LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081732.D
Acq On : 22 Sep 2015 3:51
Operator : UM/IZ
Sample : G3747-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-1-3

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	rBV	1118335	1202483	42.96%	7.015%
2	1.304	17	19	29	rVB3	16576	44015	1.57%	0.257%
3	1.441	29	31	37	rBV	158439	434982	15.54%	2.537%
4	1.521	37	38	80	rVB	806828	2798817	100.00%	16.327%
5	2.504	120	124	127	rBV	973347	1620428	57.90%	9.453%
6	4.344	281	285	290	rBV	15305	34174	1.22%	0.199%
7	4.447	290	294	312	rVV	216532	622402	22.24%	3.631%
8	5.327	367	371	393	rBV	573739	1162646	41.54%	6.782%
9	7.602	566	570	574	rBV	582014	1145540	40.93%	6.682%
10	7.682	574	577	595	rVB	746268	1331373	47.57%	7.766%
11	8.162	616	619	626	rBB	131559	228255	8.16%	1.332%
12	8.482	644	647	659	rBB	525735	840552	30.03%	4.903%
13	9.465	729	733	756	rBV	422443	769597	27.50%	4.489%
14	11.054	869	872	880	rBV	142195	277149	9.90%	1.617%
15	13.705	1100	1104	1108	rBV	698406	1195369	42.71%	6.973%
16	14.768	1194	1197	1205	rBV	99634	206099	7.36%	1.202%
17	15.191	1230	1234	1242	rBB	169073	307339	10.98%	1.793%
18	17.100	1397	1401	1415	rBB	381824	751521	26.85%	4.384%
19	18.700	1538	1541	1548	rBV	166194	319170	11.40%	1.862%
20	19.660	1622	1625	1633	rBB	14476	30576	1.09%	0.178%
21	20.460	1692	1695	1701	rBV	16861	35427	1.27%	0.207%
22	22.072	1833	1836	1838	rBV	937229	1181304	42.21%	6.891%
