LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100466.D
Acq On : 12 Nov 2017 3:57
Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

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-BF110817.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	3.963	312	319	321	rBV2	98191	153506	1.27%	0.154%
2	4.098	335	342	348	rBV	156394	248603	2.06%	0.249%
3	4.251	358	368	372	rBV	343439	500810	4.14%	0.501%
4	4.298	372	376	385	rVB	146775	197901	1.64%	0.198%
5	4.393	385	392	396	rBV2	121568	171356	1.42%	0.172%
6	4.445	396	401	407	rVB2	106116	179482	1.48%	0.180%
7	4.575	415	423	433	rVB3	405518	742885	6.15%	0.744%
8	4.675	433	440	446	rBV	239261	301786	2.50%	0.302%
9	4.822	461	465	469	rBV	136705	160821	1.33%	0.161%
10	4.863	469	472	476	rBV	219987	252810	2.09%	0.253%
11	4.975	486	491	496	rBV	840786	1045480	8.65%	1.047%
12	5.051	496	504	506	rBV2	875819	1499325	12.40%	1.501%
13	5.075	506	508	513	rVB	1255059	1471608	12.17%	1.473%
14	5.128	513	517	522	rBV2	2286702	3021652	25.00%	3.025%
15	5.187	523	527	533	rVB3	406188	691357	5.72%	0.692%
16	5.257	536	539	545	rVB	360306	422738	3.50%	0.423%
17	5.328	546	551	555	rBV2	2181159	3337300	27.61%	3.341%
18	5.410	560	565	567	rBV	1406442	1661430	13.74%	1.663%
19	5.434	567	569	574	rVB	1005366	940698	7.78%	0.942%
20	5.481	574	577	579	rBV	350596	389293	3.22%	0.390%
21	5.522	579	584	595	rVB2	3427956	6112462	50.56%	6.120%
22	5.610	595	599	603	rBV	1115249	1378186	11.40%	1.380%
23	5.651	604	606	608	rVB2	259836	212002	1.75%	0.212%
24	5.687	608	612	617	rBV3	1674686	3288608	27.20%	3.293%
25	5.734	617	620	623	rBV	2060791	1936318	16.02%	1.939%
26	5.775	623	627	632	rVB2	1541837	1922857	15.91%	1.925%
27	5.822	632	635	636	rBV	657413	600885	4.97%	0.602%
28	5.939	648	655	659	rBV4	3069913	5924653	49.01%	5.932%
29	5.987	659	663	666	rVV3	1175493	2029362	16.79%	2.032%
30	6.075	673	678	683	rBV3	2790804	4925155	40.74%	4.931%
31	6.116	683	685	688	rVB3	636441	644704	5.33%	0.645%
32	6.175	690	695	701	rBV3	4545536	12088730	100.00%	12.104%
33	6.228	701	704	707	rVB2	1852952	2437386	20.16%	2.440%
34	6.357	721	726	728	rBV2	2879411	4187668	34.64%	4.193%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100466.D
Acq On : 12 Nov 2017 3:57
Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.422	734	737	739	rBV	1228254	1223877	10.12%	1.225%
36	6.457	739	743	750	rBV5	2011670	4437974	36.71%	4.443%
37	6.686	775	782	783	rBV4	2066292	4347910	35.97%	4.353%
38	10.610	1444	1449	1454	rVB	2724778	4766343	39.43%	4.772%
39	10.722	1466	1468	1471	rVB3	1315495	1205513	9.97%	1.207%
40	10.757	1471	1474	1477	rBV4	859154	916414	7.58%	0.918%
41	10.869	1488	1493	1496	rBV	3485072	5173584	42.80%	5.180%
42	11.033	1519	1521	1523	rBV2	476465	440208	3.64%	0.441%
43	11.321	1566	1570	1576	rVB	2169755	2829054	23.40%	2.833%
44	11.433	1586	1589	1591	rBV	831222	838051	6.93%	0.839%
45	11.457	1591	1593	1603	rVB3	504425	934976	7.73%	0.936%
46	11.663	1625	1628	1633	rVB	503504	539750	4.46%	0.540%
47	12.398	1750	1753	1756	rBV2	137450	125007	1.03%	0.125%
48	12.474	1762	1766	1769	rVB3	151922	175717	1.45%	0.176%
49	13.015	1851	1858	1861	rBV	3230994	3495326	28.91%	3.500%
50	13.486	1930	1938	1947	rVV	1721206	1653869	13.68%	1.656%
51	13.892	2002	2007	2015	rBV	282319	339895	2.81%	0.340%
52	14.062	2032	2036	2040	rVB	926888	803898	6.65%	0.805%
53	15.545	2283	2288	2297	rVB	412900	550665	4.56%	0.551%

Sum of corrected areas: 99877848

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
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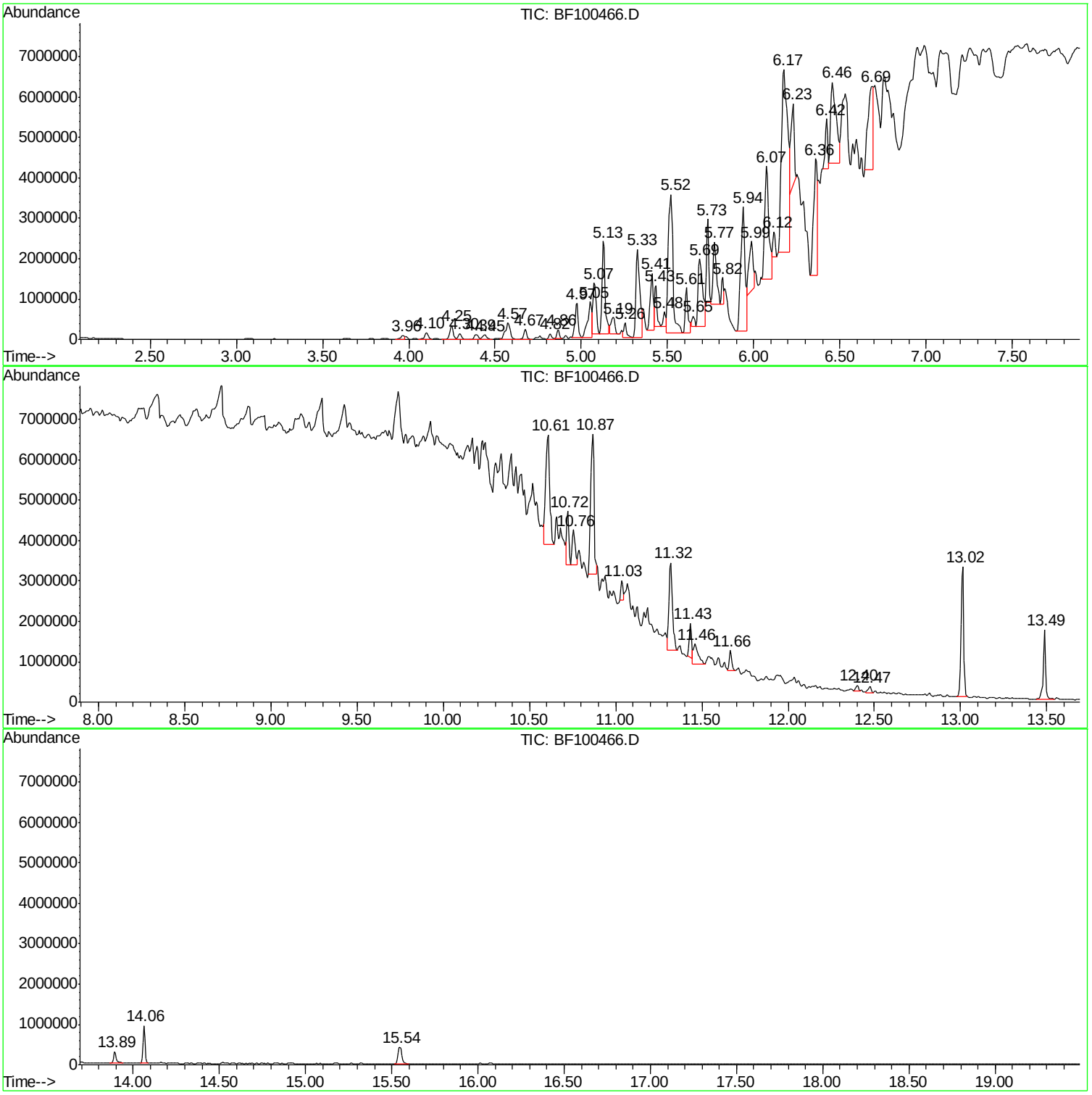
Acq On : 12 Nov 2017 3:57
Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-A19R(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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Data File : BF100466.D
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Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

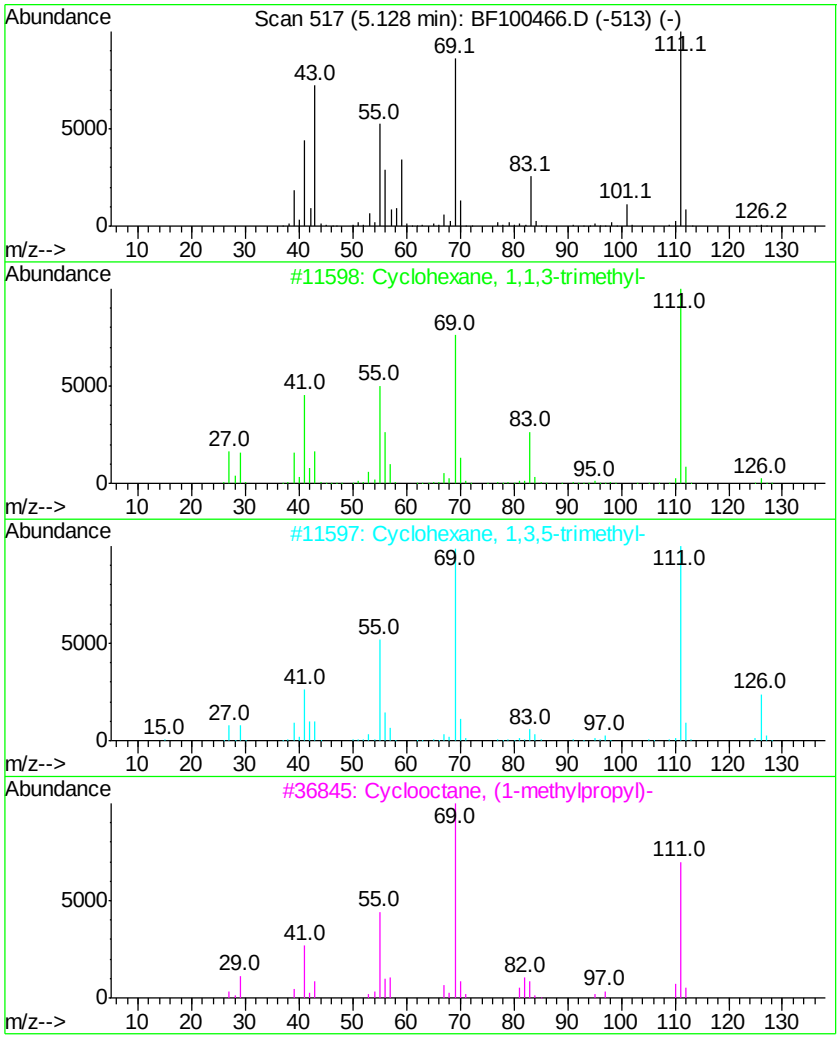
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

