LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081733.D
Acq On : 22 Sep 2015 4:27
Operator : UM/IZ
Sample : G3747-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-1-4

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-BF090115.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	1.224	9	12	14	rVV	831317	1107205	27.64%	6.225%
2	1.292	17	18	29	rVB3	20274	52661	1.31%	0.296%
3	1.441	29	31	37	rBV	202993	554938	13.85%	3.120%
4	1.521	37	38	77	rVB	1081440	4005904	100.00%	22.521%
5	4.447	290	294	318	rVB	219176	654190	16.33%	3.678%
6	5.327	368	371	399	rBV	551319	1156732	28.88%	6.503%
7	7.602	566	570	574	rBV	608044	1170465	29.22%	6.580%
8	7.682	574	577	595	rVB	741977	1340128	33.45%	7.534%
9	8.162	616	619	626	rBB	127540	221264	5.52%	1.244%
10	8.482	644	647	658	rBB	525918	872875	21.79%	4.907%
11	9.465	729	733	747	rBV	442154	787211	19.65%	4.426%
12	11.053	869	872	878	rBV	143153	273448	6.83%	1.537%
13	12.345	980	985	990	rBV2	17513	41240	1.03%	0.232%
14	13.705	1100	1104	1107	rBV	770456	1269962	31.70%	7.140%
15	13.774	1107	1110	1120	rVB	38211	88914	2.22%	0.500%
16	14.768	1188	1197	1203	rBV	120691	233666	5.83%	1.314%
17	14.871	1203	1206	1210	rVV	37312	69397	1.73%	0.390%
18	15.191	1230	1234	1240	rBV	172401	297591	7.43%	1.673%
19	17.100	1397	1401	1413	rBV2	415427	821744	20.51%	4.620%
20	17.751	1452	1458	1462	rBV	42056	119435	2.98%	0.671%
21	18.700	1538	1541	1548	rBV	165649	309732	7.73%	1.741%
22	18.871	1553	1556	1564	rVB2	20636	51317	1.28%	0.289%
23	19.660	1621	1625	1629	rBV	34681	72312	1.81%	0.407%
24	21.409	1775	1778	1784	rBV2	135076	199414	4.98%	1.121%
25	22.072	1832	1836	1838	rBV	1185676	1327293	33.13%	7.462%
26	23.317	1942	1945	1946	rBV	91404	144786	3.61%	0.814%
27	23.352	1946	1948	1954	rVB	212610	293702	7.33%	1.651%
28	24.358	2034	2036	2039	rVB	39105	50836	1.27%	0.286%
29	24.792	2072	2074	2078	rBV	130566	198691	4.96%	1.117%

Sum of corrected areas: 17787053

LSC Report - Integrated Chromatogram

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Data File : BF081733.D
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Operator : UM/IZ
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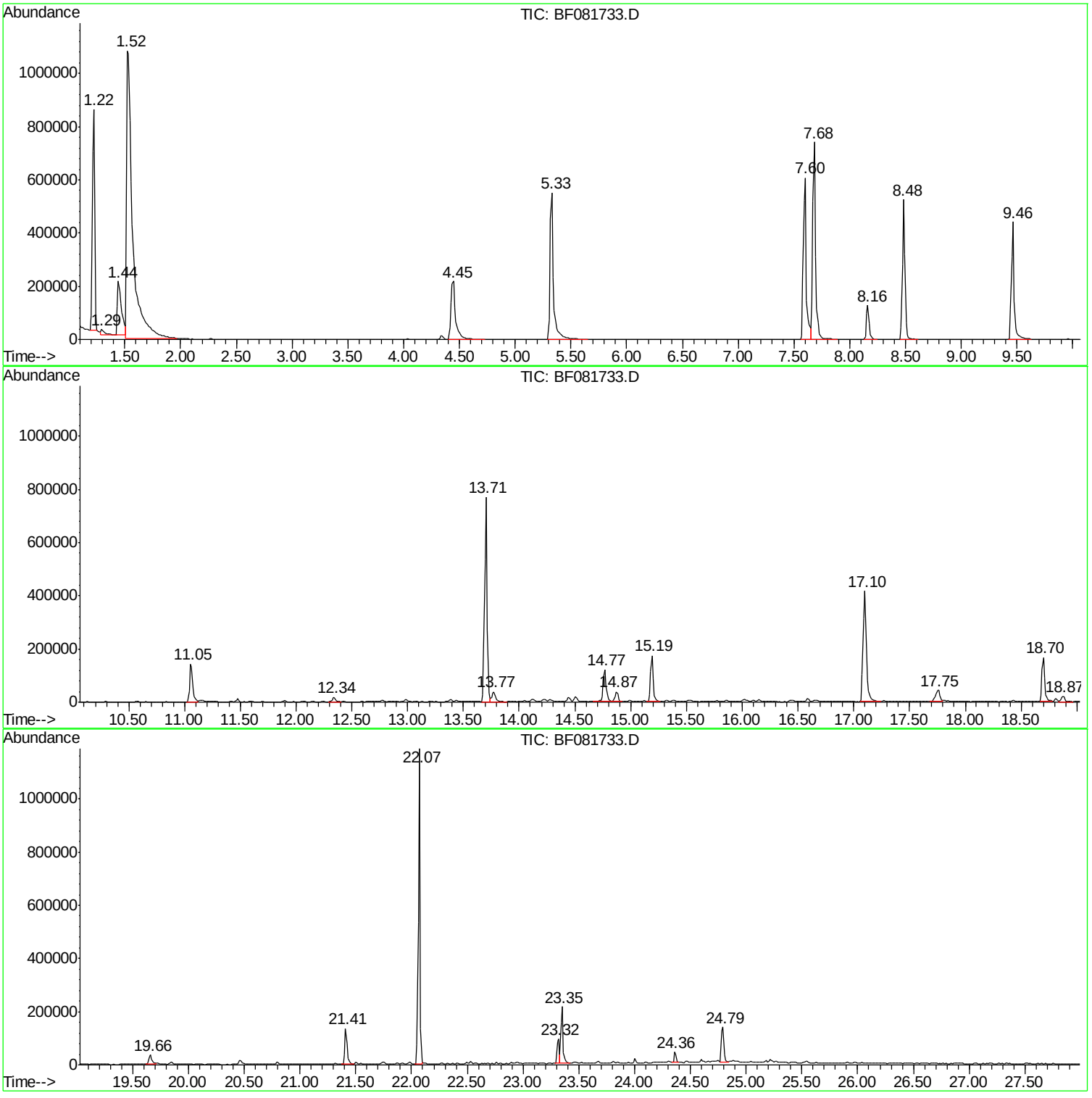
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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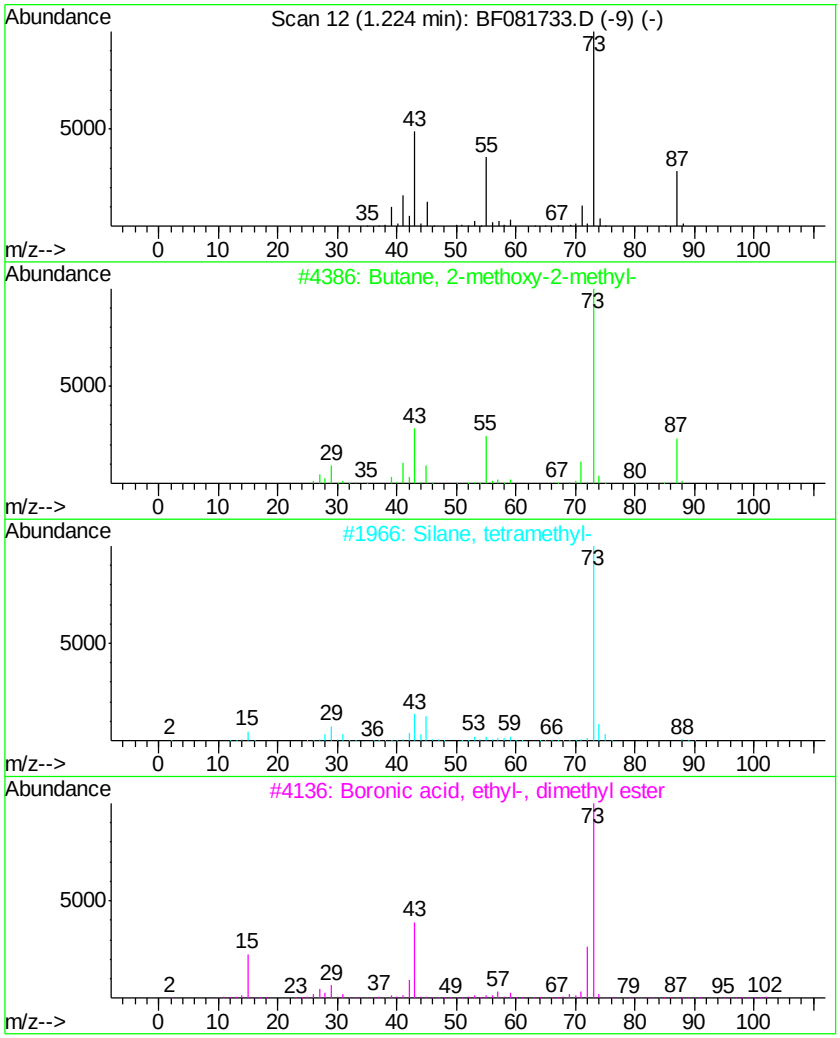
TIC Integration Parameters: LSCINT.P

