LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

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-BF102317.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	2.163	11	13	28	rVB	79553	169545	2.96%	0.824%
2	4.998	492	495	505	rBV	203806	269452	4.71%	1.310%
3	5.410	562	565	584	rBV	1243907	1398022	24.43%	6.796%
4	5.586	591	595	605	rBV2	40479	60876	1.06%	0.296%
5	6.222	694	703	706	rBV	50633	62167	1.09%	0.302%
6	6.434	735	739	751	rBV	1180779	1330389	23.25%	6.467%
7	6.557	757	760	767	rVB	1418499	1398133	24.43%	6.796%
8	6.786	795	799	804	rBV	510086	455209	7.95%	2.213%
9	6.939	821	825	832	rVB	1343046	1141554	19.95%	5.549%
10	7.098	847	852	862	rBV	31864	59914	1.05%	0.291%
11	7.186	862	867	874	rBV3	40504	63098	1.10%	0.307%
12	7.357	892	896	902	rBV	739152	772865	13.50%	3.757%
13	7.833	973	977	980	rBV3	53915	63792	1.11%	0.310%
14	8.069	1013	1017	1020	rBV	602827	519216	9.07%	2.524%
15	8.433	1076	1079	1083	rBV	68929	74220	1.30%	0.361%
16	9.004	1172	1176	1179	rVB	77638	74864	1.31%	0.364%
17	9.139	1195	1199	1203	rBV	1642090	1434757	25.07%	6.974%
18	9.239	1214	1216	1222	rBV2	79354	72636	1.27%	0.353%
19	9.380	1237	1240	1246	rBV	62994	80070	1.40%	0.389%
20	9.539	1262	1267	1272	rBV2	207371	260503	4.55%	1.266%
21	9.722	1294	1298	1302	rBV3	54884	87921	1.54%	0.427%
22	9.822	1312	1315	1318	rVB	547401	430717	7.53%	2.094%
23	9.969	1336	1340	1342	rBV3	101090	154013	2.69%	0.749%
24	10.004	1343	1346	1348	rBV	115730	95752	1.67%	0.465%
25	10.039	1348	1352	1354	rBV4	115523	162694	2.84%	0.791%
26	10.069	1354	1357	1361	rBV2	239840	295038	5.16%	1.434%
27	10.133	1366	1368	1372	rBV3	78672	111418	1.95%	0.542%
28	10.186	1374	1377	1379	rBV2	111238	113232	1.98%	0.550%
29	10.221	1380	1383	1387	rBV4	311310	407903	7.13%	1.983%
30	10.474	1421	1426	1432	rBV	995012	2023458	35.36%	9.836%
31	10.621	1449	1451	1454	rBV2	310801	368351	6.44%	1.791%
32	10.751	1467	1473	1482	rBV	2170020	5723114	100.00%	27.820%
33	13.992	2022	2024	2030	rVB	402389	439859	7.69%	2.138%
34	15.439	2267	2270	2278	rVB	311788	397257	6.94%	1.931%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 20572009

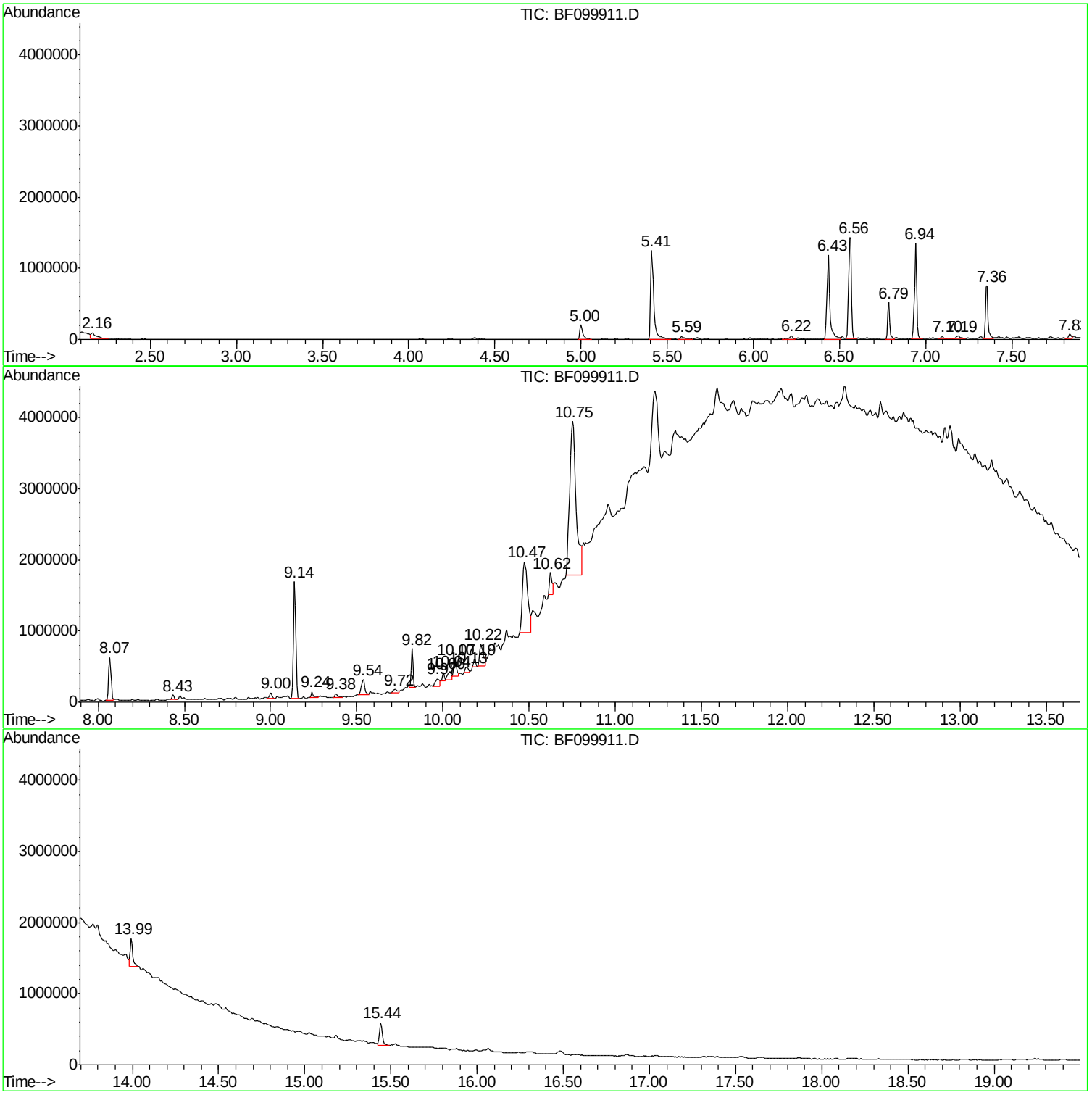
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

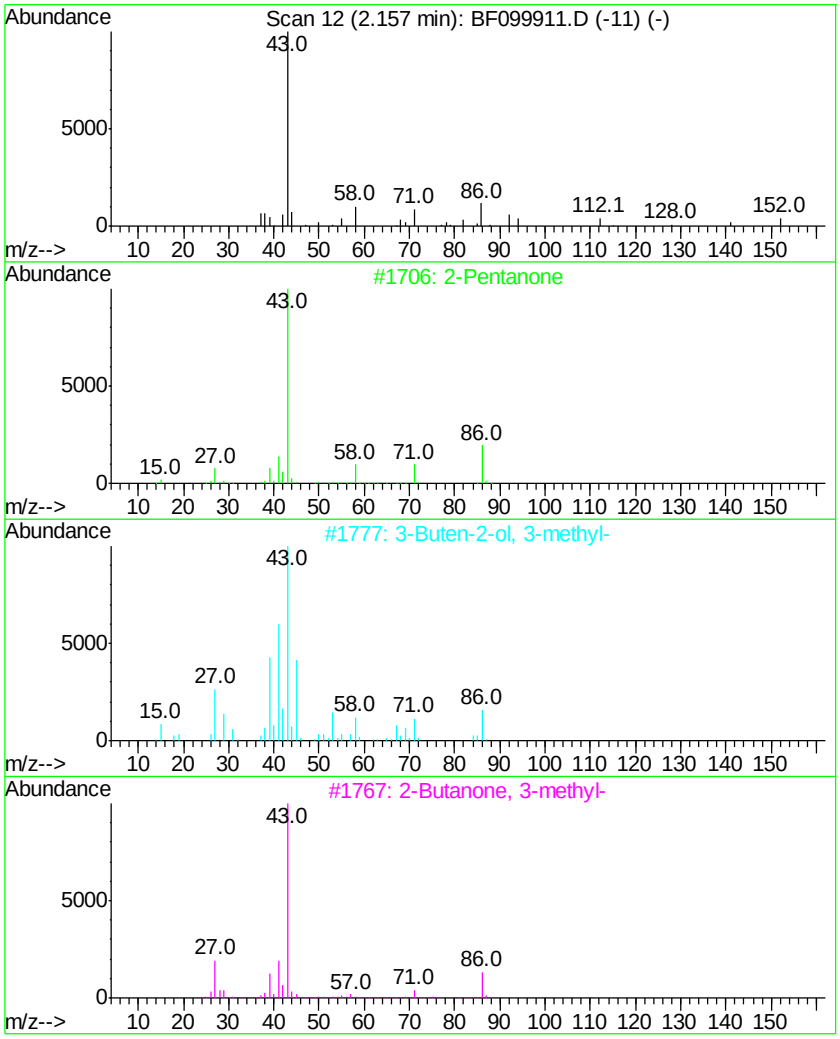
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

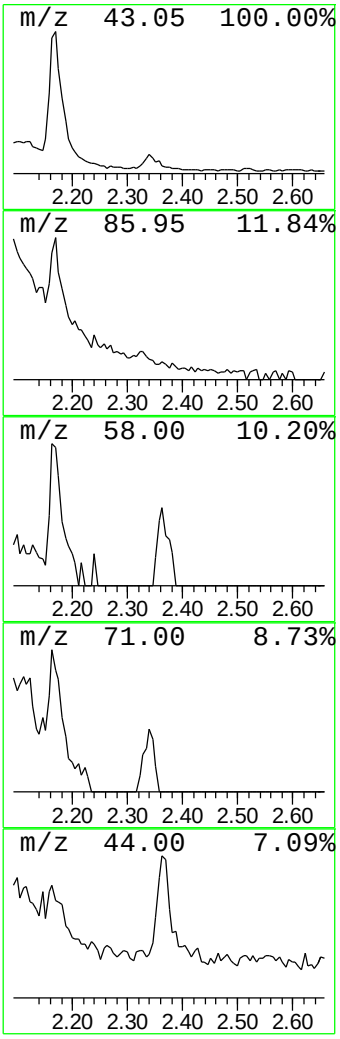
****

Peak Number 1 2-Pentanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	7.45 ng	169545	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	72
2	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	9
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
4	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	9
5	1,2-Ethanediol, diacetate	146	C6H10O4	000111-55-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

