LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079383.D
Acq On : 20 May 2015 17:34
Operator : TP/IZ
Sample : G2305-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KM-SP-001-150518

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-BF043015.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	1.233	3	4	7	rVB	3287425	3267219	58.01%	13.301%
2	1.358	12	15	27	rVB2	137470	414696	7.36%	1.688%
3	1.518	27	29	36	rVB	220850	292955	5.20%	1.193%
4	1.621	36	38	46	rVB	360222	584989	10.39%	2.382%
5	1.735	46	48	86	rVB	2964429	5631728	100.00%	22.927%
6	4.833	317	319	330	rBV	297861	423503	7.52%	1.724%
7	5.370	363	366	373	rBV	1033726	1239426	22.01%	5.046%
8	6.662	476	479	482	rBV	1393557	1282852	22.78%	5.223%
9	6.799	489	491	494	rBV	1481194	1361960	24.18%	5.545%
10	7.085	514	516	519	rBV	423059	419272	7.44%	1.707%
11	7.267	530	532	535	rBV	719950	920071	16.34%	3.746%
12	7.782	575	577	580	rBV	896520	793614	14.09%	3.231%
13	8.662	652	654	657	rBV	614559	566070	10.05%	2.305%
14	10.011	770	772	775	rBV	1408333	1232745	21.89%	5.019%
15	10.525	814	817	819	rBV	122892	156303	2.78%	0.636%
16	10.833	842	844	847	rVB	670378	625984	11.12%	2.548%
17	11.816	927	930	932	rBV2	739565	999908	17.75%	4.071%
18	12.674	1002	1005	1007	rBV	602129	653628	11.61%	2.661%
19	13.017	1033	1035	1041	rBV	73931	116915	2.08%	0.476%
20	14.045	1122	1125	1129	rBV	184358	267503	4.75%	1.089%
21	14.662	1177	1179	1182	rBV	1340749	1512752	26.86%	6.159%
22	15.863	1281	1284	1289	rBV	118598	207487	3.68%	0.845%
23	15.965	1291	1293	1295	rVV	684327	721660	12.81%	2.938%
24	17.771	1448	1451	1454	rBV	581527	739509	13.13%	3.011%
25	19.314	1583	1586	1594	rVB3	65052	130803	2.32%	0.533%

Sum of corrected areas: 24563552

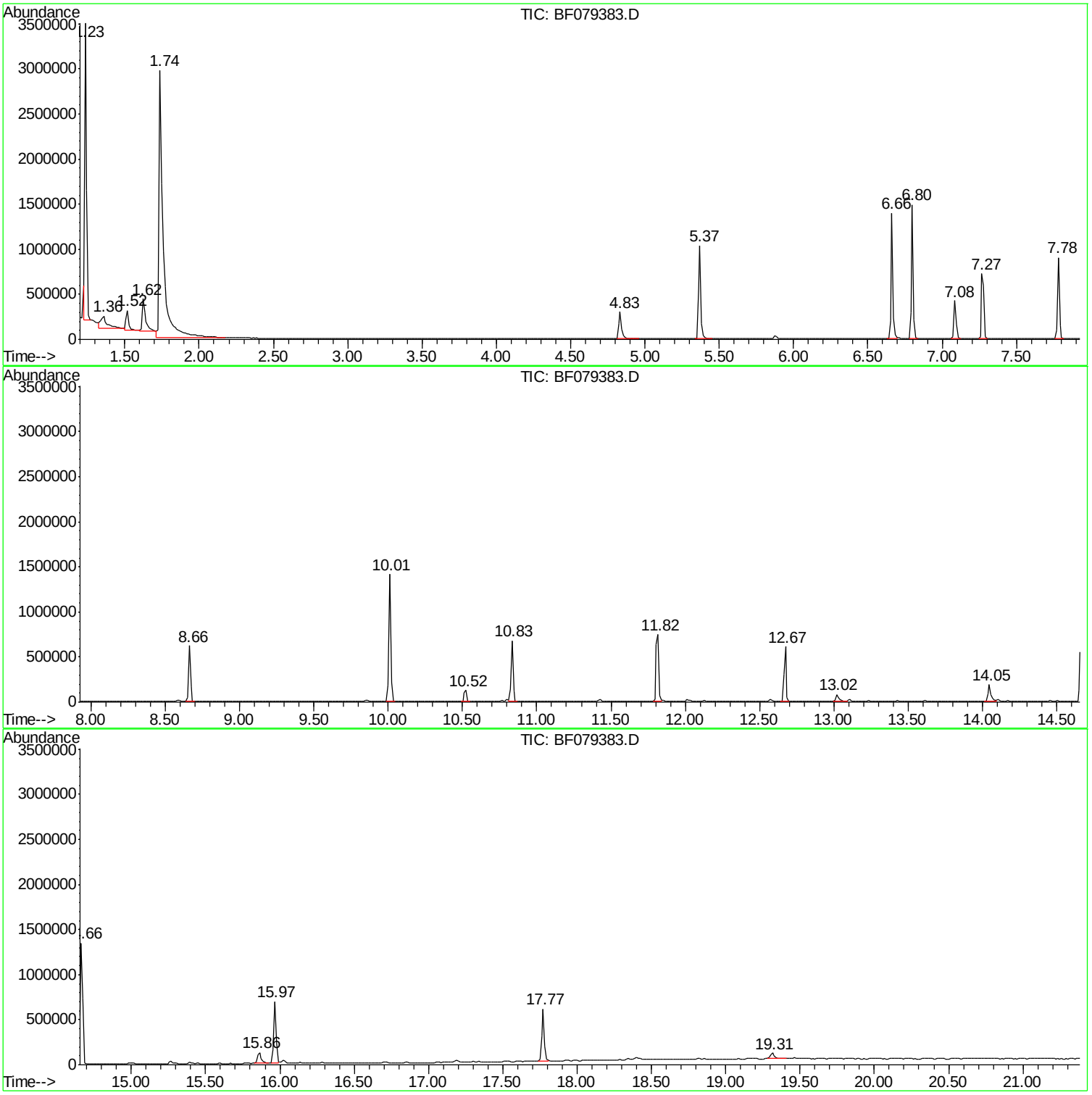
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079383.D
Acq On : 20 May 2015 17:34
Operator : TP/IZ
Sample : G2305-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KM-SP-001-150518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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\BF052015\
Data File : BF079383.D
Acq On : 20 May 2015 17:34
Operator : TP/IZ
Sample : G2305-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KM-SP-001-150518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