23	23.318	1942	1945	1946	rBV	58505	84834	3.03%	0.495%
24	23.352	1946	1948	1954	rVB	218773	285058	10.18%	1.663%
25	24.358	2034	2036	2039	rVB	24747	33097	1.18%	0.193%
26	24.792	2071	2074	2080	rBV	141902	200446	7.16%	1.169%

Sum of corrected areas: 17142653

LSC Report - Integrated Chromatogram

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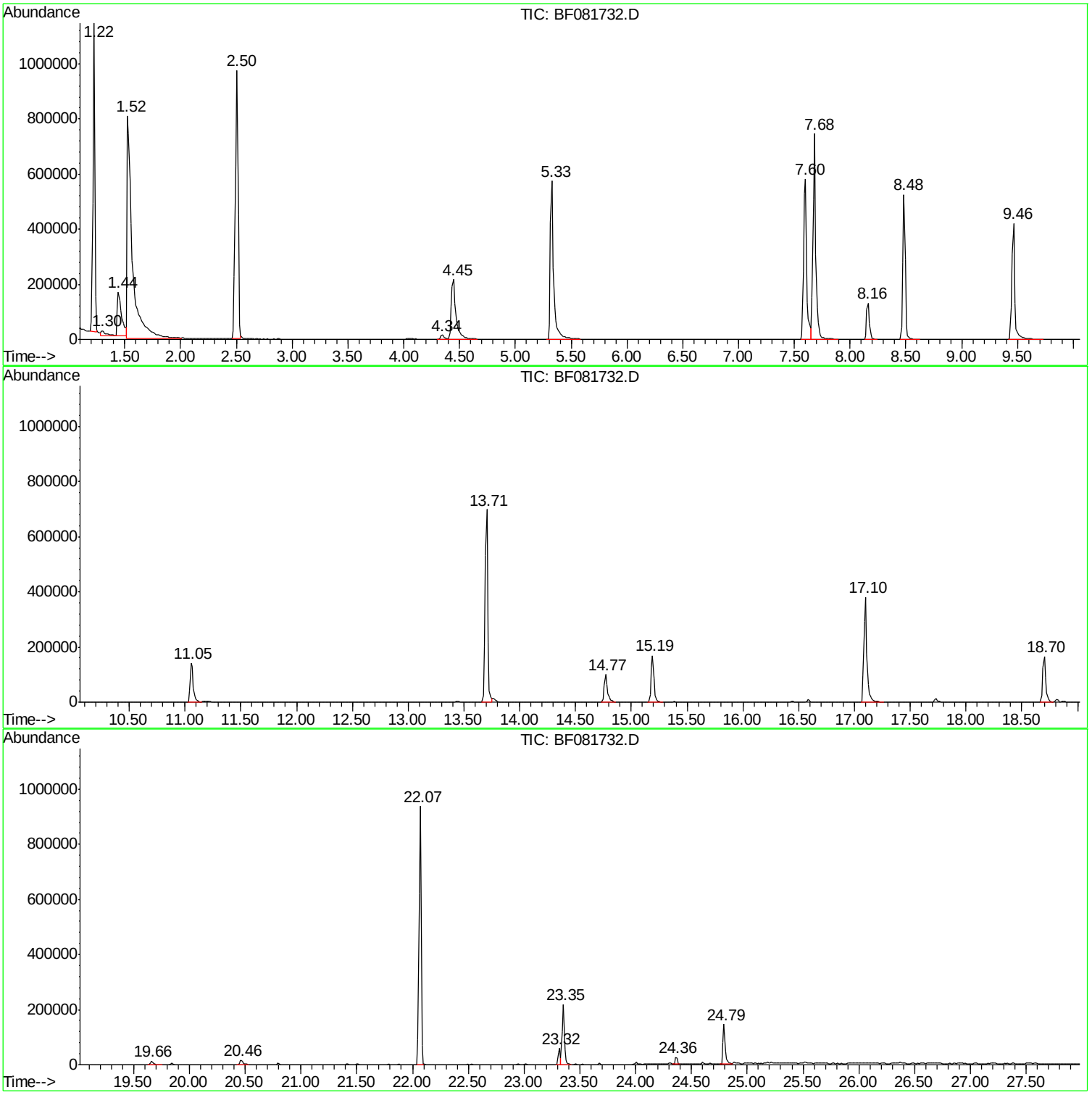
Instrument : BNA_F
ClientSampleId : TRENCH-1-3

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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Acq On : 22 Sep 2015 3:51
Operator : UM/IZ
Sample : G3747-03
Misc :
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Instrument : BNA_F