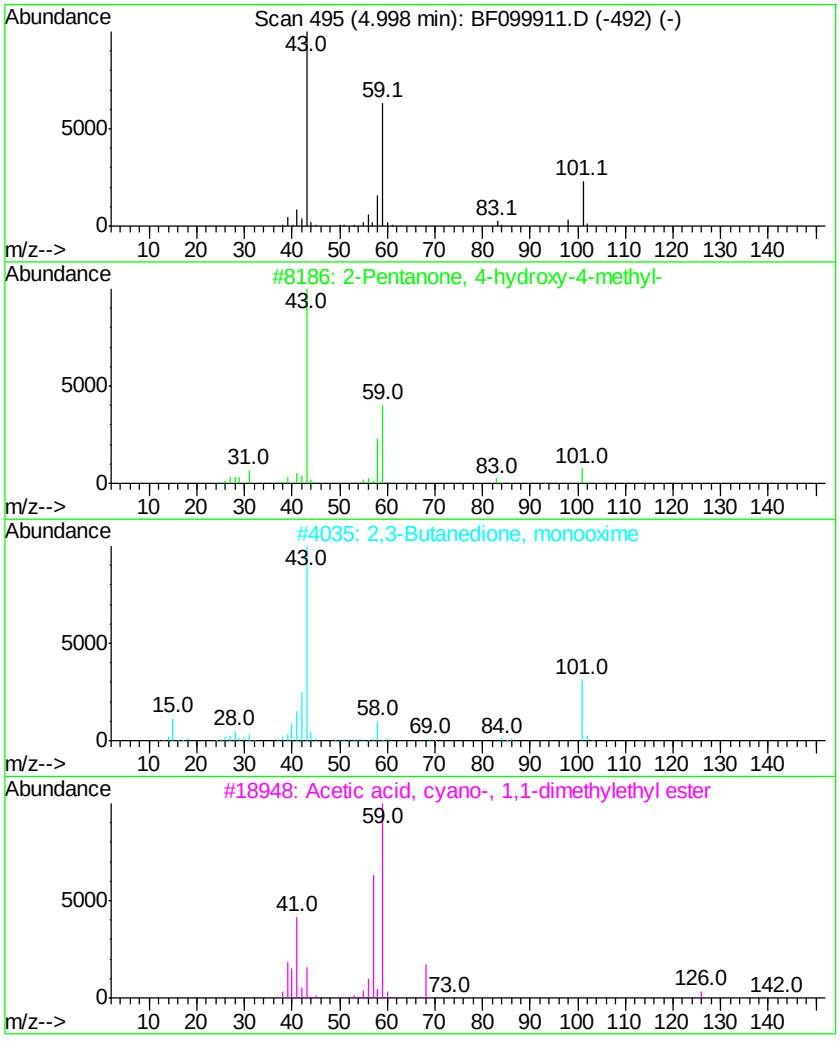
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

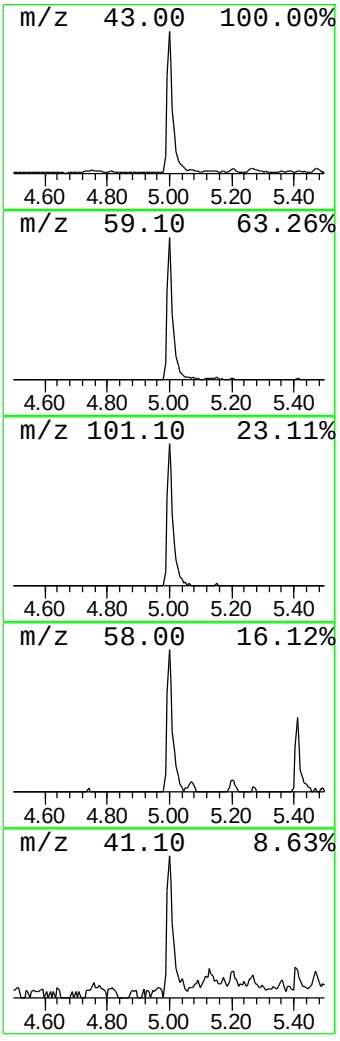
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	11.84 ng	269452	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Guanidine	59	CH5N3	000113-00-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

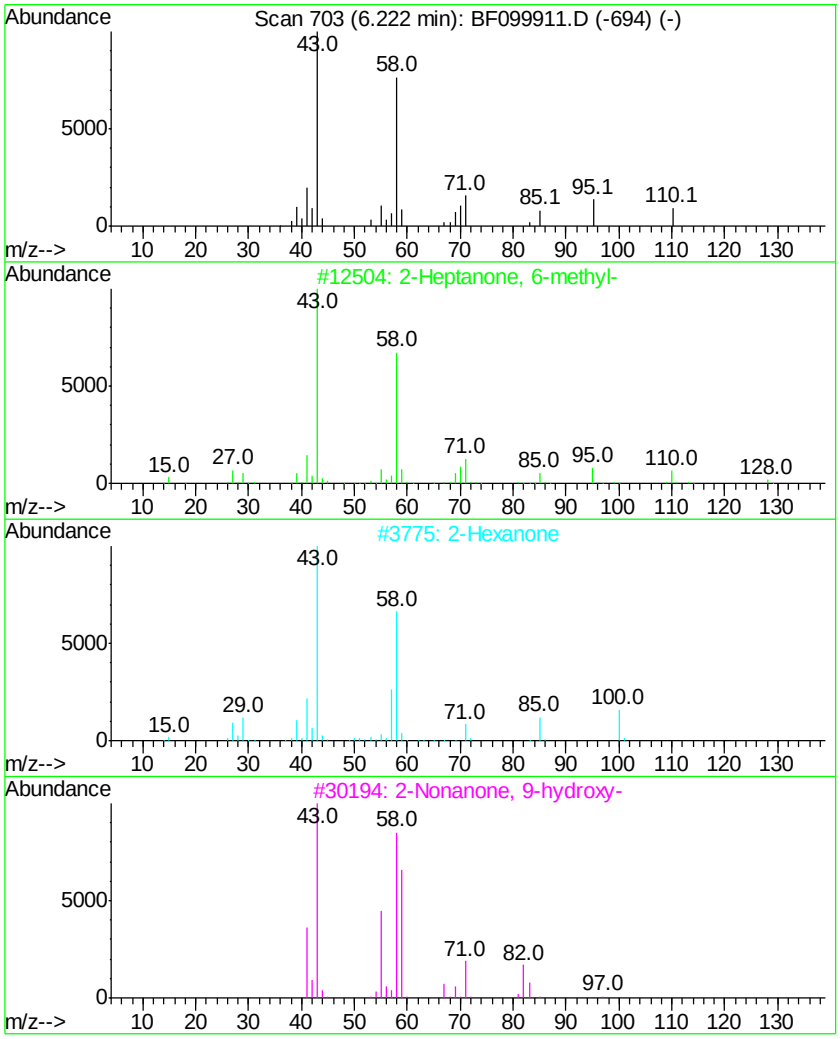
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

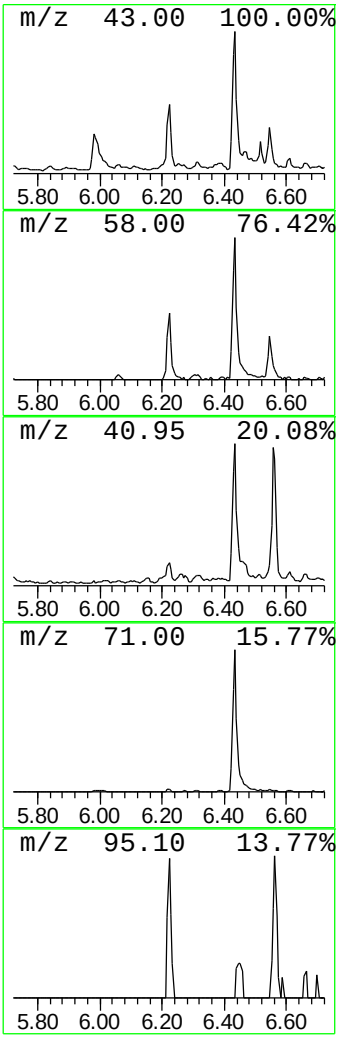
****

Peak Number 3 2-Heptanone, 6-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	2.73 ng	62167	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	83
2	2-Hexanone	100	C6H12O	000591-78-6	59
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	45
4	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	38
5	Pentanal, 2,4-dimethyl-	114	C7H14O	027944-79-2	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

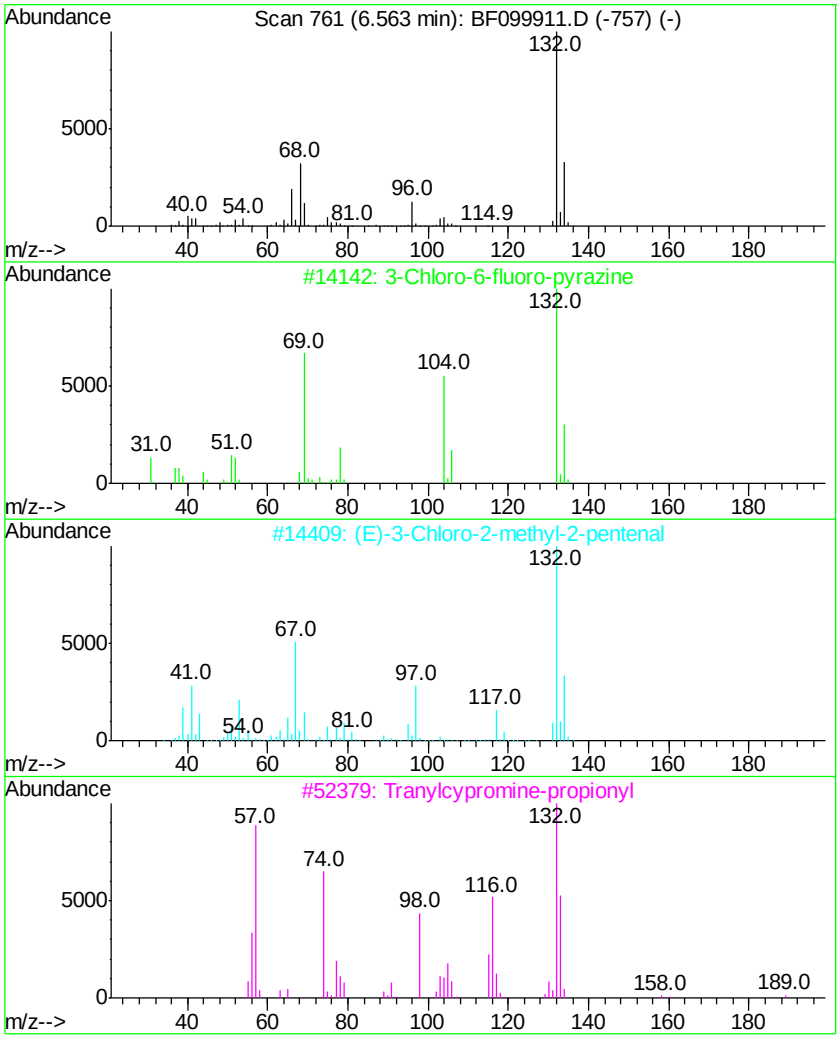
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