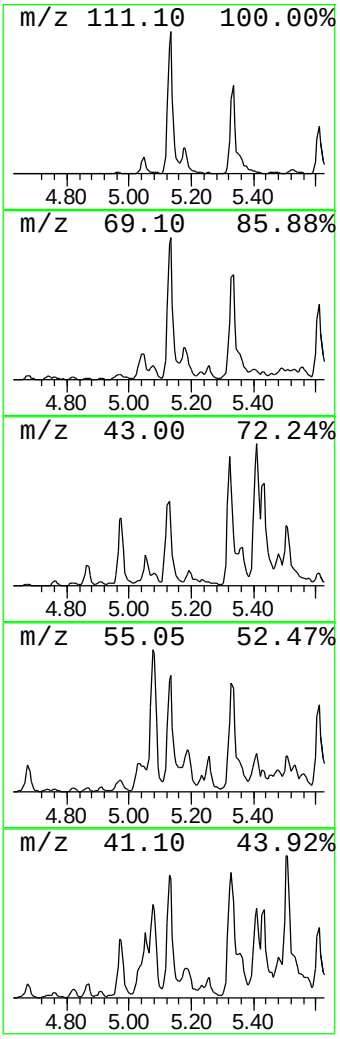
****

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	13.90 ng	3021650	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	59
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	45
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	45





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Data File : BF100466.D
Acq On : 12 Nov 2017 3:57
Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

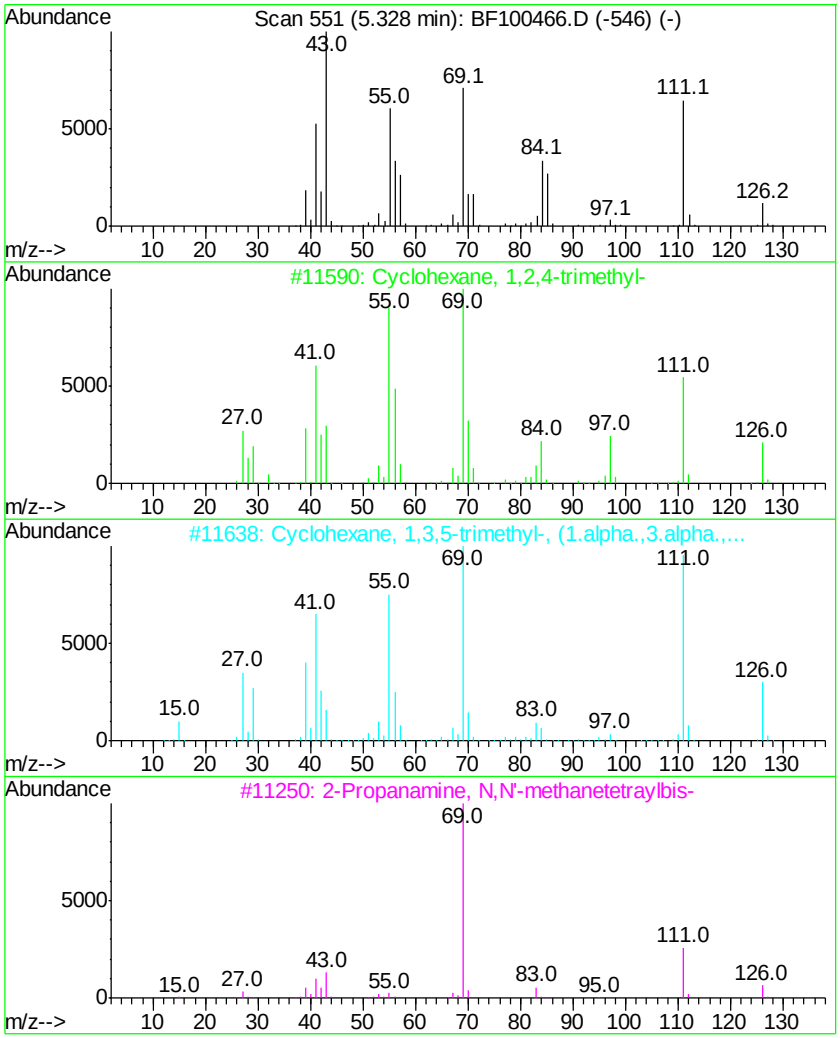
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

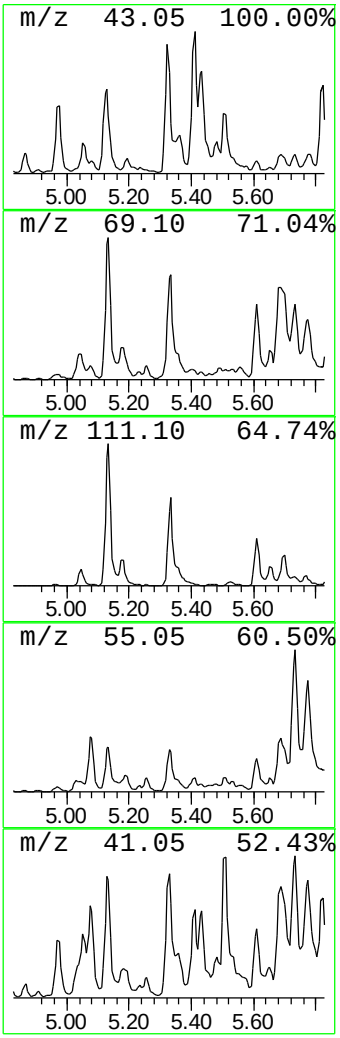
****

Peak Number 2 unknown5.33 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	15.35 ng	3337300	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	43
3	2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	35
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	35
5	4-Nonene	126	C9H18	002198-23-4	30





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100466.D
Acq On : 12 Nov 2017 3:57
Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

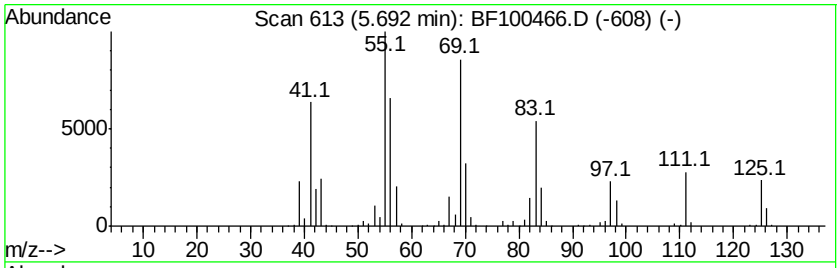
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

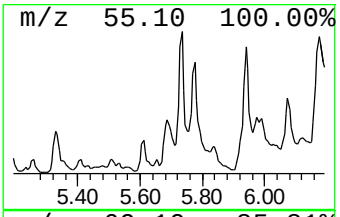
****

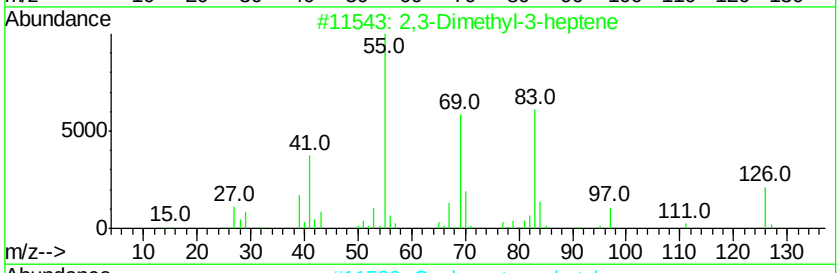
Peak Number 3 2,3-Dimethyl-3-heptene Concentration Rank 12

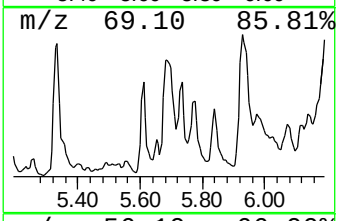
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	15.13 ng	3288610	1,4-Dichlorobenzene-d4	6.92

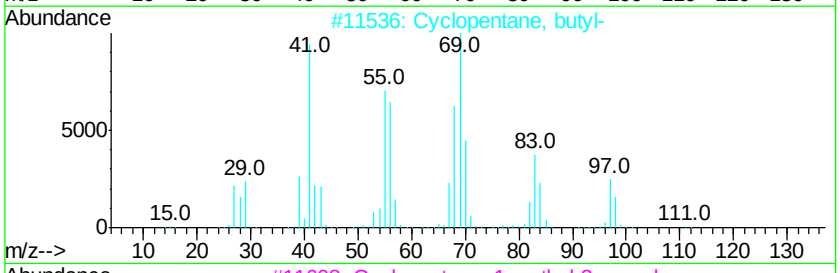
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	64
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	58
3	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	55
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	46
5	2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	43

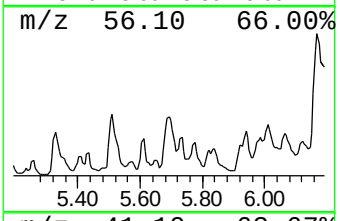


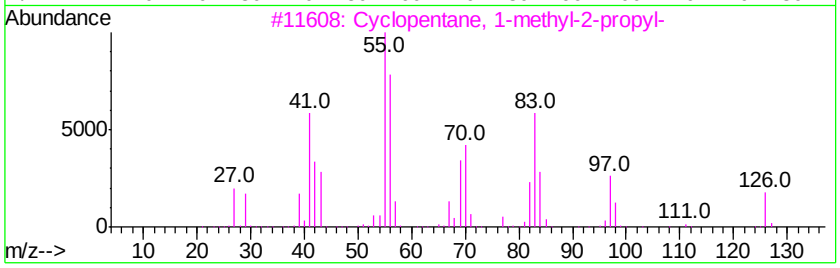


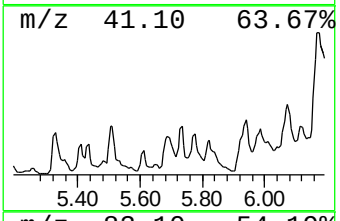


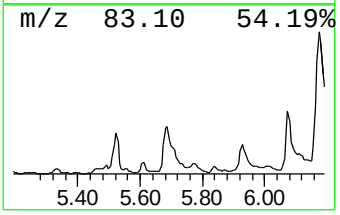












Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100466.D
Acq On : 12 Nov 2017 3:57
Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

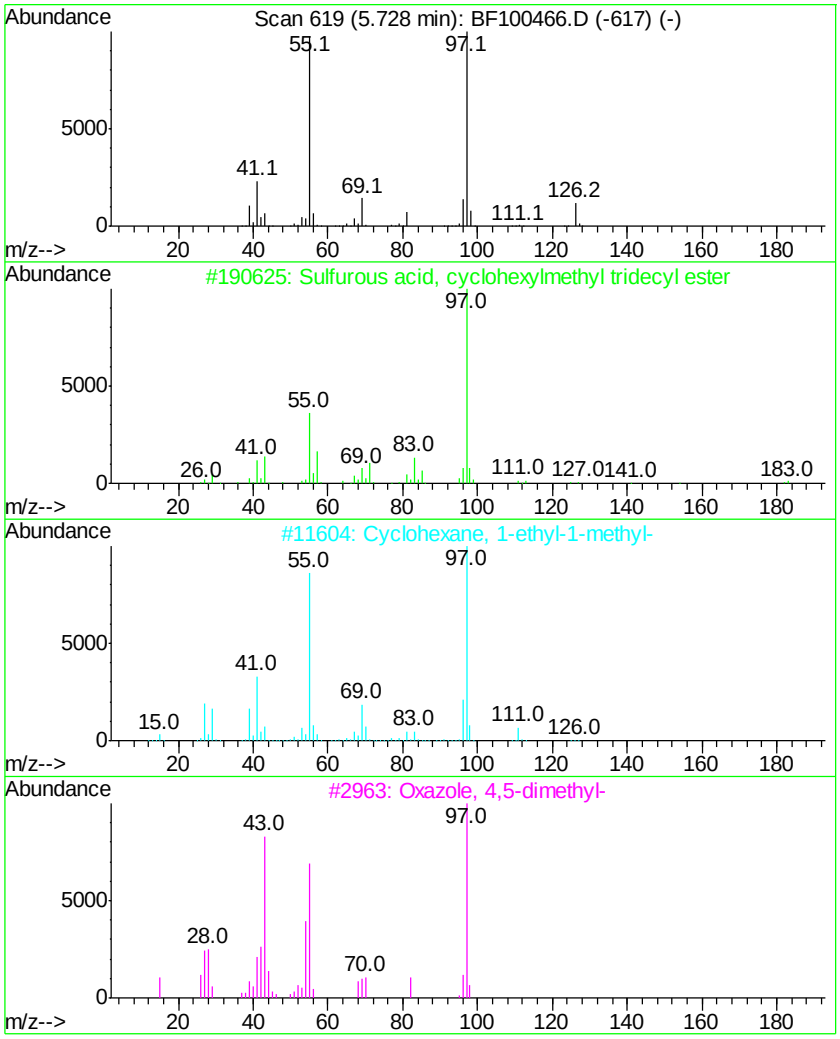
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