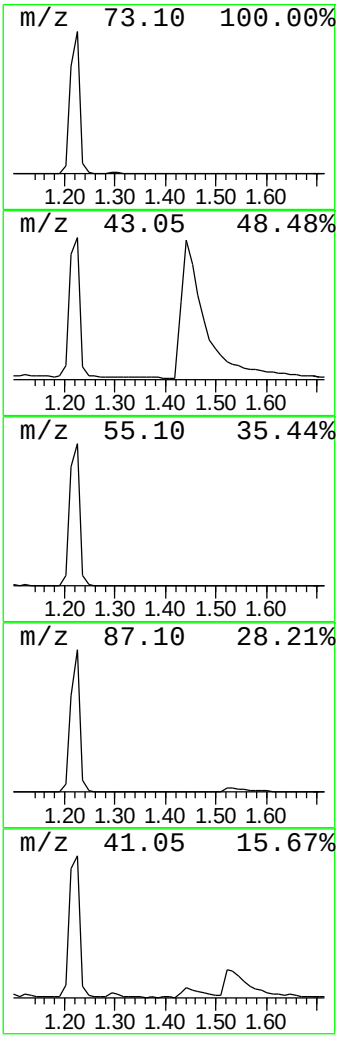
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	100.08 ng	1107210	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Sample : G3747-04
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Instrument : BNA_F
ClientSampleId : TRENCH-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

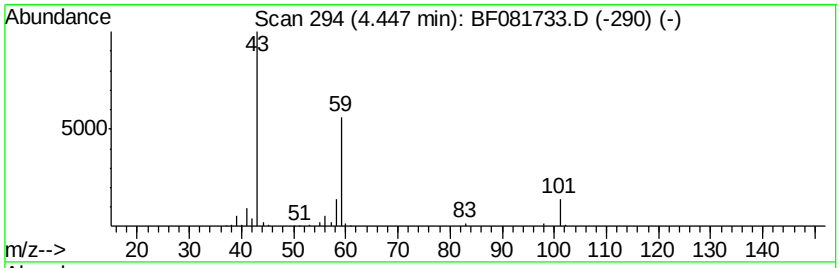
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

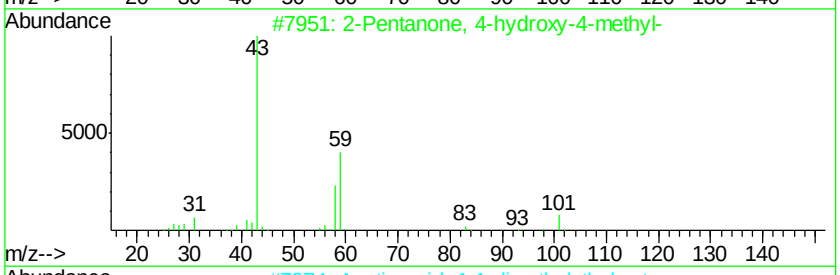
****

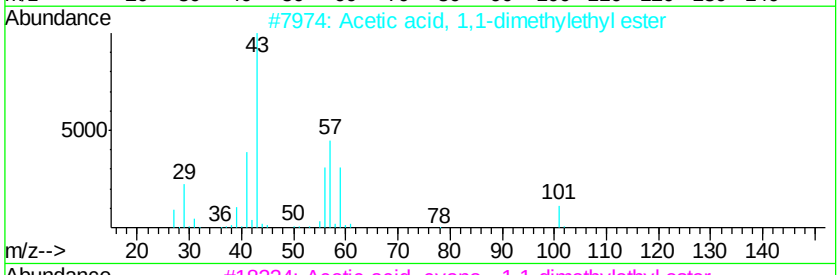
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

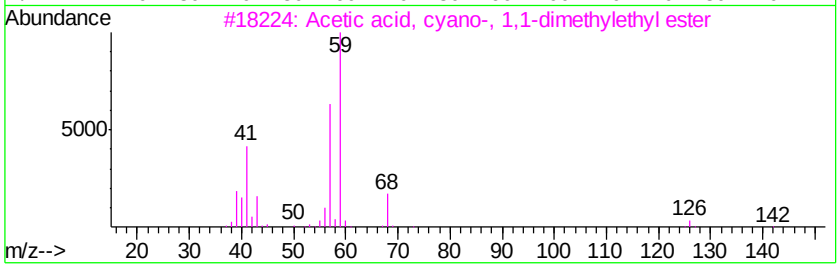
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	59.13 ng	654190	1,4-Dichlorobenzene-d4	8.16

