LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093303.D
Acq On : 1 Mar 2017 21:40
Operator : SJ/MA
Sample : I2012-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-13

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-BF013017.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	3.013	79	81	93	rBV	47016	141508	1.13%	0.278%
2	3.241	98	101	112	rVB	170418	362648	2.90%	0.712%
3	4.316	189	195	197	rBV	5285947	12507627	100.00%	24.560%
4	5.002	248	255	257	rBV	4508491	10884641	87.02%	21.373%
5	6.453	380	382	390	rBV	347785	470929	3.77%	0.925%
6	6.625	395	397	399	rVB	139224	125107	1.00%	0.246%
7	6.807	411	413	415	rBV	727979	894889	7.15%	1.757%
8	6.876	416	419	421	rBV	202054	303584	2.43%	0.596%
9	6.956	424	426	429	rBV	2578598	2857941	22.85%	5.612%
10	7.139	439	442	447	rBV	200969	219969	1.76%	0.432%
11	7.379	460	463	465	rBV	2500569	2699161	21.58%	5.300%
12	8.088	523	525	528	rBV	938581	1105534	8.84%	2.171%
13	9.173	617	620	622	rBV	2857978	4047595	32.36%	7.948%
14	9.242	624	626	629	rVV	126615	135752	1.09%	0.267%
15	9.562	652	654	658	rVB	426101	450293	3.60%	0.884%
16	9.779	671	673	674	rBV	103353	128310	1.03%	0.252%
17	9.848	676	679	681	rVV	934289	1228011	9.82%	2.411%
18	10.271	715	716	718	rVB	191577	144548	1.16%	0.284%
19	10.739	755	757	762	rVB	220620	310068	2.48%	0.609%
20	11.185	794	796	798	rBV	151208	190429	1.52%	0.374%
21	11.322	806	808	811	rBV	926647	1284305	10.27%	2.522%
22	11.619	832	834	836	rBV	141083	154173	1.23%	0.303%
23	11.688	838	840	842	rVV	469681	409383	3.27%	0.804%
24	11.734	842	844	845	rVB	145928	164346	1.31%	0.323%
25	11.894	855	858	860	rBV	2400561	2438448	19.50%	4.788%
26	11.951	861	863	866	rVB	480114	612125	4.89%	1.202%
27	12.099	875	876	879	rVB	170045	214354	1.71%	0.421%
28	12.271	889	891	892	rBV	362832	361340	2.89%	0.710%
29	12.545	912	915	918	rVB2	97886	136065	1.09%	0.267%
30	12.911	944	947	950	rBV	2814520	3786885	30.28%	7.436%
31	13.802	1023	1025	1031	rVB2	136981	241575	1.93%	0.474%
32	13.974	1038	1040	1042	rVB	907588	1039459	8.31%	2.041%
33	15.391	1161	1164	1167	rBV	651878	875222	7.00%	1.719%

LSC Area Percent Report

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Data File : BF093303.D
Acq On : 1 Mar 2017 21:40
Operator : SJ/MA
Sample : I2012-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-13

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 50926224

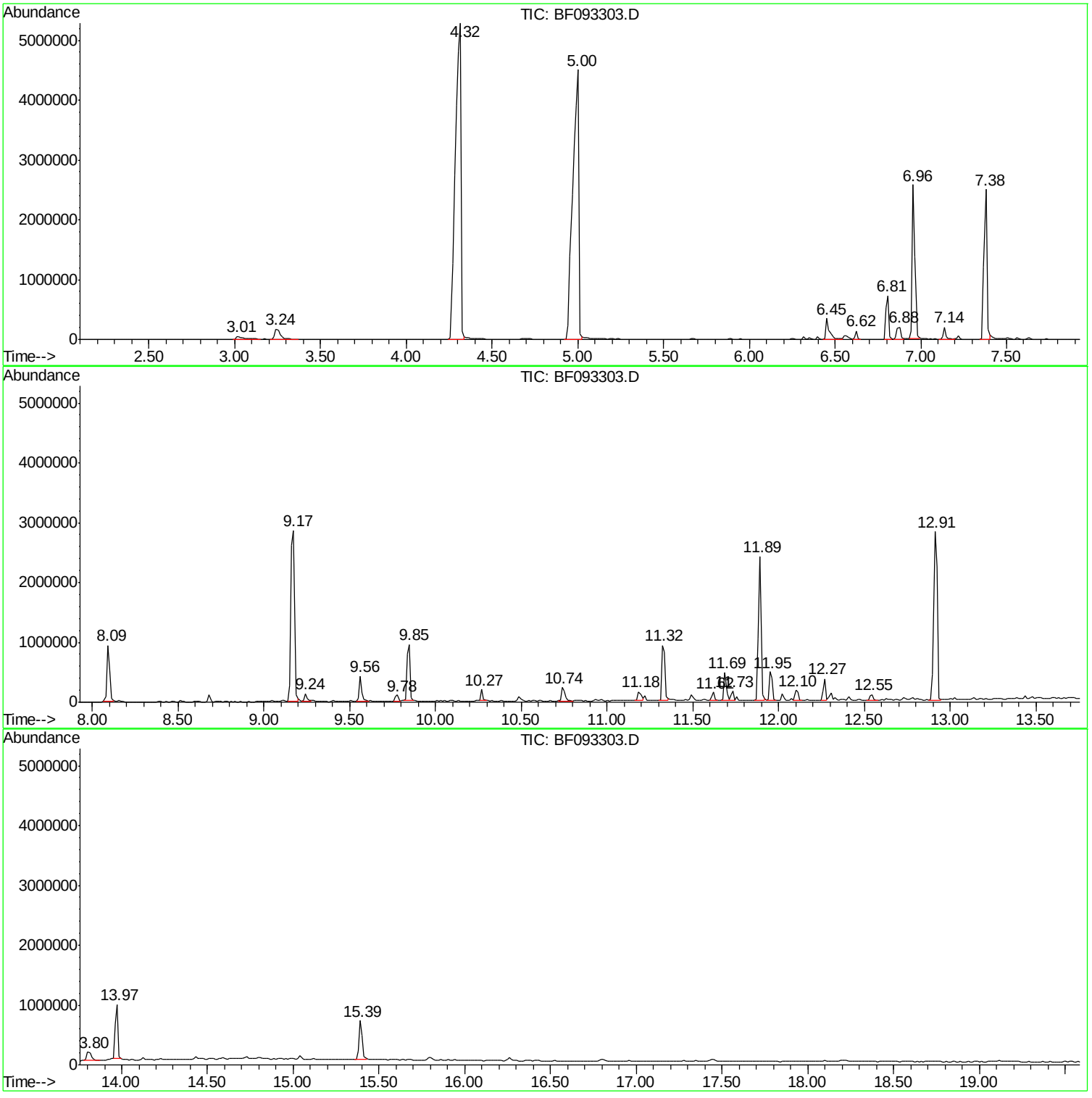
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093303.D
Acq On : 1 Mar 2017 21:40
Operator : SJ/MA
Sample : I2012-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF030117\
Data File : BF093303.D
Acq On : 1 Mar 2017 21:40
Operator : SJ/MA
Sample : I2012-11
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Instrument : BNA_F
ClientSampleId : P-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

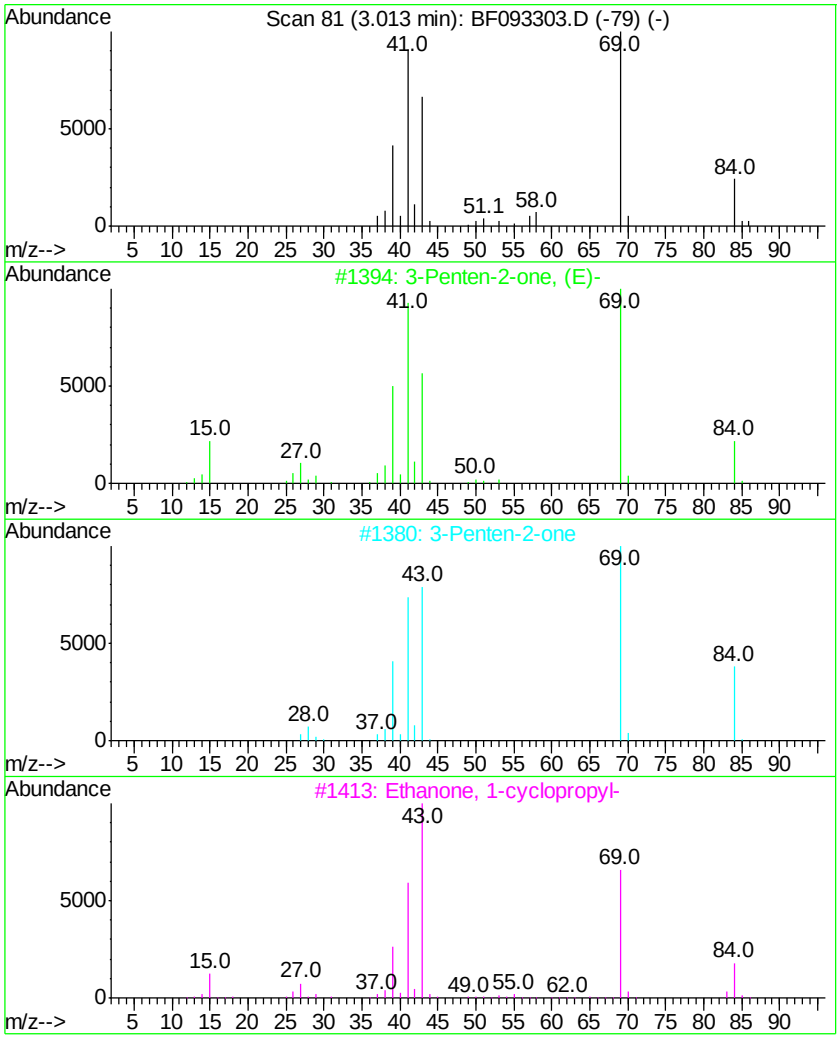
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