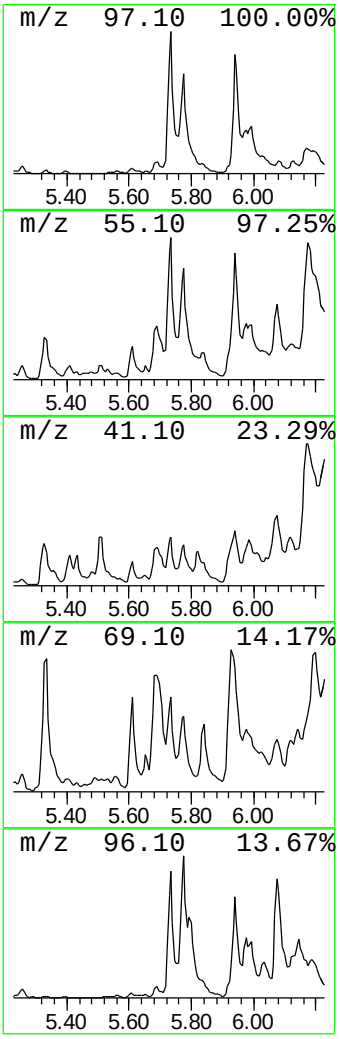
****

Peak Number 4 Sulfurous acid, cyclohexylm... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	8.91 ng	1936320	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	72
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
3	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	64
4	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
5	Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	59





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100466.D
Acq On : 12 Nov 2017 3:57
Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

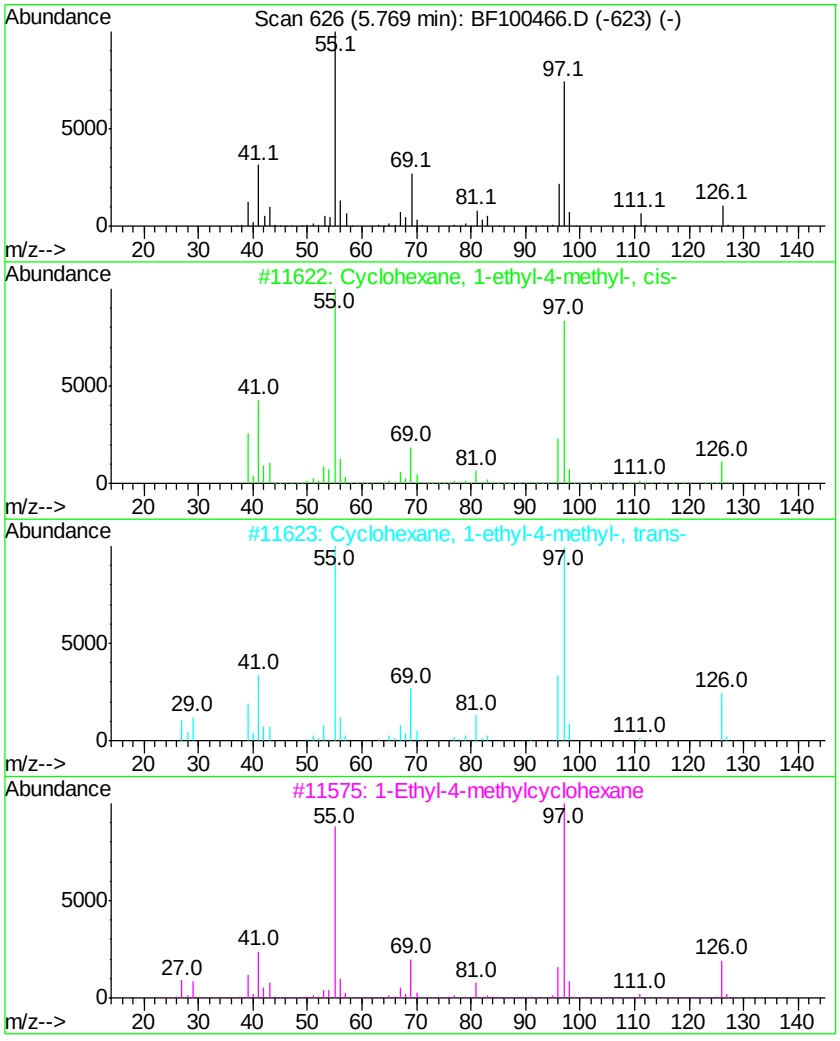
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

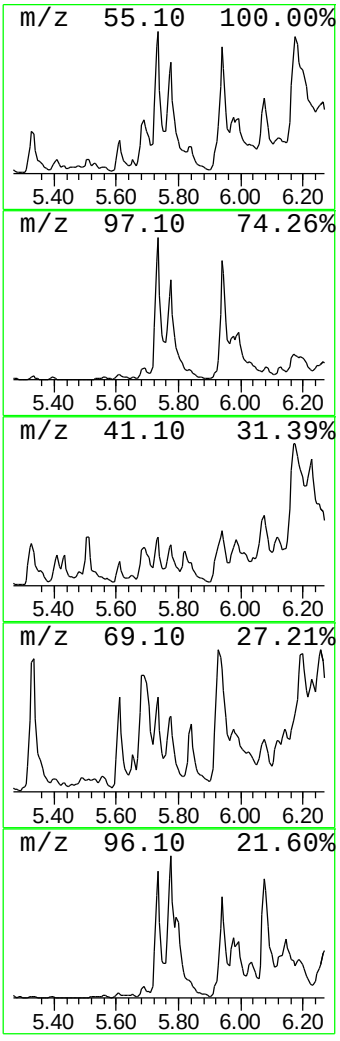
****

Peak Number 5 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	8.84 ng	1922860	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	74
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	68





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Data File : BF100466.D
Acq On : 12 Nov 2017 3:57
Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

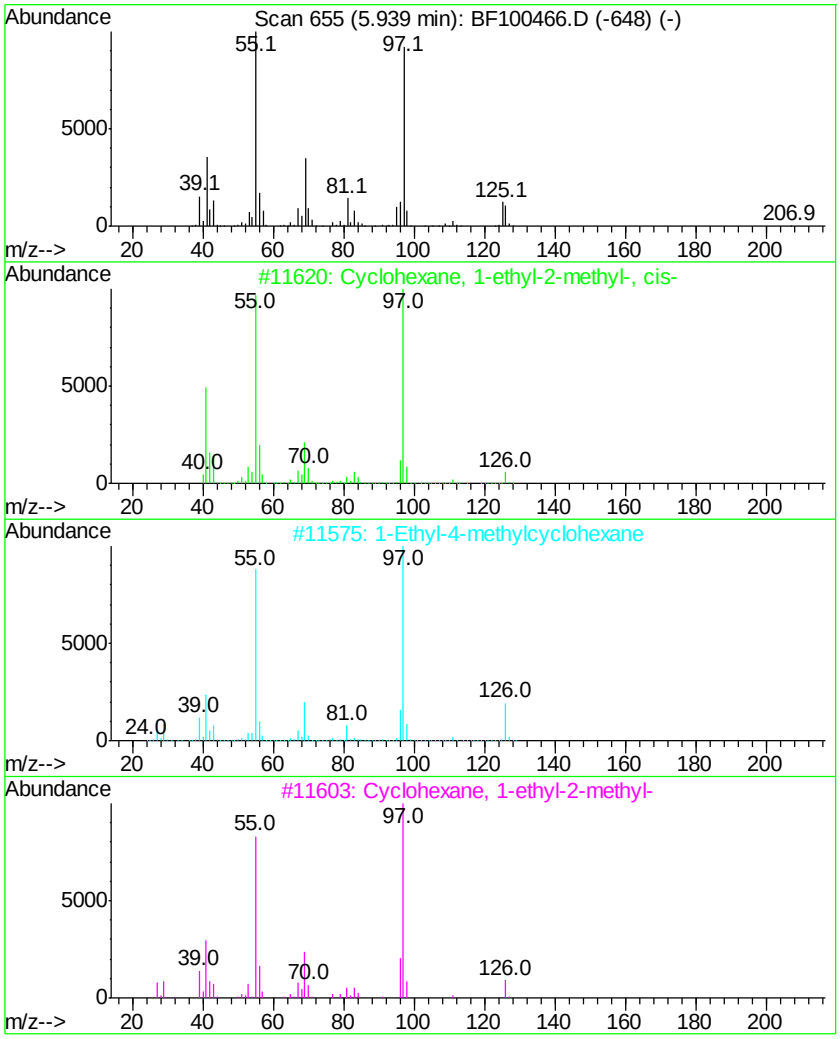
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

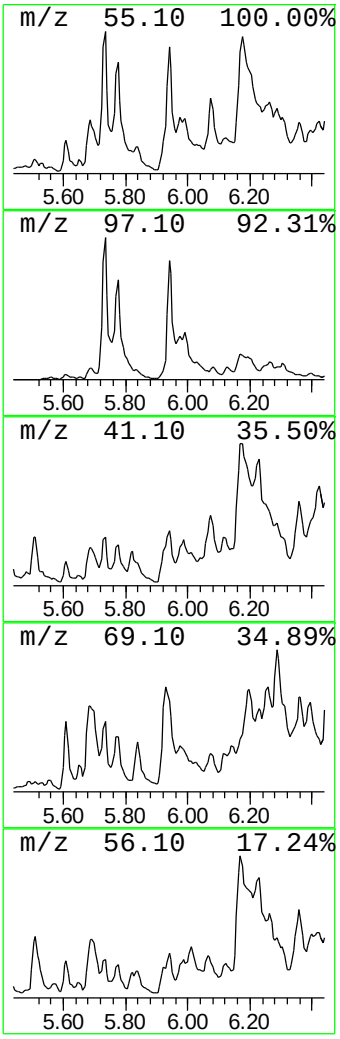
****

Peak Number 6 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	27.25 ng	5924650	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	68





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Data File : BF100466.D
Acq On : 12 Nov 2017 3:57
Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