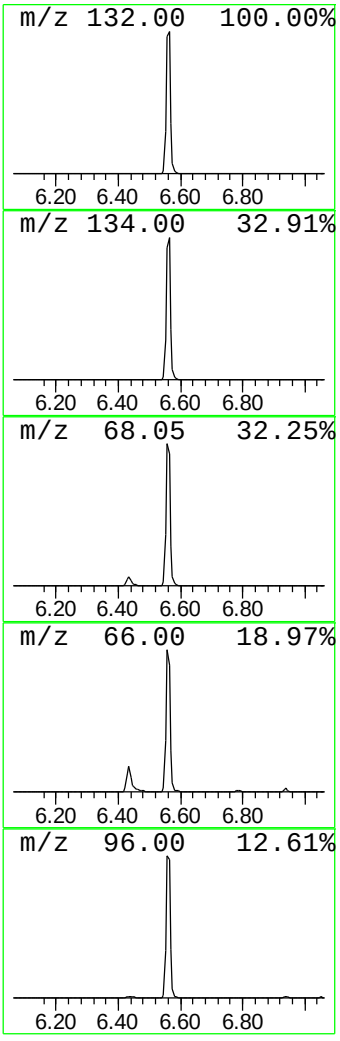
****

Peak Number 4 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	61.43 ng	1398130	1,4-Dichlorobenzene-d4	6.79

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	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

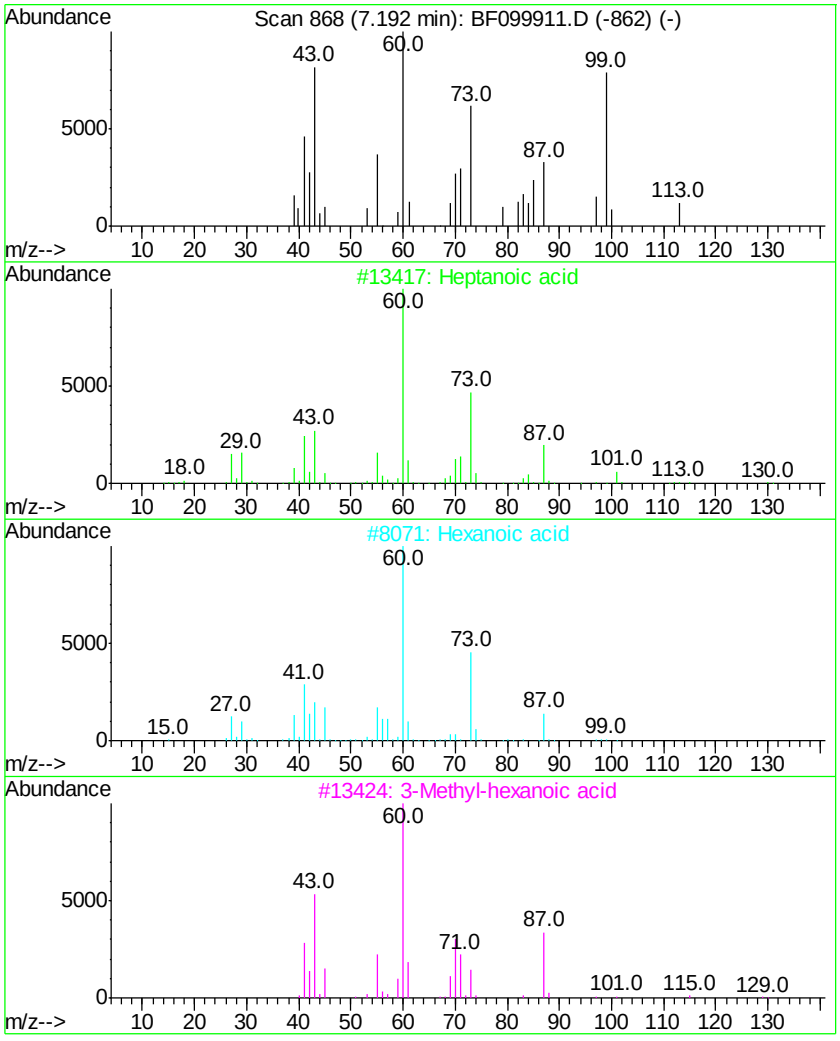
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

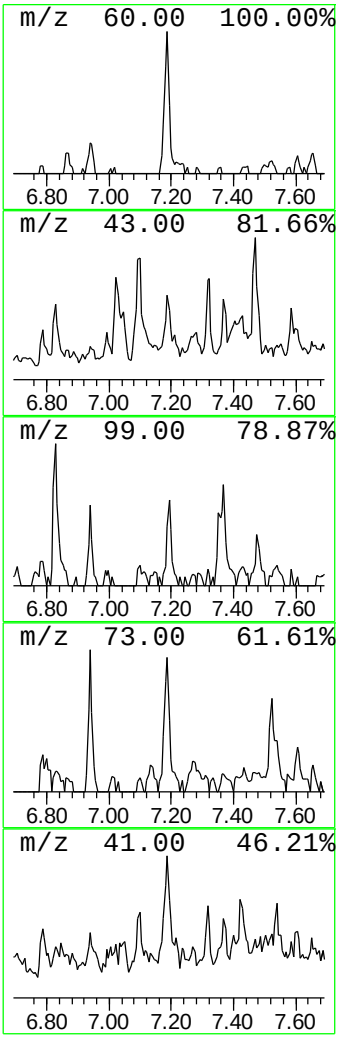
****

Peak Number 6 Heptanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	2.77 ng	63098	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	50
2	Hexanoic acid	116	C6H12O2	000142-62-1	50
3	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	42
4	.beta.-Methyl xyloside	164	C6H12O5	1000130-04-0	36
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

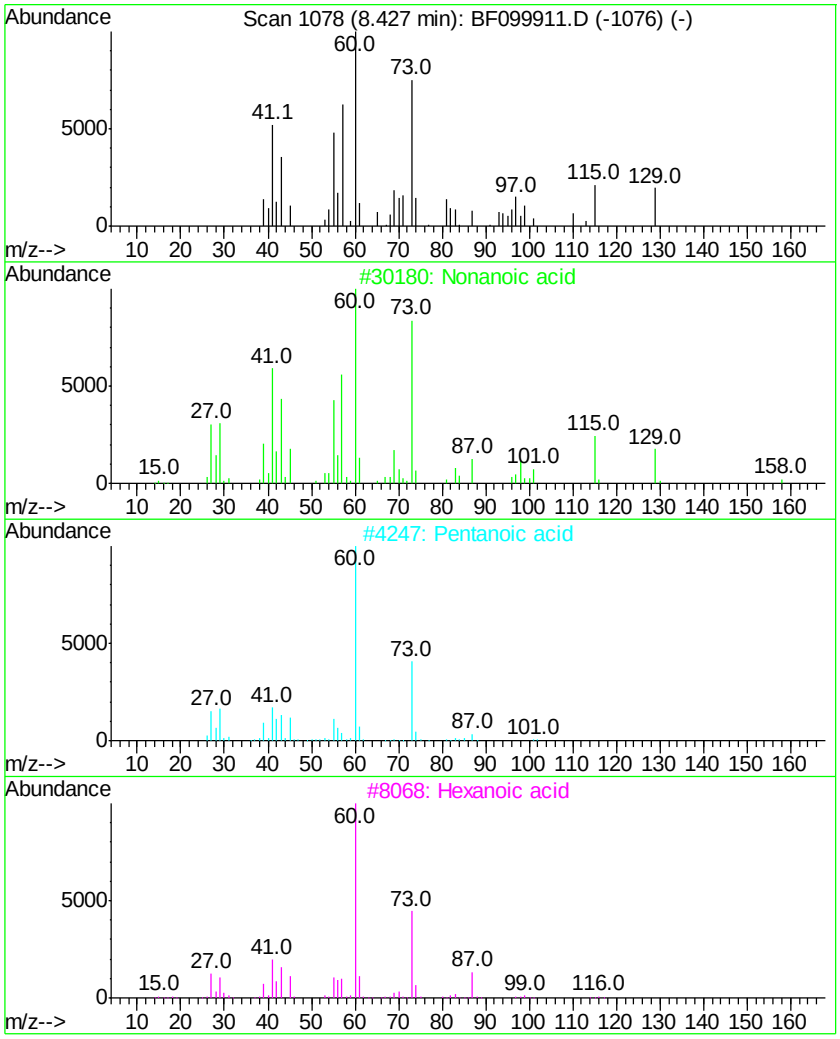
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

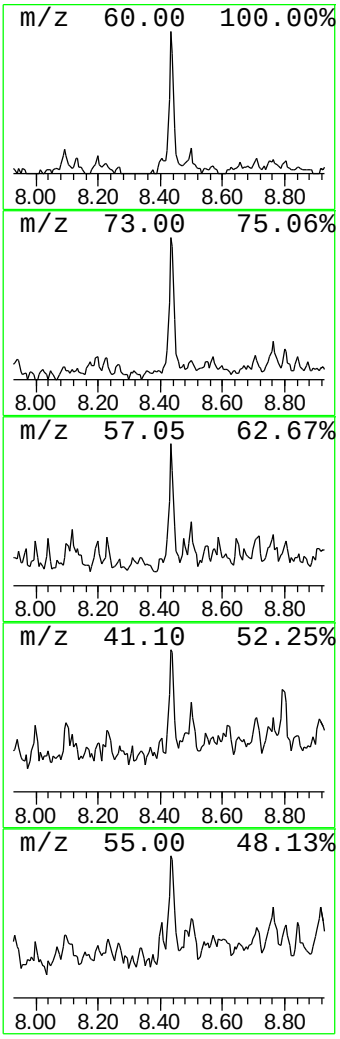
****

Peak Number 7 Nonanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	2.86 ng	74220	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	72
2	Pentanoic acid	102	C5H10O2	000109-52-4	47
3	Hexanoic acid	116	C6H12O2	000142-62-1	47
4	Octanoic acid	144	C8H16O2	000124-07-2	40
5	Heptanoic acid	130	C7H14O2	000111-14-8	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

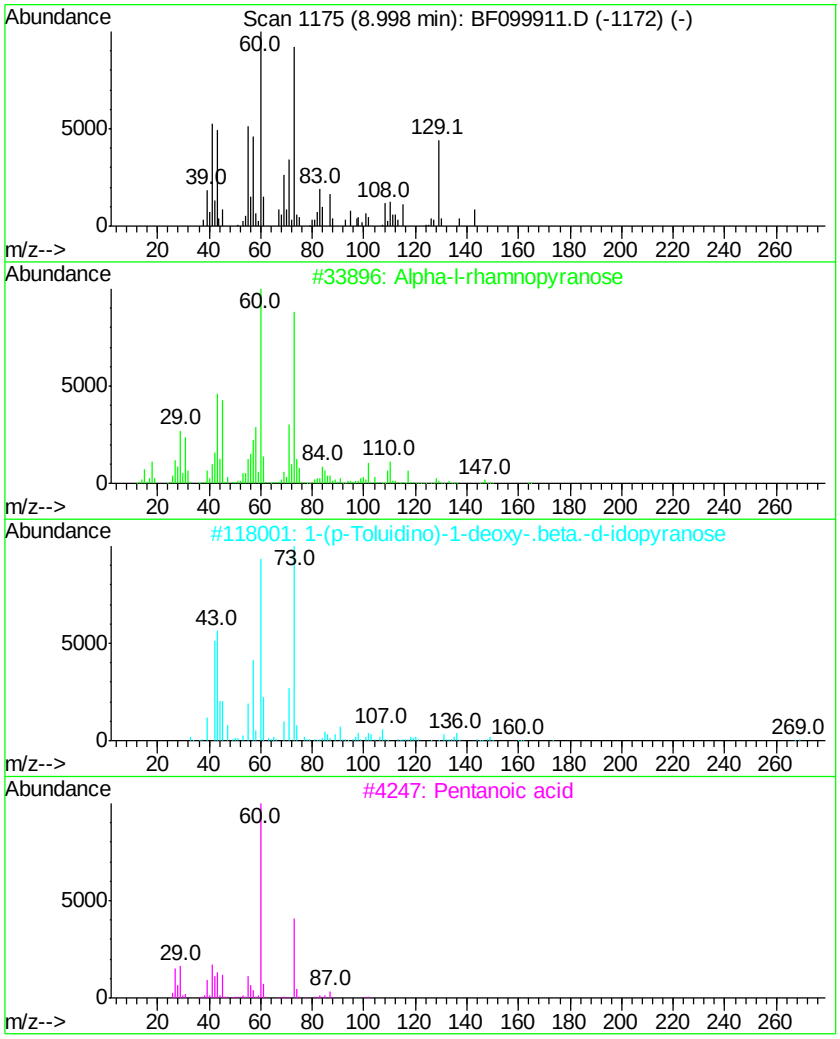
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

