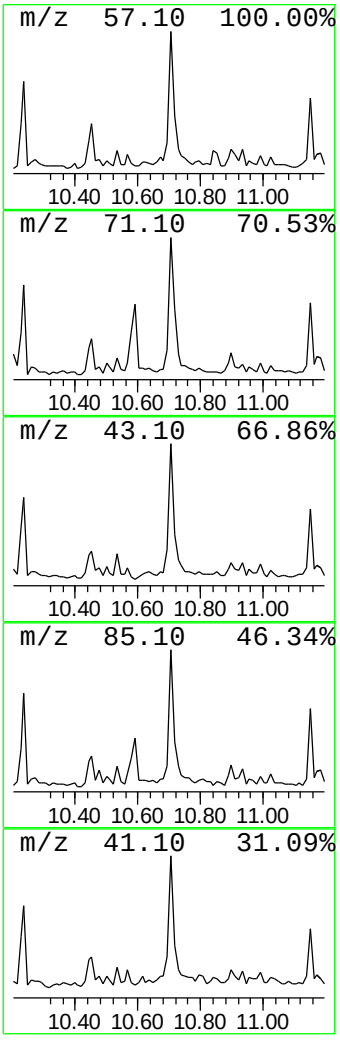
Peak Number 4 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	3.20 ng	103403	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Data File : BF086069.D
Acq On : 5 Apr 2016 7:25
Operator : UM/SJ
Sample : H2183-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-11(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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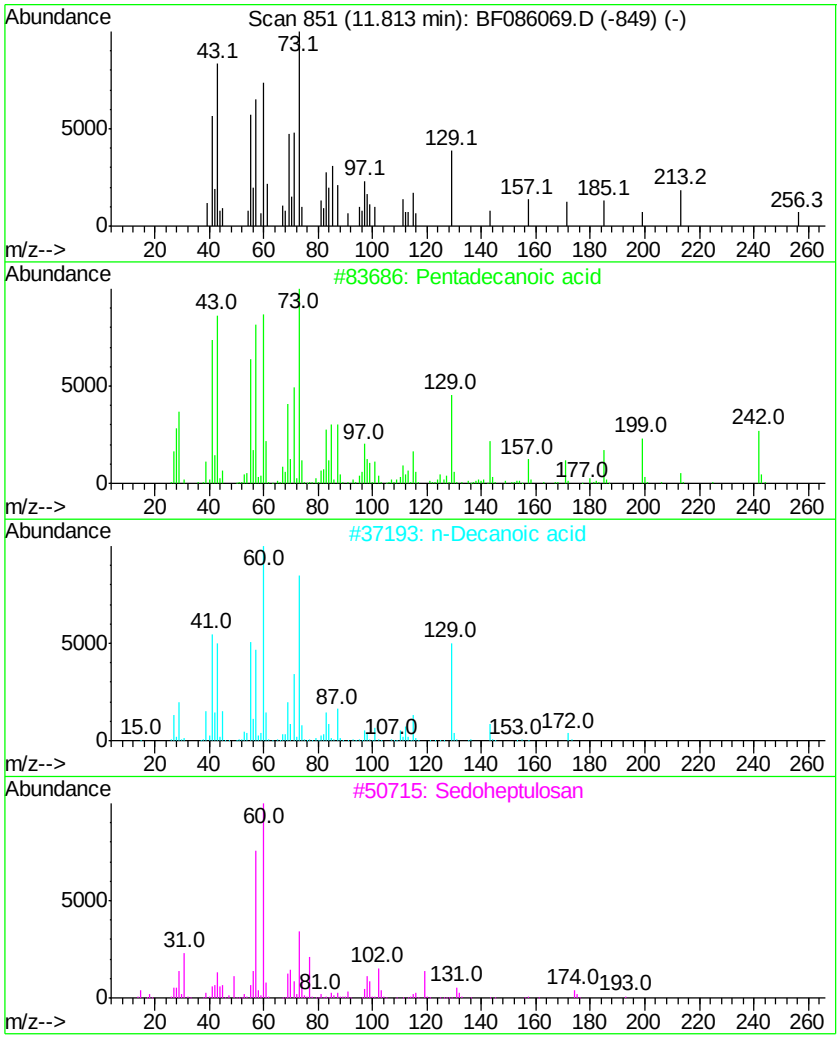
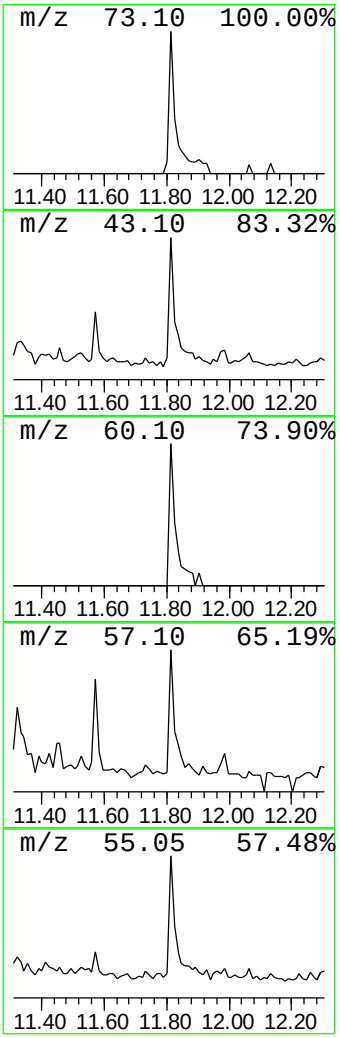