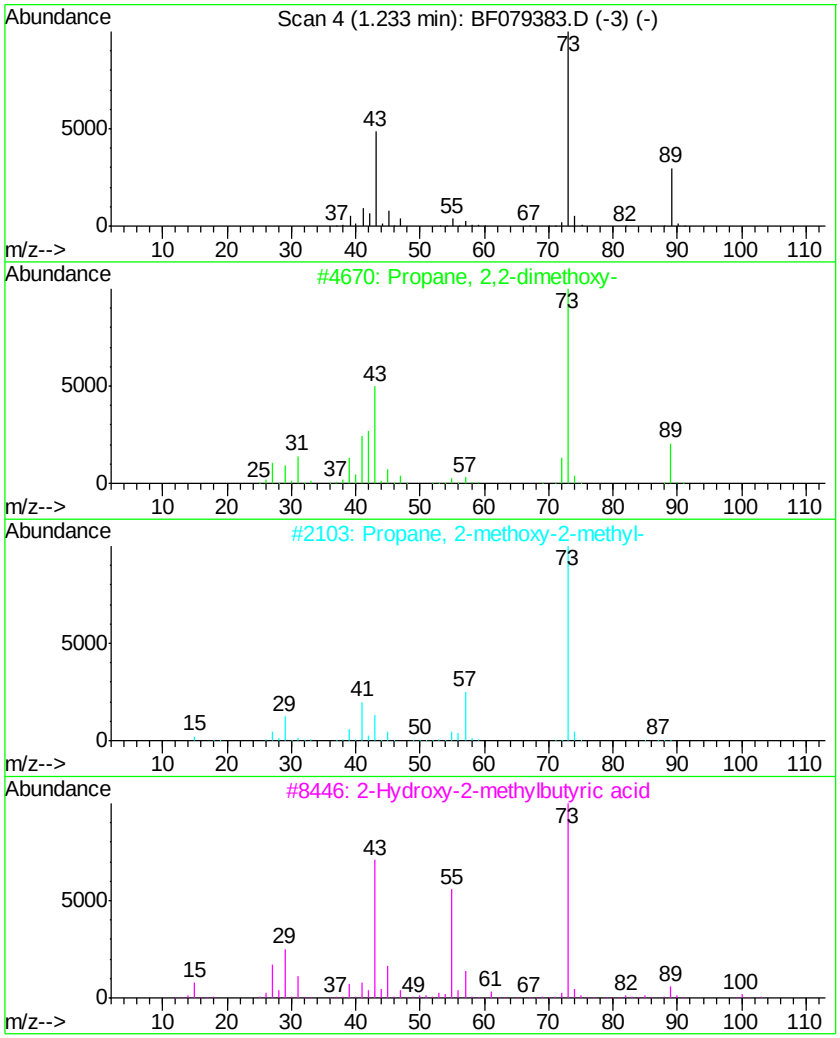
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

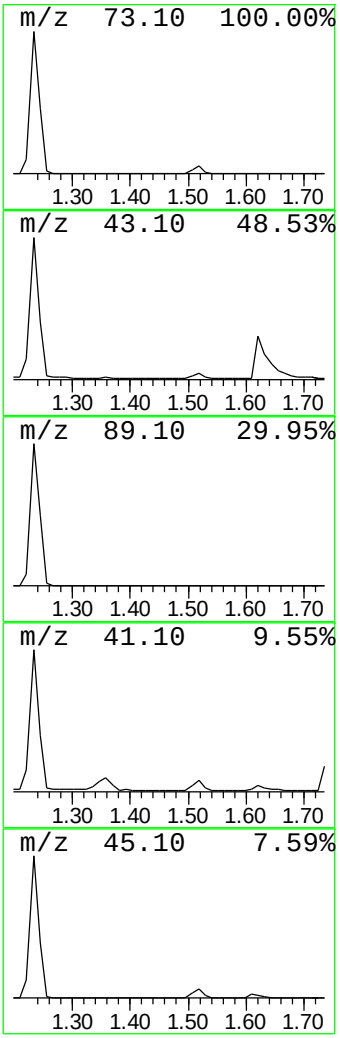
****

Peak Number 1 unknown1.23 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	155.85 ng	3267220	1,4-Dichlorobenzene-d4	7.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079383.D
Acq On : 20 May 2015 17:34
Operator : TP/IZ
Sample : G2305-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KM-SP-001-150518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