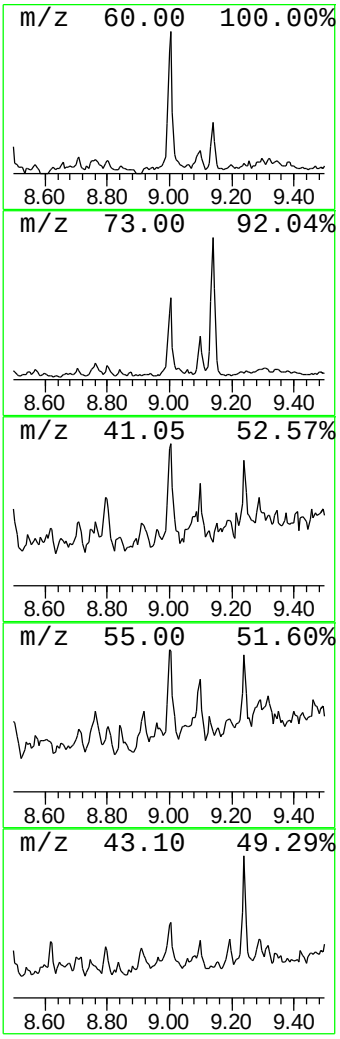
****

Peak Number 8 Alpha-l-rhamnopyranose Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	3.48 ng	74864	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alpha-l-rhamnopyranose	164	C6H12O5	035810-56-1	50
2	1-(p-Toluidino)-1-deoxy-.beta.-d...	269	C13H19NO5	1000226-06-4	38
3	Pentanoic acid	102	C5H10O2	000109-52-4	38
4	.alpha.-L-Galactopyranoside, met...	178	C7H14O5	014687-15-1	37
5	Hexanoic acid	116	C6H12O2	000142-62-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

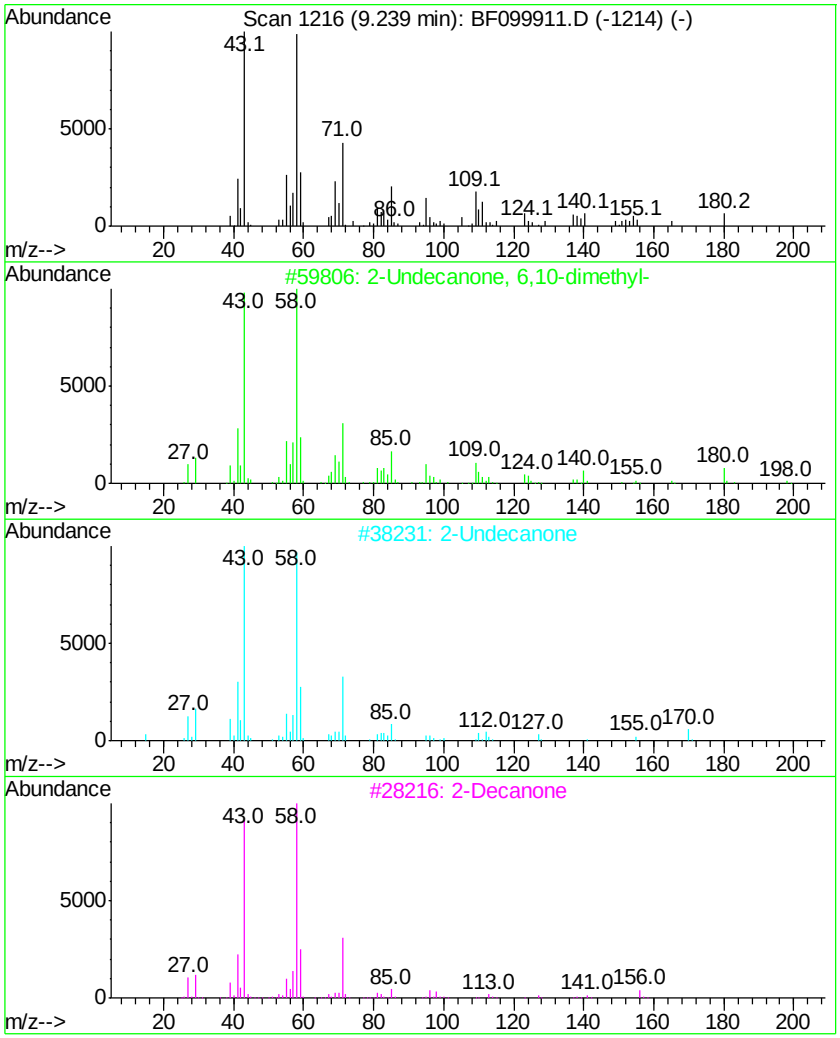
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

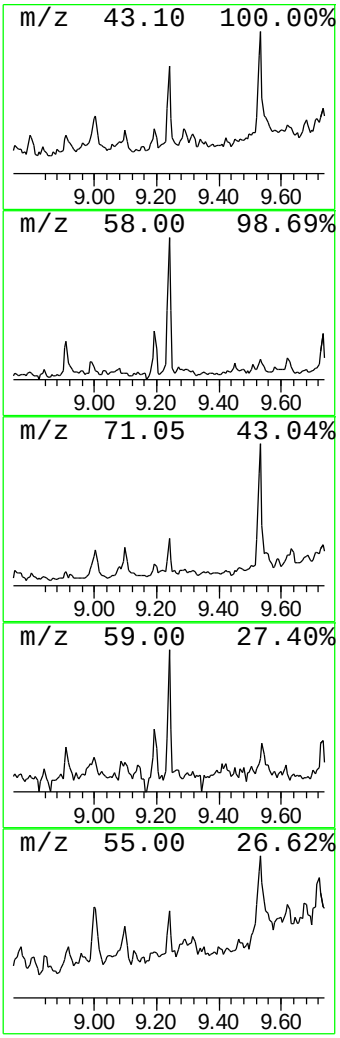
****

Peak Number 9 2-Undecanone, 6,10-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	3.37 ng	72636	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	59
2	2-Undecanone	170	C11H22O	000112-12-9	53
3	2-Decanone	156	C10H20O	000693-54-9	53
4	2-Dodecanone	184	C12H24O	006175-49-1	53
5	4-Methoxy-6-methyl-6,7-dihydro-4...	168	C9H12O3	091894-15-4	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

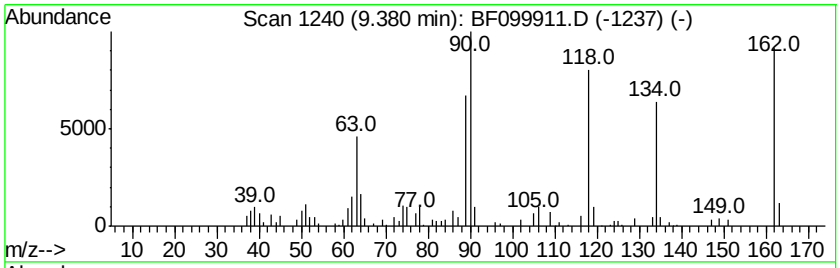
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

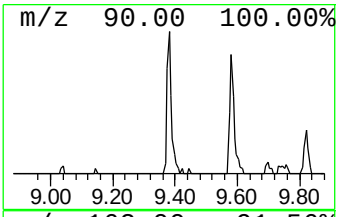
****

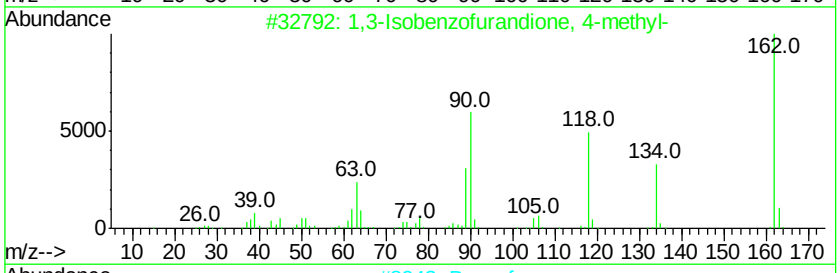
Peak Number 10 1,3-Isobenzofurandione, 4-m... Concentration Rank 15

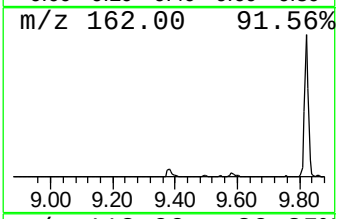
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	3.72 ng	80070	Acenaphthene-d10	9.82

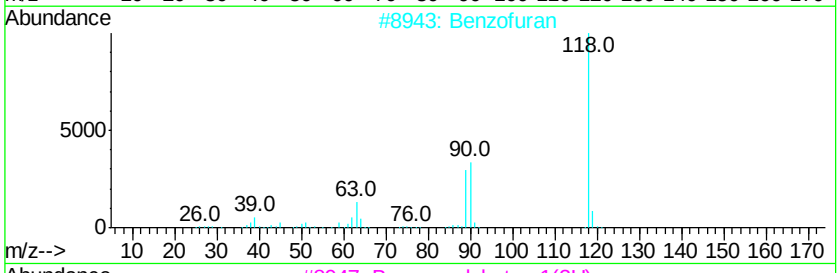
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Isobenzofurandione, 4-methyl-	162	C9H6O3	004792-30-7	96
2	Benzofuran	118	C8H6O	000271-89-6	95
3	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	93
4	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	90
5	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	64