Peak Number 5 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	2.27 ng	73250	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
2	n-Decanoic acid	172	C10H20O2	000334-48-5	50
3	Sedoheptulosan	192	C7H12O6	000469-90-9	22
4	.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	22
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	10





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Acq On : 5 Apr 2016 7:25
Operator : UM/SJ
Sample : H2183-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-11(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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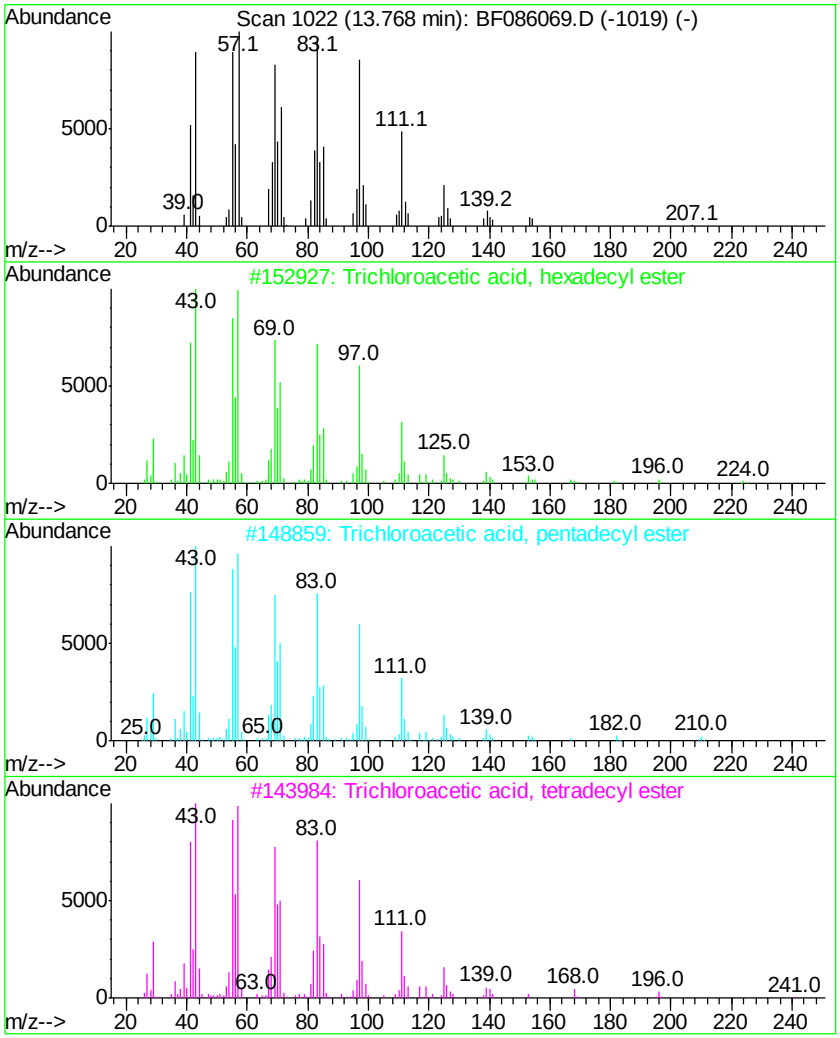