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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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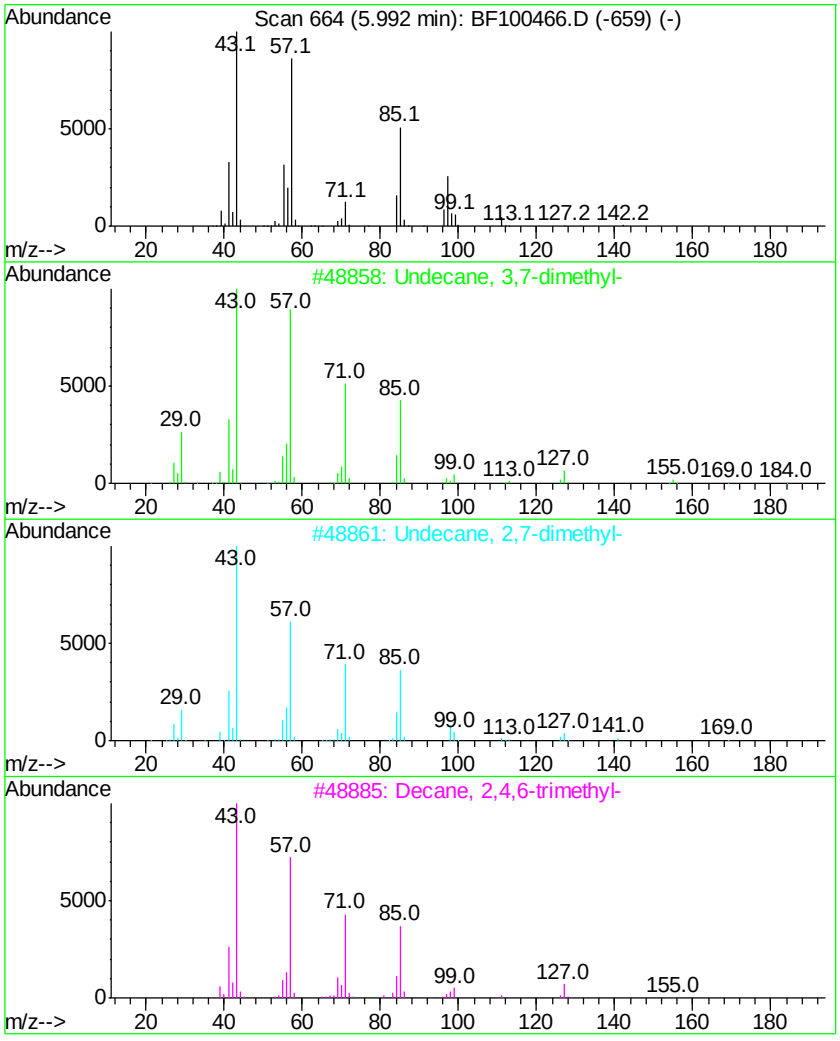
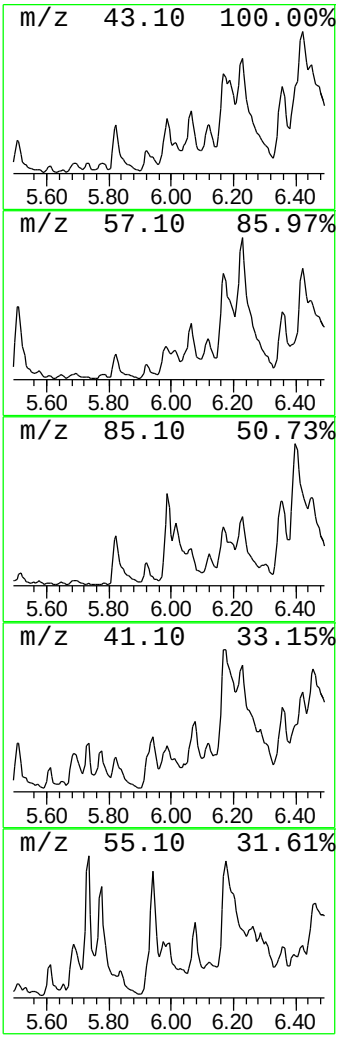
Peak Number 7 Undecane, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	9.33 ng	2029360	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	64
2	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	64
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	59
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
5	Decane	142	C10H22	000124-18-5	50





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Operator : SJ/JU
Sample : I6408-01
Misc :
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Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

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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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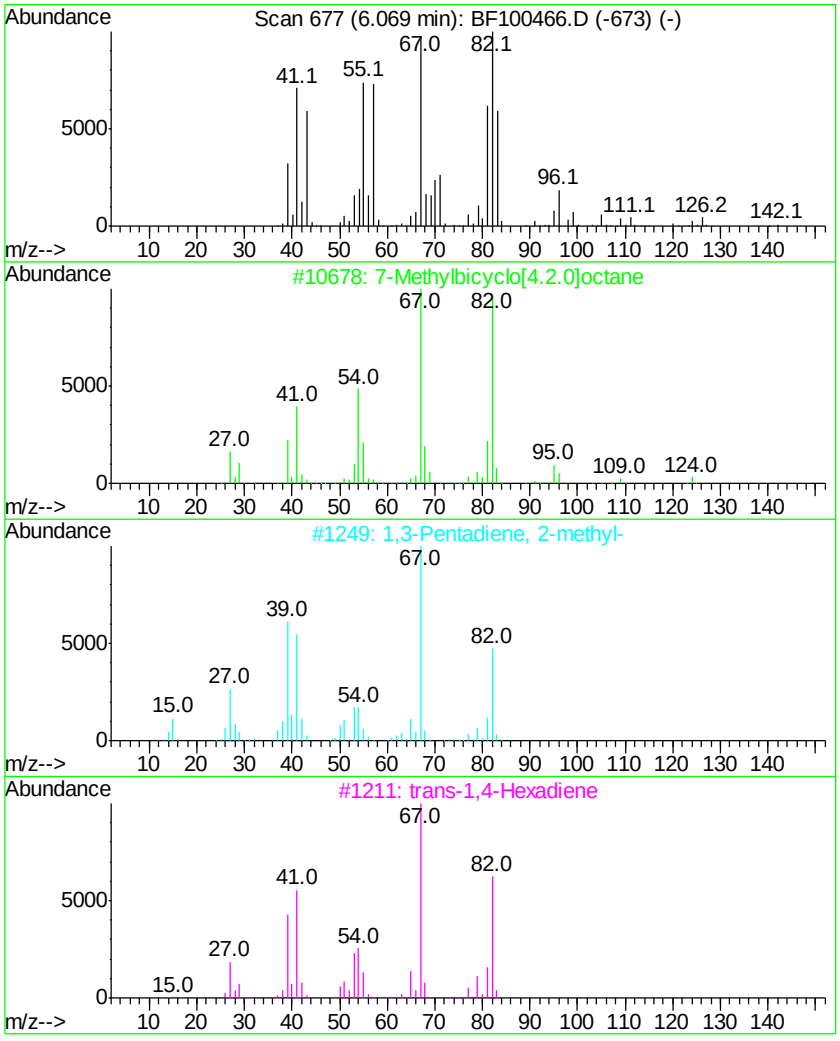
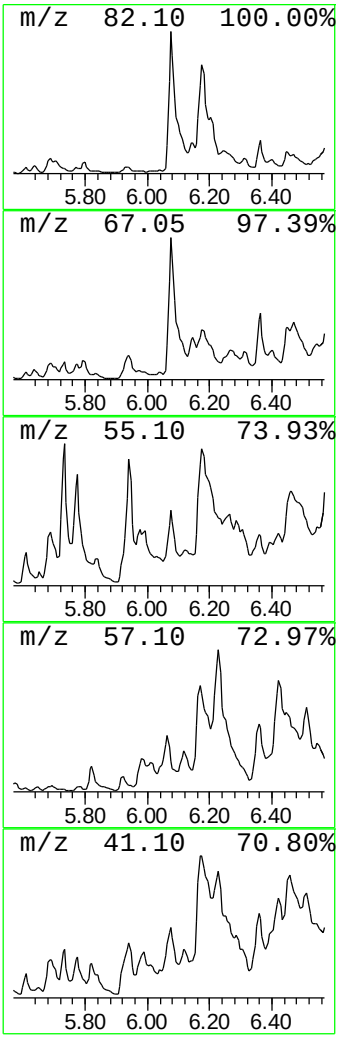
Peak Number 8 7-Methylbicyclo[4.2.0]octane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	22.66 ng	4925160	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	58
2	1,3-Pentadiene, 2-methyl-	82	C6H10	001118-58-7	47
3	trans-1,4-Hexadiene	82	C6H10	007319-00-8	47
4	1,7-Octadiene	110	C8H14	003710-30-3	47
5	3-Hexyne	82	C6H10	000928-49-4	47





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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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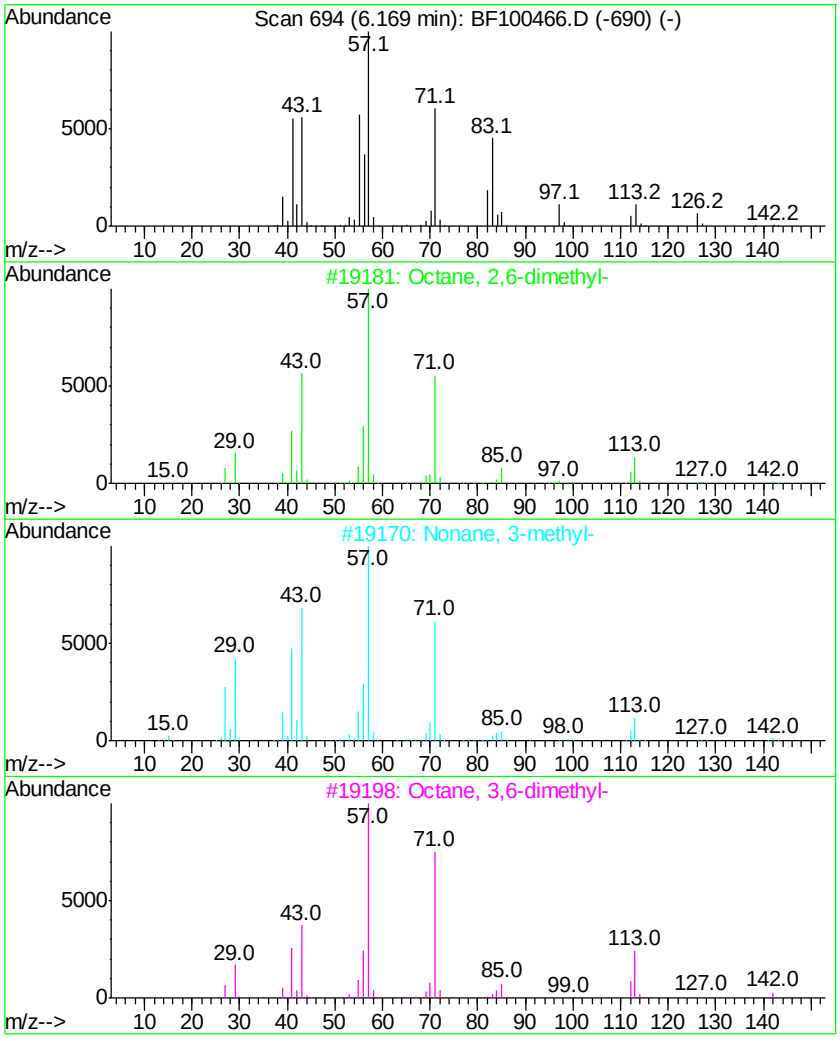
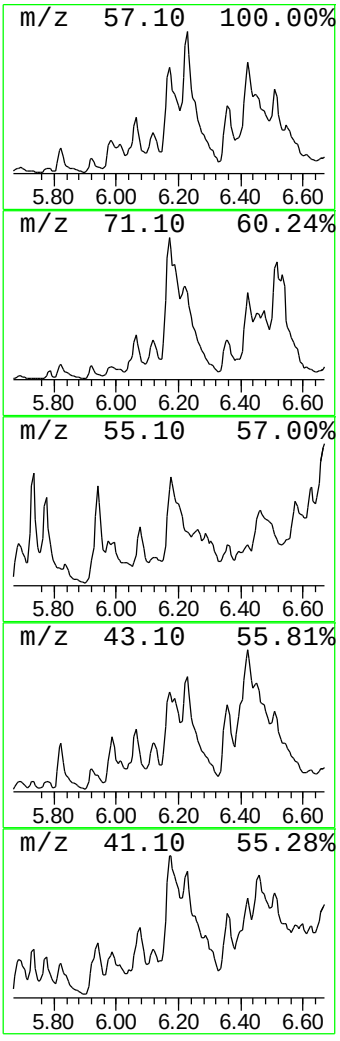
Peak Number 9 unknown6.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	55.61 ng	12088700	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	35
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	35