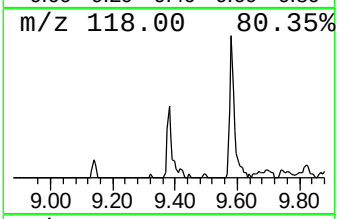


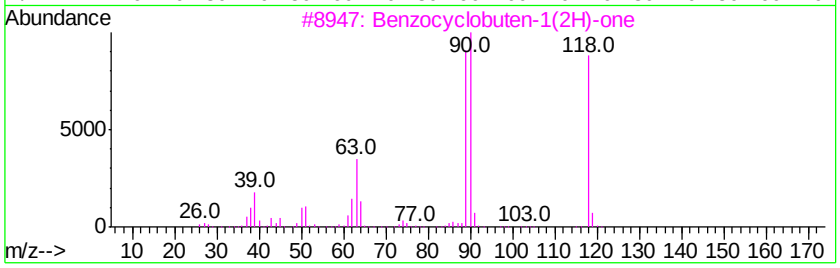


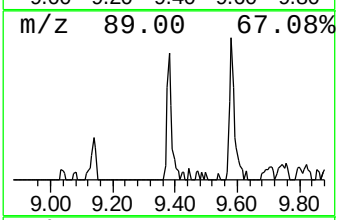


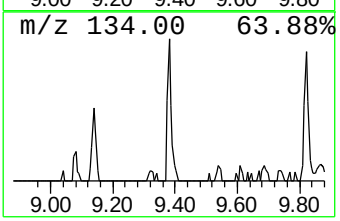












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Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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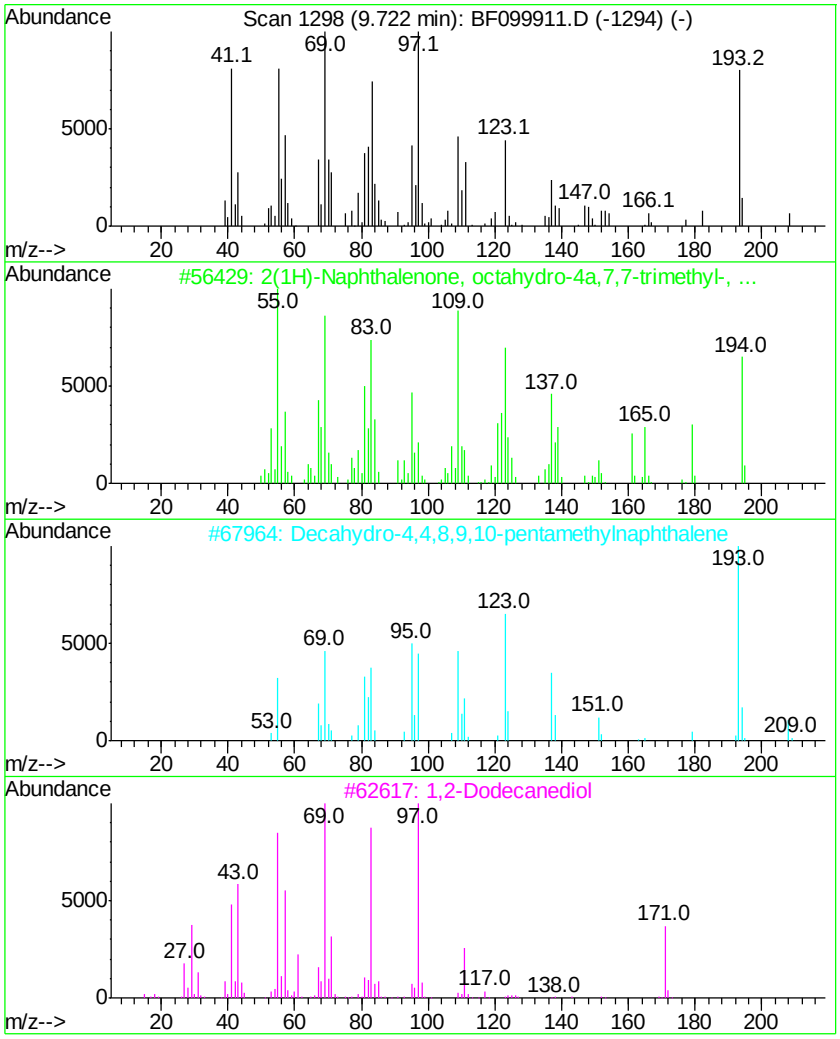
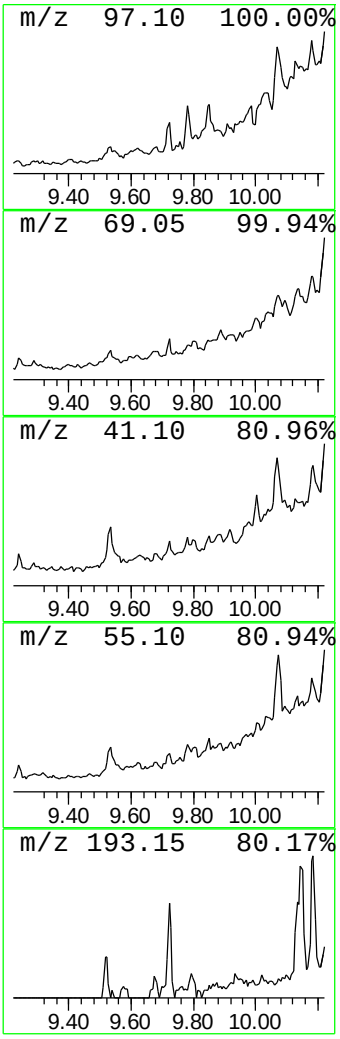
Peak Number 11 unknown9.72 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	4.08 ng	87921	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	46
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	45
3	1,2-Dodecanediol	202	C12H26O2	001119-87-5	43
4	Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	43
5	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	42





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Sample : I6138-01
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Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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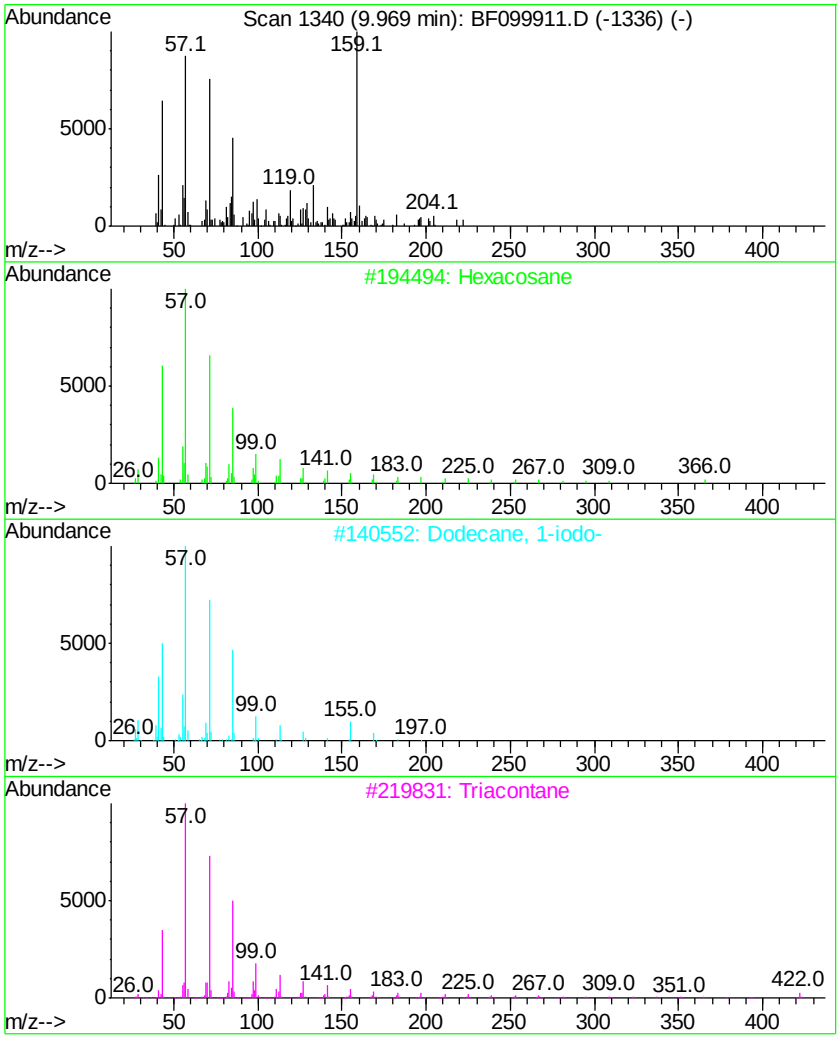
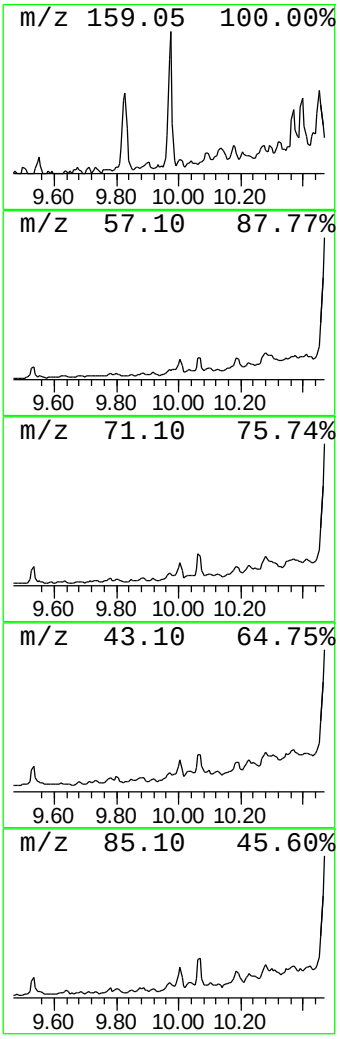
Peak Number 12 unknown9.97 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	7.15 ng	154013	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	43
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38
3	Triacontane	422	C30H62	000638-68-6	38
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	35





Library Search Compound Report

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Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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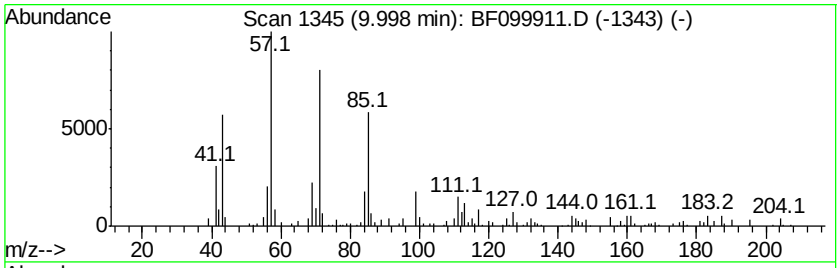
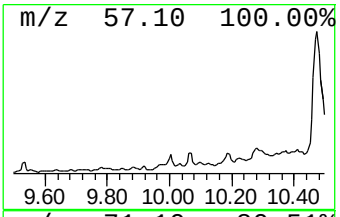
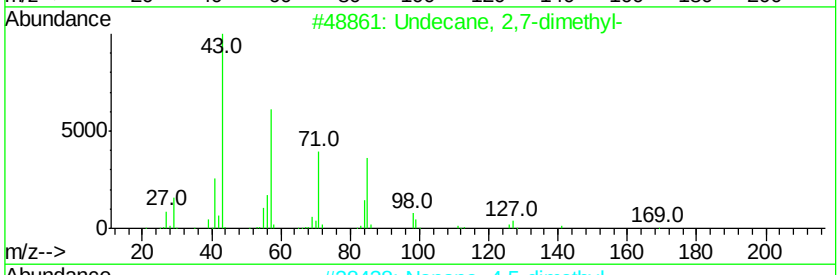
Peak Number 13 Undecane, 2,7-dimethyl- Concentration Rank 13

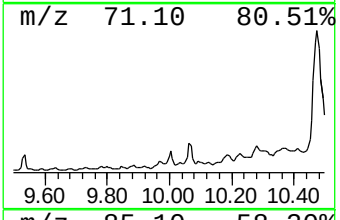
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	4.45 ng	95752	Acenaphthene-d10	9.82