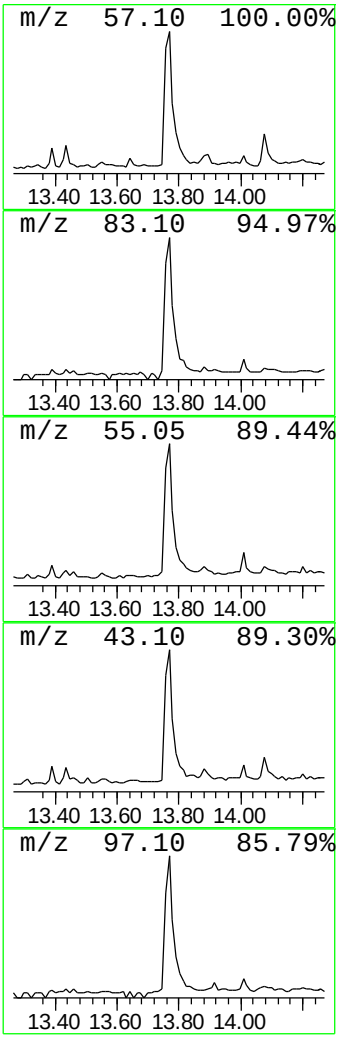
Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	8.14 ng	232350	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
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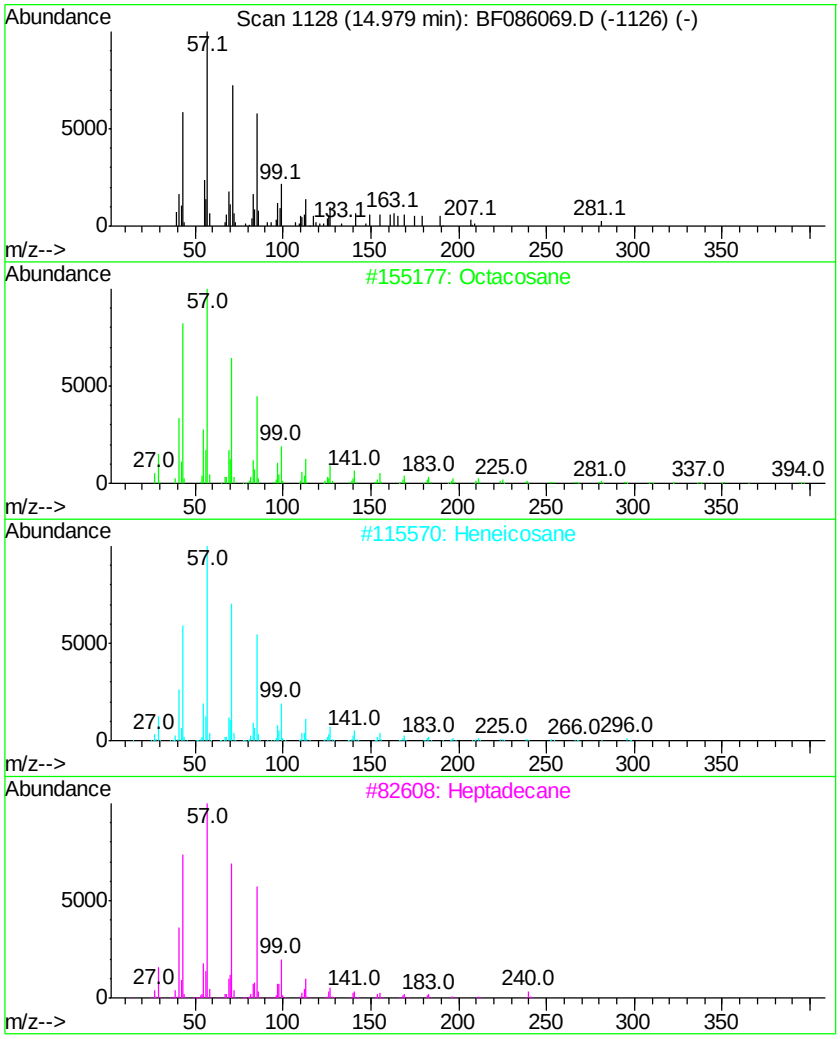
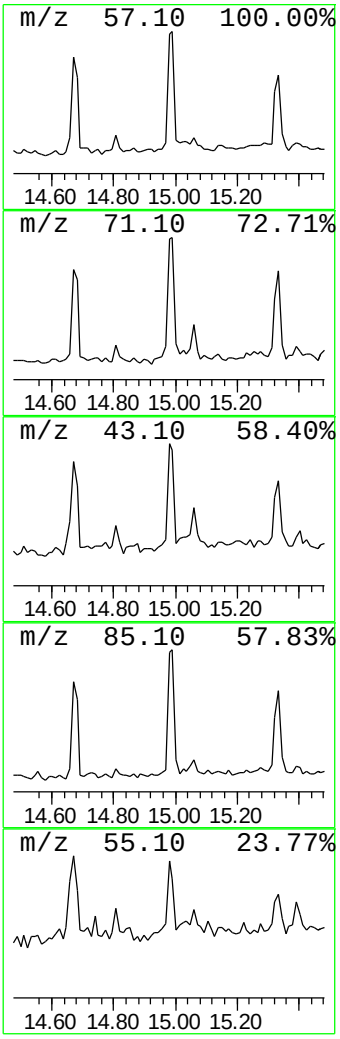
Peak Number 8 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.31 ng	55352	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetratriacontane	479	C34H70	014167-59-0	90





