LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121859.D
Acq On : 6 Oct 2020 18:32
Operator : JU/CG
Sample : L4231-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 337

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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	5.381	556	560	581	rBV	335419	451948	41.77%	4.886%
2	6.404	730	734	753	rBV	390890	484973	44.83%	5.243%
3	6.763	791	795	804	rBV	873367	748019	69.14%	8.087%
4	6.845	804	809	827	rVB5	25680	107015	9.89%	1.157%
5	7.322	887	890	897	rBV	304156	303009	28.01%	3.276%
6	8.045	1009	1013	1021	rBV	1109920	940075	86.89%	10.164%
7	9.116	1191	1195	1201	rBV	585774	572382	52.91%	6.188%
8	9.516	1258	1263	1267	rBV2	94366	134840	12.46%	1.458%
9	9.663	1283	1288	1291	rBV3	69819	112819	10.43%	1.220%
10	9.710	1293	1296	1298	rVB	124419	112419	10.39%	1.215%
11	9.745	1298	1302	1304	rBV4	42709	60236	5.57%	0.651%
12	9.780	1304	1308	1309	rBV	685667	569167	52.61%	6.154%
13	9.798	1309	1311	1315	rVB	1144997	892772	82.52%	9.652%
14	9.975	1338	1341	1344	rBV	414285	334614	30.93%	3.618%
15	10.051	1351	1354	1357	rBV	285517	256357	23.70%	2.772%
16	10.163	1371	1373	1377	rBV4	52478	55767	5.15%	0.603%
17	10.204	1377	1380	1382	rBV	156943	139303	12.88%	1.506%
18	10.586	1443	1445	1450	rBV	196631	252488	23.34%	2.730%
19	10.716	1464	1467	1469	rBV	179246	164739	15.23%	1.781%
20	11.180	1544	1546	1550	rVB	249921	239130	22.10%	2.585%
21	11.286	1561	1564	1567	rBV	863800	770253	71.19%	8.328%
22	12.863	1830	1832	1839	rVB	439734	465008	42.98%	5.028%
23	14.563	2119	2121	2126	rBV	1056908	1081900	100.00%	11.697%

Sum of corrected areas: 9249233

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
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Operator : JU/CG
Sample : L4231-02 5X
Misc :
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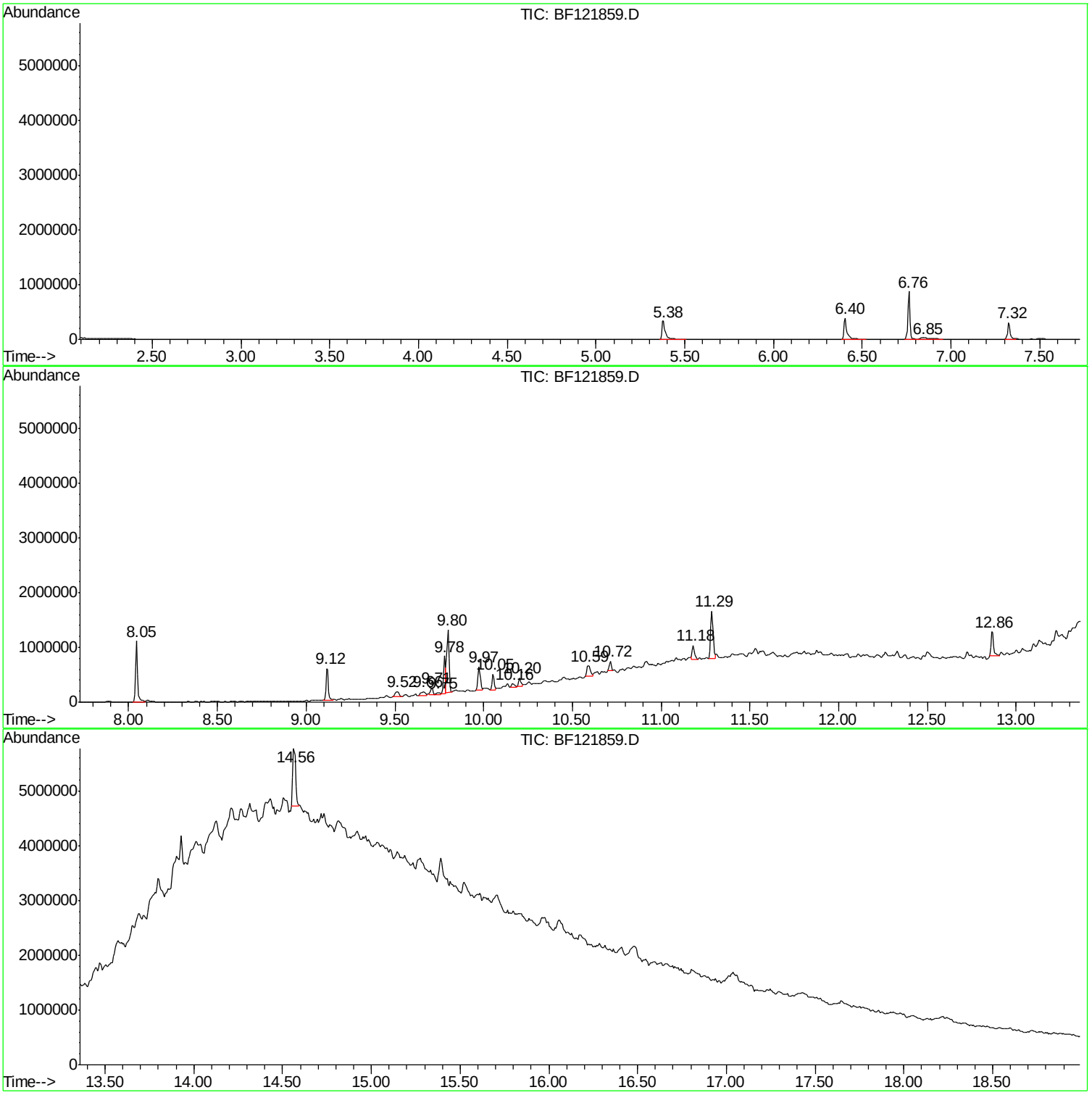
Instrument : BNA_F
ClientSampleId : 337