ClientSampleId : TRENCH-1-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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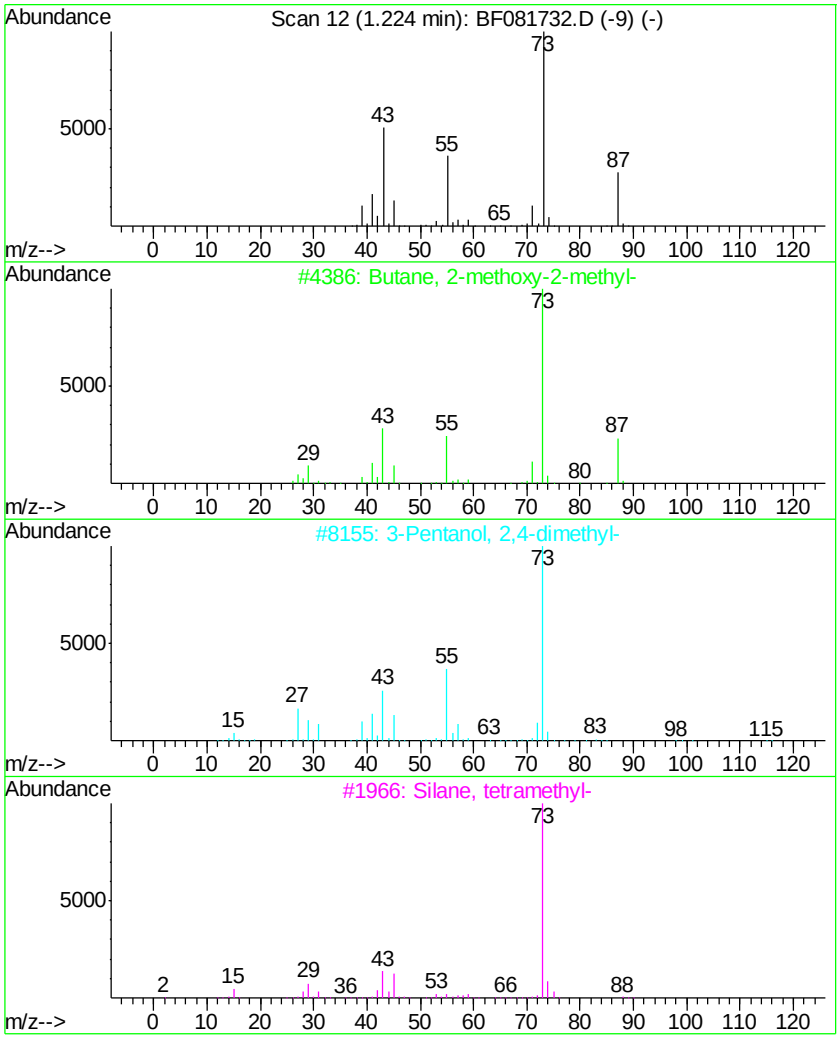
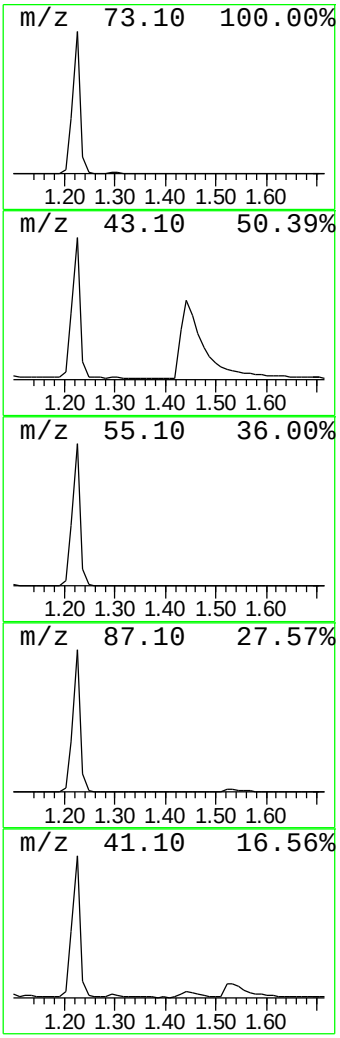
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	105.36 ng	1202480	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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081732.D
Acq On : 22 Sep 2015 3:51
Operator : UM/IZ
Sample : G3747-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-1-3

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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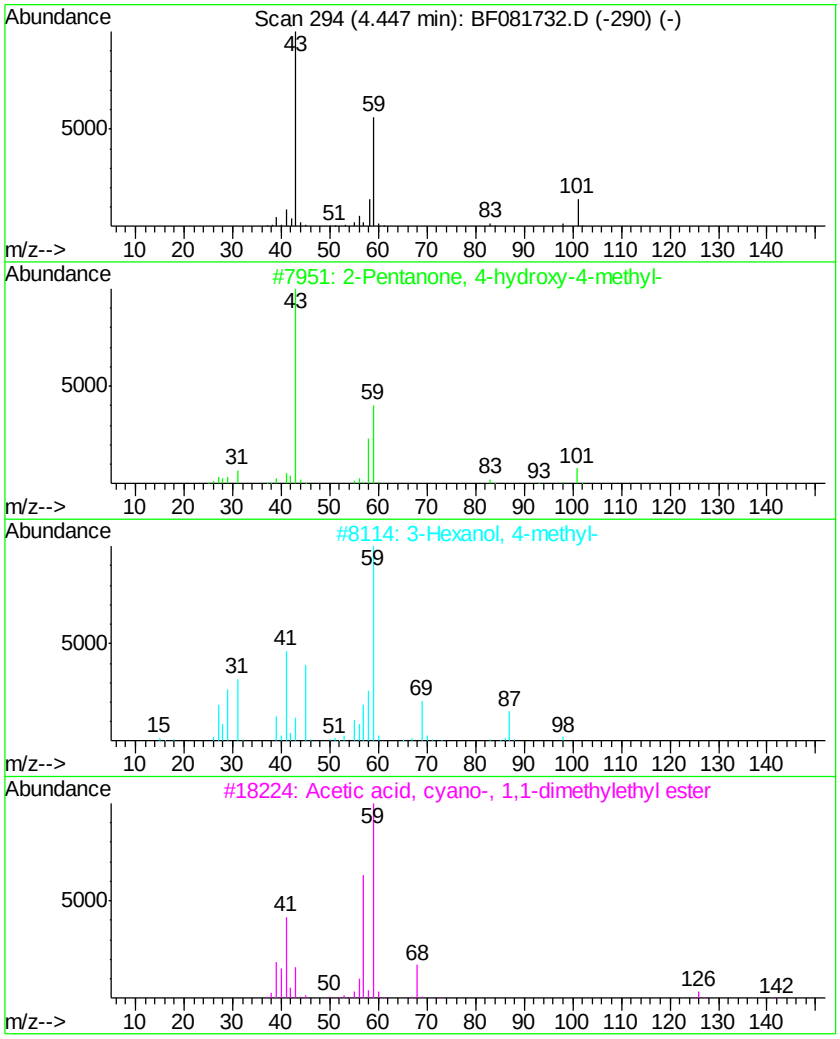
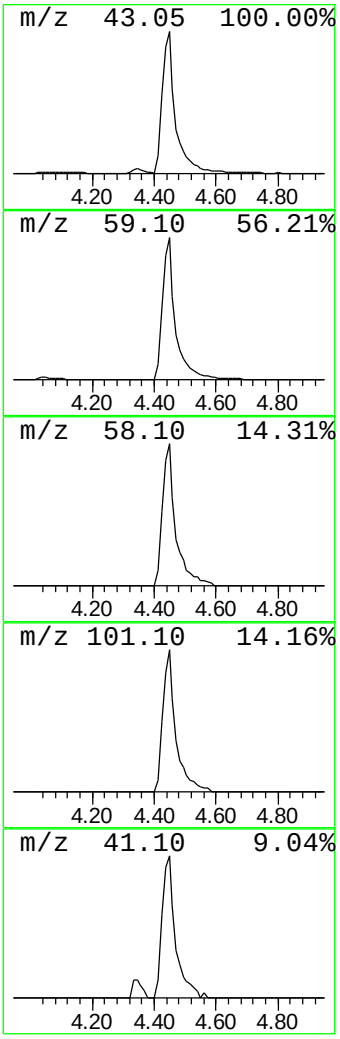
Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	54.54 ng	622402	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	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
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Operator : UM/IZ
Sample : G3747-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-1-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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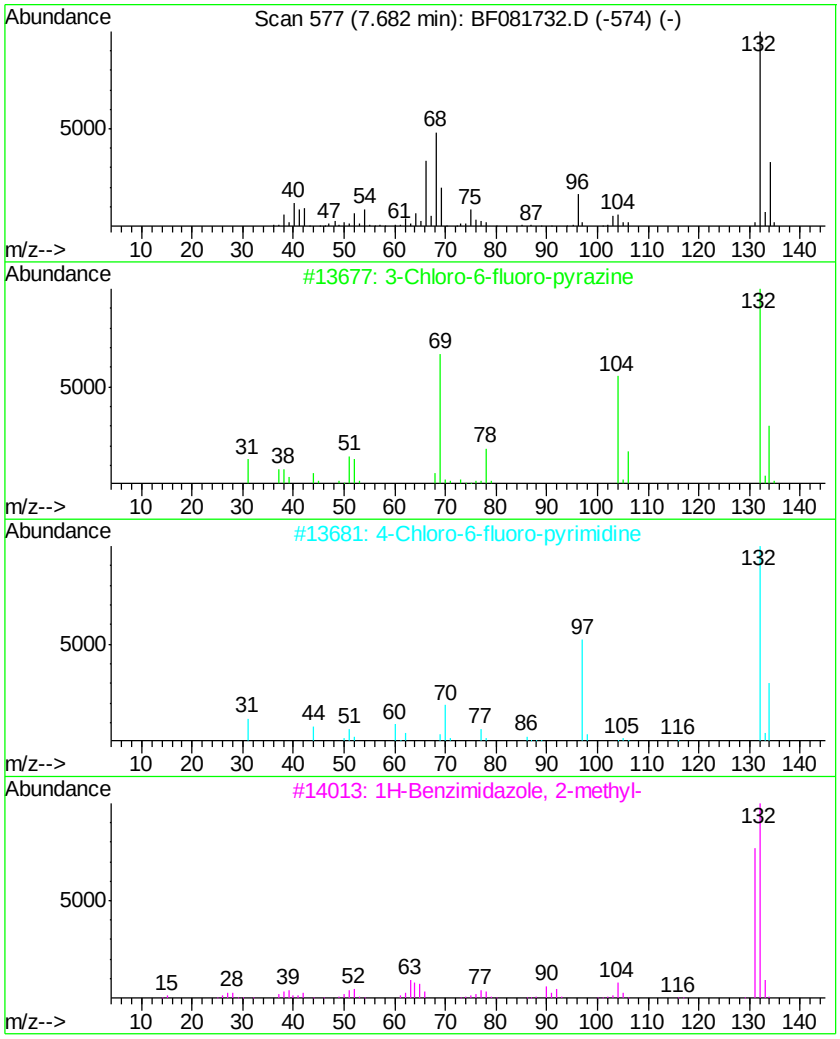
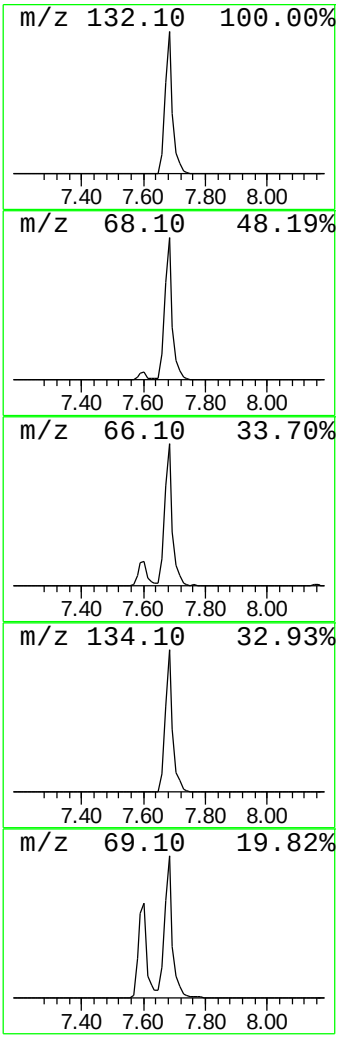
Peak Number 8 unknown7.68 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	116.66 ng	1331370	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_F