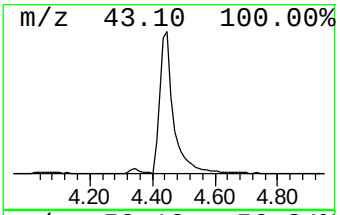
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9

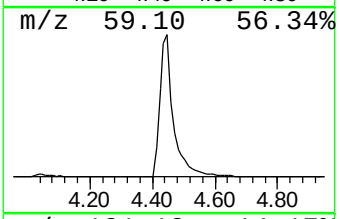


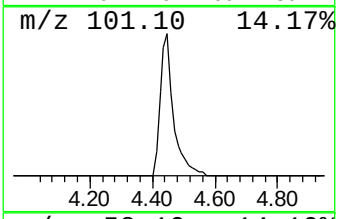


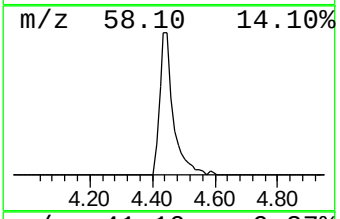


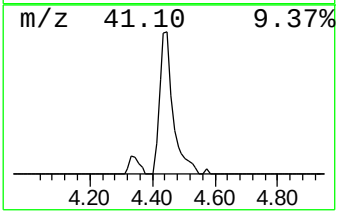












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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

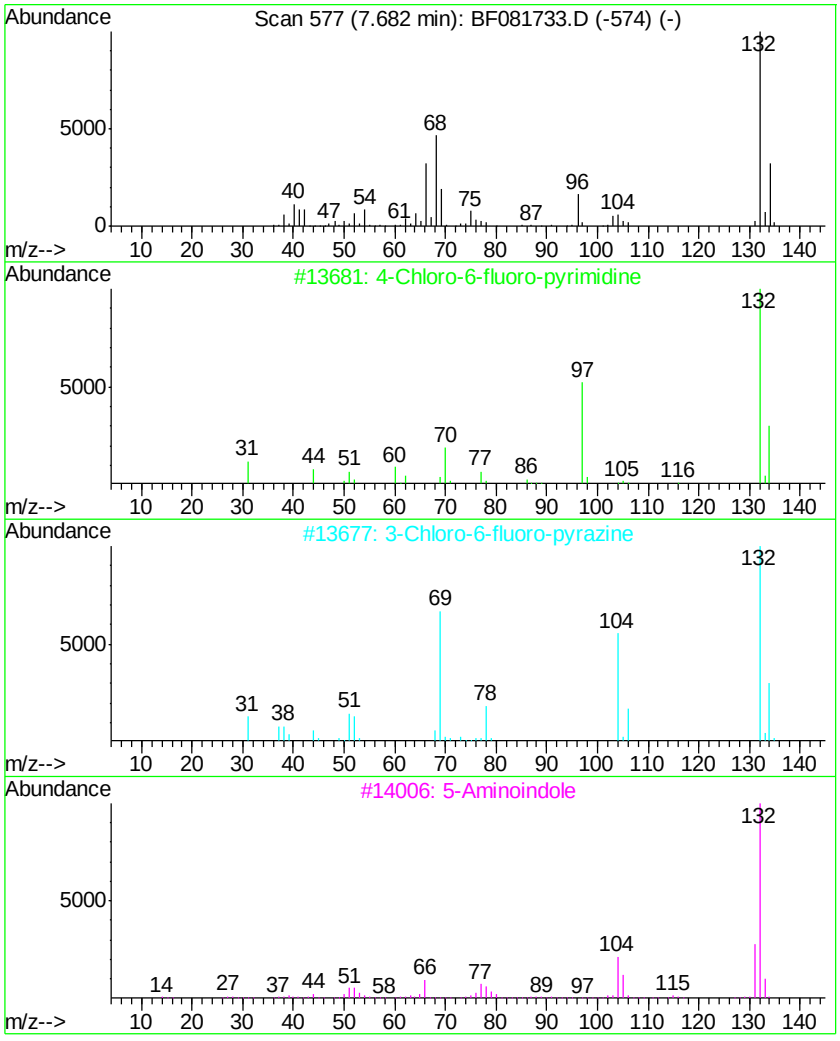
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

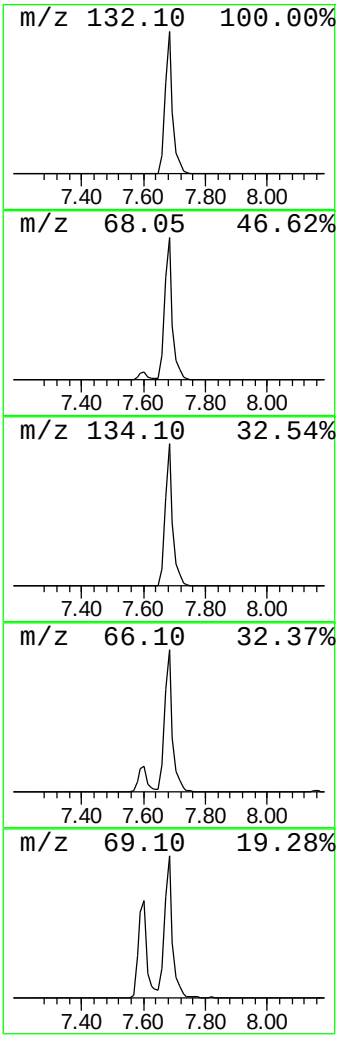
****

Peak Number 6 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	121.13 ng	1340130	1,4-Dichlorobenzene-d4	8.16