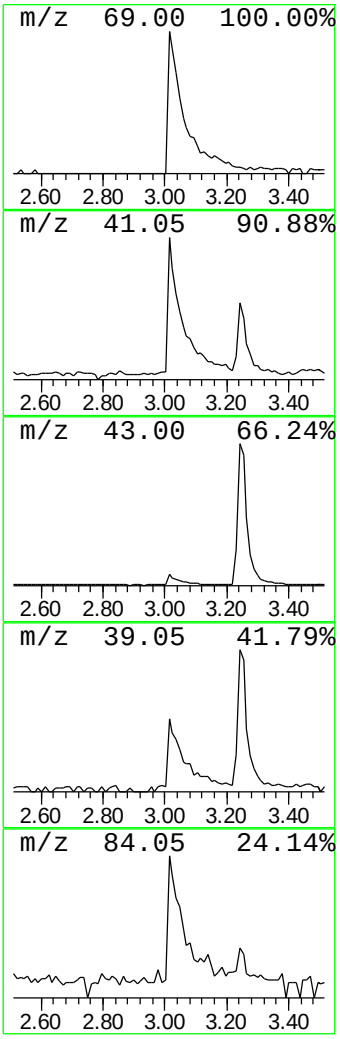
****

Peak Number 1 3-Penten-2-one, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	3.16 ng	141508	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, (E)-	84	C5H8O	003102-33-8	91
2	3-Penten-2-one	84	C5H8O	000625-33-2	90
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	64
4	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	58
5	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093303.D
Acq On : 1 Mar 2017 21:40
Operator : SJ/MA
Sample : I2012-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

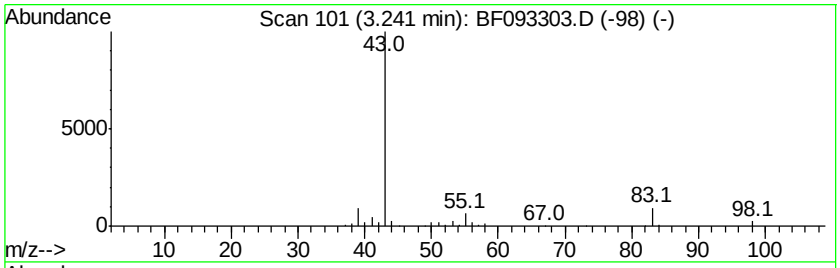
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

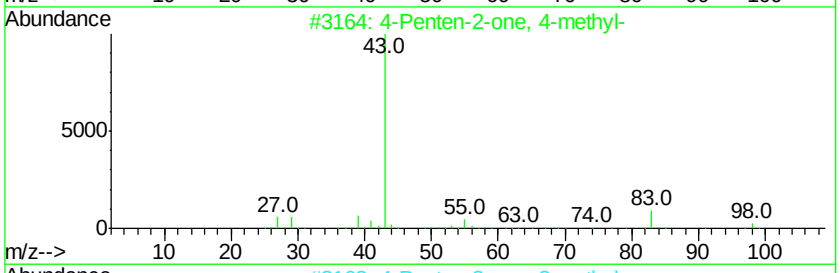
****

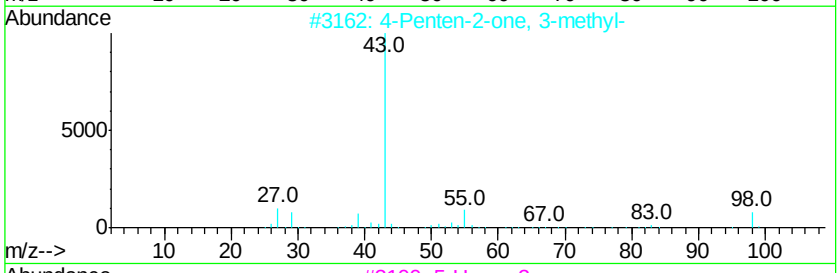
Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 5

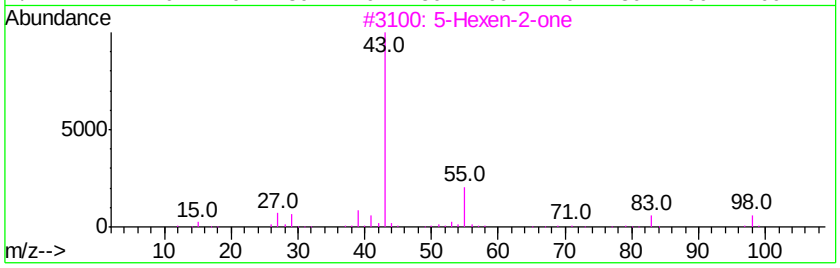
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	8.10 ng	362648	1,4-Dichlorobenzene-d4	6.81

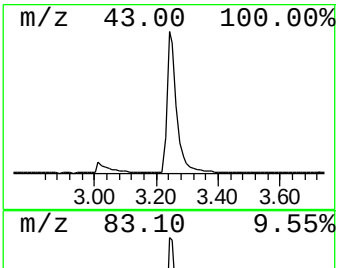
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	43
3	5-Hexen-2-one	98	C6H10O	000109-49-9	38
4	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	25
5	3,5-Hexadien-2-ol	98	C6H10O	003280-51-1	9

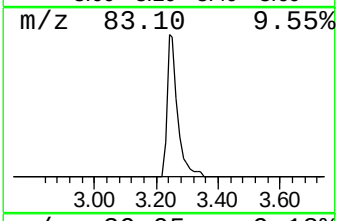


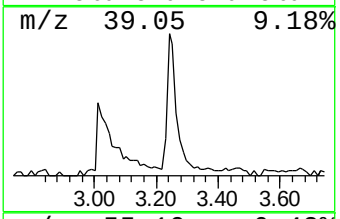


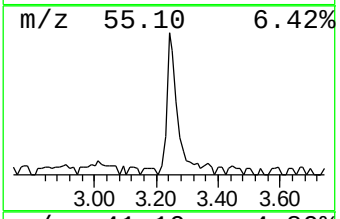


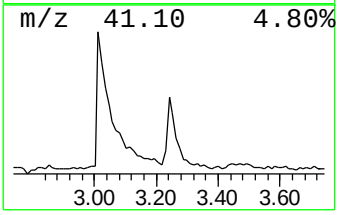












Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093303.D
Acq On : 1 Mar 2017 21:40
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Sample : I2012-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

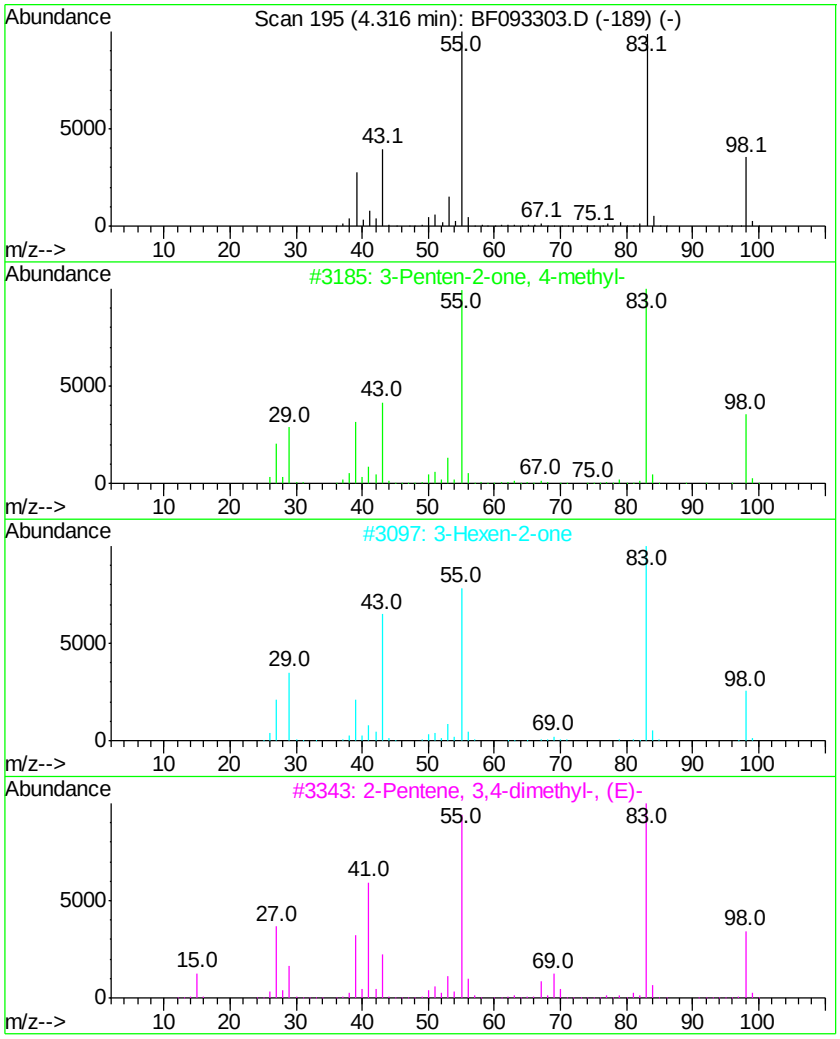
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