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Instrument : BNA_F
ClientSampleId : AMBOY-SB-11(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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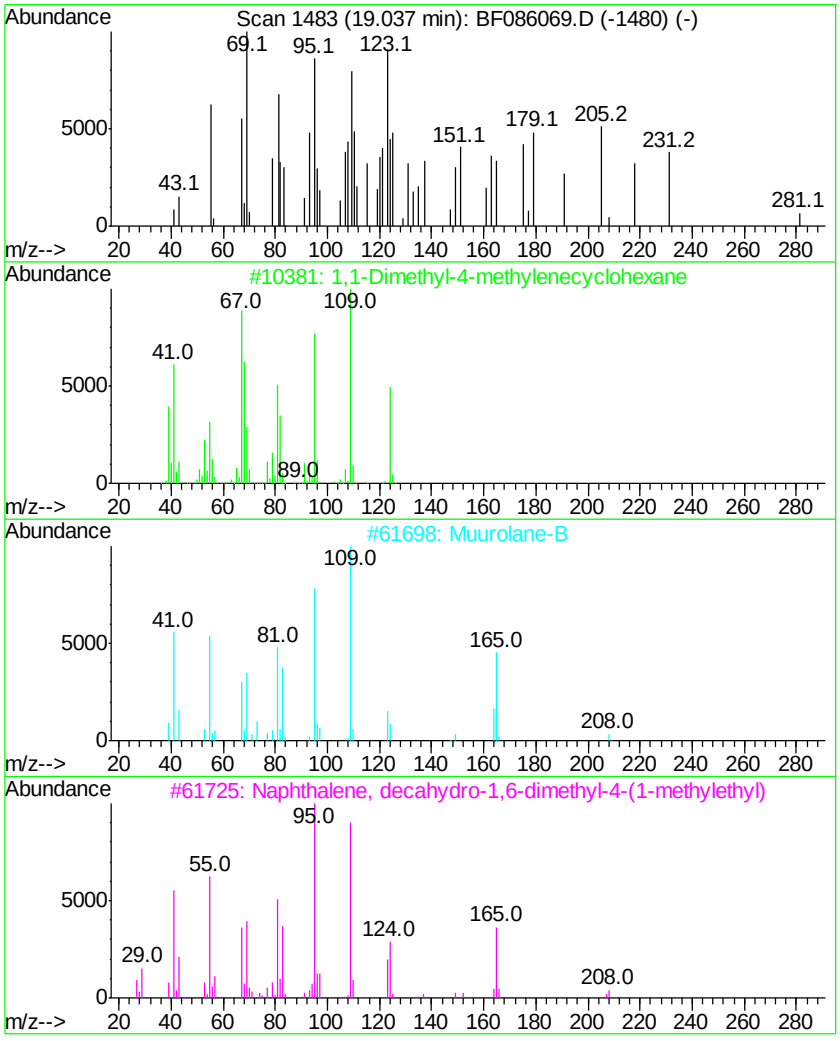
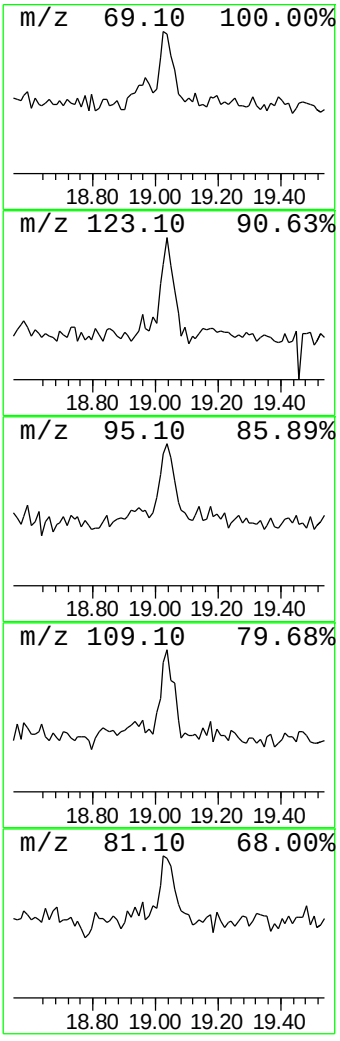
Peak Number 9 unknown19.04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	2.92 ng	70003	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	27
2	Muurolane-B	208	C15H28	1000121-63-7	25
3	Naphthalene, decahydro-1,6-dimet...	208	C15H28	034315-85-0	25
4	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	22
5	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	22





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.96	2.5	ng	84900	1	6.76	674941	20.0
unknown6.53	6.53	81.8	ng	2761640	1	6.76	674941	20.0
Eicosane	10.70	3.2	ng	103403	4	11.28	645972	20.0
Pentadecanoic acid	11.81	2.3	ng	73250	4	11.28	645972	20.0
Trichloroacetic a...	13.77	8.1	ng	232350	5	13.92	570657	20.0
Octacosane	14.98	2.3	ng	55352	6	15.32	479901	20.0
unknown19.04	19.04	2.9	ng	70003	6	15.32	479901	20.0