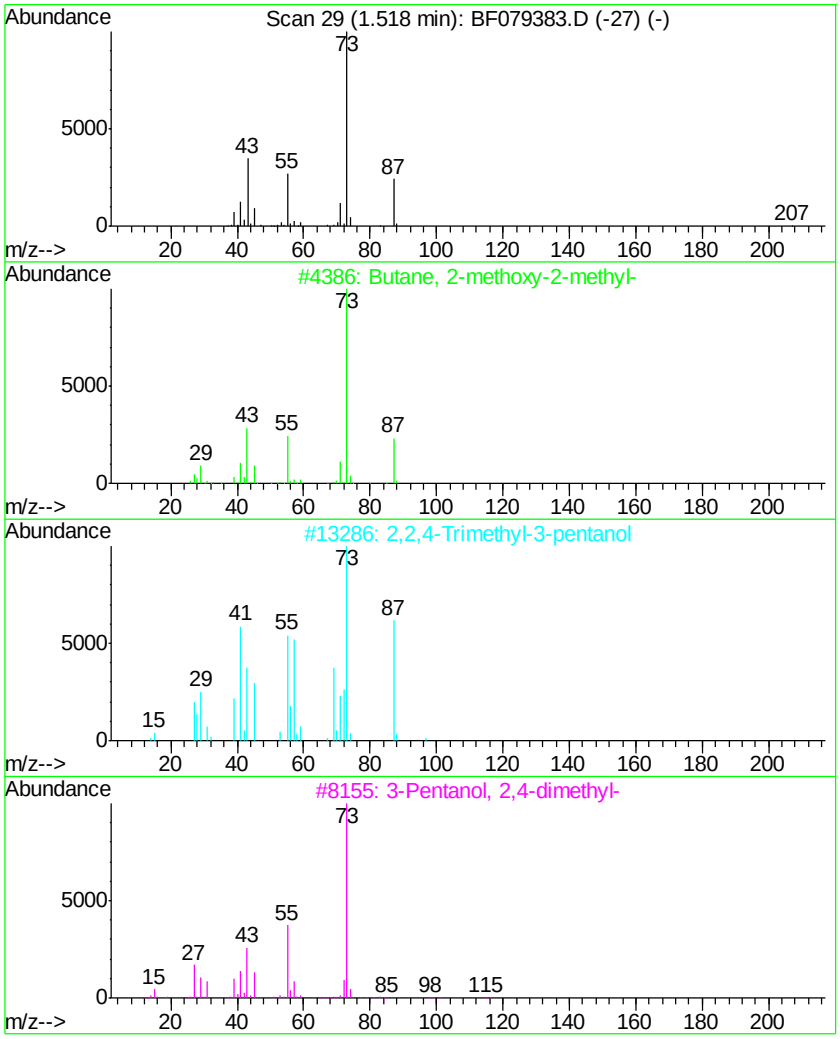
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