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	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	Xenon	132	Xe	007440-63-3	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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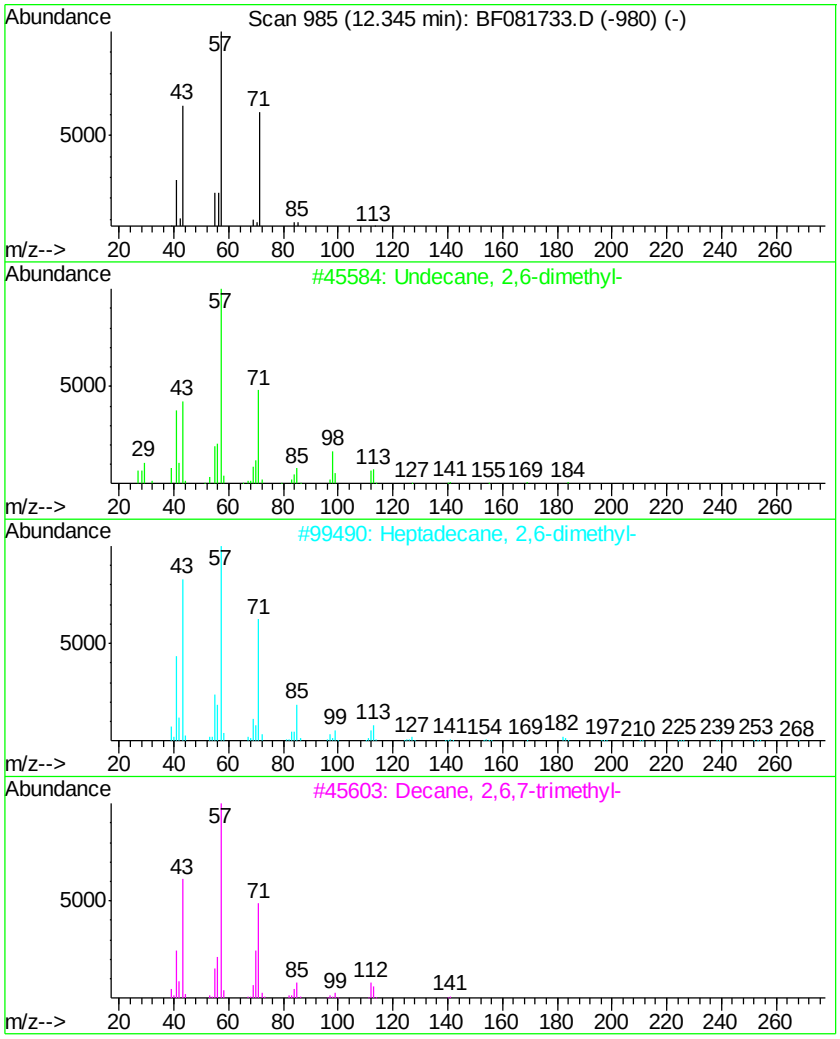
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

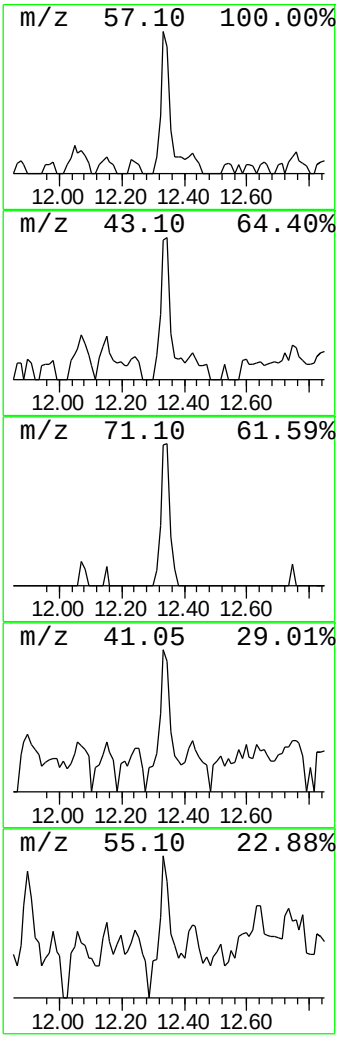
****

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	3.02 ng	41240	Naphthalene-d8	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	74
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	74
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	74
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64





Library Search Compound Report

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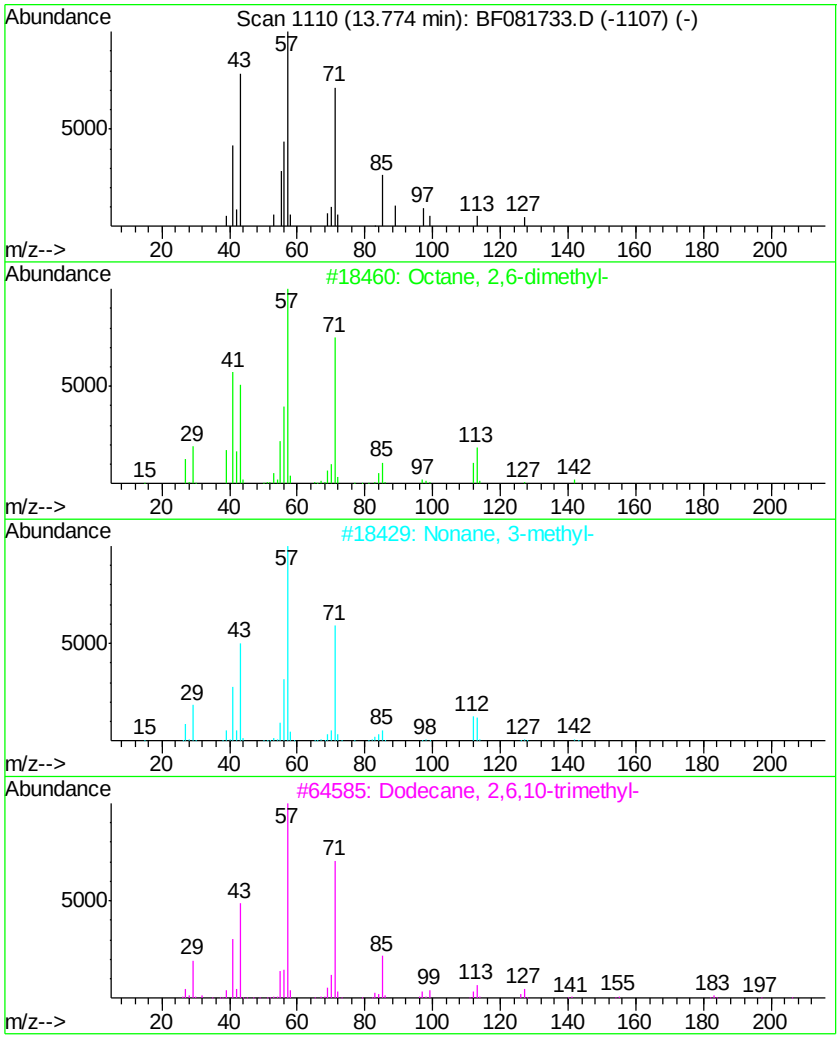
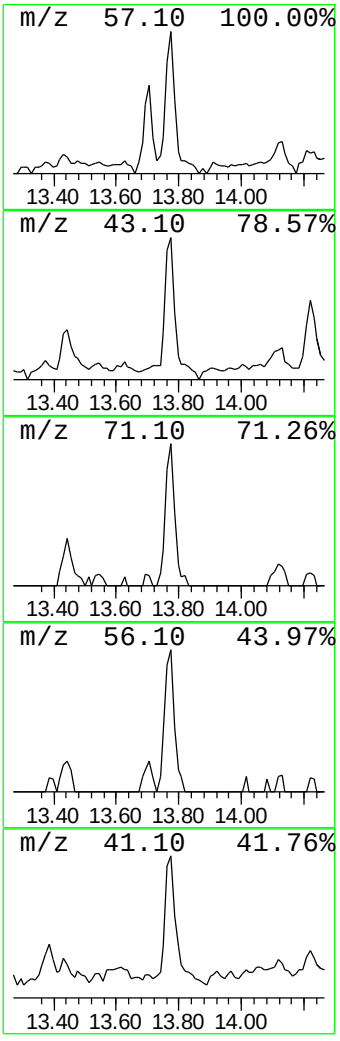
****

Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	5.98 ng	88914	Acenaphthene-d10	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
4	Tridecane	184	C13H28	000629-50-5	50
5	Hexatriacontane	507	C36H74	000630-06-8	50





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ClientSampleId : TRENCH-1-4

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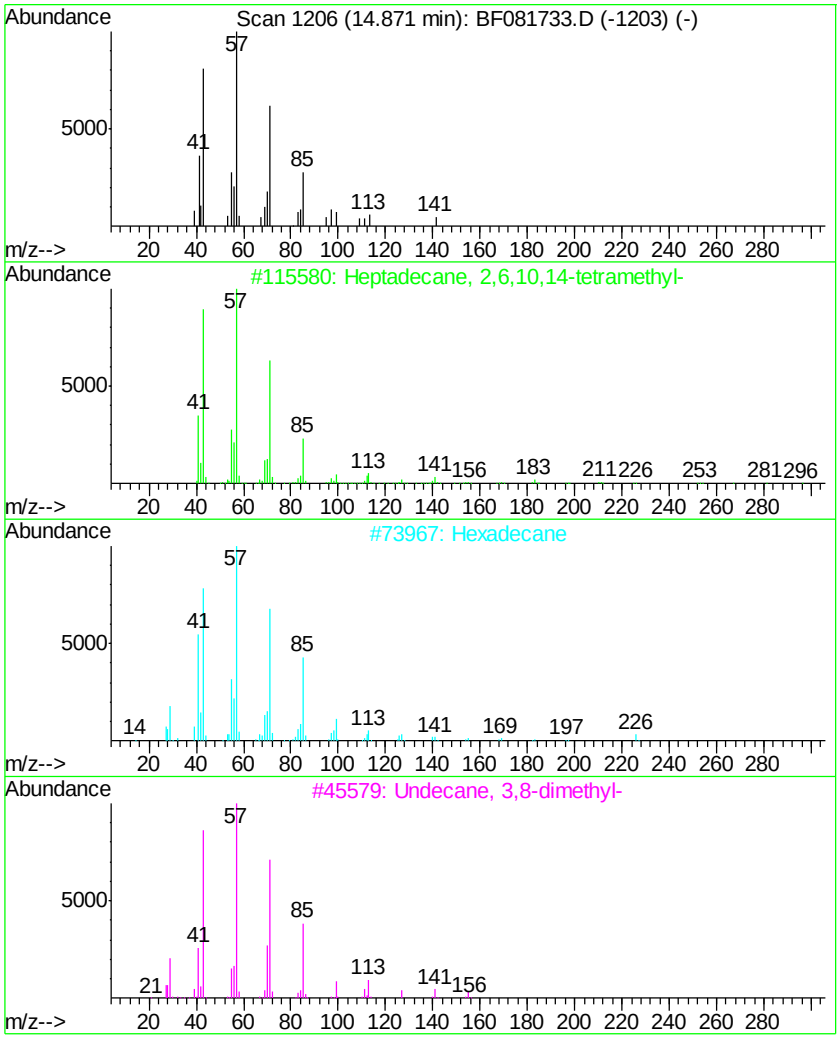
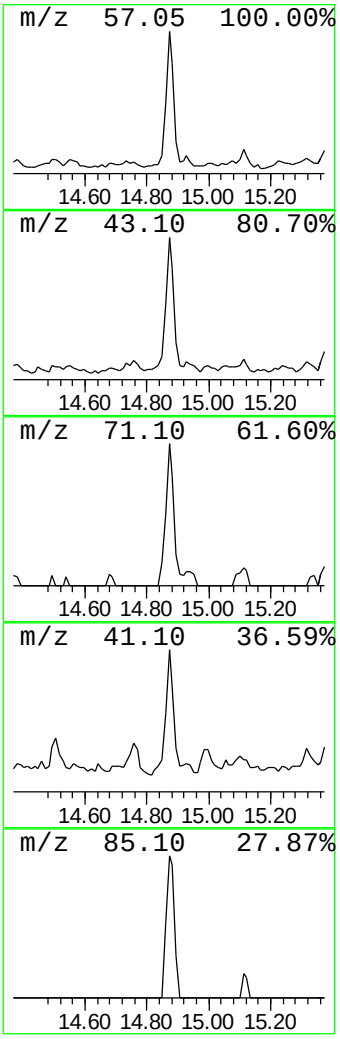
****

Peak Number 10 Heptadecane, 2,6,10,14-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	4.66 ng	69397	Acenaphthene-d10	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
2	Hexadecane	226	C16H34	000544-76-3	72
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Eicosane	282	C20H42	000112-95-8	64