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121859.D
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Sample : L4231-02 5X
Misc :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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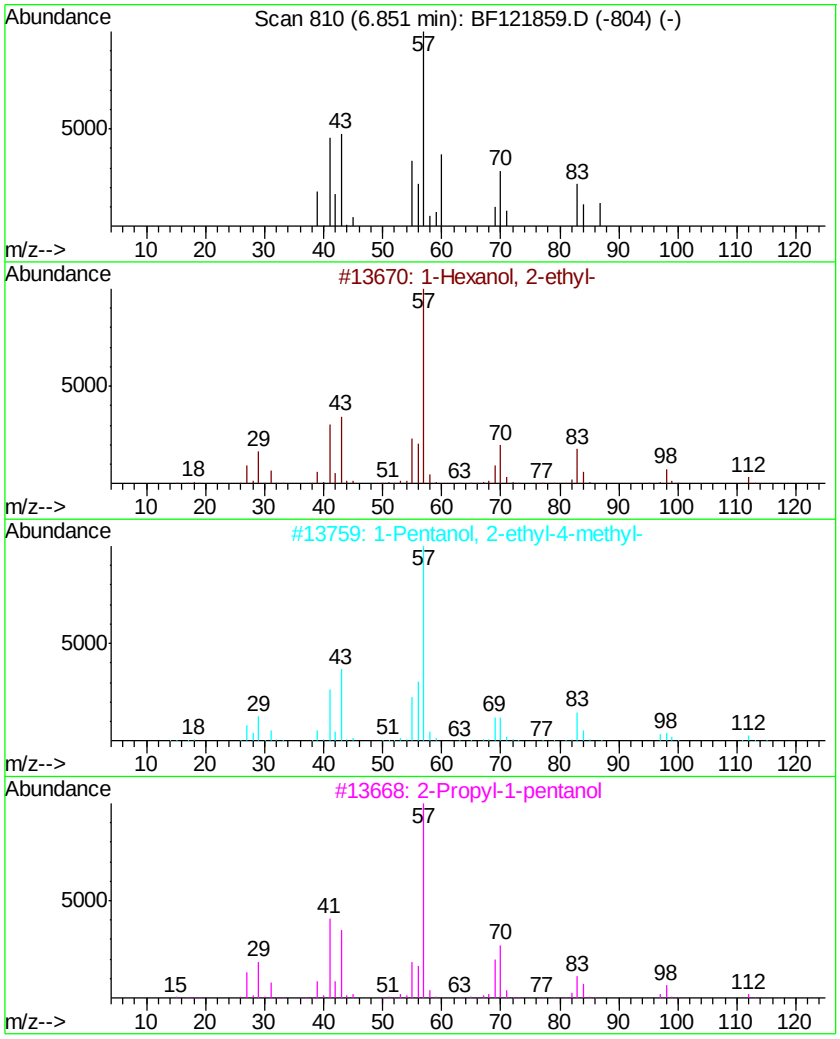
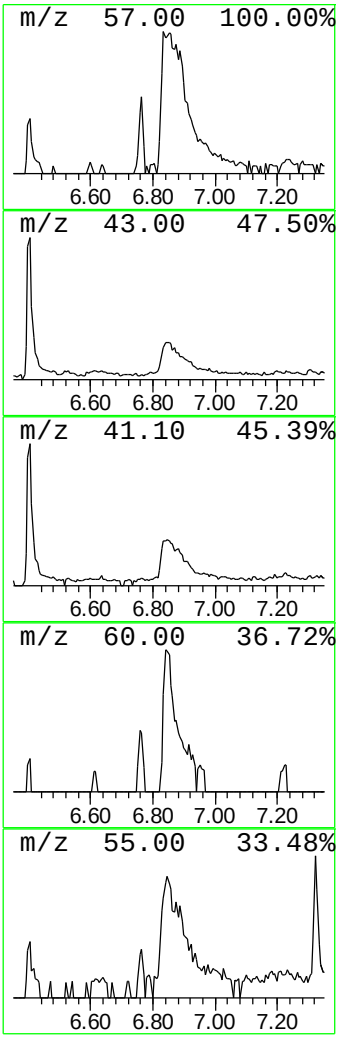
Peak Number 1 unknown6.85 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	2.86 ng	107015	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	43
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	38
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	38
4	3-Methylheptyl acetate	172	C10H20O2	072218-58-7	25
5	1-Fluorooctane	132	C8H17F	000463-11-6	25