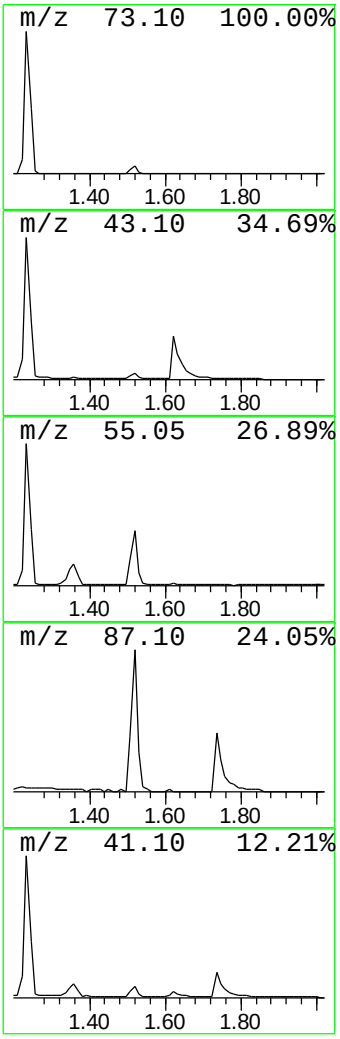
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	13.97 ng	292955	1,4-Dichlorobenzene-d4	7.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079383.D
Acq On : 20 May 2015 17:34
Operator : TP/IZ
Sample : G2305-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KM-SP-001-150518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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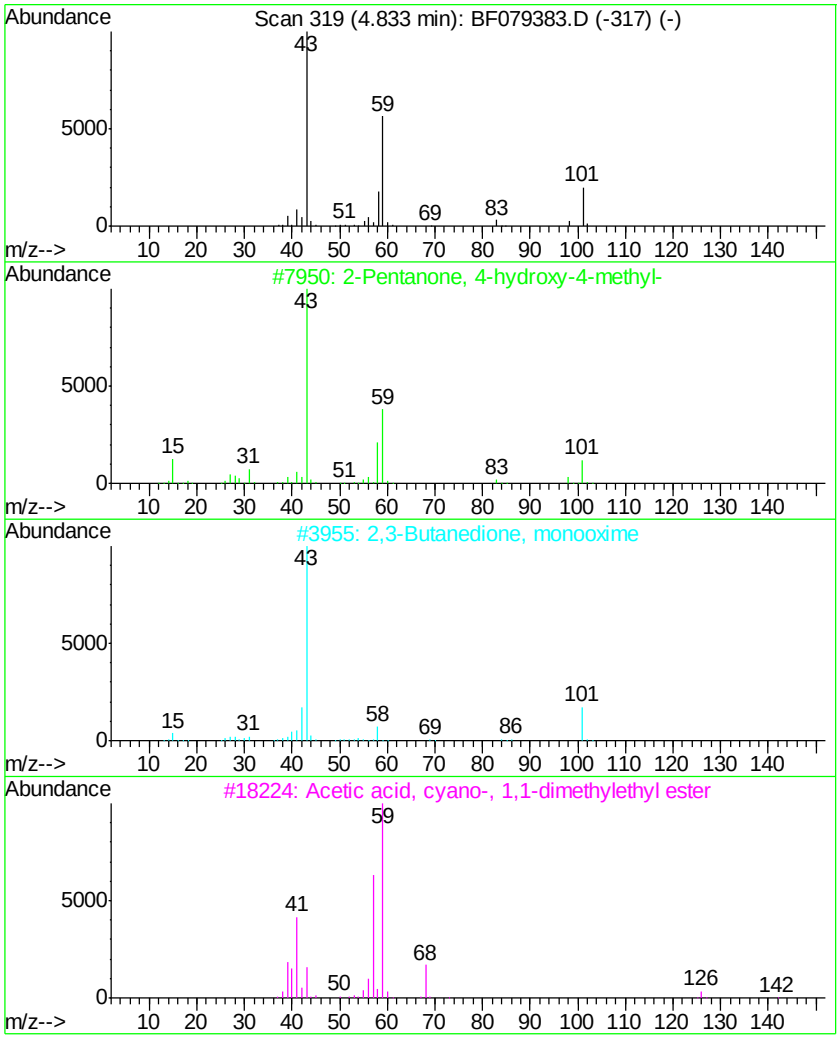
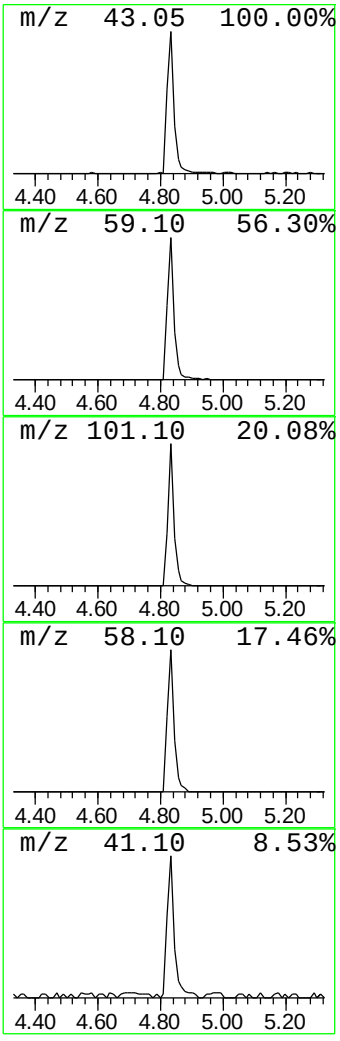
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	20.20 ng	423503	1,4-Dichlorobenzene-d4	7.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079383.D
Acq On : 20 May 2015 17:34
Operator : TP/IZ
Sample : G2305-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KM-SP-001-150518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

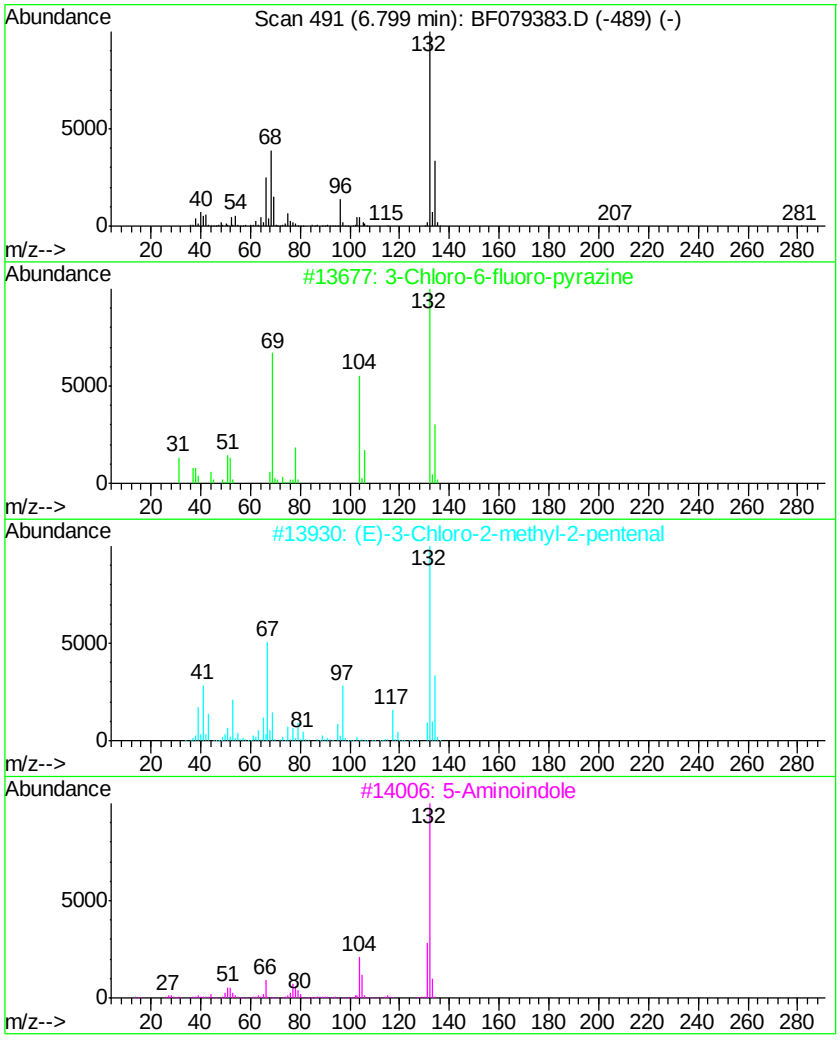
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