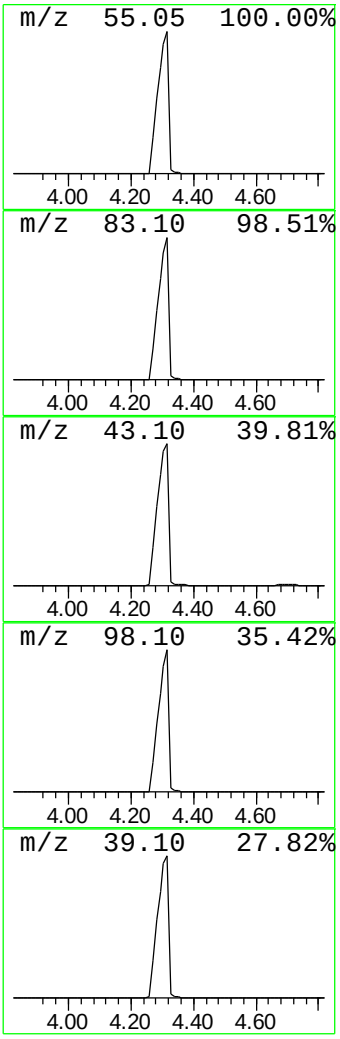
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	279.54 ng	12507600	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

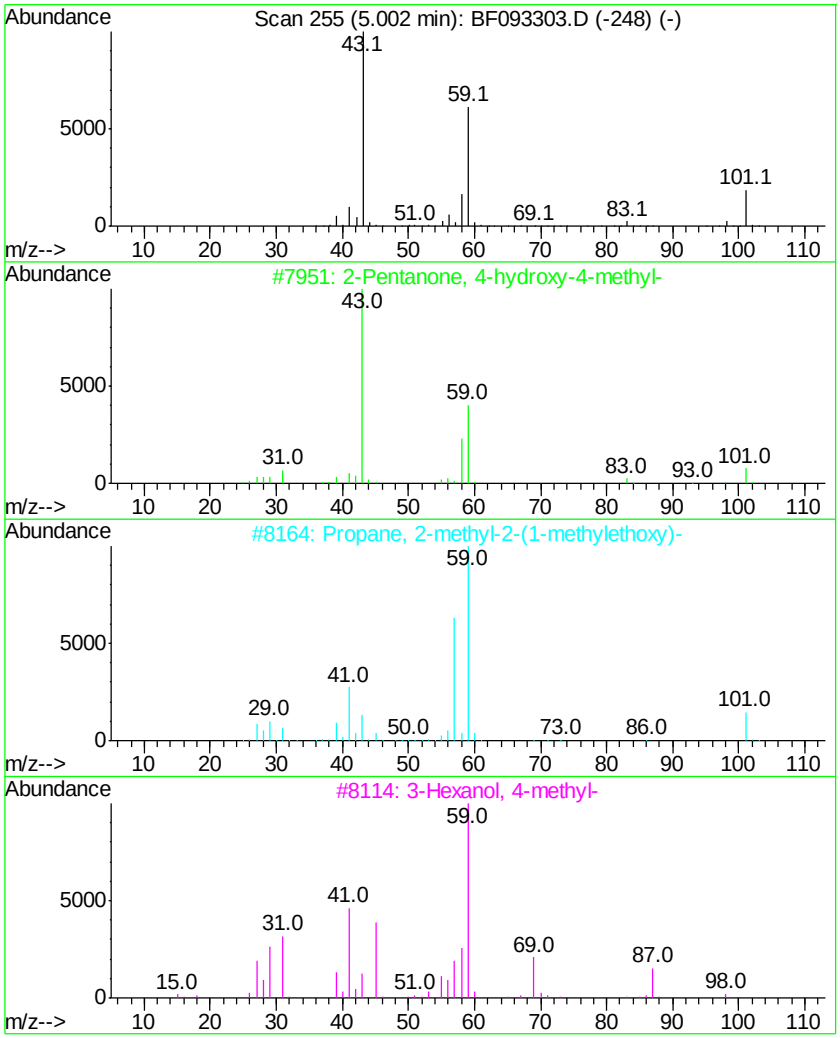
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

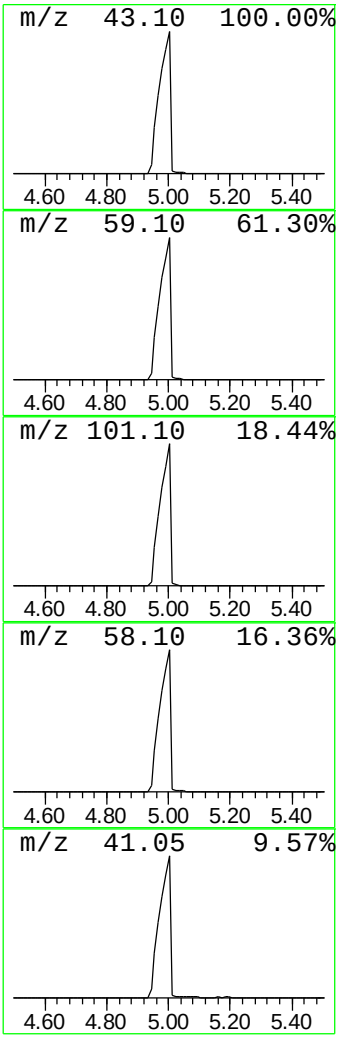
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	243.26 ng	10884600	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

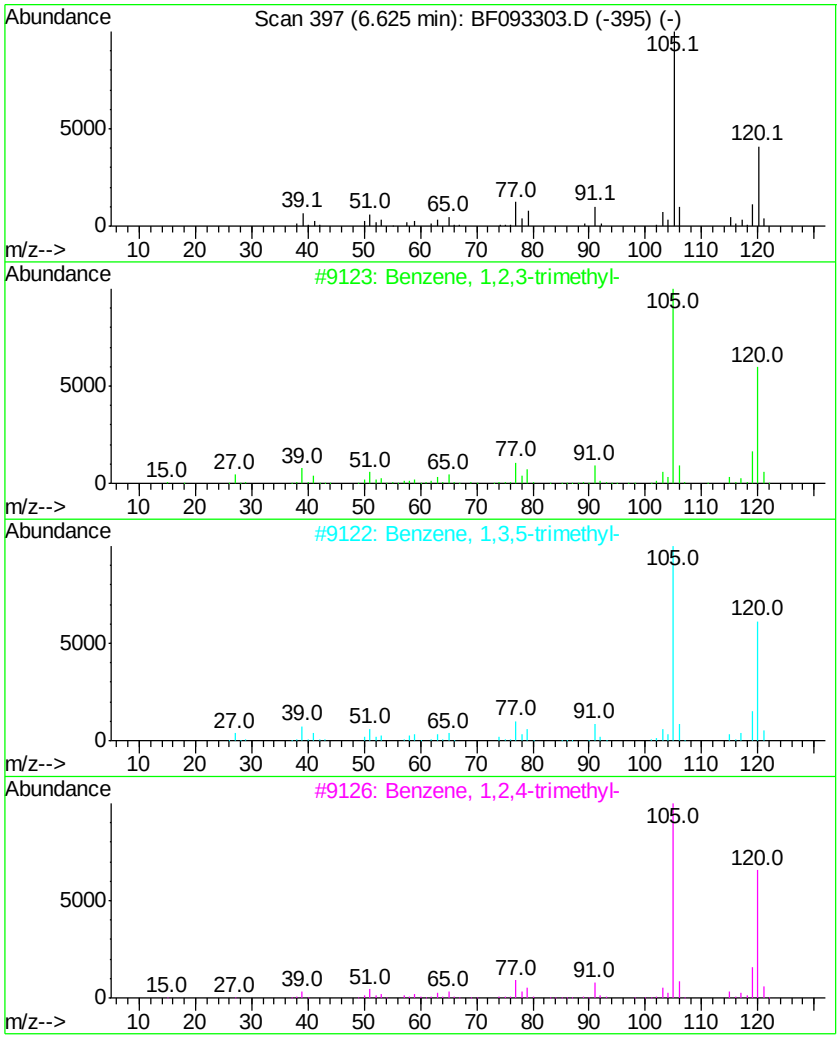
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