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Sample : L4231-02 5X
Misc :
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Instrument : BNA_F
ClientSampleId : 337

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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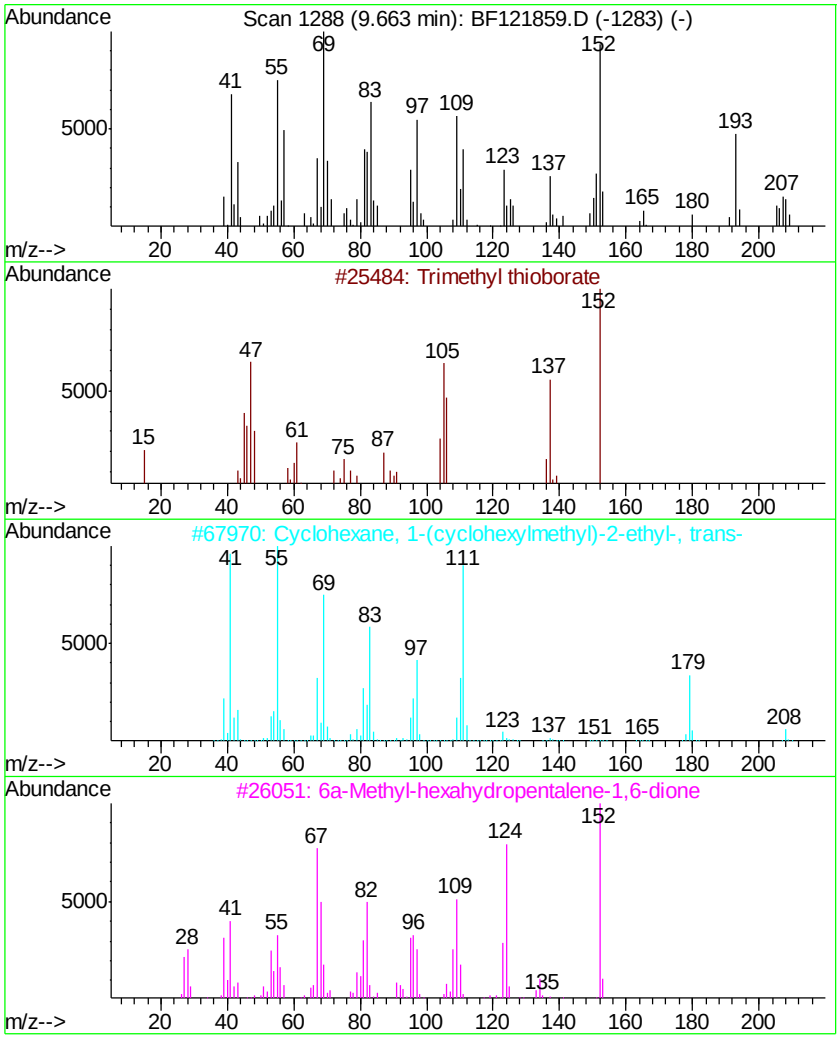
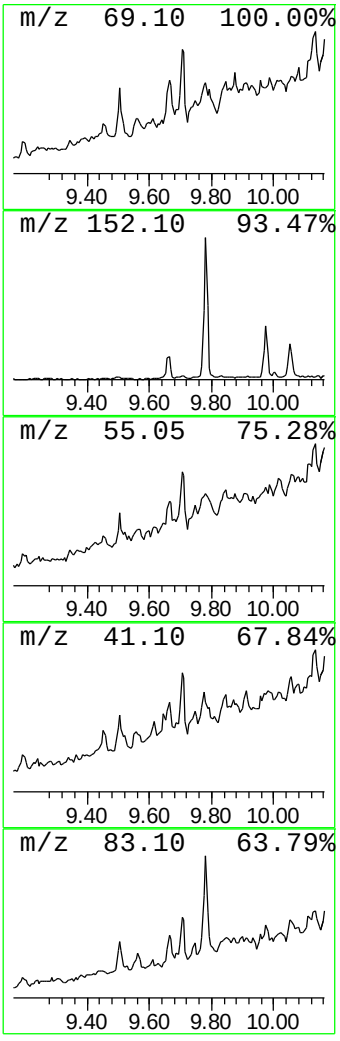
Peak Number 3 Trimethyl thioborate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	2.53 ng	112819	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethyl thioborate	152	C3H9BS3	000997-49-9	53
2	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	25
3	6a-Methyl-hexahydropentalene-1,6...	152	C9H12O2	092485-86-4	25
4	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-95-1	25
5	Octane, 1,8-dibromo-	270	C8H16Br2	004549-32-0	22