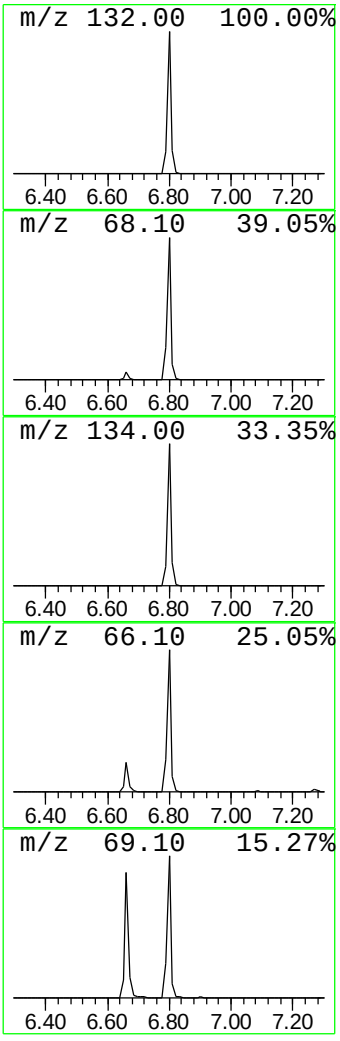
****

Peak Number 7 unknown6.80 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	64.97 ng	1361960	1,4-Dichlorobenzene-d4	7.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
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\BF052015\
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Acq On : 20 May 2015 17:34
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Sample : G2305-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KM-SP-001-150518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

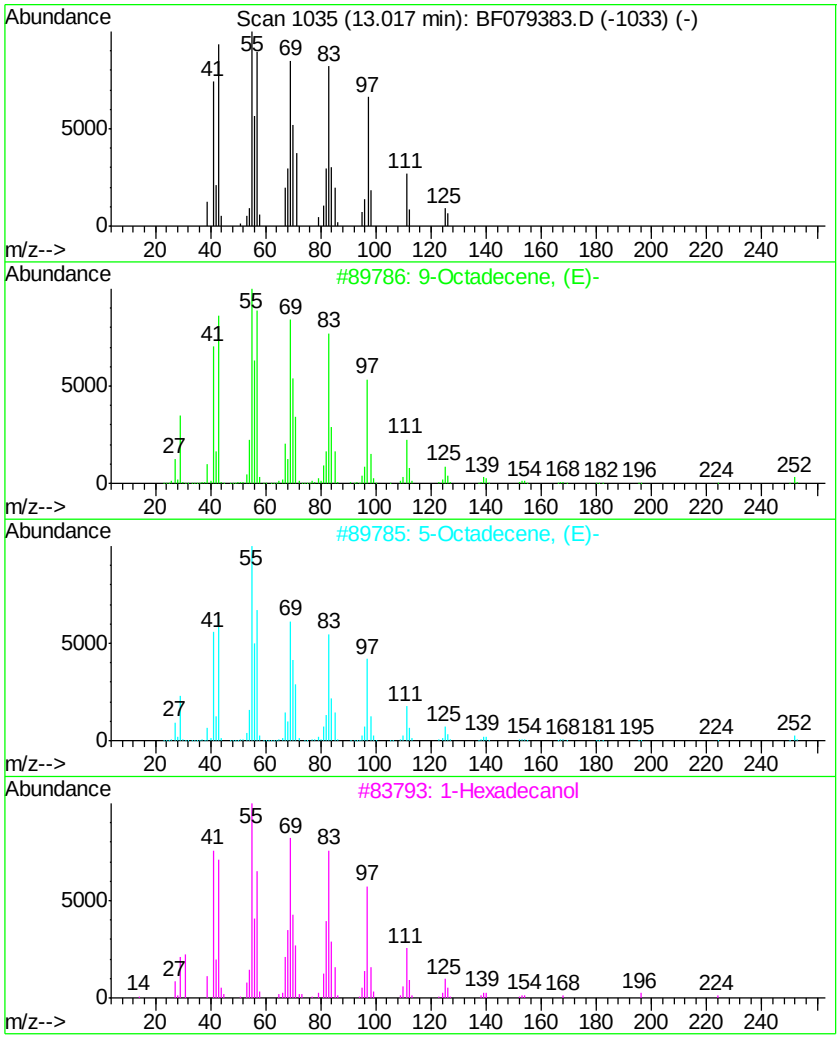
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