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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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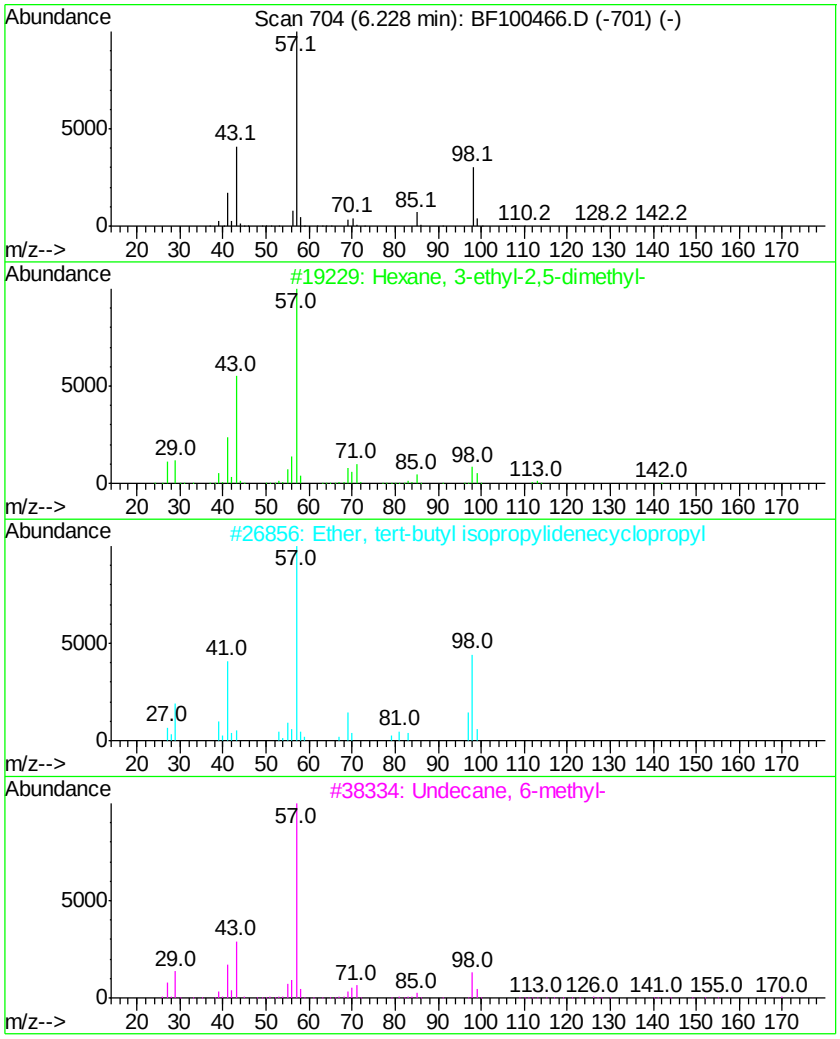
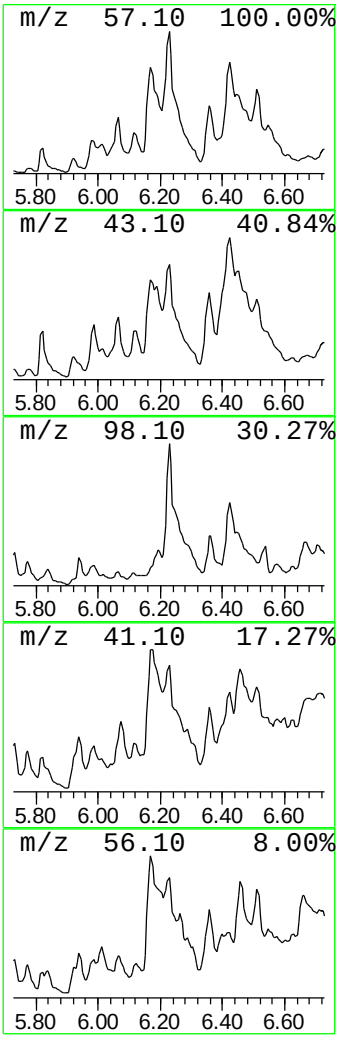
Peak Number 10 Hexane, 3-ethyl-2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	11.21 ng	2437390	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50
2	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	45
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	36
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	33
5	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	25





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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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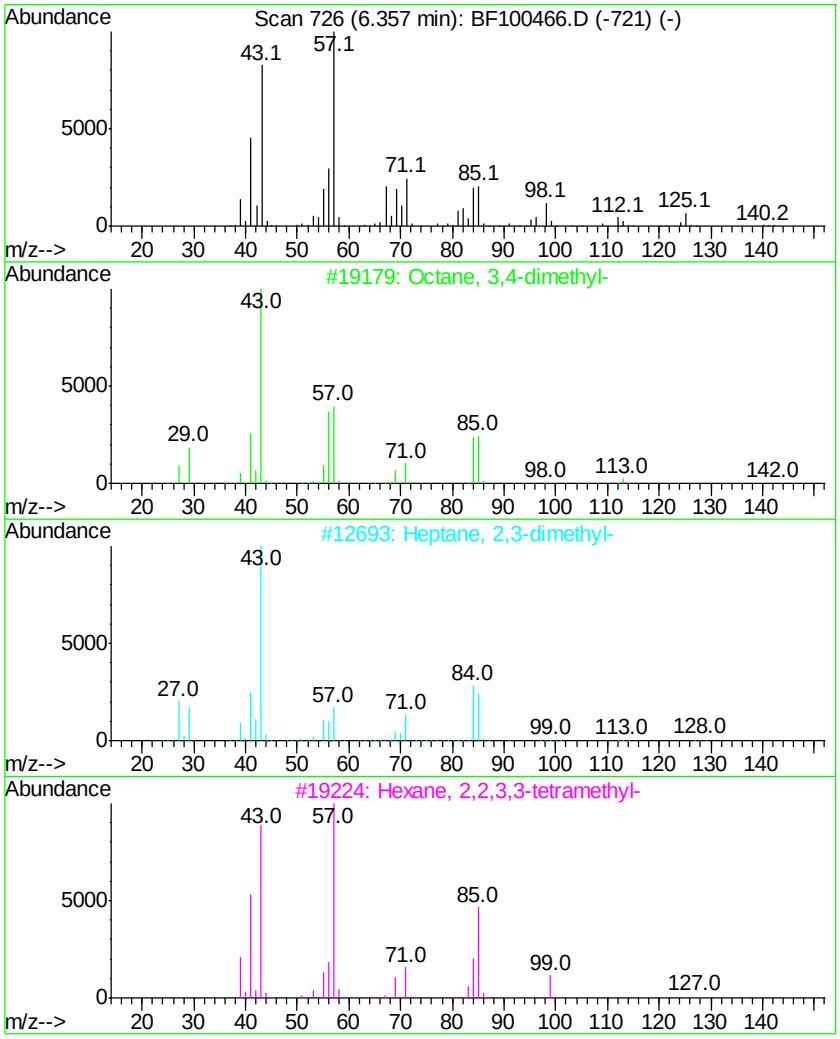
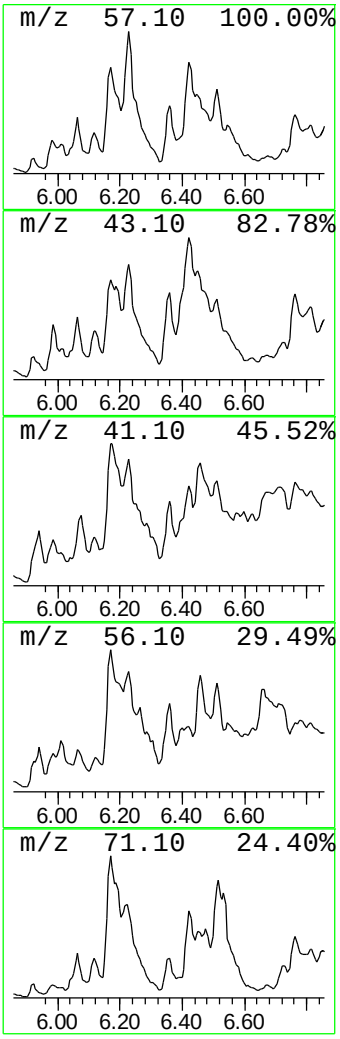
Peak Number 11 unknown6.36 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	19.26 ng	4187670	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	38
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38
3	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	35
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	35
5	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	35





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

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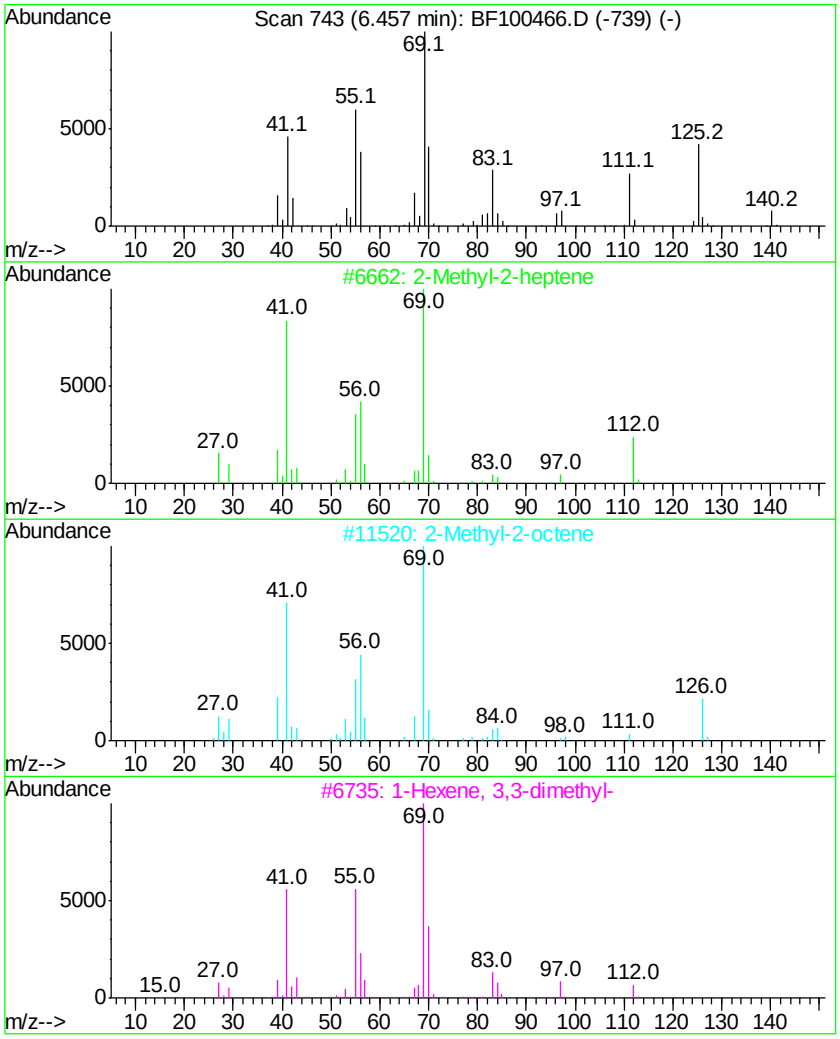
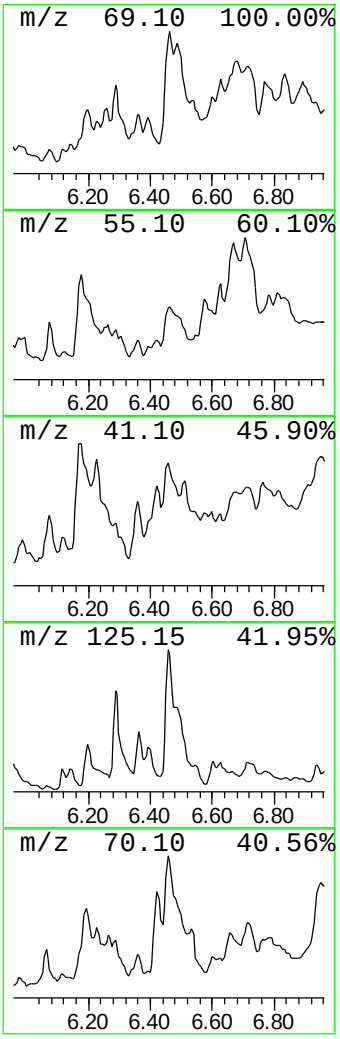
Peak Number 12 unknown6.46 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	20.41 ng	4437970	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-heptene	112	C8H16	000627-97-4	46
2	2-Methyl-2-octene	126	C9H18	016993-86-5	46
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
4	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	38
5	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	38