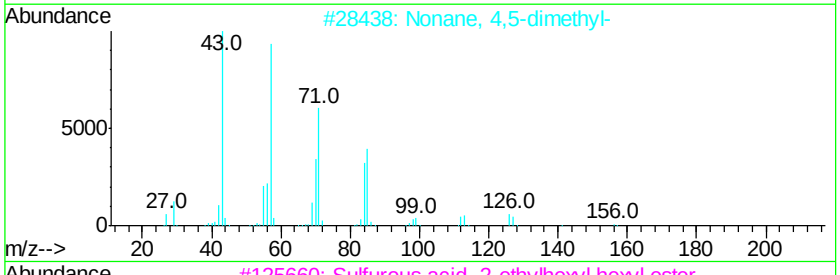
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	72
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
4	Decane, 2-methyl-	156	C11H24	006975-98-0	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59

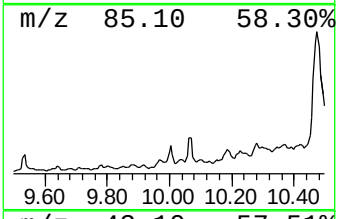


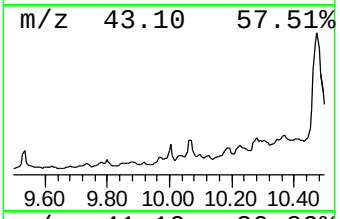


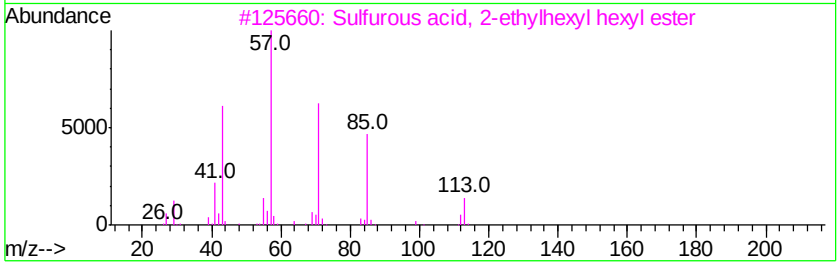


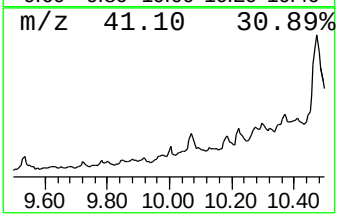












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Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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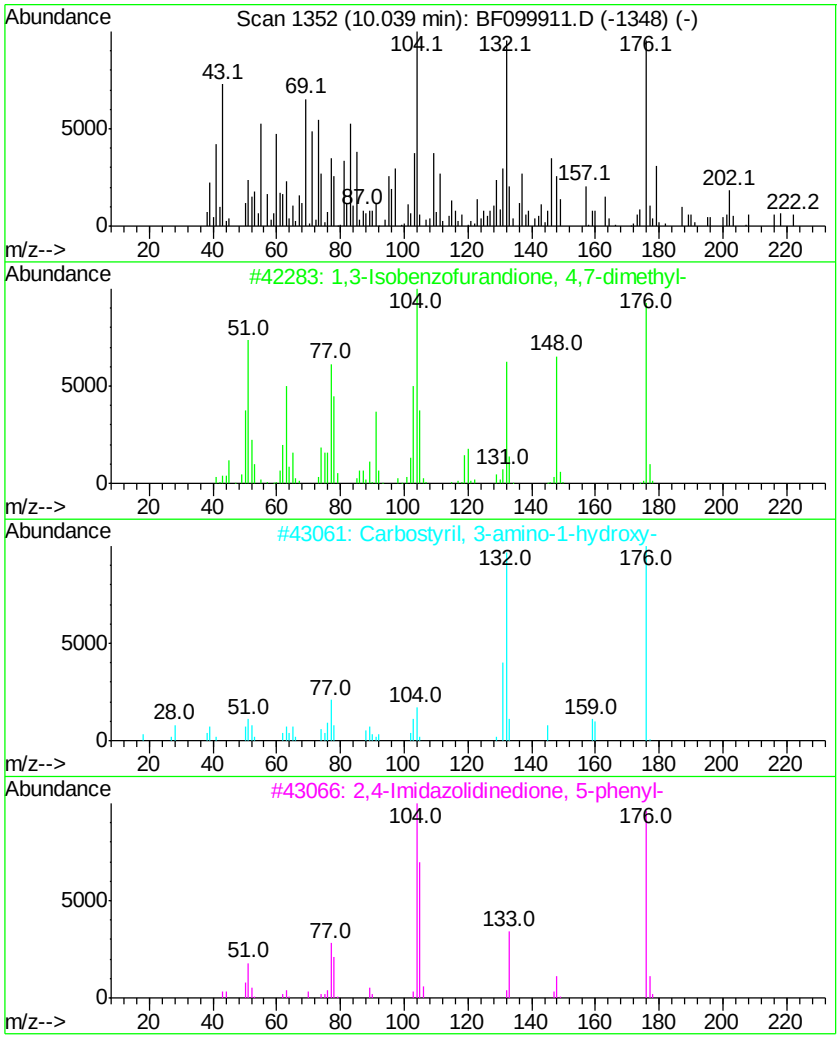
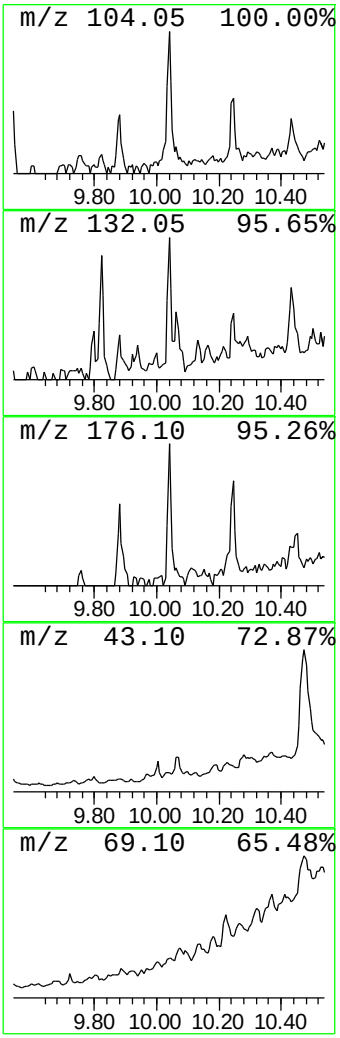
Peak Number 14 1,3-Isobenzofurandione, 4,7... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	7.55 ng	162694	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Isobenzofurandione, 4,7-dime...	176	C10H8O3	005463-50-3	55
2	Carbostyril, 3-amino-1-hydroxy-	176	C9H8N2O2	016551-96-5	42
3	2,4-Imidazolidinedione, 5-phenyl-	176	C9H8N2O2	000089-24-7	38
4	2-Methyl-5-phenyltetrazole	160	C8H8N4	020743-49-1	38
5	1,3-Isobenzofurandione, 5,6-dime...	176	C10H8O3	005999-20-2	38





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ClientSampleId : 220-3A-B-STONES

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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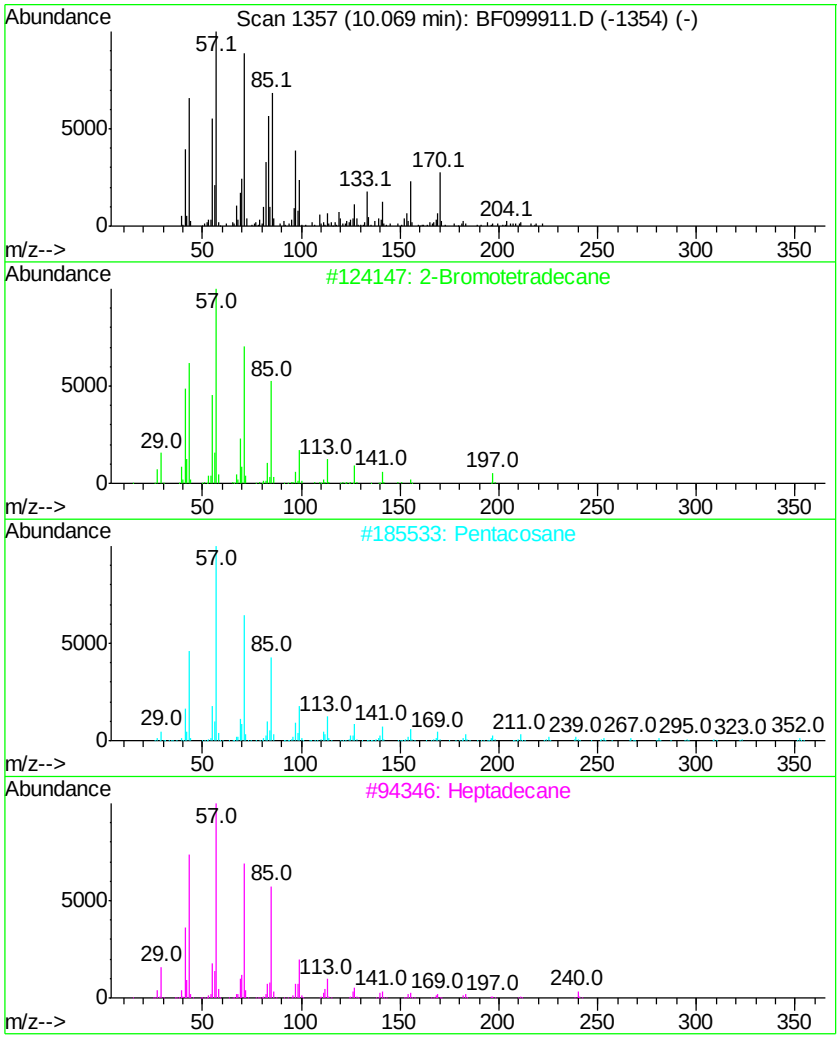
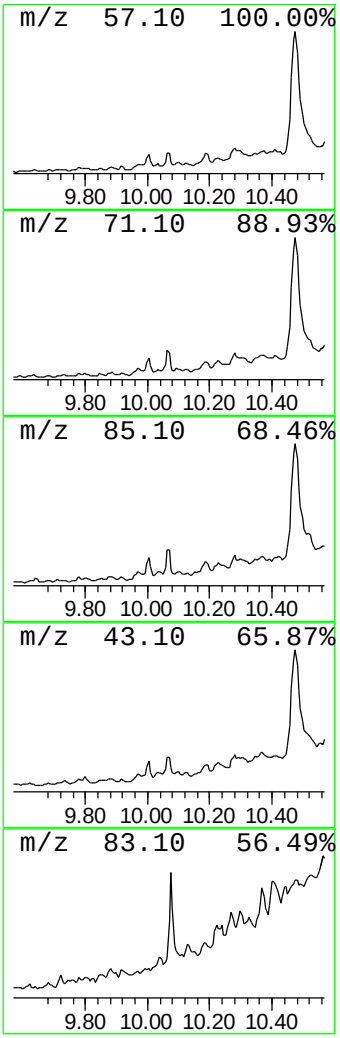
Peak Number 15 unknown10.07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	13.70 ng	295038	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	49
2	Pentacosane	352	C25H52	000629-99-2	47
3	Heptadecane	240	C17H36	000629-78-7	43
4	Nonadecane	268	C19H40	000629-92-5	43
5	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	43