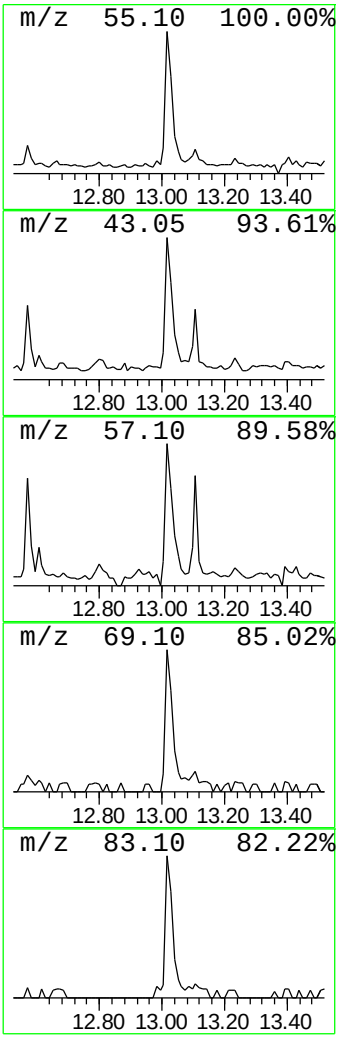
****

Peak Number 9 9-Octadecene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.58 ng	116915	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	83
4	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	80
5	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
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Acq On : 20 May 2015 17:34
Operator : TP/IZ
Sample : G2305-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KM-SP-001-150518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

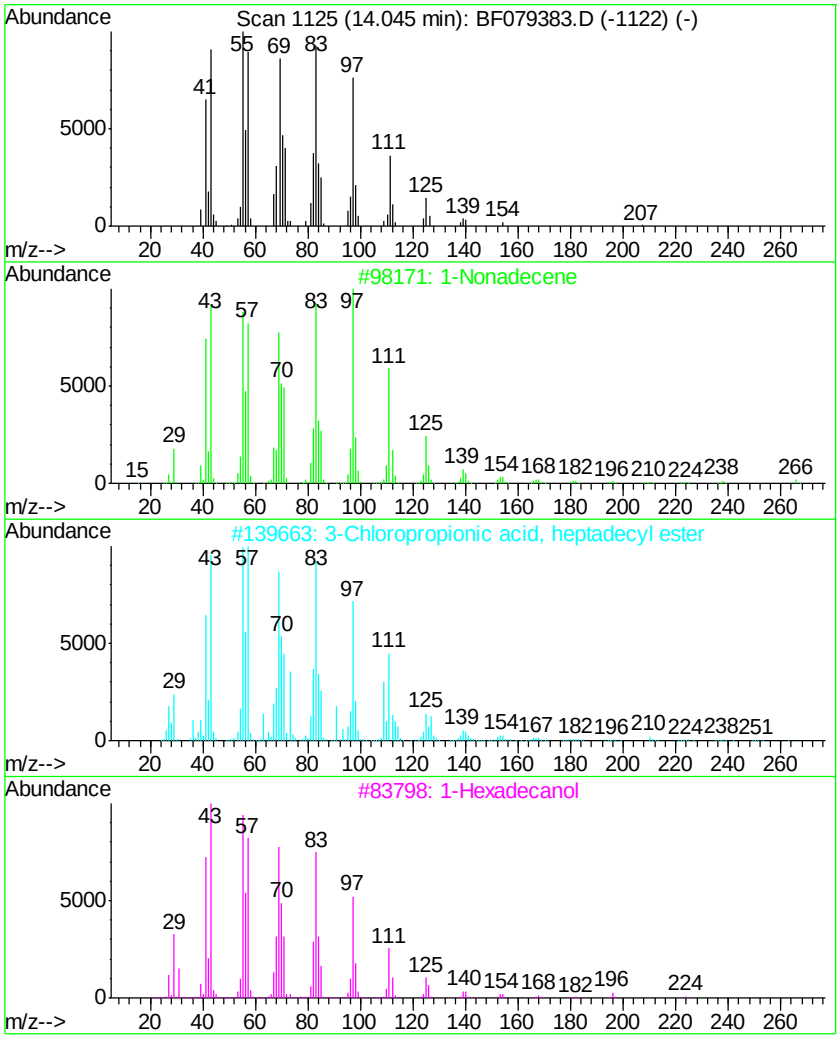
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

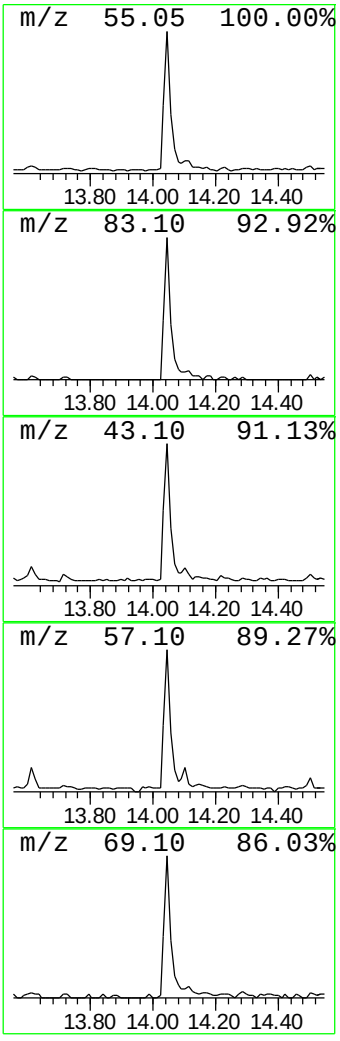
****

Peak Number 10 1-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	8.19 ng	267503	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91