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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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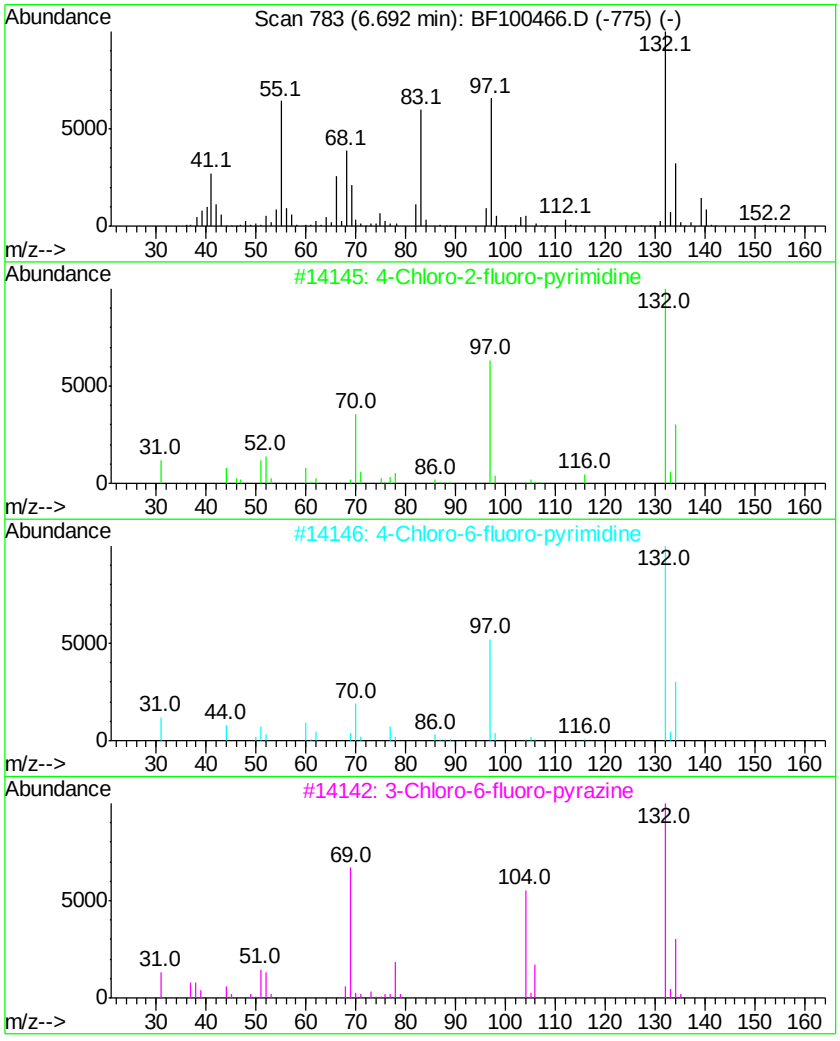
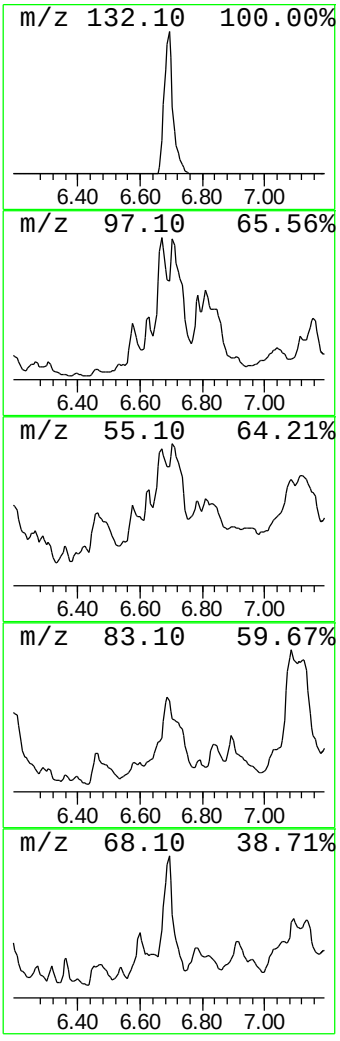
Peak Number 13 unknown6.69 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	20.00 ng	4347910	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	16
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	9-Thianoradamantane	140	C8H12S	067194-73-4	10
5	Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	10





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

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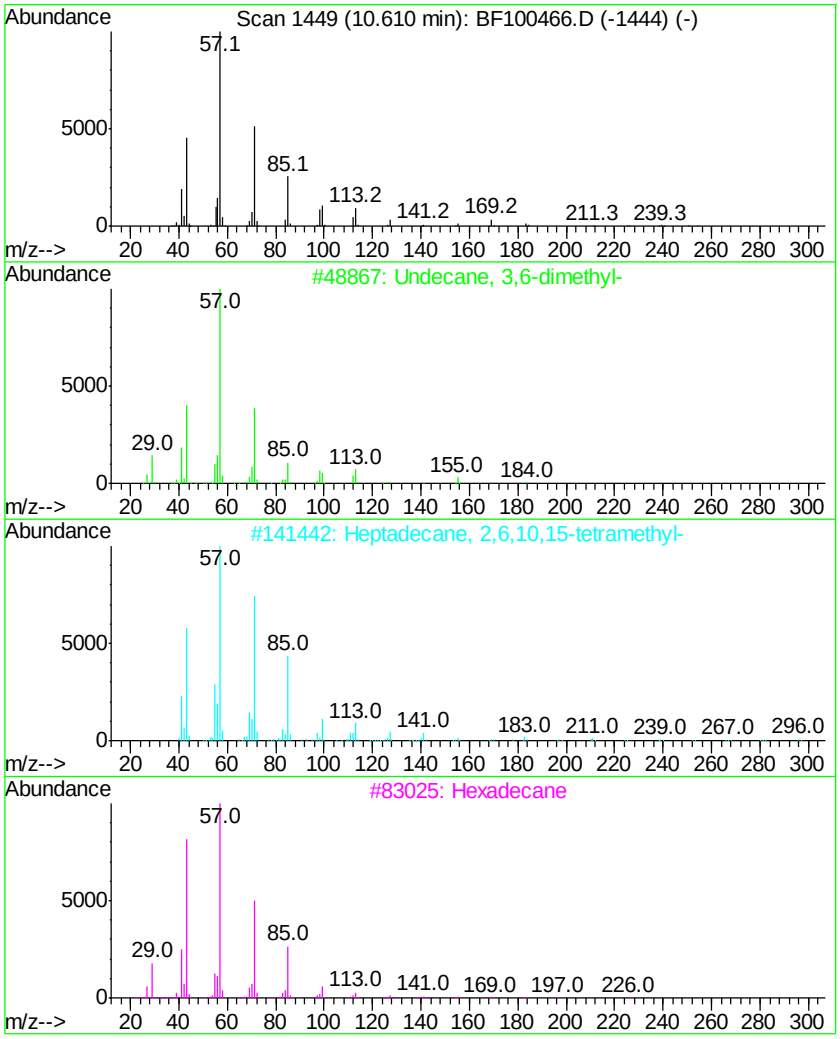
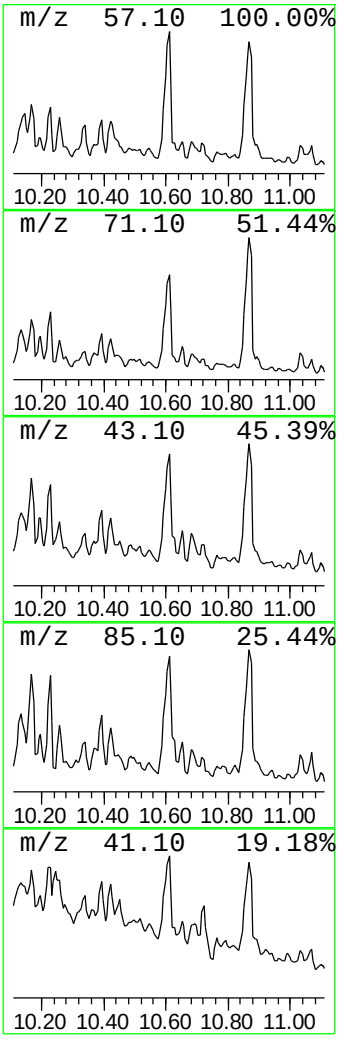
Peak Number 14 Undecane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	20.00 ng	4766340	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Hexadecane	226	C16H34	000544-76-3	76
4	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	74
5	Tetratetracontane	619	C44H90	007098-22-8	72





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ClientSampleId : MW-A19R(11-13)

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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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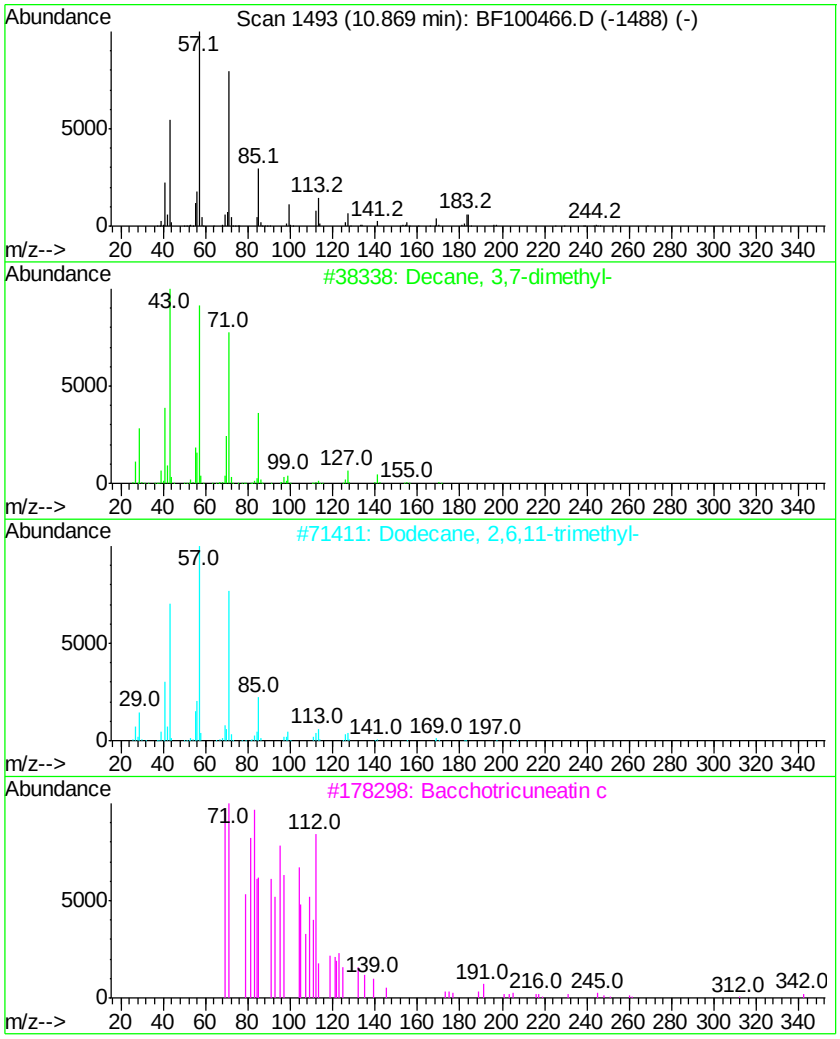
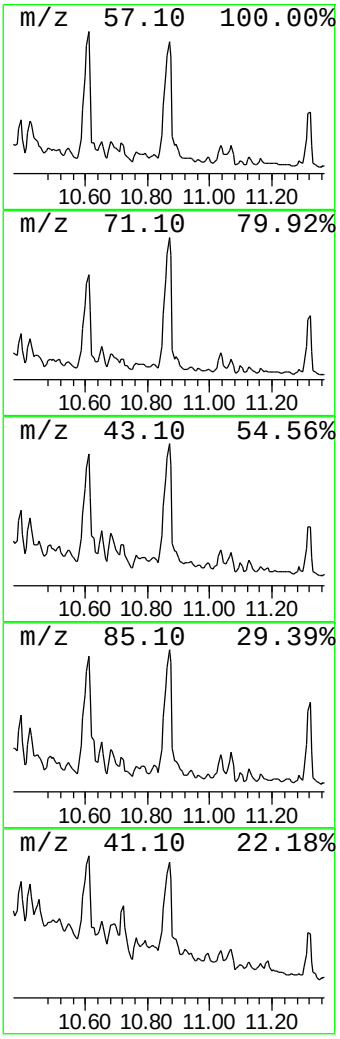
Peak Number 15 Decane, 3,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	123.47 ng	5173580	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	52