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Acq On : 6 Oct 2020 18:32
Operator : JU/CG
Sample : L4231-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 337

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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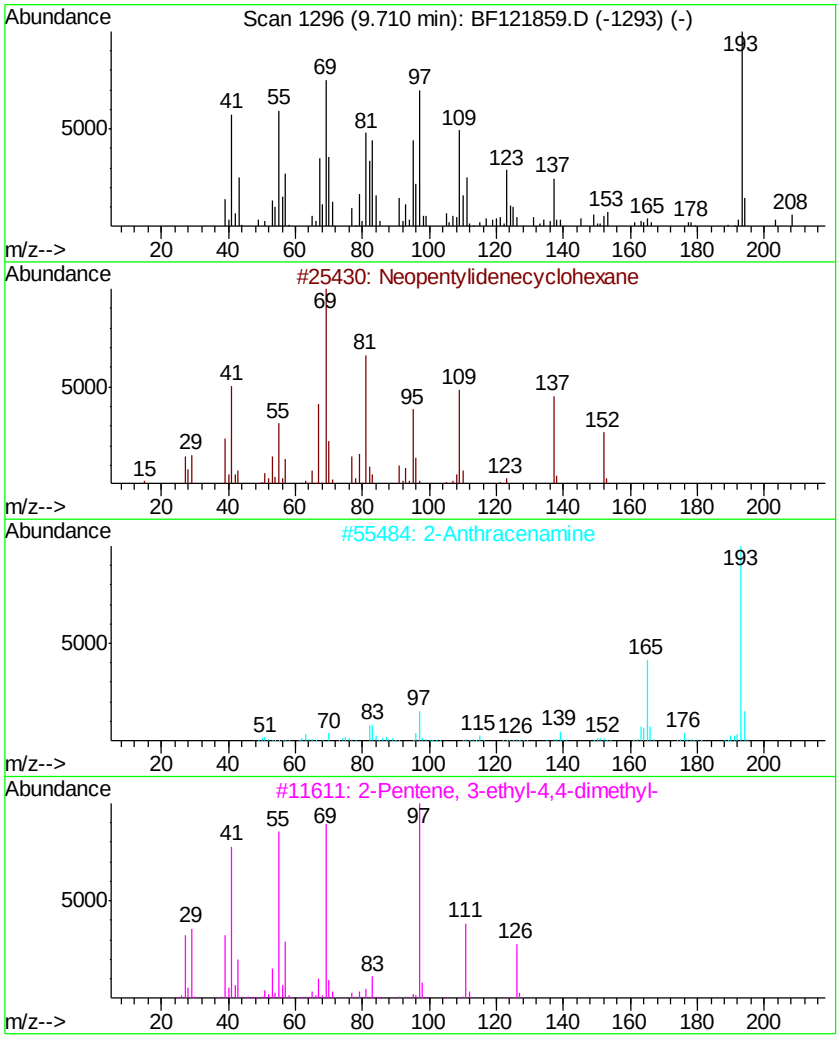
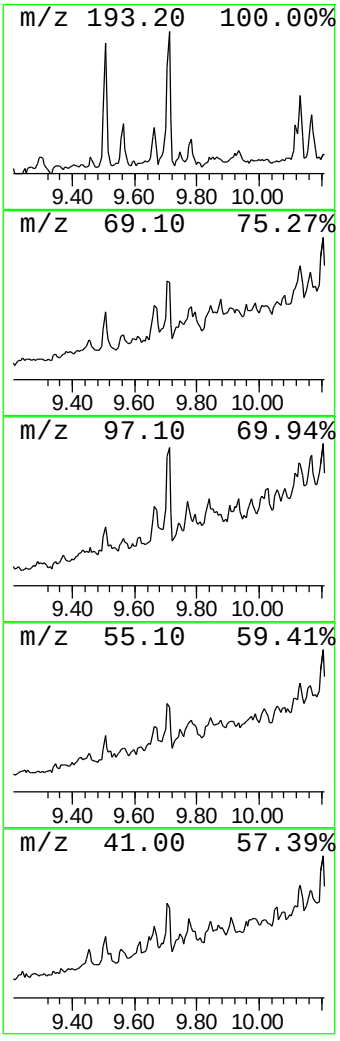
Peak Number 4 Neopentylidenecyclohexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	2.52 ng	112419	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	50
2	2-Anthracenamine	193	C14H11N	000613-13-8	27
3	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	22
4	(-)-trans-Pinane	138	C10H18	033626-25-4	15
5	6-Bromo-2,2-dimethylcyclohexanone	204	C8H13BrO	021690-26-6	14