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Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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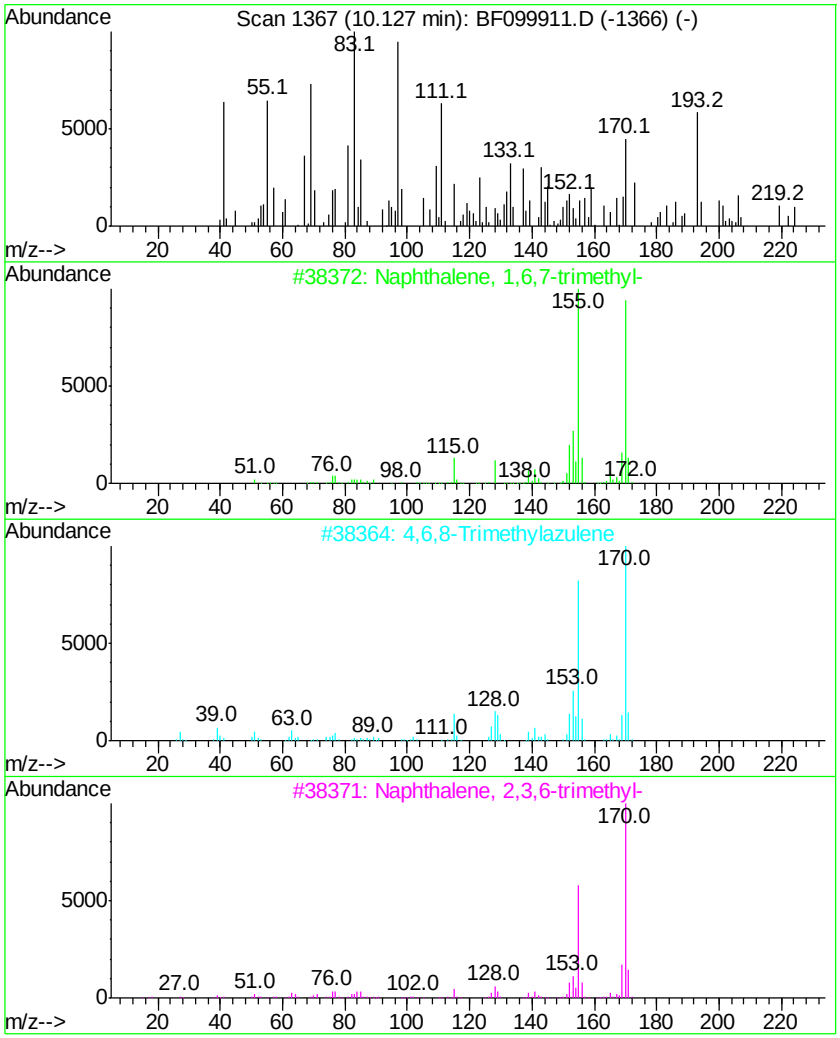
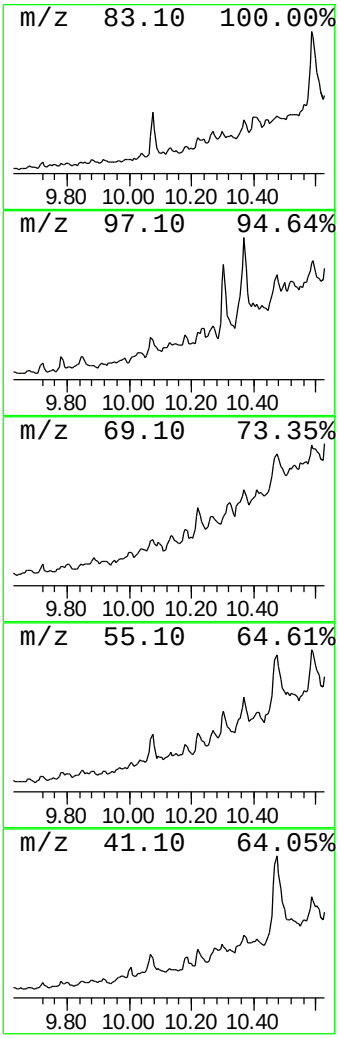
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	5.17 ng	111418	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	43





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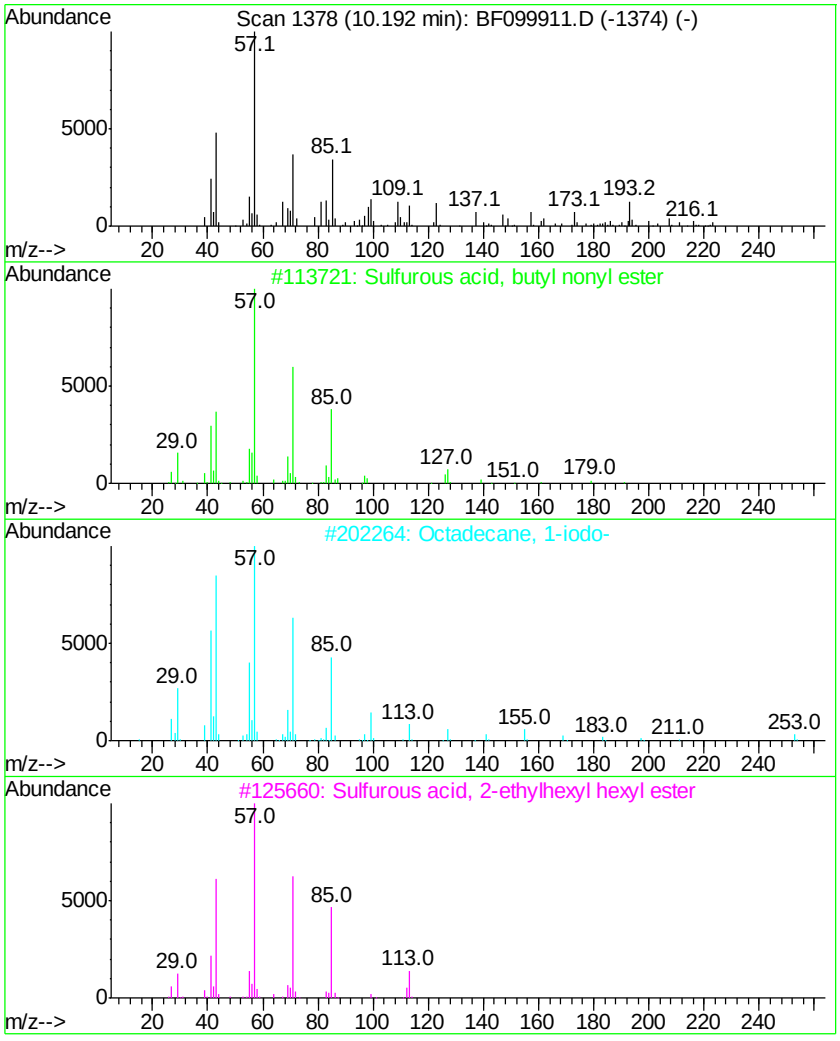
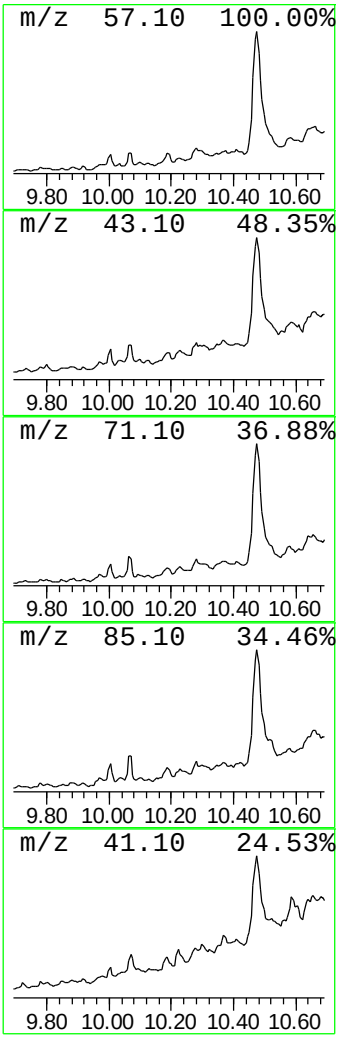
Peak Number 17 unknown10.19 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	5.26 ng	113232	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	35
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	35
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35
4	1-Iodoundecane	282	C11H23I	004282-44-4	35
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	35





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Misc :
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Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

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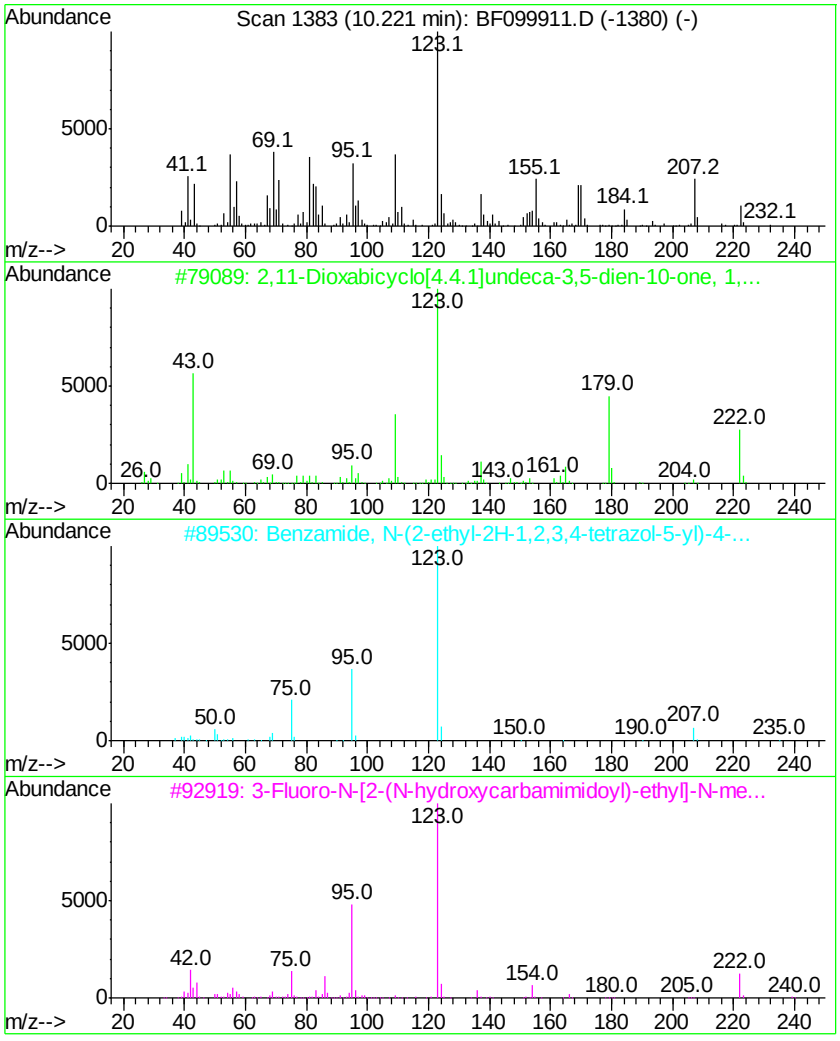
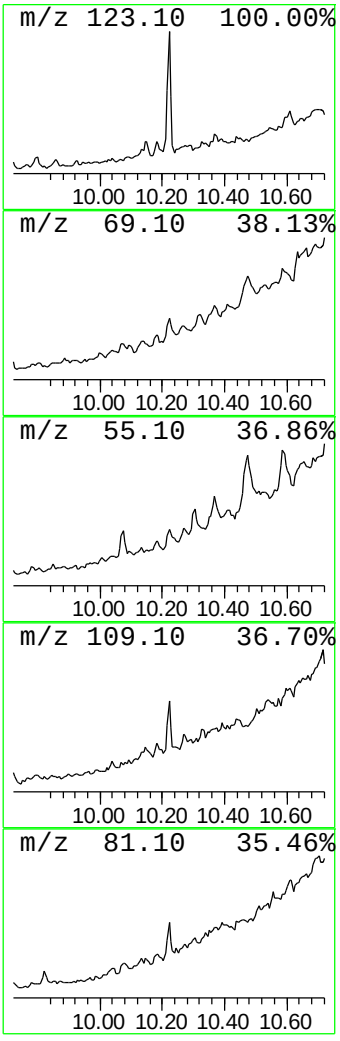
Peak Number 18 unknown10.22 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	18.94 ng	407903	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	43
2	Benzamide, N-(2-ethyl-2H-1,2,3,4...	235	C10H10FN5O	1000362-74-8	43
3	3-Fluoro-N-[2-(N-hydroxycarbamim...	239	C11H14FN3O2	1000297-41-5	38
4	Ethyl 5-amino-1-methylpyrazole-4...	169	C7H11N3O2	031037-02-2	38
5	1-Propanone, 1-(4-fluorophenyl)-	152	C9H9FO	000456-03-1	38