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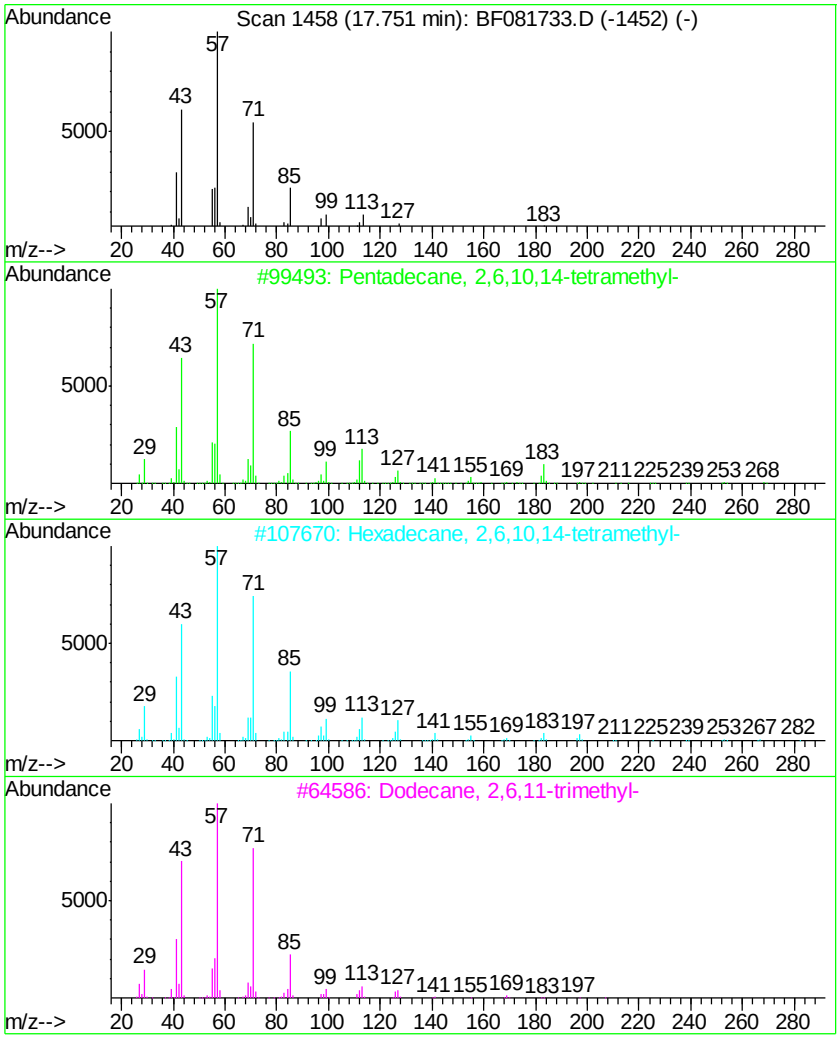
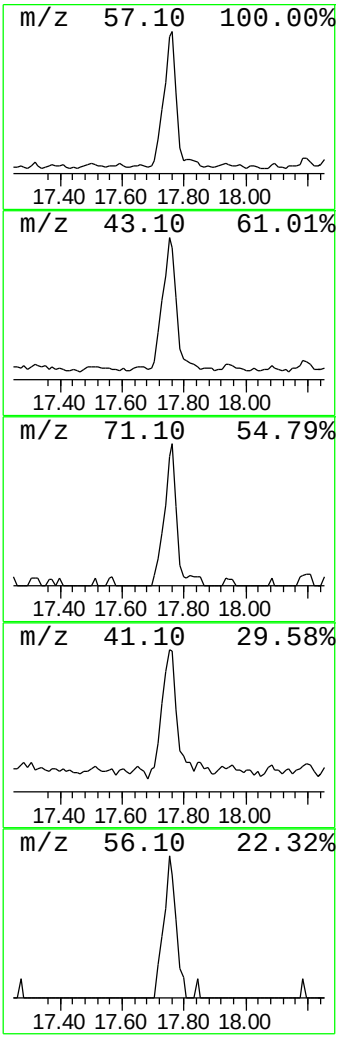
****

Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	7.71 ng	119435	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
5	Heptacosane	380	C27H56	000593-49-7	64





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Instrument : BNA_F
ClientSampleId : TRENCH-1-4

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

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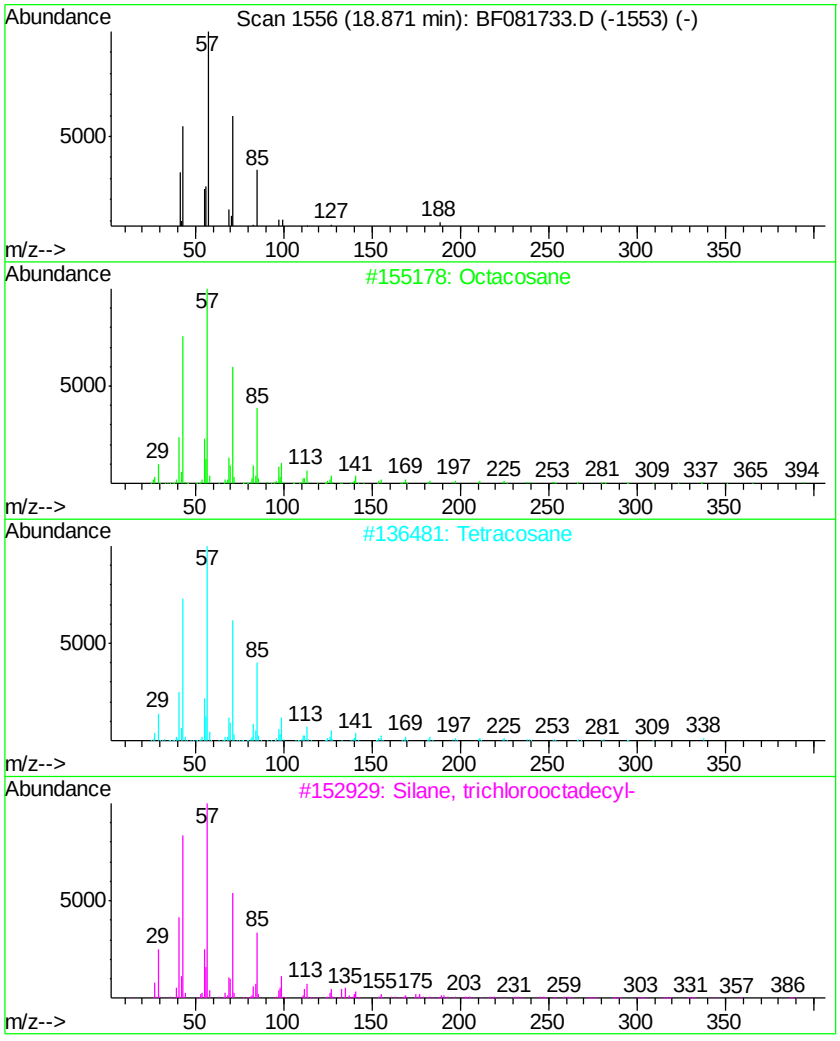
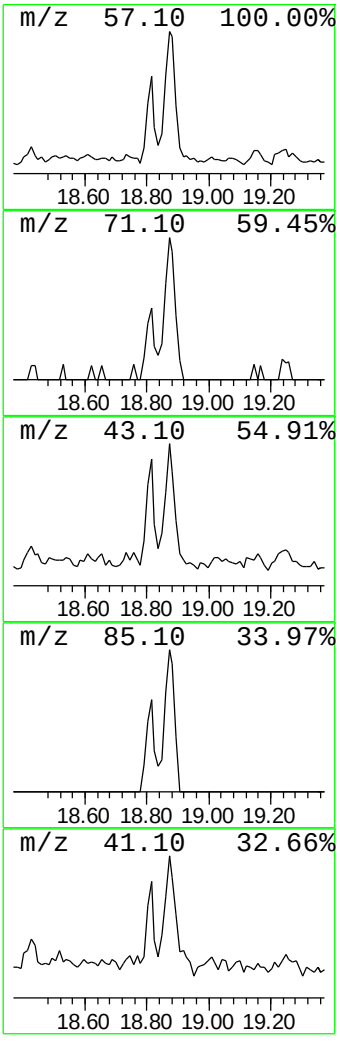
Peak Number 12 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	3.31 ng	51317	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	72
2	Tetracosane	338	C24H50	000646-31-1	64
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
4	10-Methylnonadecane	282	C20H42	056862-62-5	59
5	Tetradecane	198	C14H30	000629-59-4	59