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

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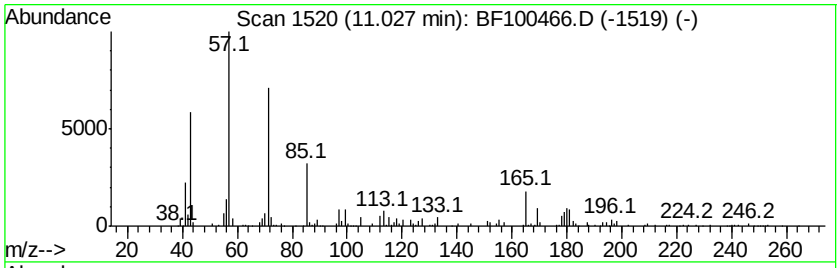
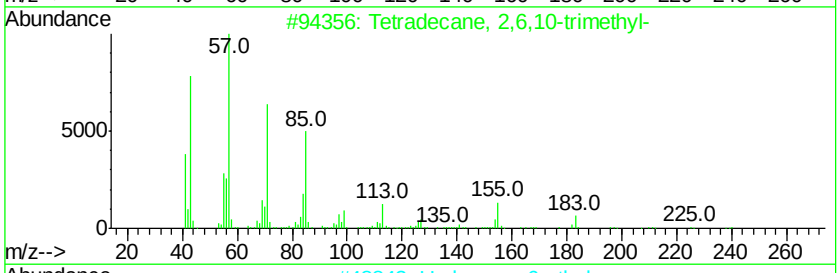
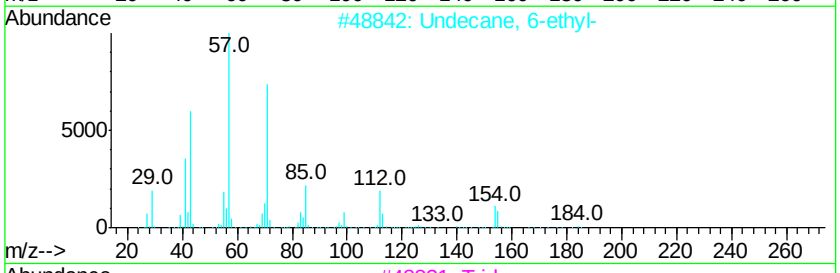
Peak Number 16 Tetradecane, 2,6,10-trimethyl- Concentration Rank 16

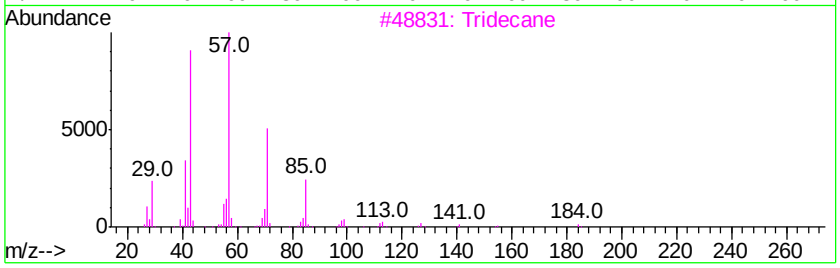
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	10.51 ng	440208	Phenanthrene-d10	11.43

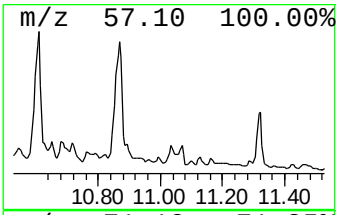
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	58
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	58
3	Tridecane	184	C13H28	000629-50-5	53
4	Undecane	156	C11H24	001120-21-4	52
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46

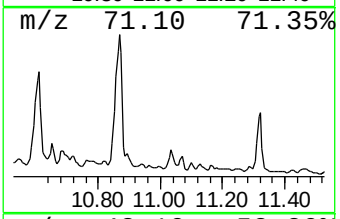


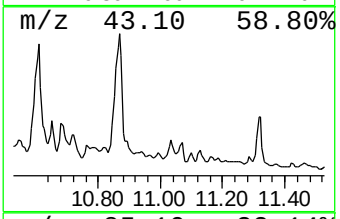


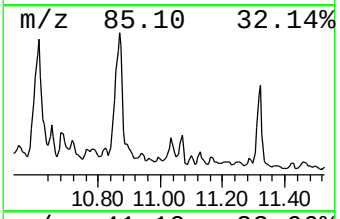


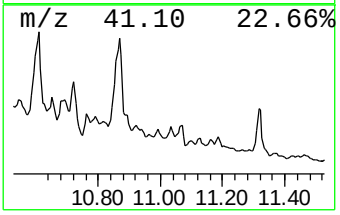












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TIC Integration Parameters: LSCINT.P

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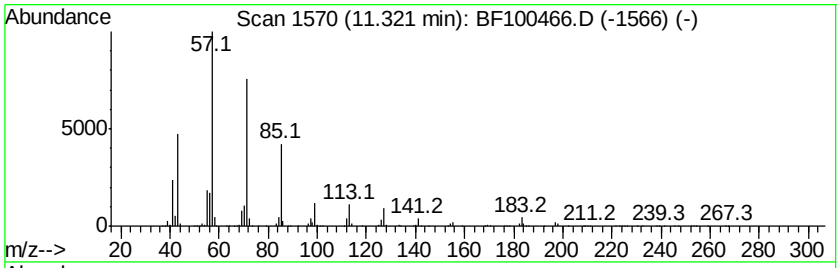
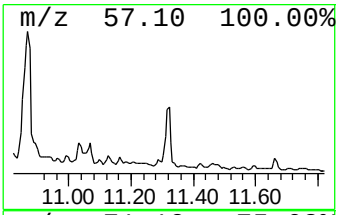
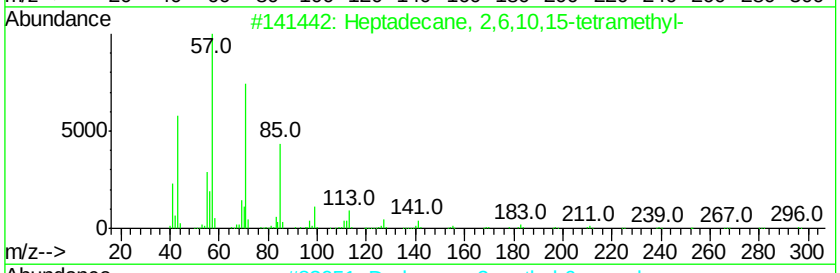
Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

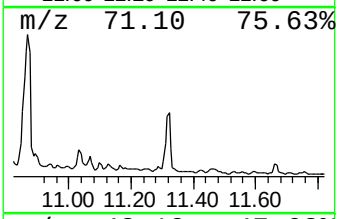
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	67.52 ng	2829050	Phenanthrene-d10	11.43

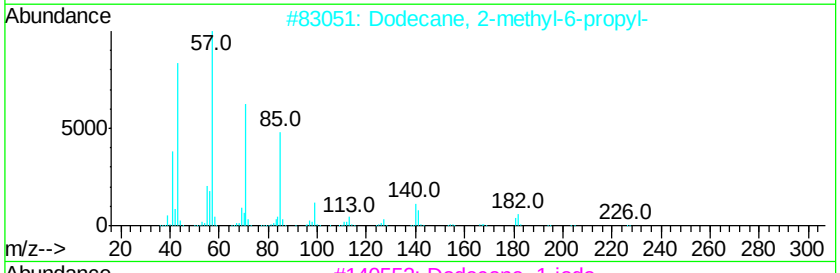
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74

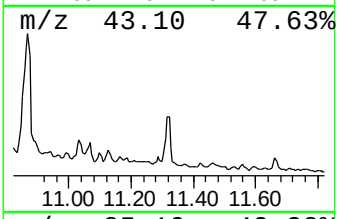


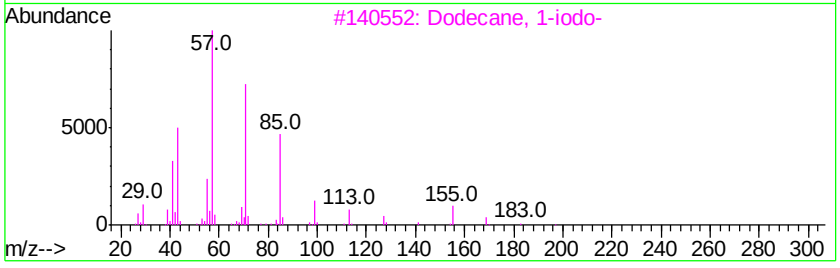


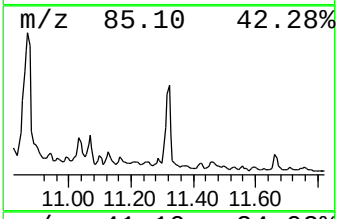


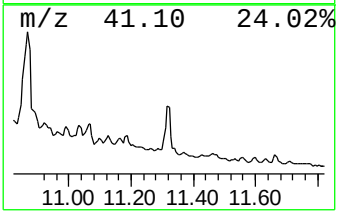












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Acq On : 12 Nov 2017 3:57
Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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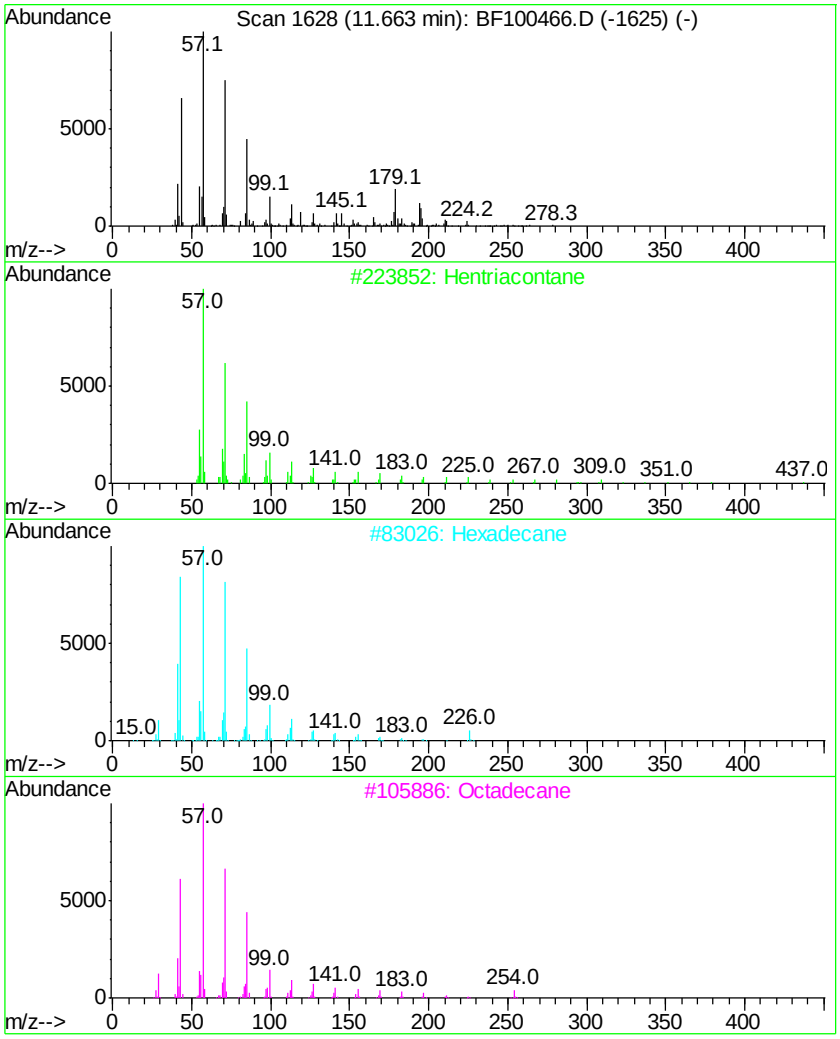
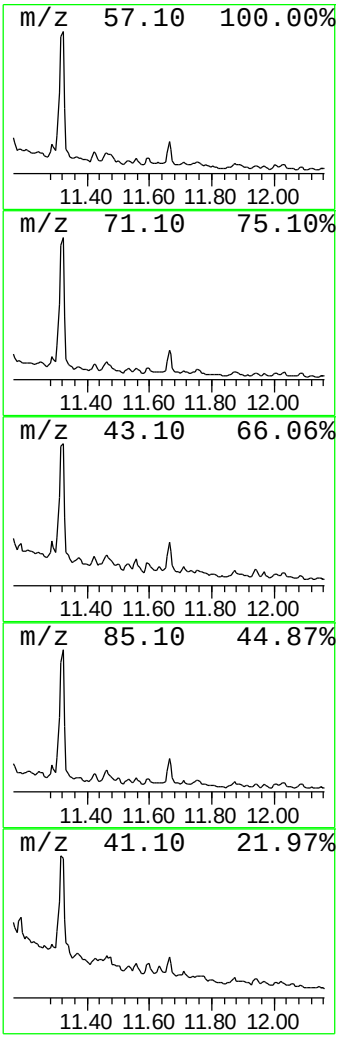
Peak Number 18 Hentriacontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	12.88 ng	539750	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Octadecane	254	C18H38	000593-45-3	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