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Data File : BF121859.D
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Operator : JU/CG
Sample : L4231-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 337

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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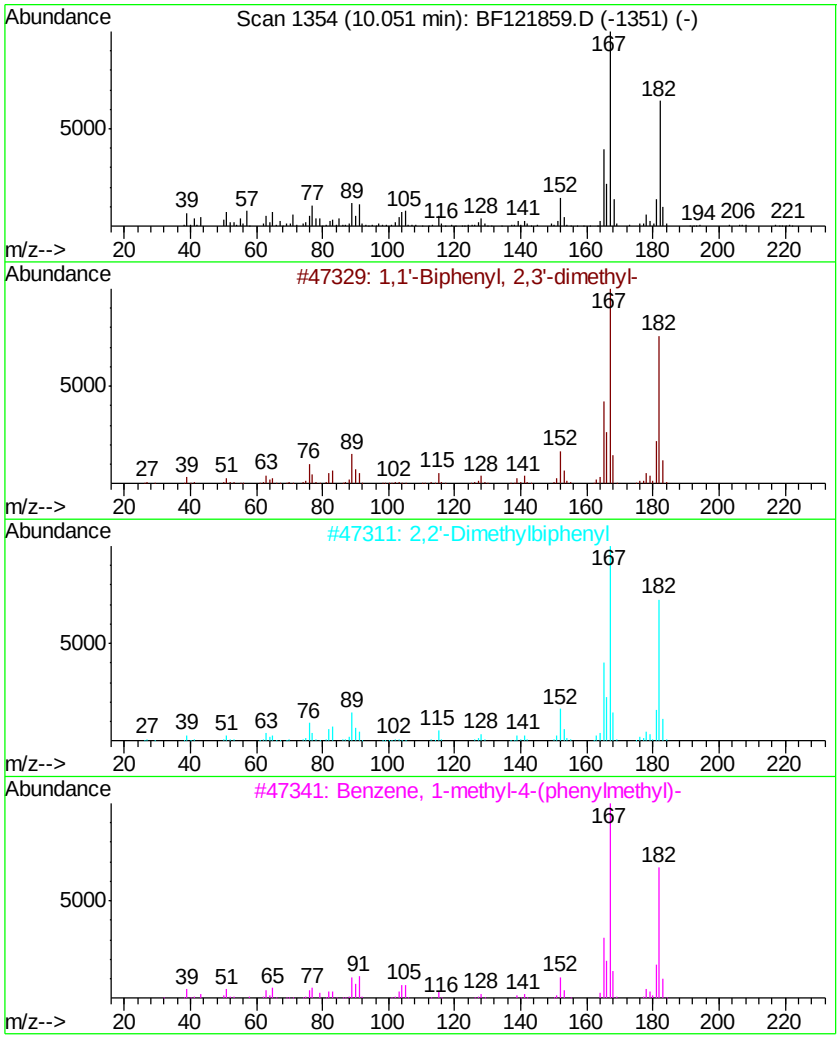
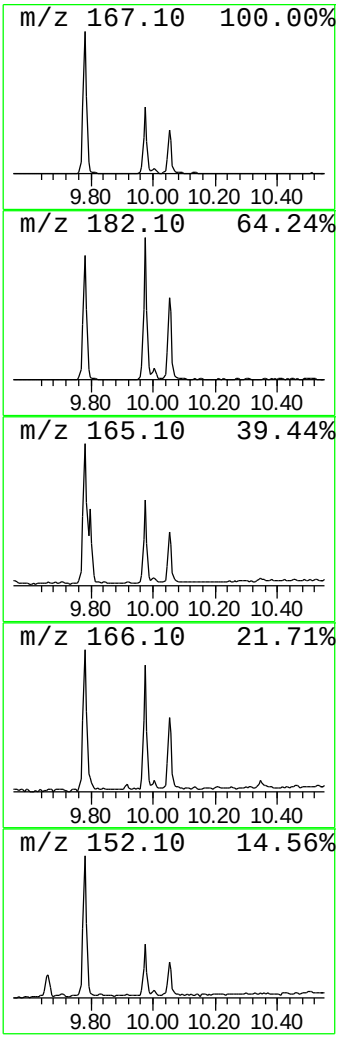
Peak Number 5 1,1'-Biphenyl, 2,3'-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	5.74 ng	256357	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	97
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	97
3	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	96
4	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	96
5	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121859.D
Acq On : 6 Oct 2020 18:32
Operator : JU/CG
Sample : L4231-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 337