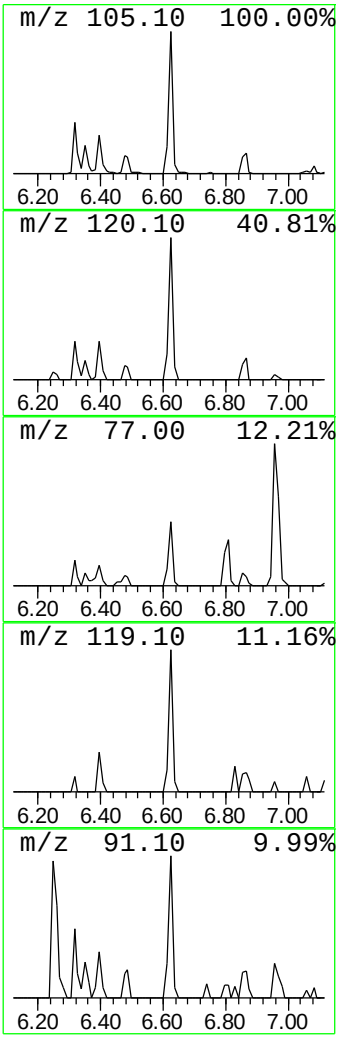
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	2.80 ng	125107	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Sample : I2012-11
Misc :
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Instrument : BNA_F
ClientSampleId : P-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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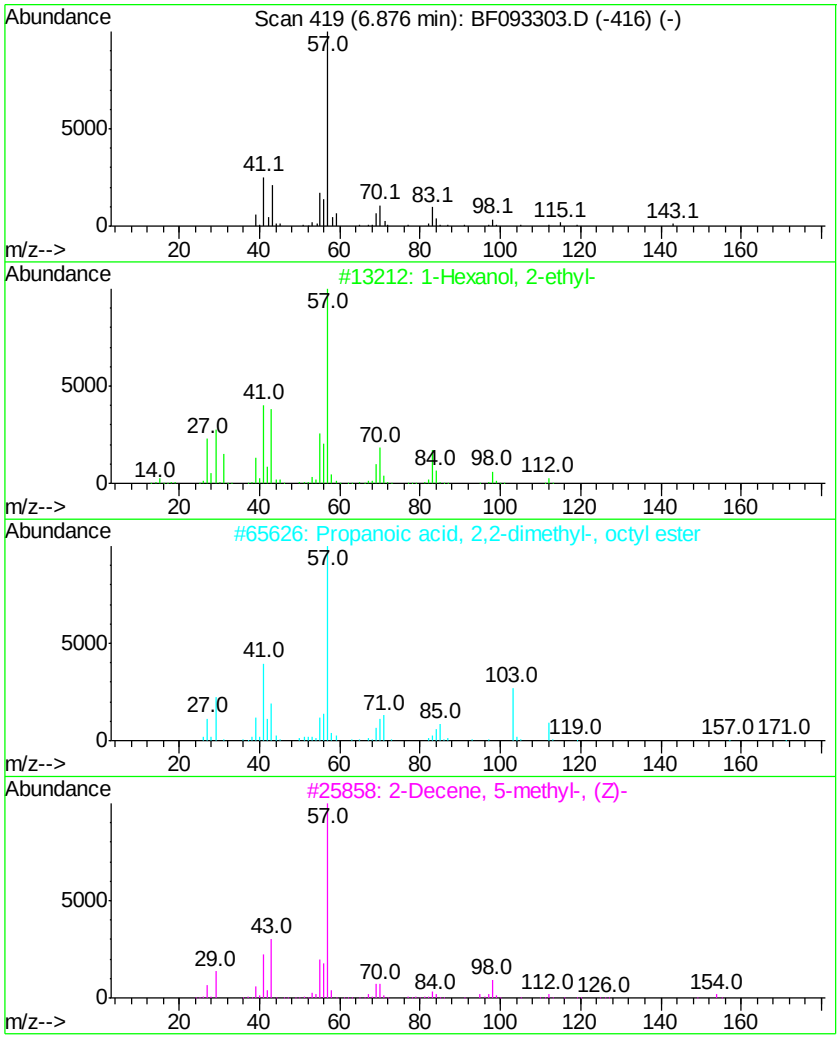
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

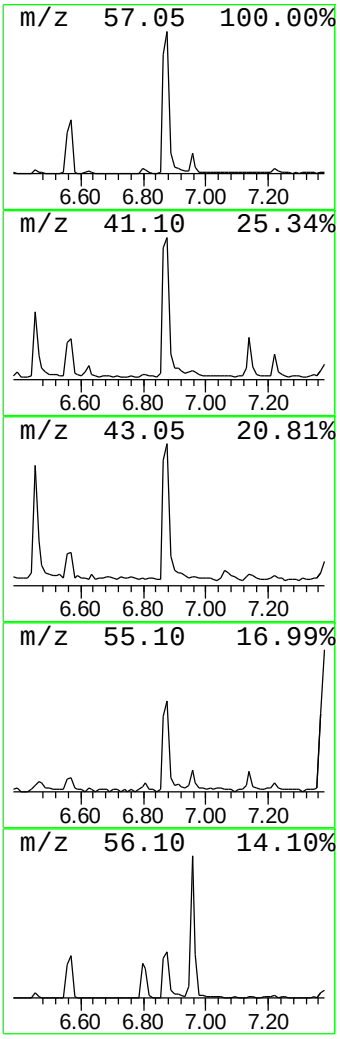
****

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	6.78 ng	303584	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
2	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	59
3	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	50
4	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	45
5	Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	45





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Sample : I2012-11
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Instrument : BNA_F
ClientSampleId : P-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

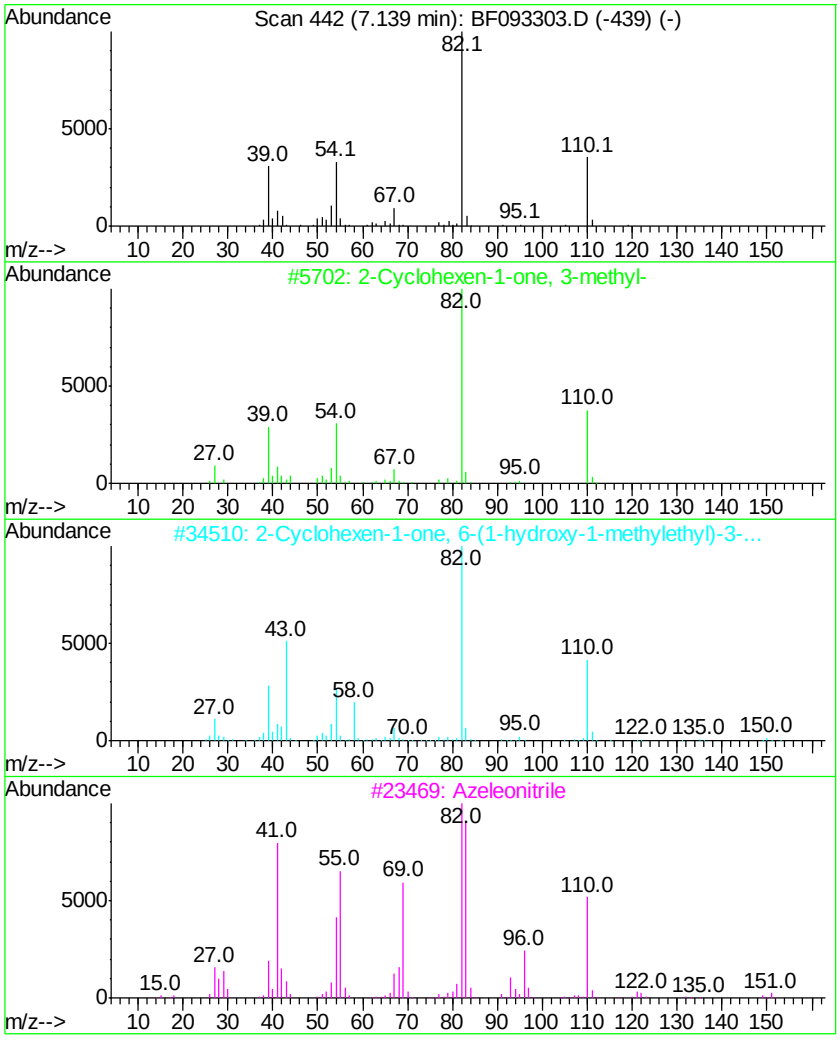
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