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Sample : G2305-01
Misc :
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Instrument : BNA_F
ClientSampleId : KM-SP-001-150518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

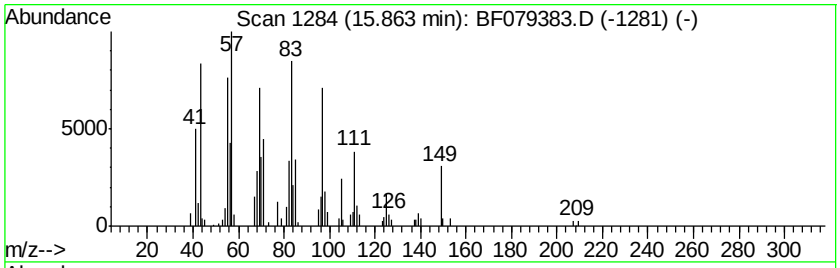
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

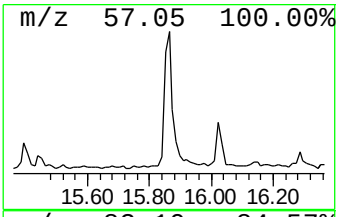
****

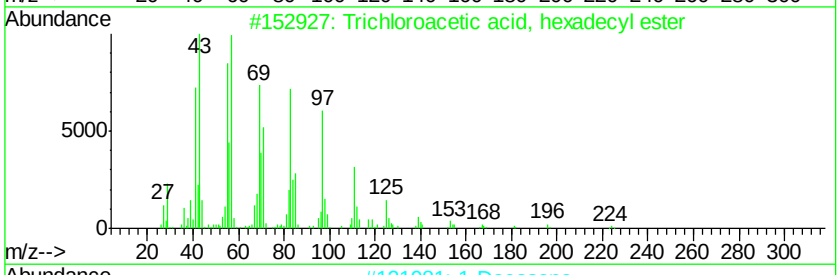
Peak Number 11 Trichloroacetic acid, hexad... Concentration Rank 10

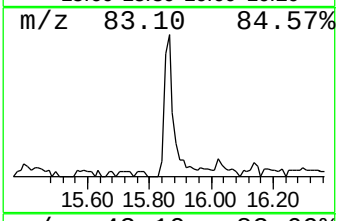
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	5.75 ng	207487	Chrysene-d12	15.97

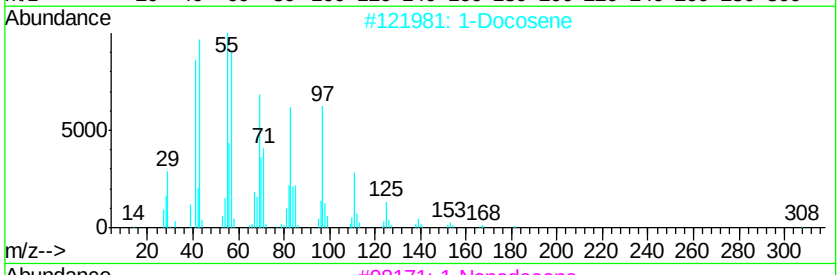
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2	1-Docosene	308	C22H44	001599-67-3	90
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	83