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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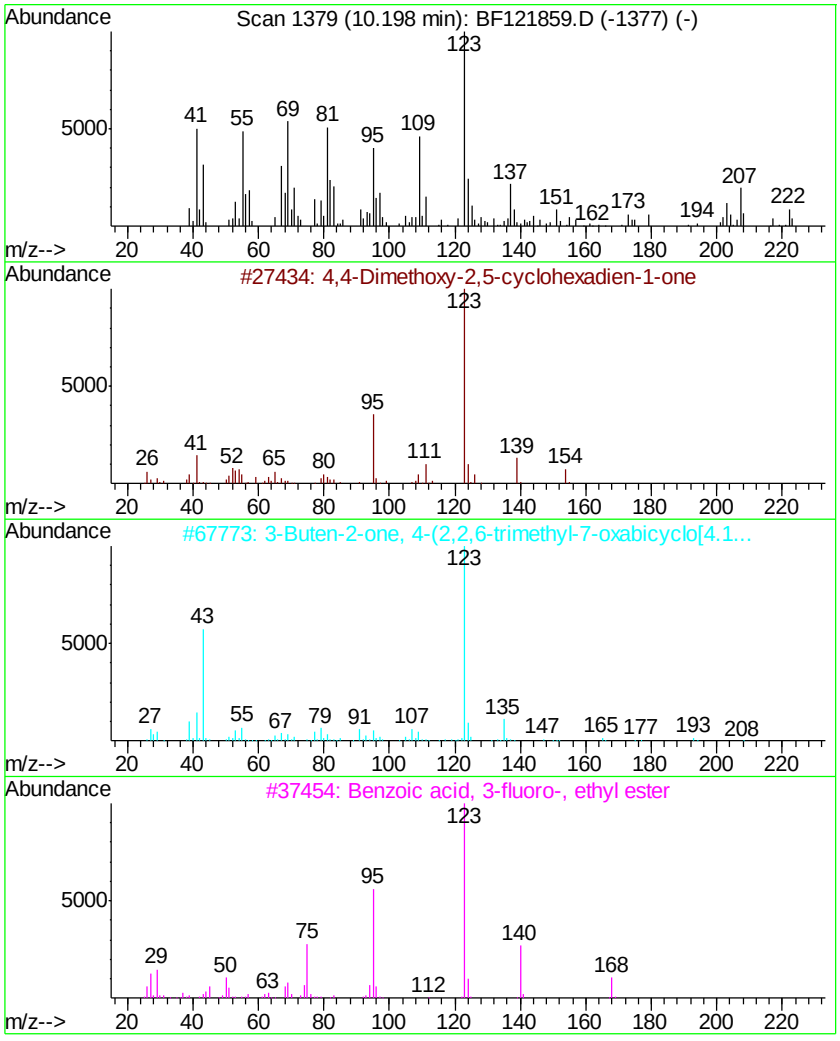
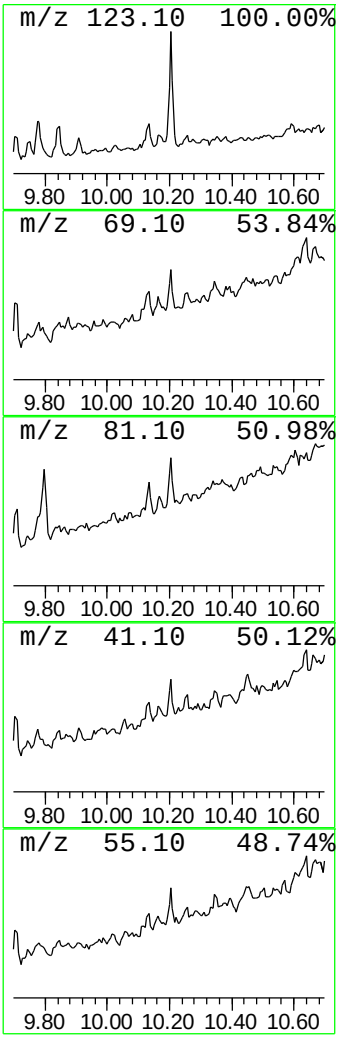
Peak Number 6 4,4-Dimethoxy-2,5-cyclohexa... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	3.12 ng	139303	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	50
2	3-Buten-2-one, 4-(2,2,6-trimethy...	208	C13H20O2	023267-57-4	47
3	Benzoic acid, 3-fluoro-, ethyl e...	168	C9H9FO2	000451-02-5	43
4	3-Fluorobenzoic acid, 6-ethyl-3-...	280	C17H25FO2	1000279-01-9	40
5	3,3,5,5-Tetramethylcyclohexanol	156	C10H20O	002650-40-0	38