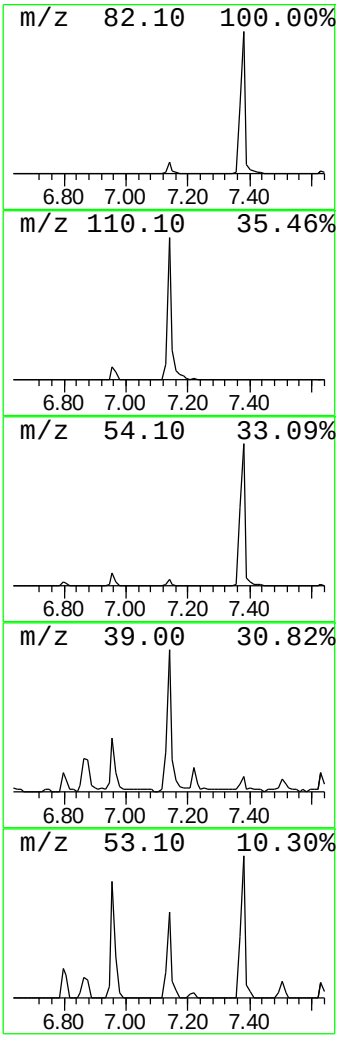
****

Peak Number 8 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	4.92 ng	219969	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	83
3	Azeleonitrile	150	C9H14N2	001675-69-0	56
4	1,2,3,6-Tetrahydropyridine	83	C5H9N	000694-05-3	45
5	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
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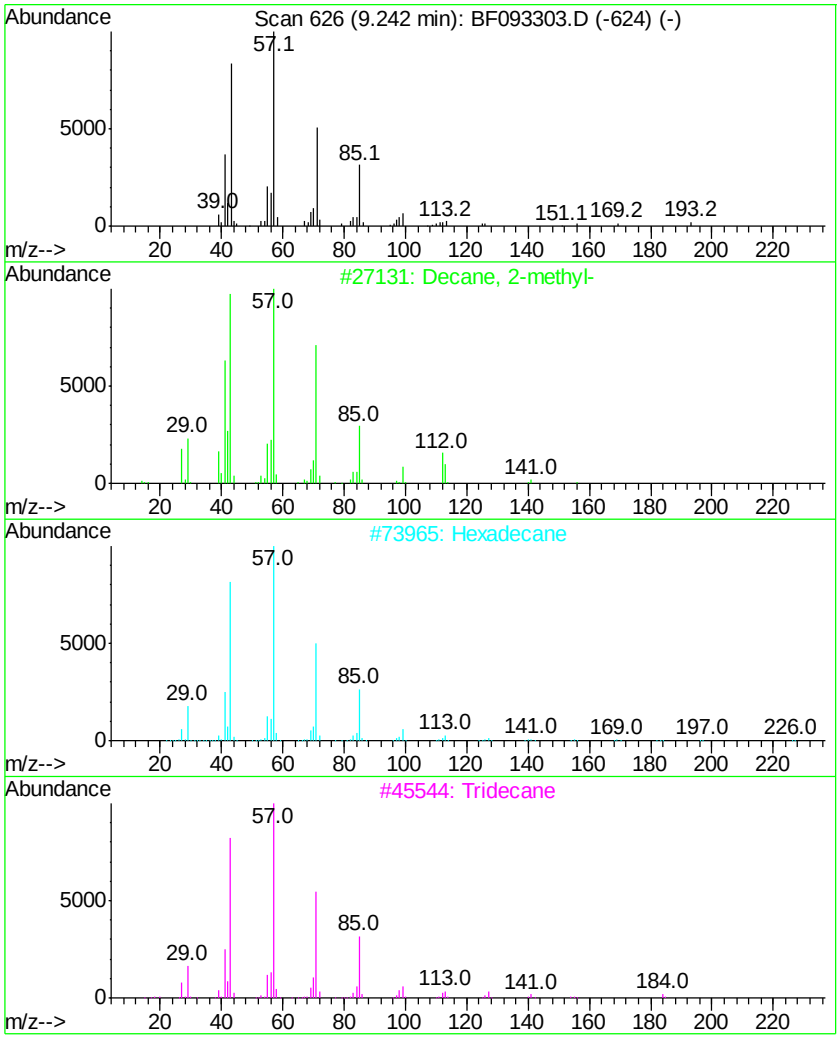
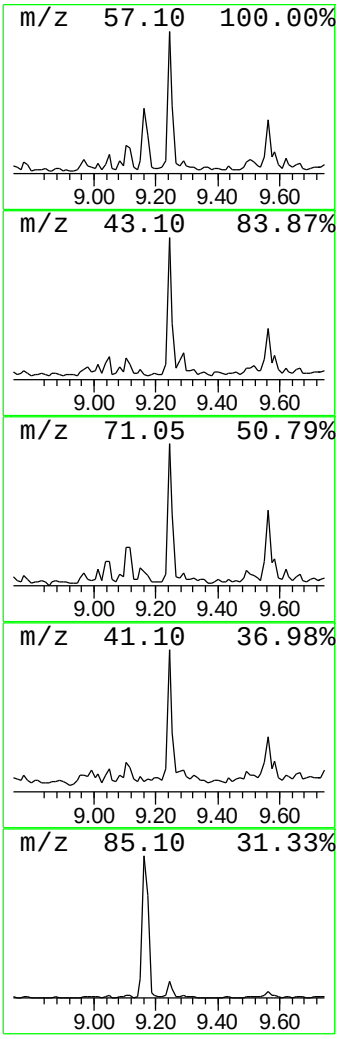
Peak Number 9 Decane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.21 ng	135752	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Eicosane	282	C20H42	000112-95-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093303.D
Acq On : 1 Mar 2017 21:40
Operator : SJ/MA
Sample : I2012-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

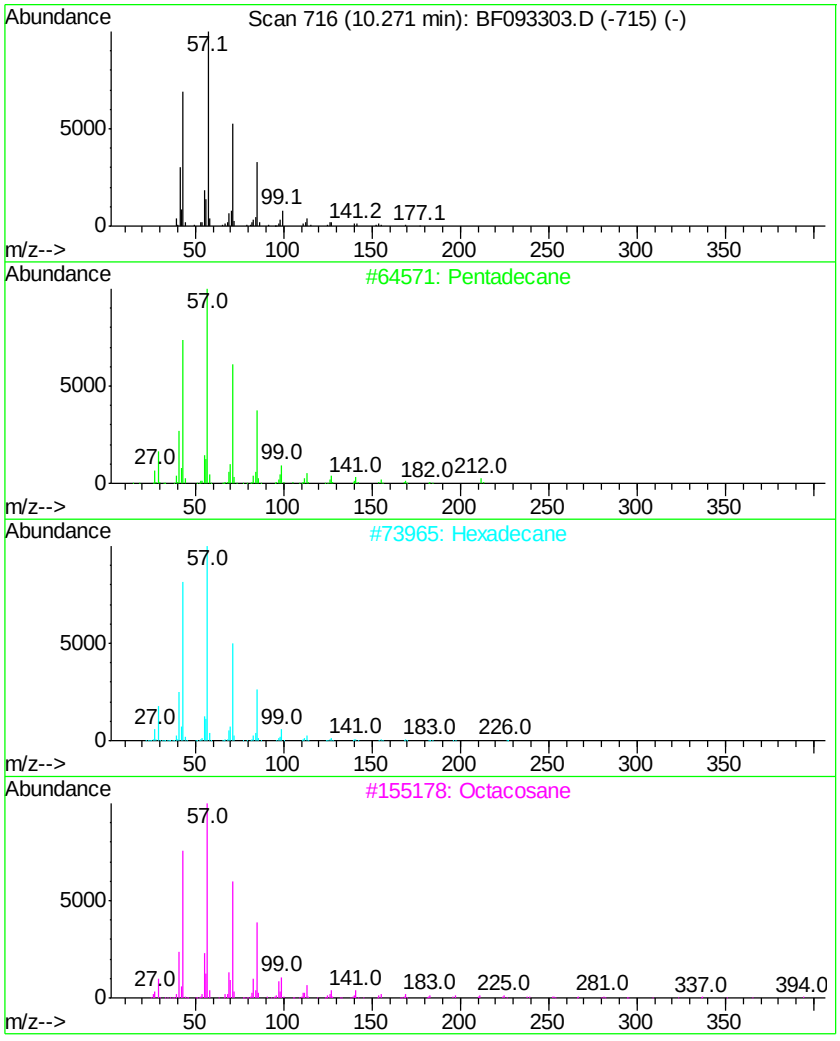
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

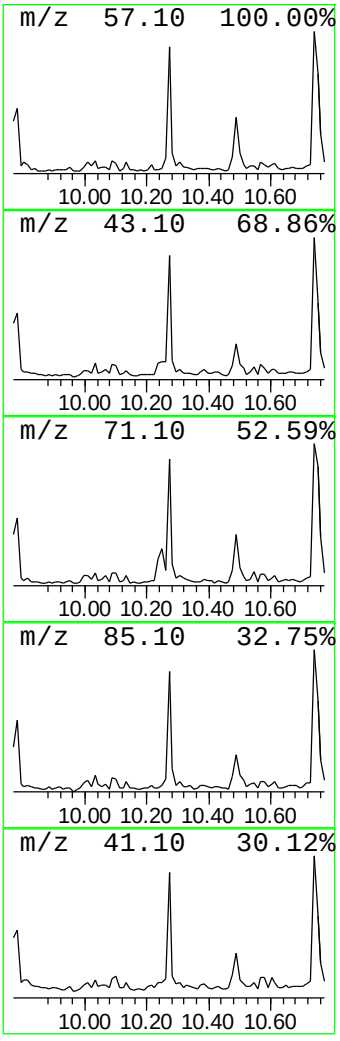
****

Peak Number 10 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.35 ng	144548	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Octacosane	394	C28H58	000630-02-4	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane	184	C13H28	000629-50-5	72





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Misc :
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ClientSampleId : P-13

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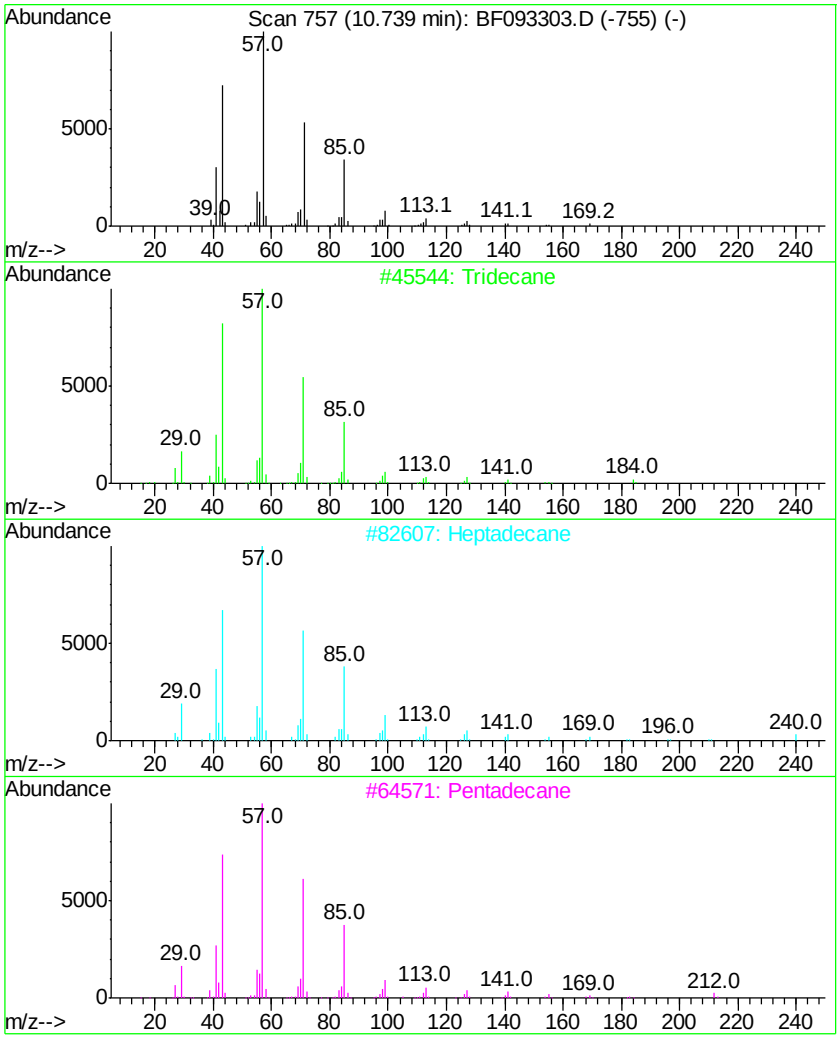
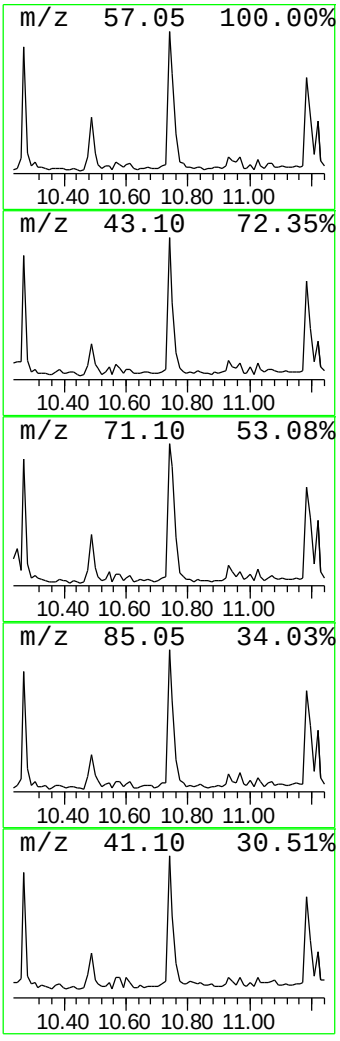
Peak Number 11 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	4.83 ng	310068	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Eicosane	282	C20H42	000112-95-8	83