ClientSampleId : TRENCH-1-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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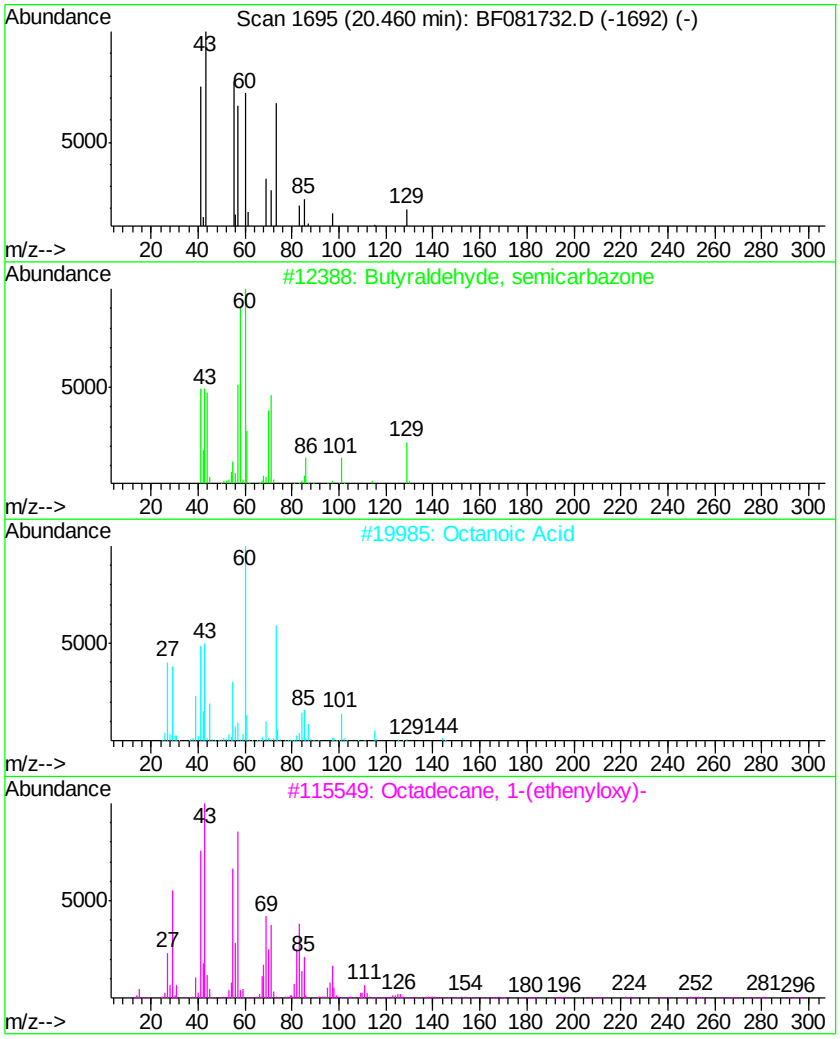
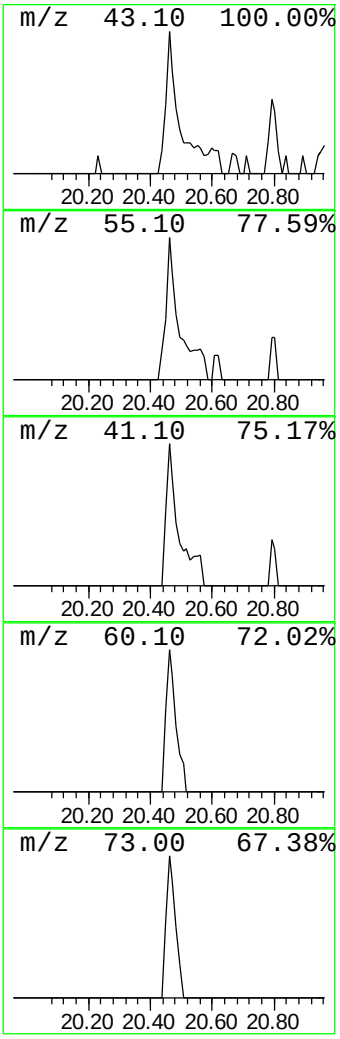
Peak Number 10 unknown20.46 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	2.22 ng	35427	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyraldehyde, semicarbazone	129	C5H11N3O	013183-21-6	46
2	Octanoic Acid	144	C8H16O2	000124-07-2	32
3	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	27
4	Nonanoic acid	158	C9H18O2	000112-05-0	25
5	Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	25





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-1-3

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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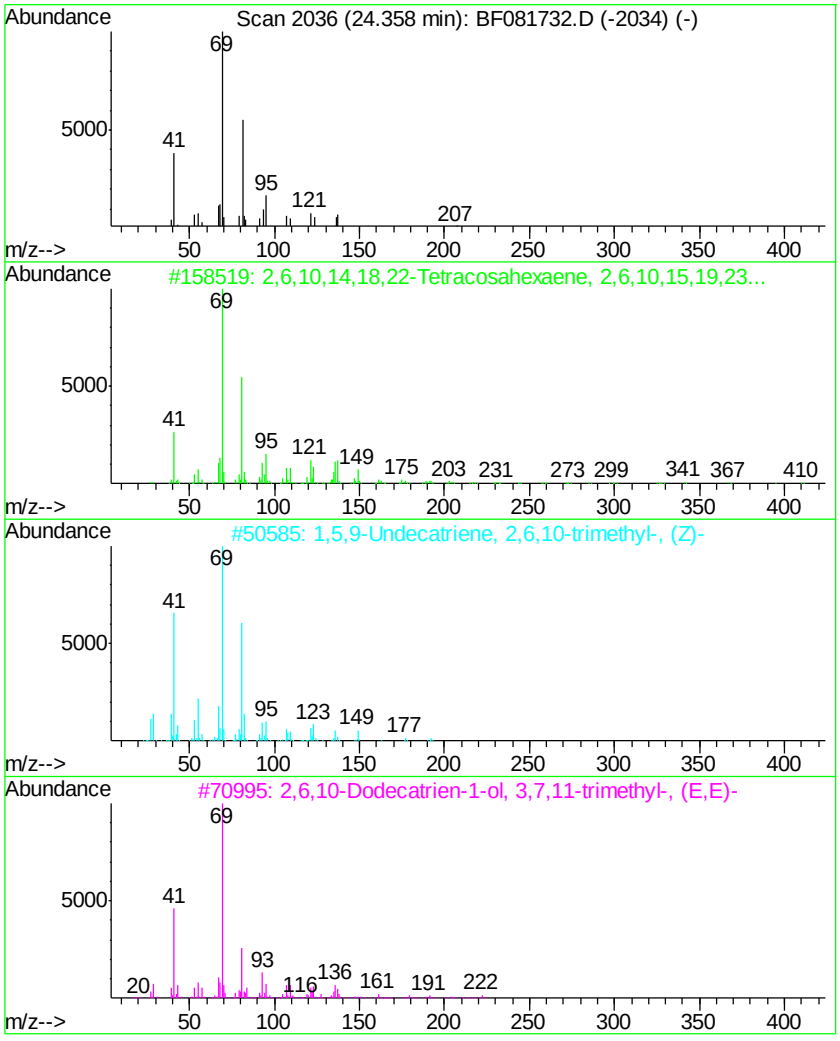