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Misc :
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Instrument : BNA_F
ClientSampleId : 337

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

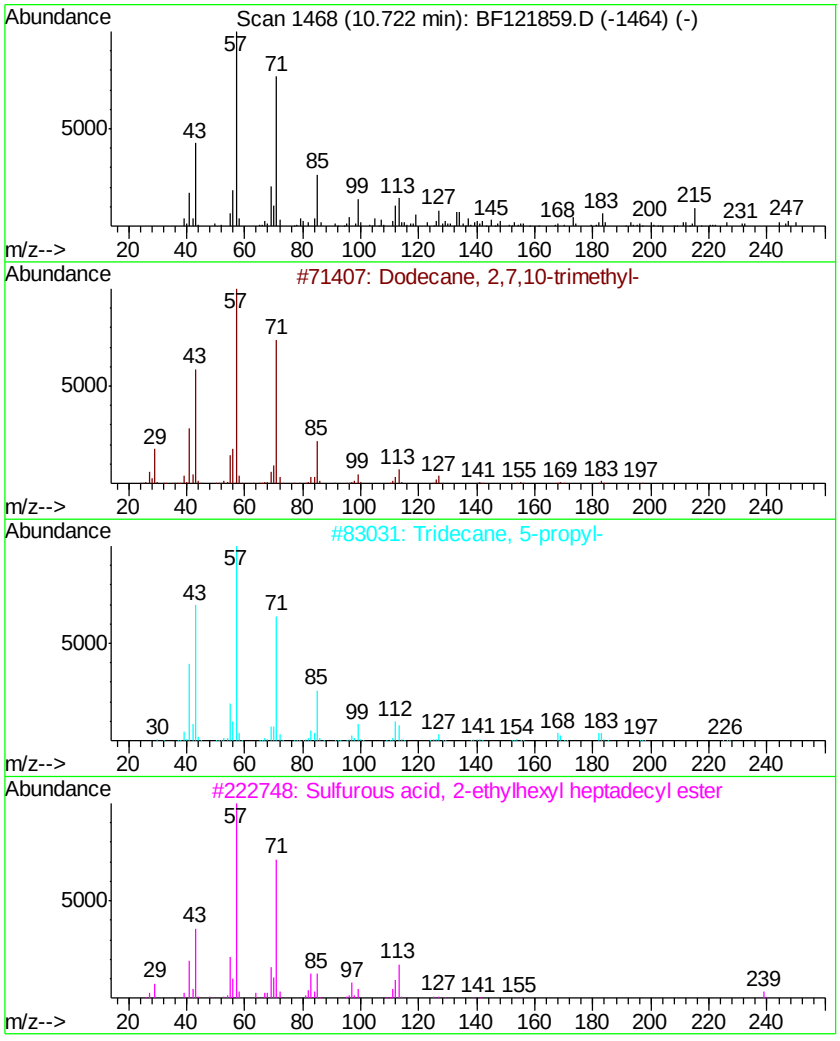
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

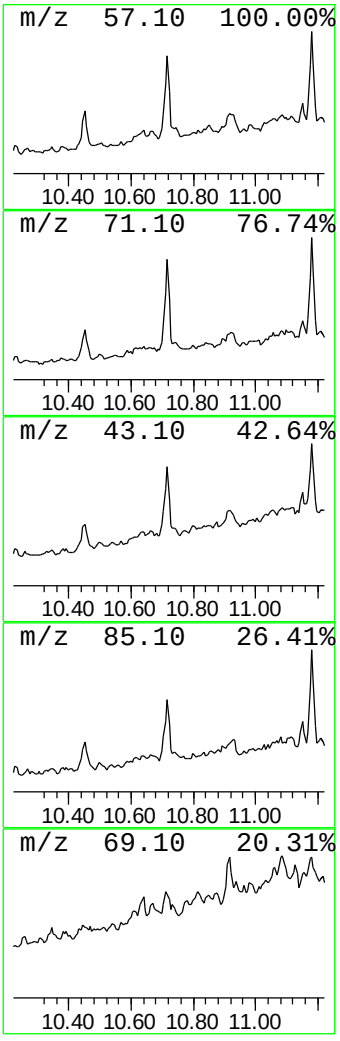
****

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	4.28 ng	164739	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72