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Sample : I2012-11
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-13

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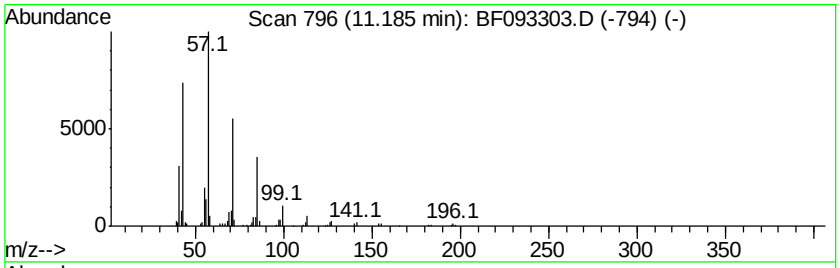
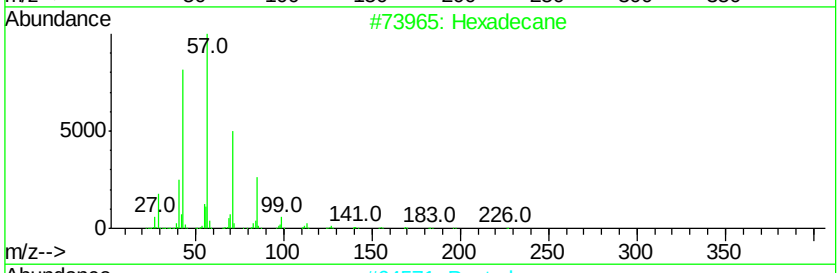
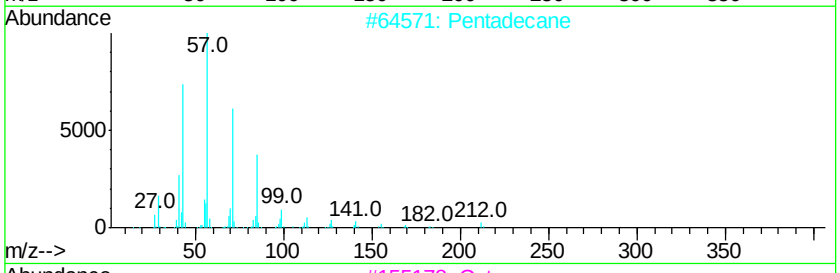
Peak Number 12 Hexadecane Concentration Rank 14

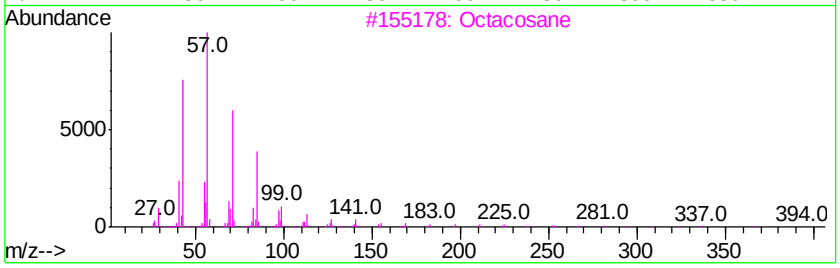
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.97 ng	190429	Phenanthrene-d10	11.32

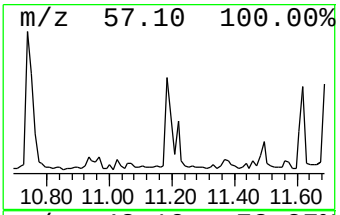
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Heptadecane	240	C17H36	000629-78-7	86

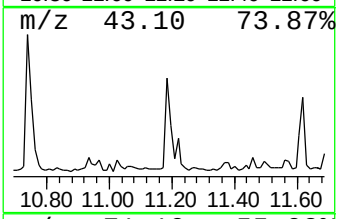


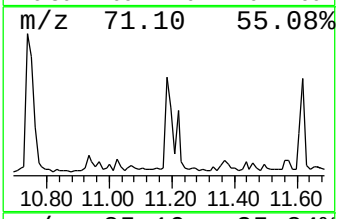


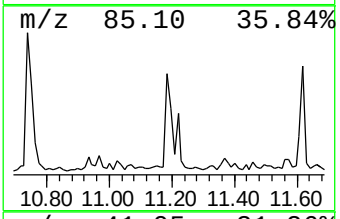


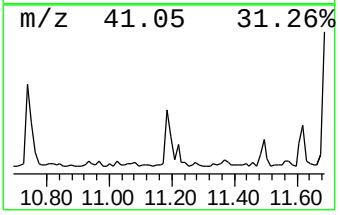












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Data File : BF093303.D
Acq On : 1 Mar 2017 21:40
Operator : SJ/MA
Sample : I2012-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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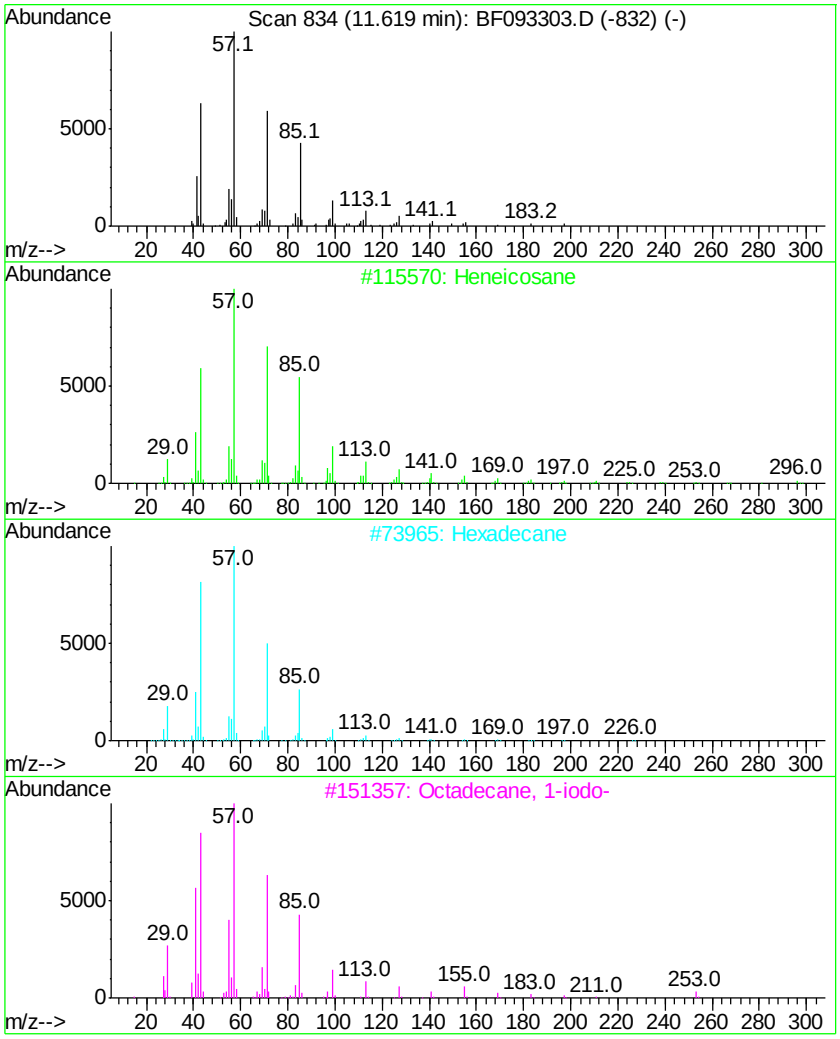
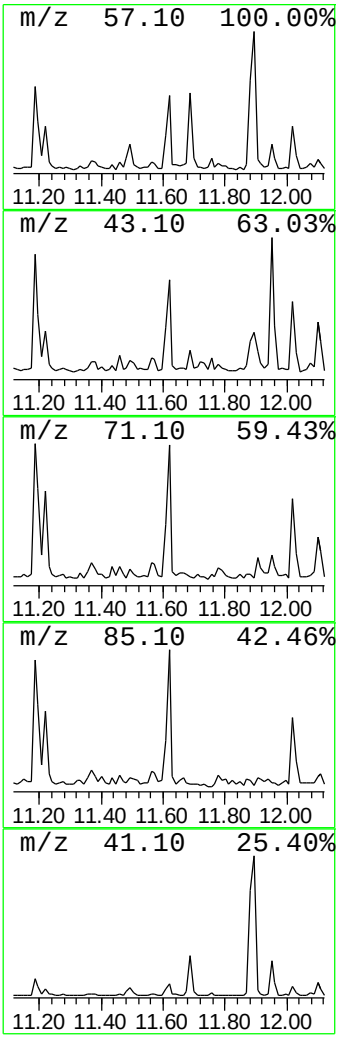
Peak Number 13 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	2.40 ng	154173	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78