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Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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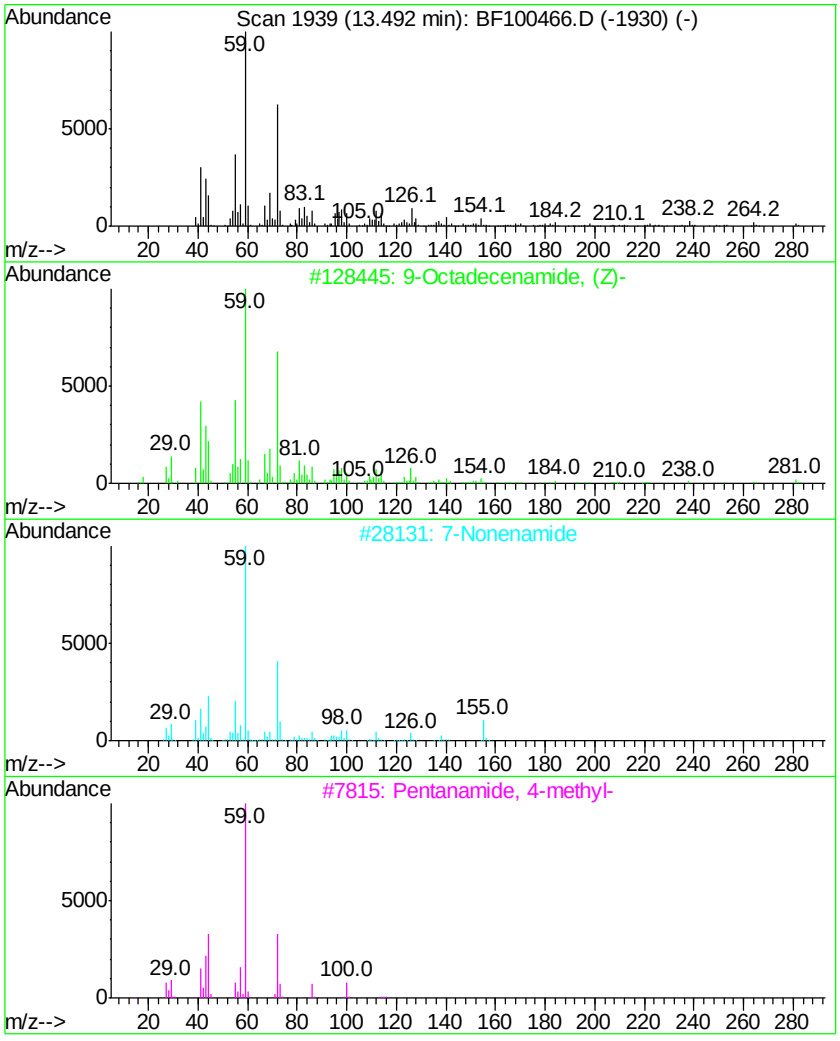
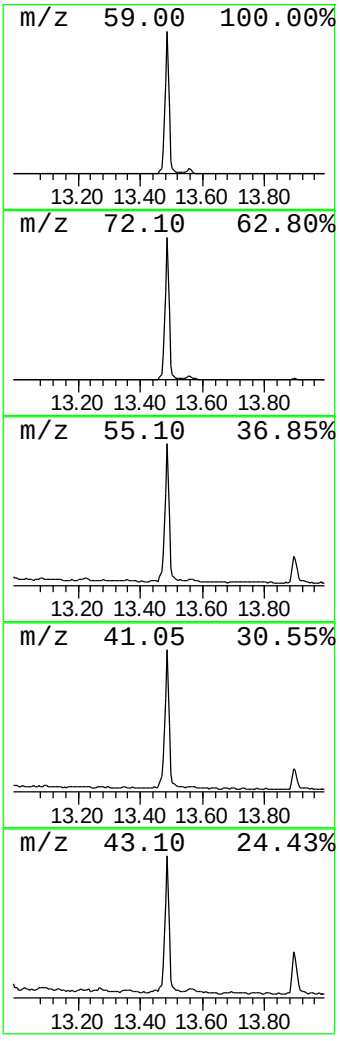
Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	41.15 ng	1653870	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	7-Nonenamide	155	C9H17NO	090949-53-4	56
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50
4	Silane, hexyl-	116	C6H16Si	001072-14-6	47
5	2-Propanol, 1-(isooctyloxy)-2-me...	202	C12H26O2	056282-27-0	43





Library Search Compound Report

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Data File : BF100466.D
Acq On : 12 Nov 2017 3:57
Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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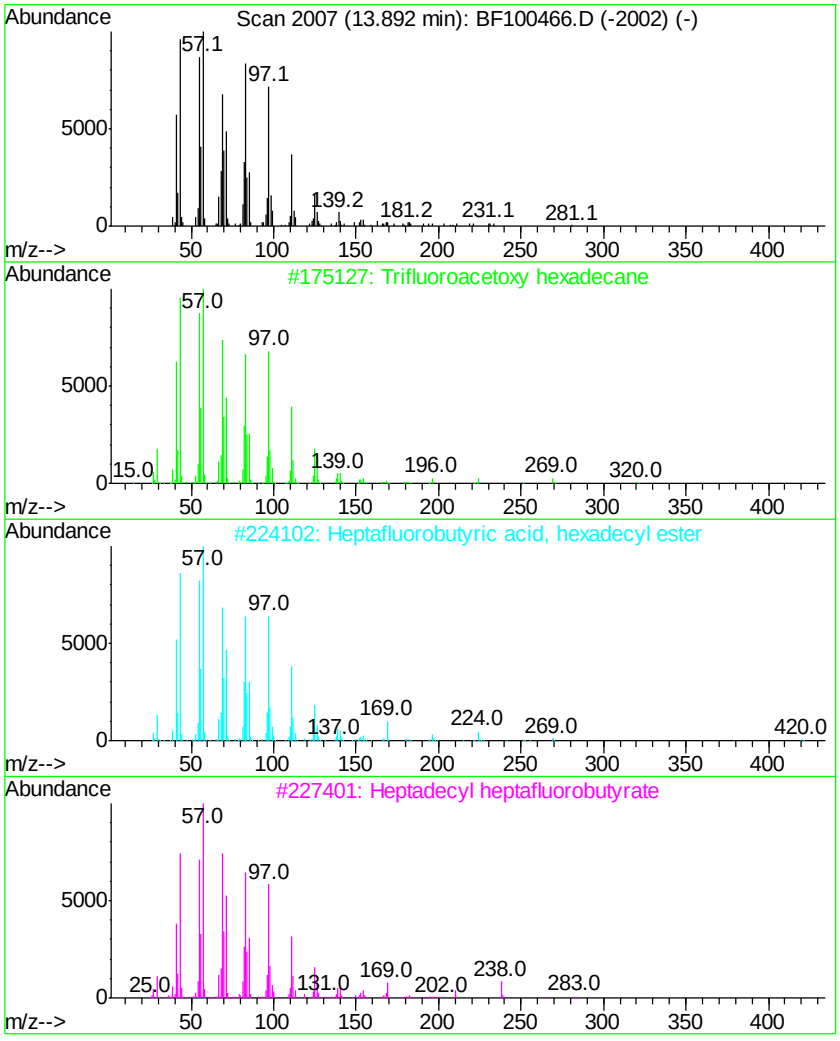
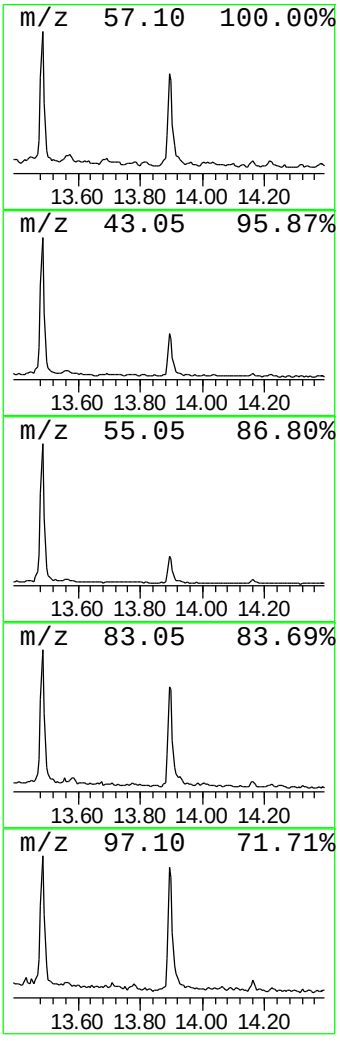
Peak Number 20 Trifluoroacetoxy hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	8.46 ng	339895	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





Tentatively Identified Compound (LSC) summary

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Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
Cyclohexane, 1,1,...	5.13	13.9	ng	3021650	1	6.92	4347910	20.0
unknown5.33	5.33	15.4	ng	3337300	1	6.92	4347910	20.0
2,3-Dimethyl-3-he...	5.69	15.1	ng	3288610	1	6.92	4347910	20.0
Sulfurous acid, c...	5.73	8.9	ng	1936320	1	6.92	4347910	20.0
Cyclohexane, 1-et...	5.77	8.8	ng	1922860	1	6.92	4347910	20.0
Cyclohexane, 1-et...	5.94	27.3	ng	5924650	1	6.92	4347910	20.0
Undecane, 3,7-dim...	5.99	9.3	ng	2029360	1	6.92	4347910	20.0
7-Methylbicyclo[4...	6.07	22.7	ng	4925160	1	6.92	4347910	20.0
unknown6.17	6.17	55.6	ng	12088700	1	6.92	4347910	20.0
Hexane, 3-ethyl-2...	6.23	11.2	ng	2437390	1	6.92	4347910	20.0
unknown6.36	6.36	19.3	ng	4187670	1	6.92	4347910	20.0
unknown6.46	6.46	20.4	ng	4437970	1	6.92	4347910	20.0
unknown6.69	6.69	20.0	ng	4347910	1	6.92	4347910	20.0
Undecane, 3,6-dim...	10.61	20.0	ng	4766340	3	10.00	4766340	20.0
Decane, 3,7-dimet...	10.87	123.5	ng	5173580	4	11.43	838051	20.0
Tetradecane, 2,6,...	11.03	10.5	ng	440208	4	11.43	838051	20.0
Heptadecane, 2,6,...	11.32	67.5	ng	2829050	4	11.43	838051	20.0
Hentriacontane	11.66	12.9	ng	539750	4	11.43	838051	20.0
9-Octadecenamide,...	13.49	41.1	ng	1653870	5	14.06	803898	20.0
Trifluoroacetoxy ...	13.89	8.5	ng	339895	5	14.06	803898	20.0