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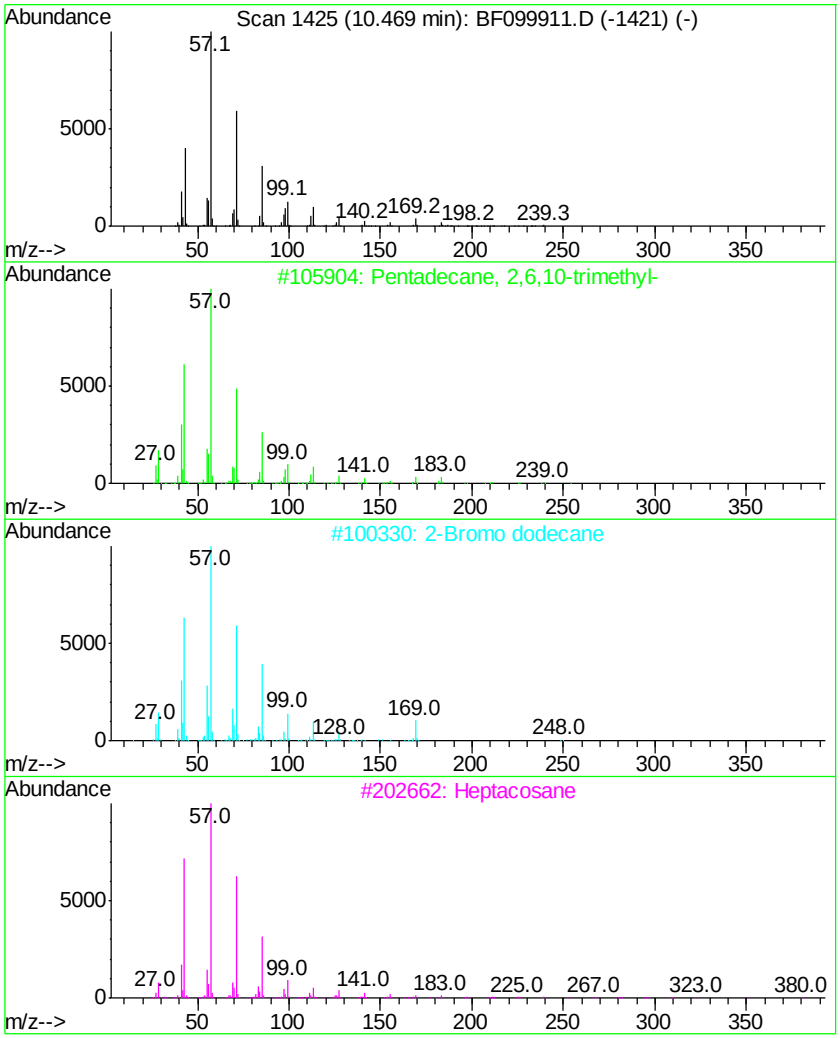
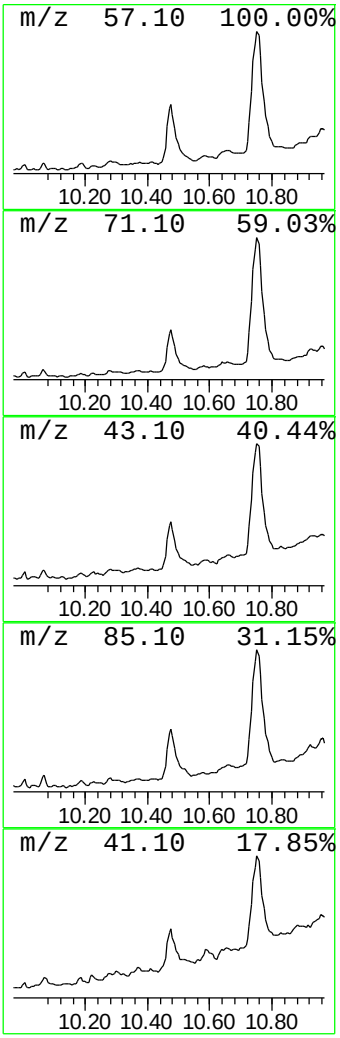
Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	93.96 ng	2023460	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3	Heptacosane	380	C27H56	000593-49-7	80
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

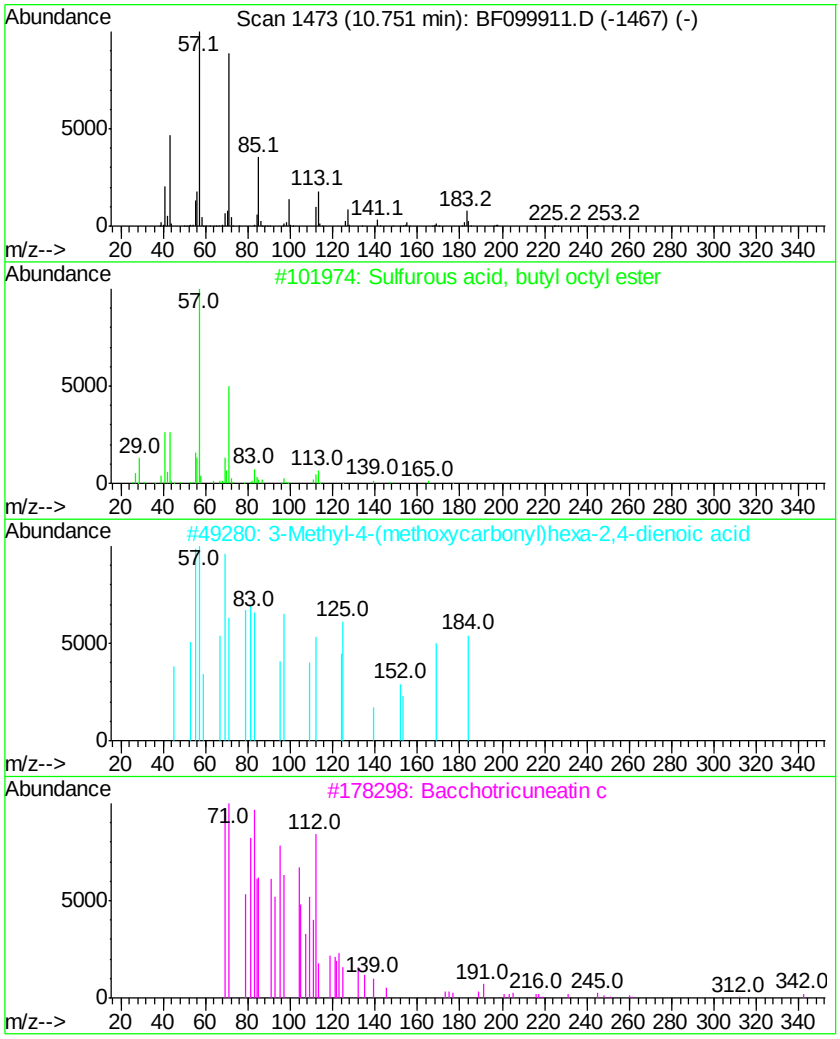
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

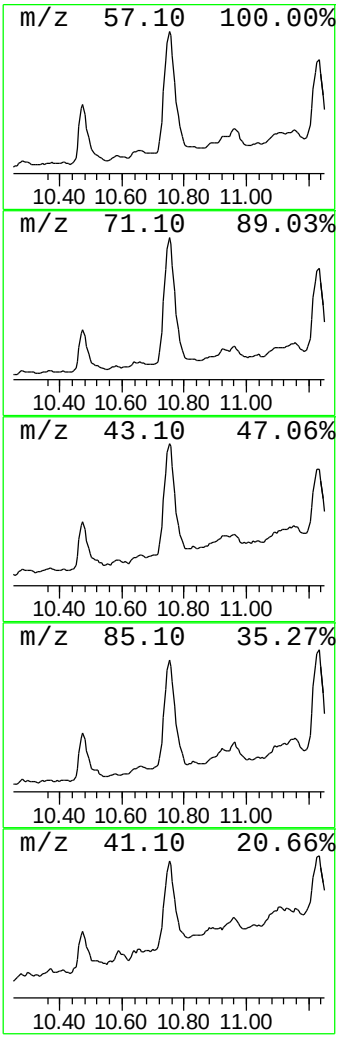
****

Peak Number 20 Sulfurous acid, butyl octyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	20.00 ng	5723110	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
2	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	52
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	50
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50
5	Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102817\
Data File : BF099911.D
Acq On : 28 Oct 2017 12:25
Operator : SJ/JU
Sample : I6138-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 220-3A-B-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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	2.16	7.5	ng	169545	1	6.79	455209	20.0
2-Pentanone, 4-hy...	5.00	11.8	ng	269452	1	6.79	455209	20.0
2-Heptanone, 6-me...	6.22	2.7	ng	62167	1	6.79	455209	20.0
unknown6.56	6.56	61.4	ng	1398130	1	6.79	455209	20.0
Heptanoic acid	7.19	2.8	ng	63098	1	6.79	455209	20.0
Nonanoic acid	8.43	2.9	ng	74220	2	8.07	519216	20.0
Alpha-l-rhamnopyr...	9.00	3.5	ng	74864	3	9.82	430717	20.0
2-Undecanone, 6,1...	9.24	3.4	ng	72636	3	9.82	430717	20.0
1,3-Isobenzofuran...	9.38	3.7	ng	80070	3	9.82	430717	20.0
unknown9.72	9.72	4.1	ng	87921	3	9.82	430717	20.0
unknown9.97	9.97	7.2	ng	154013	3	9.82	430717	20.0
Undecane, 2,7-dim...	10.00	4.5	ng	95752	3	9.82	430717	20.0
1,3-Isobenzofuran...	10.04	7.5	ng	162694	3	9.82	430717	20.0
unknown10.07	10.07	13.7	ng	295038	3	9.82	430717	20.0
Naphthalene, 1,6,...	10.13	5.2	ng	111418	3	9.82	430717	20.0
unknown10.19	10.19	5.3	ng	113232	3	9.82	430717	20.0
unknown10.22	10.22	18.9	ng	407903	3	9.82	430717	20.0
Pentadecane, 2,6,...	10.47	94.0	ng	2023460	3	9.82	430717	20.0
Sulfurous acid, b...	10.75	20.0	ng	5723110	4	11.33	5723110	20.0