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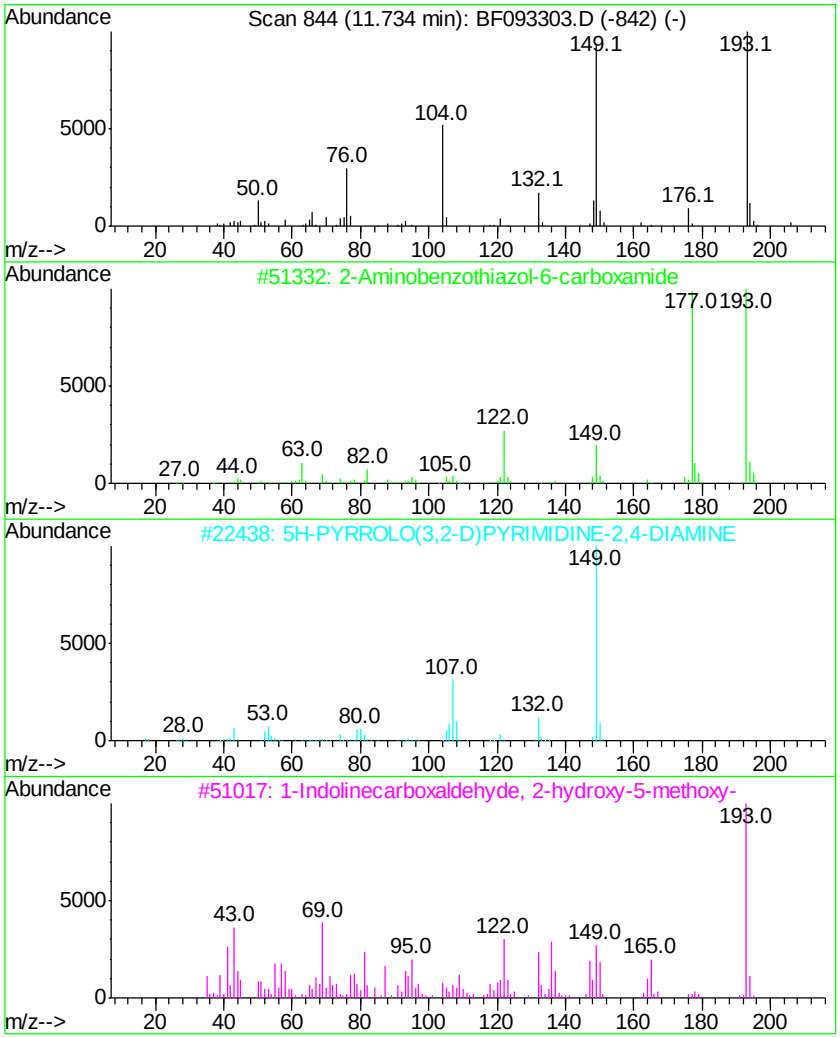
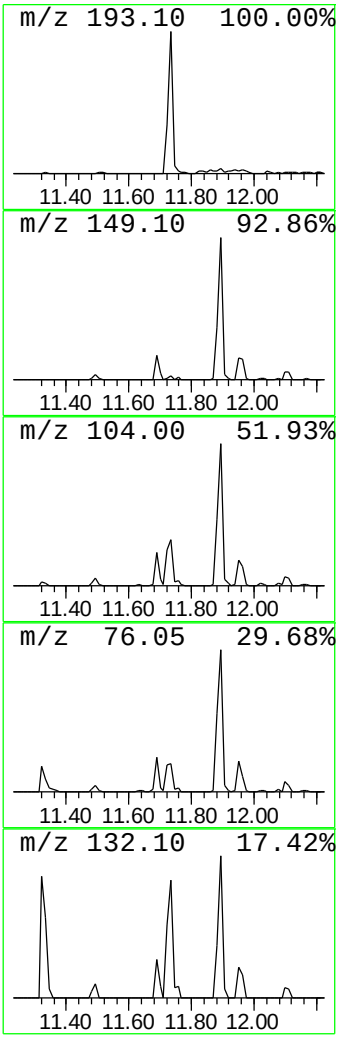
Peak Number 15 unknown11.73 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.56 ng	164346	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aminobenzothiazol-6-carboxamide	193	C8H7N3OS	111962-90-4	35
2	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	22
3	1-Indolinecarboxaldehyde, 2-hydr...	193	C10H11NO3	013303-70-3	17
4	m-Nitrobenzaldehyde dimethylhydr...	193	C9H11N3O2	032787-76-1	16
5	(2-Hydroxy-3,5-dimethylbenzoyl)f...	194	C10H10O4	1000241-63-8	16





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Instrument : BNA_F
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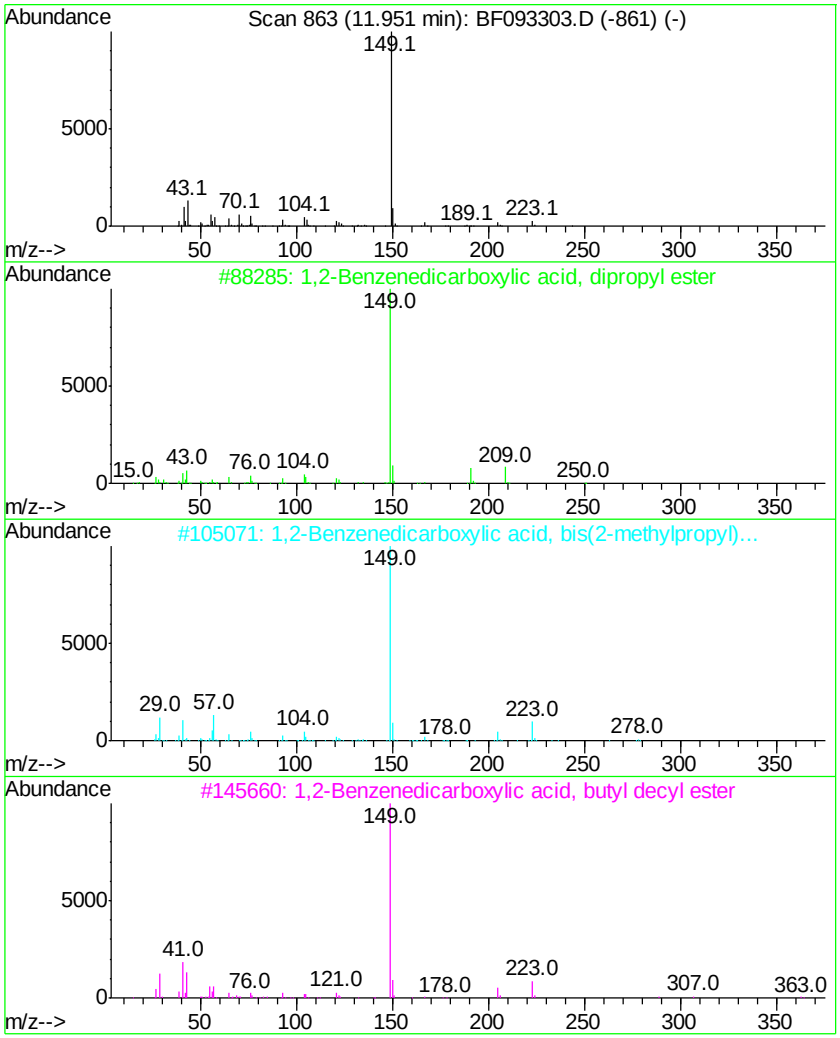
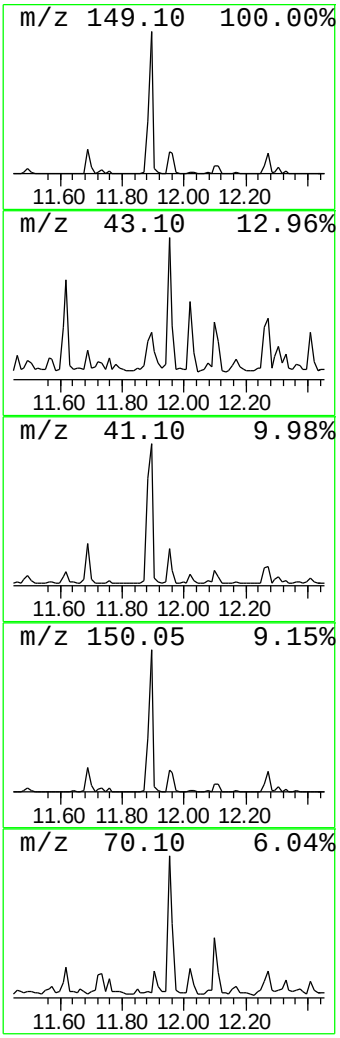
Peak Number 16 1,2-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	9.53 ng	612125	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	78
2	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	78
3	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-19-0	78
4	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	74
5	Dibutyl phthalate	278	C16H22O4	000084-74-2	72