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Sample : G3747-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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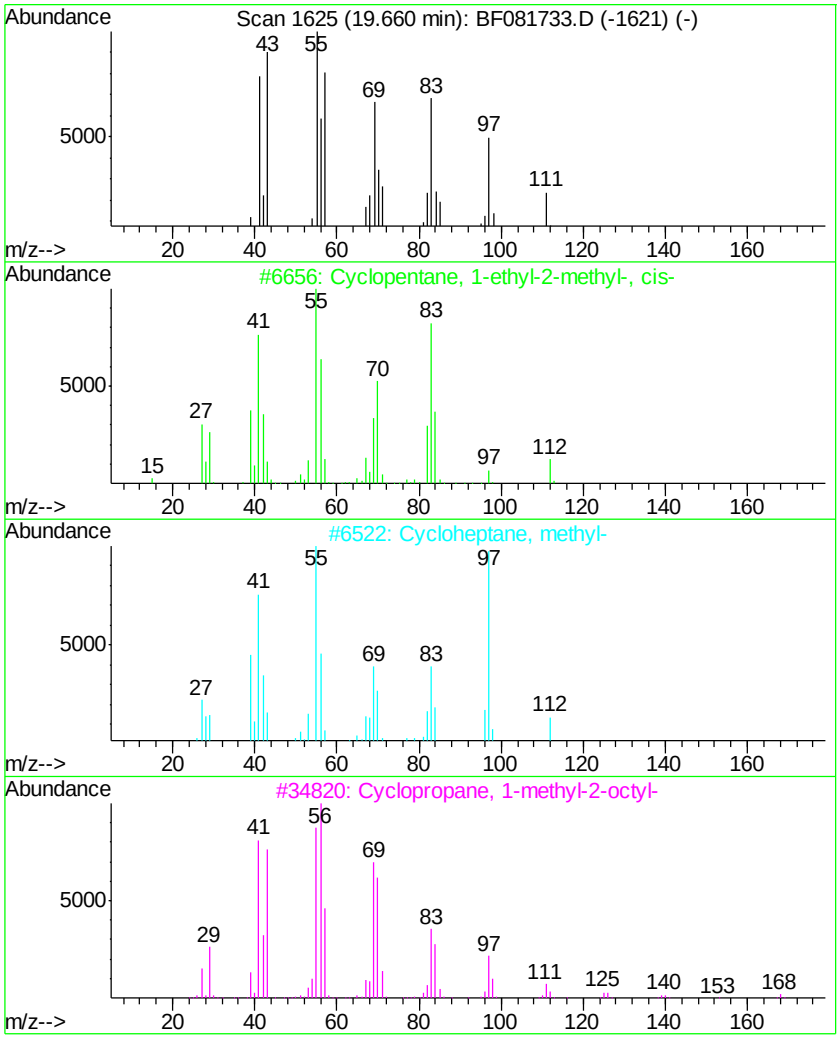
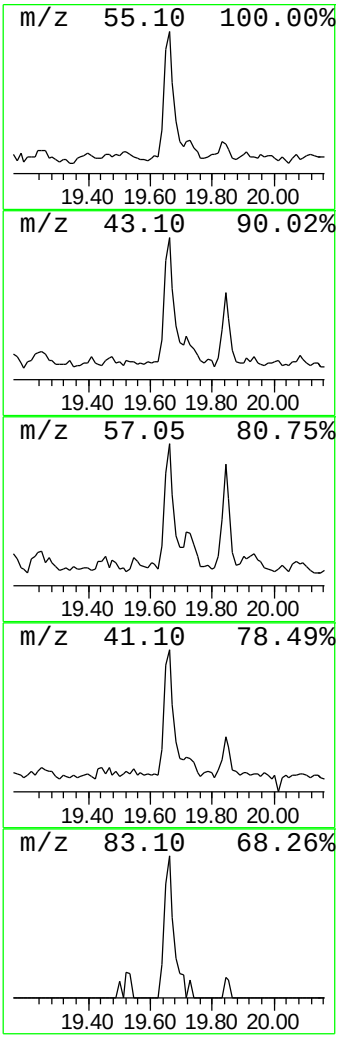
Peak Number 13 Cyclopentane, 1-ethyl-2-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	4.67 ng	72312	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	50
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	43
3	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	43
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	43
5	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081733.D
Acq On : 22 Sep 2015 4:27
Operator : UM/IZ
Sample : G3747-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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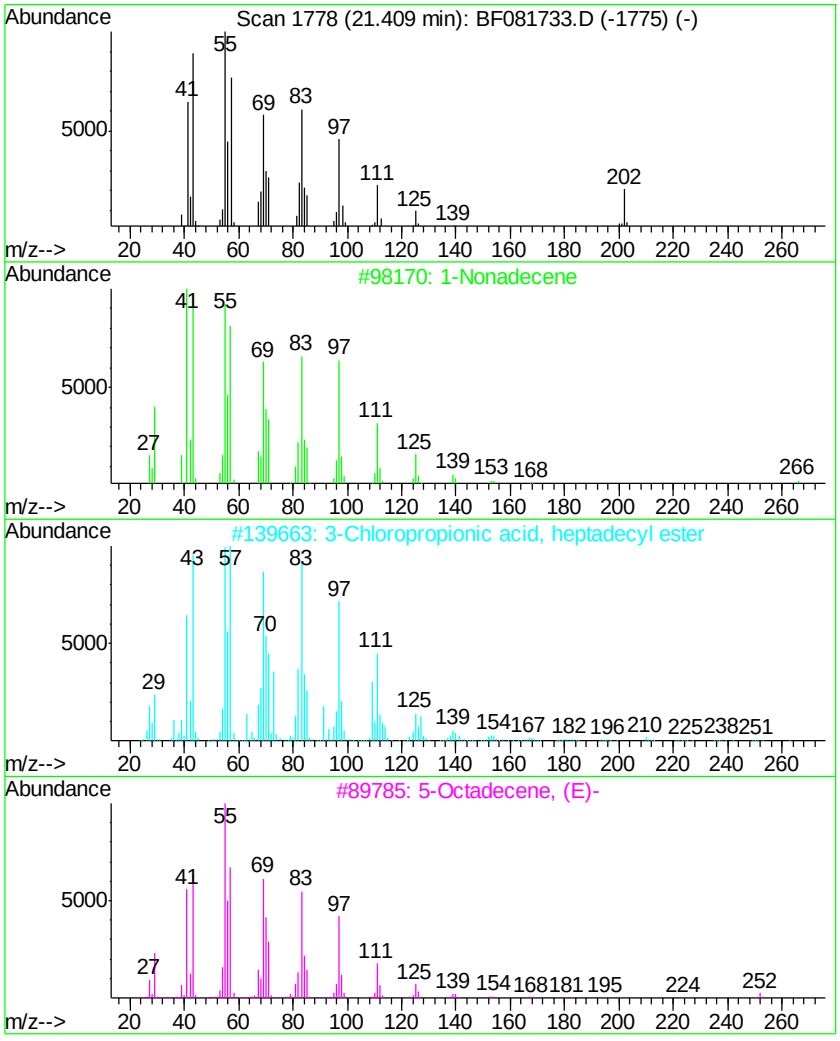
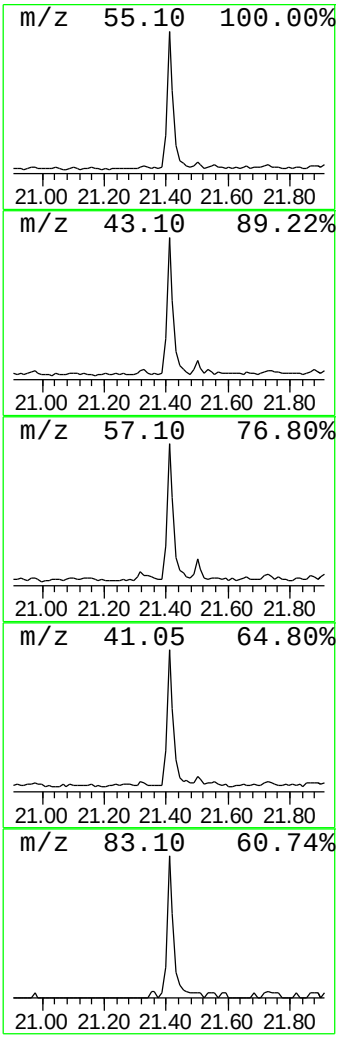
Peak Number 14 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	13.58 ng	199414	Chrysene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
4	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	86
5	1-Hexadecanol	242	C16H34O	036653-82-4	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081733.D
Acq On : 22 Sep 2015 4:27
Operator : UM/IZ