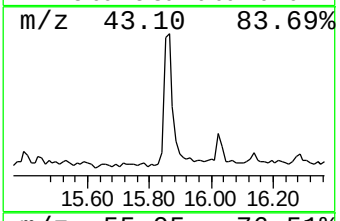


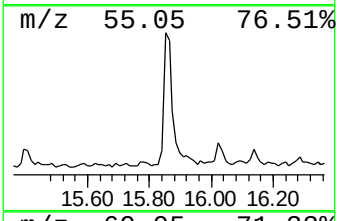


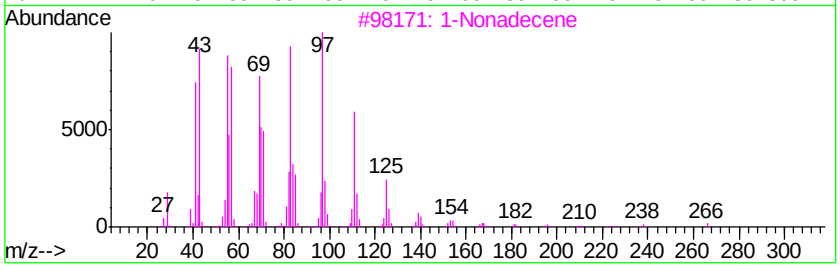


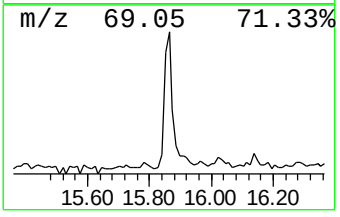












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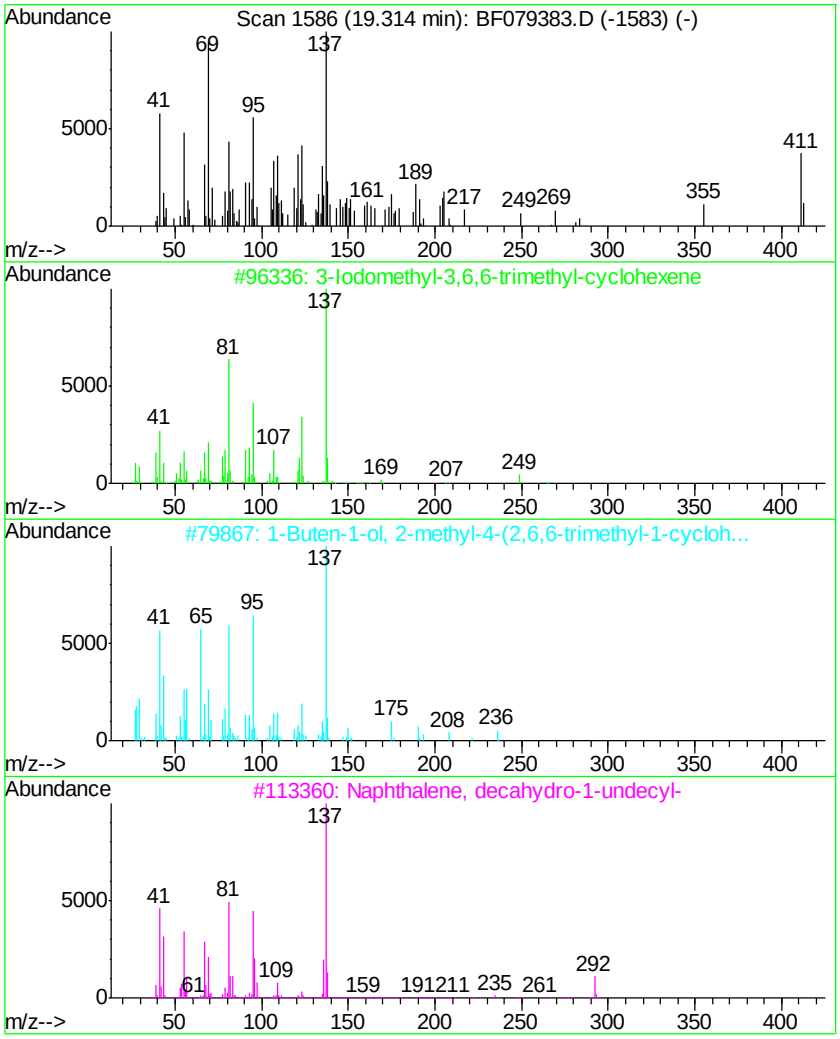
TIC Integration Parameters: LSCINT.P

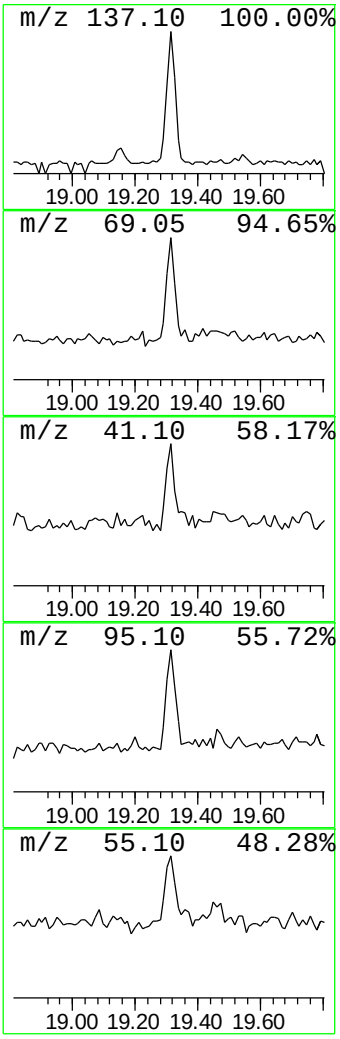
****

Peak Number 12 unknown19.31 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	3.54 ng	130803	Perylene-d12	17.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Iodomethyl-3,6,6-trimethyl-cyc...	264	C10H17I	1000193-08-2	38
2	1-Buten-1-ol, 2-methyl-4-(2,6,6-...	236	C15H24O2	021730-91-6	27
3	Naphthalene, decahydro-1-undecyl-	292	C21H40	066326-27-0	27
4	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	22
5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
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Instrument : BNA_F
ClientSampleId : KM-SP-001-150518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
unknown1.23	1.23	155.8	ng	3267220	1	7.08	419272	20.0
Butane, 2-methoxy...	1.52	14.0	ng	292955	1	7.08	419272	20.0
2-Pentanone, 4-hy...	4.83	20.2	ng	423503	1	7.08	419272	20.0
unknown6.80	6.80	65.0	ng	1361960	1	7.08	419272	20.0
9-Octadecene, (E)-	13.02	3.6	ng	116915	4	12.67	653628	20.0
1-Nonadecene	14.05	8.2	ng	267503	4	12.67	653628	20.0
Trichloroacetic a...	15.86	5.8	ng	207487	5	15.97	721660	20.0
unknown19.31	19.31	3.5	ng	130803	6	17.77	739509	20.0