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ClientSampleId : P-13

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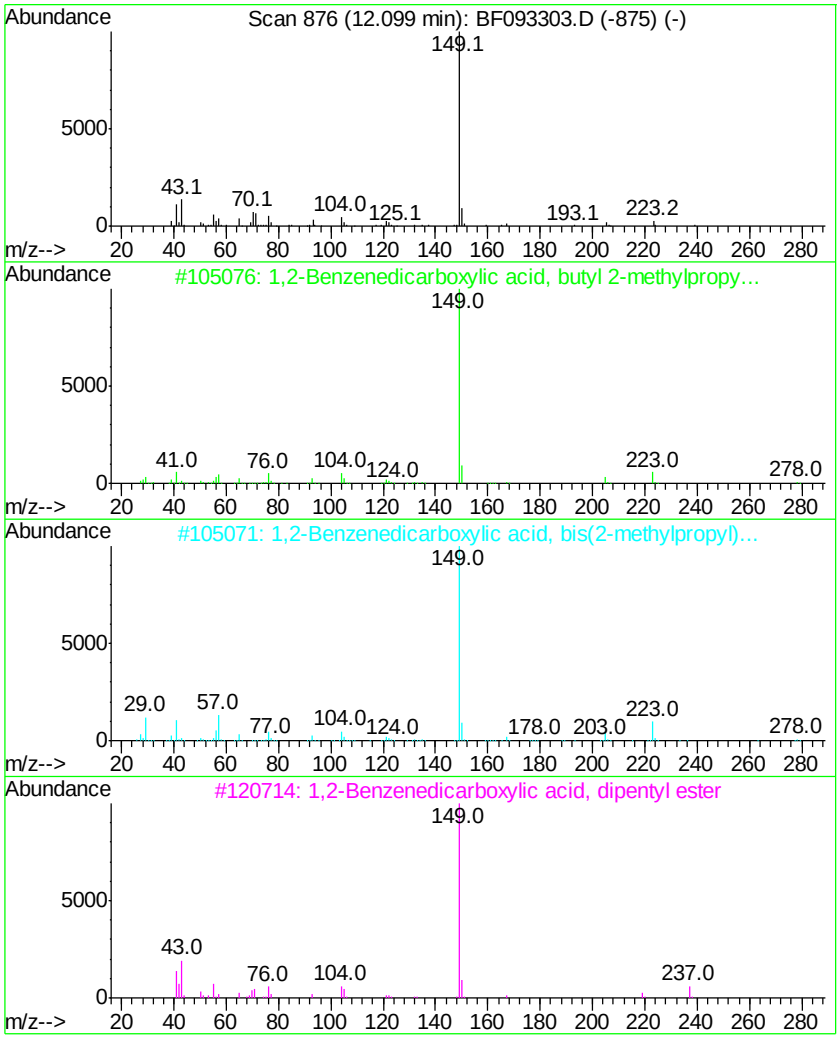
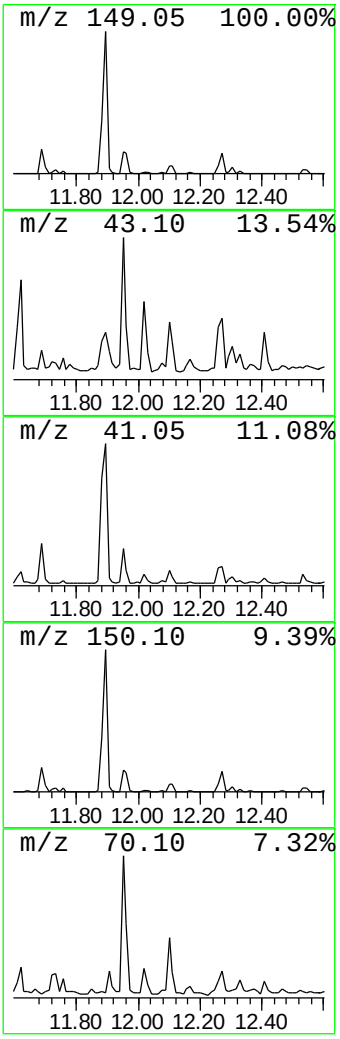
Peak Number 17 1,2-Benzenedicarboxylic aci... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	3.34 ng	214354	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	86
2	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	83
3	1,2-Benzenedicarboxylic acid, di...	306	C18H26O4	000131-18-0	78
4	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-19-0	78
5	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	78





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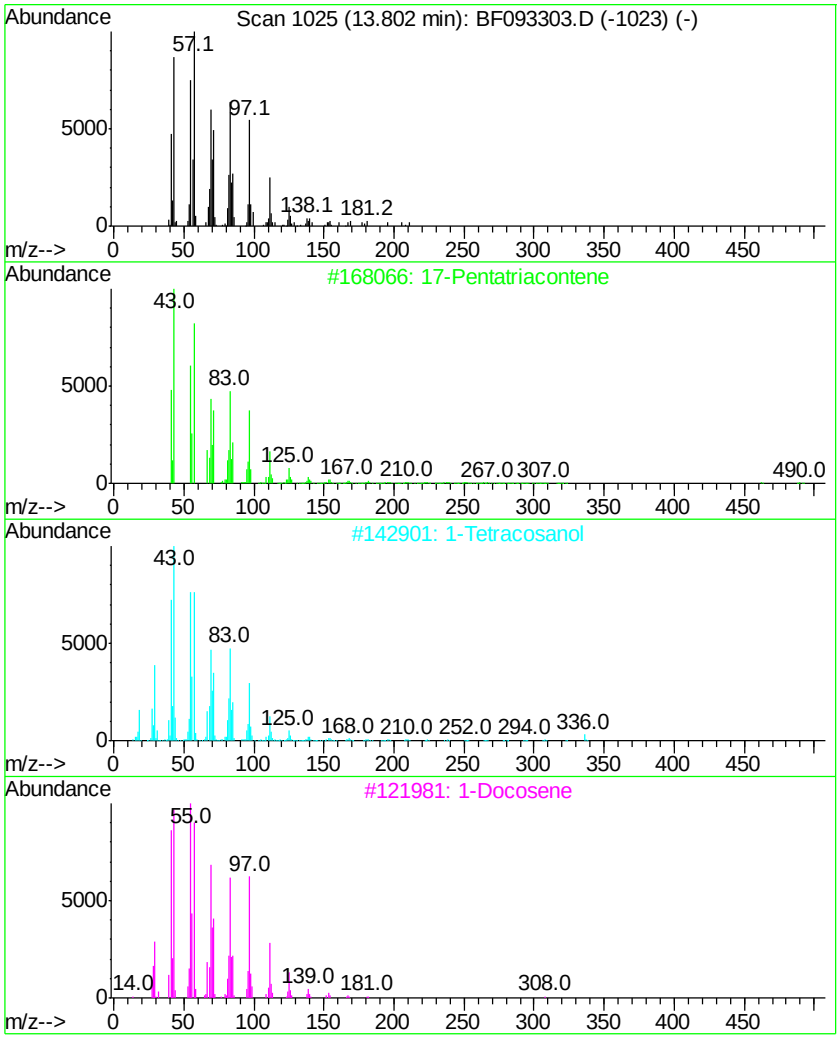
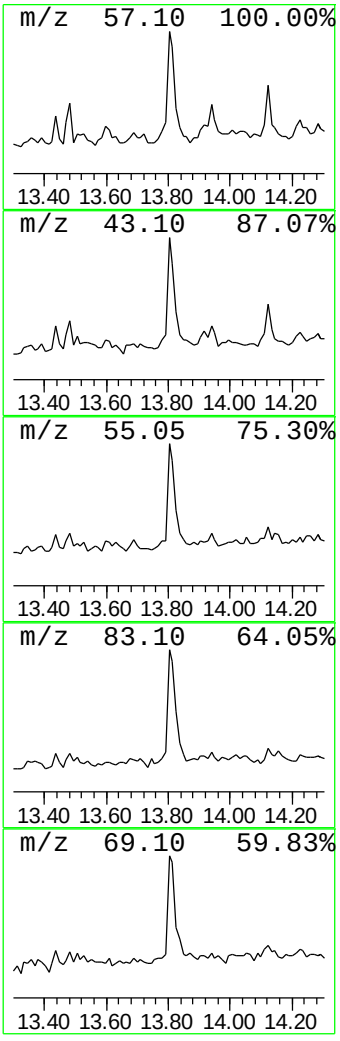
Peak Number 20 17-Pentatriacontene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	4.65 ng	241575	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Tetracosanol	354	C24H50O	000506-51-4	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	87
5	1-Hexacosanol	382	C26H54O	000506-52-5	83





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, (E)-	3.01	3.2	ng	141508	1	6.81	894889	20.0
4-Penten-2-one, 4...	3.24	8.1	ng	362648	1	6.81	894889	20.0
3-Penten-2-one, 4...	4.32	279.5	ng	12507600	1	6.81	894889	20.0
2-Pentanone, 4-hy...	5.00	243.3	ng	10884600	1	6.81	894889	20.0
Benzene, 1,2,3-tr...	6.62	2.8	ng	125107	1	6.81	894889	20.0
1-Hexanol, 2-ethyl-	6.88	6.8	ng	303584	1	6.81	894889	20.0
2-Cyclohexen-1-on...	7.14	4.9	ng	219969	1	6.81	894889	20.0
Decane, 2-methyl-	9.24	2.2	ng	135752	3	9.85	1228010	20.0
Pentadecane	10.27	2.4	ng	144548	3	9.85	1228010	20.0
Tridecane	10.74	4.8	ng	310068	4	11.32	1284310	20.0
Hexadecane	11.19	3.0	ng	190429	4	11.32	1284310	20.0
Heneicosane	11.62	2.4	ng	154173	4	11.32	1284310	20.0
unknown11.73	11.73	2.6	ng	164346	4	11.32	1284310	20.0
1,2-Benzenedicarb...	11.95	9.5	ng	612125	4	11.32	1284310	20.0
1,2-Benzenedicarb...	12.10	3.3	ng	214354	4	11.32	1284310	20.0
17-Pentatriacontene	13.80	4.7	ng	241575	5	13.97	1039460	20.0