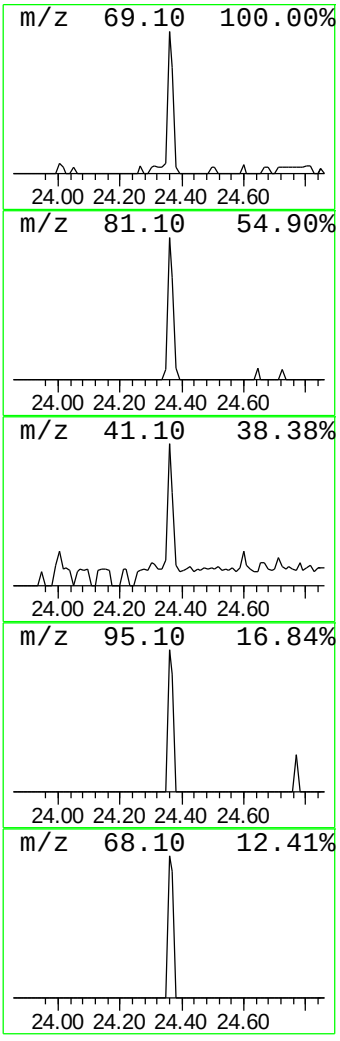
Peak Number 11 2,6,10,14,18,22-Tetracosahe... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	3.30 ng	33097	Perylene-d12	24.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	83
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	78
4	Squalene	410	C30H50	007683-64-9	74
5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	1.22	105.4	ng	1202480	1	8.16	228255	20.0
2-Pentanone, 4-hy...	4.45	54.5	ng	622402	1	8.16	228255	20.0
unknown7.68	7.68	116.7	ng	1331370	1	8.16	228255	20.0
unknown20.46	20.46	2.2	ng	35427	4	18.70	319170	20.0
2,6,10,14,18,22-T...	24.36	3.3	ng	33097	6	24.79	200446	20.0