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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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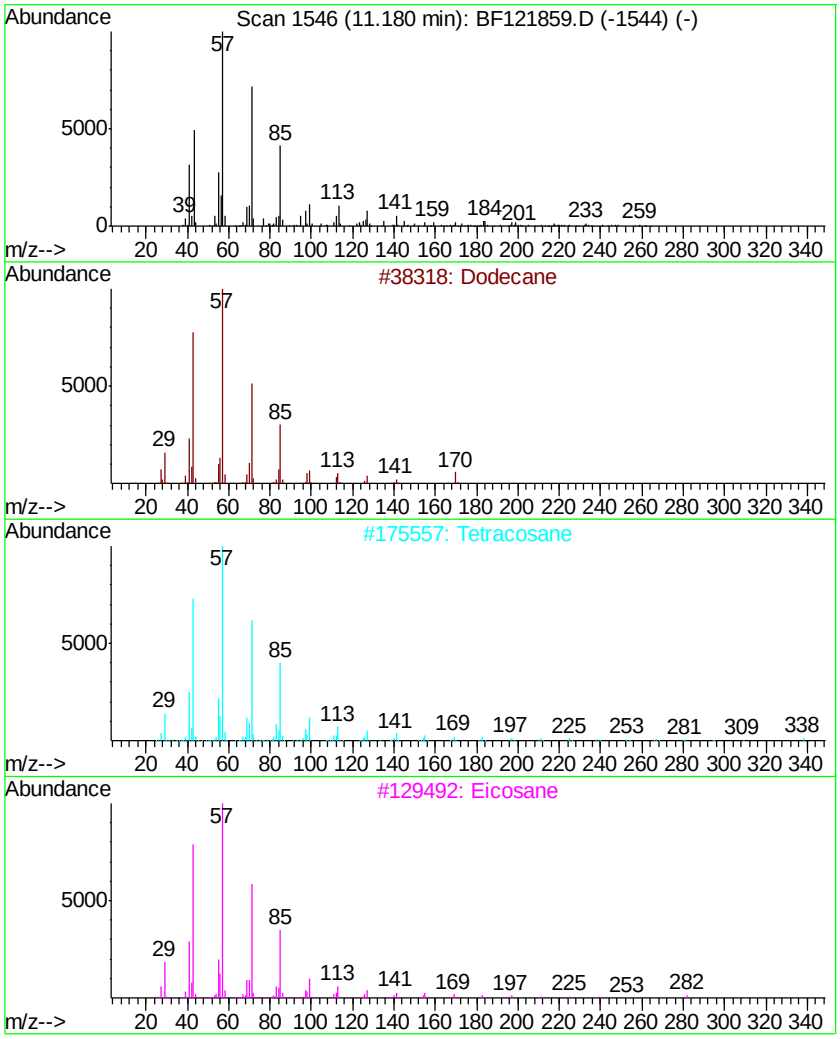
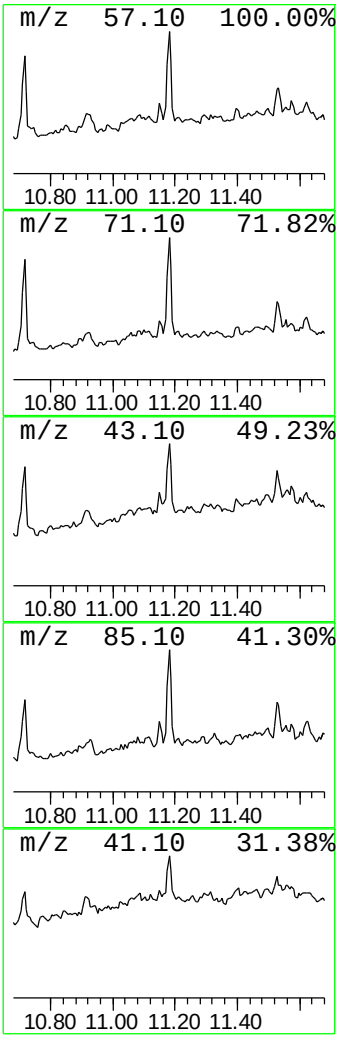
Peak Number 8 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	6.21 ng	239130	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.85	6.85	2.9	ng	107015	1	6.76	748019	20.0
Trimethyl thioborate	9.66	2.5	ng	112819	3	9.80	892772	20.0
Neopentylidenecyc...	9.71	2.5	ng	112419	3	9.80	892772	20.0
1,1'-Biphenyl, 2,...	10.05	5.7	ng	256357	3	9.80	892772	20.0
4,4-Dimethoxy-2,5...	10.20	3.1	ng	139303	3	9.80	892772	20.0
Dodecane, 2,7,10-...	10.72	4.3	ng	164739	4	11.29	770253	20.0
Dodecane	11.18	6.2	ng	239130	4	11.29	770253	20.0