Sample : G3747-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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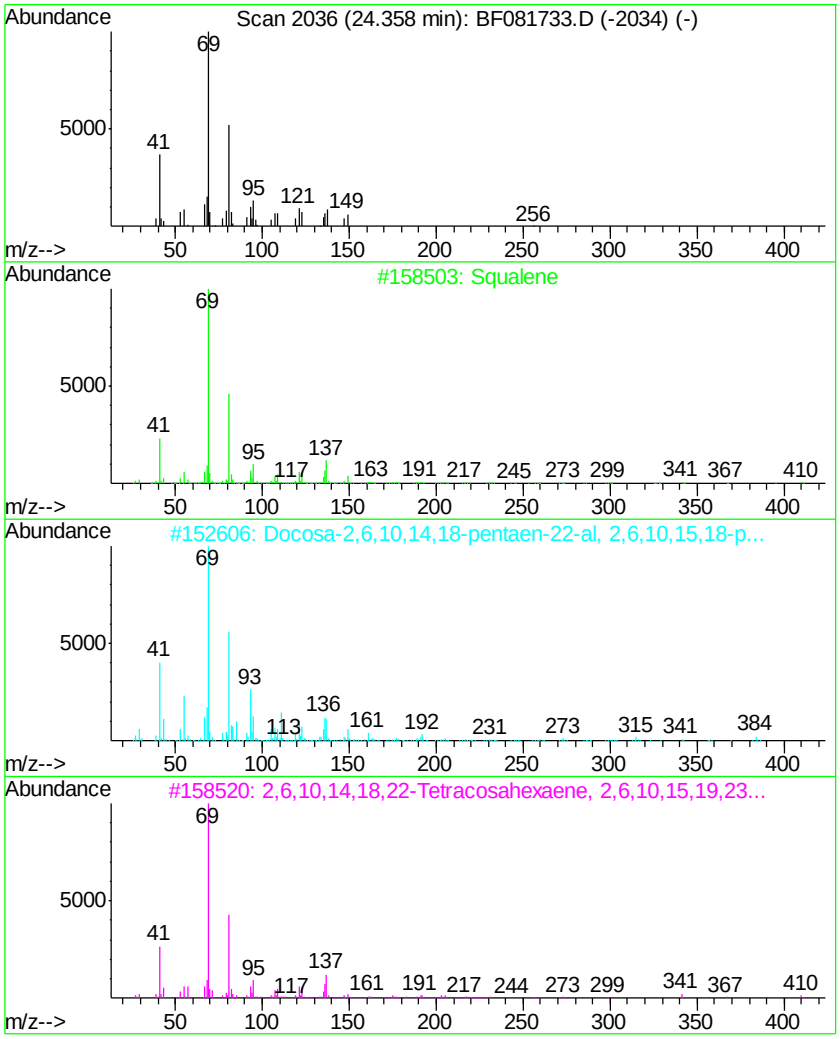
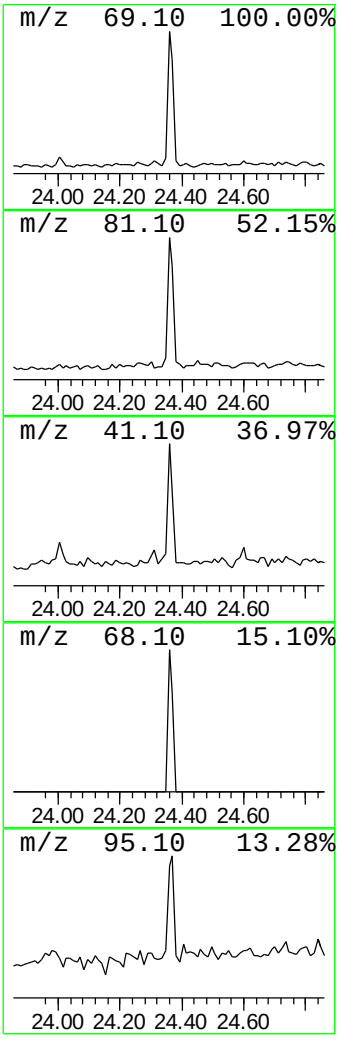
Peak Number 15 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	5.12 ng	50836	Perylene-d12	24.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	90
2	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	86
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	78
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
Data File : BF081733.D
Acq On : 22 Sep 2015 4:27
Operator : UM/IZ
Sample : G3747-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	1.22	100.1	ng	1107210	1	8.16	221264	20.0
2-Pentanone, 4-hy...	4.45	59.1	ng	654190	1	8.16	221264	20.0
unknown7.68	7.68	121.1	ng	1340130	1	8.16	221264	20.0
Undecane, 2,6-dim...	12.35	3.0	ng	41240	2	11.05	273448	20.0
Octane, 2,6-dimet...	13.77	6.0	ng	88914	3	15.19	297591	20.0
Heptadecane, 2,6,...	14.87	4.7	ng	69397	3	15.19	297591	20.0
Pentadecane, 2,6,...	17.75	7.7	ng	119435	4	18.70	309732	20.0
Octacosane	18.87	3.3	ng	51317	4	18.70	309732	20.0
Cyclopentane, 1-e...	19.66	4.7	ng	72312	4	18.70	309732	20.0
1-Nonadecene	21.41	13.6	ng	199414	5	23.35	293702	20.0
Squalene	24.36	5.1	ng	50836	6	24.79	198691	20.0