LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

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-BF012519.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	5.463	571	574	593	rBV	361756	629670	4.76%	1.228%
2	5.781	622	628	631	rBV	1170810	1364370	10.31%	2.662%
3	6.481	744	747	763	rBV	273362	479021	3.62%	0.934%
4	6.593	763	766	777	rBV	1268010	1399634	10.58%	2.730%
5	6.810	800	803	811	rBV	482302	479583	3.62%	0.936%
6	6.969	826	830	852	rBV	2636336	2760948	20.86%	5.386%
7	7.381	896	900	910	rBV	1431021	1572426	11.88%	3.068%
8	7.634	937	943	953	rBV	148556	154968	1.17%	0.302%
9	8.098	1017	1022	1033	rBV	624726	644566	4.87%	1.257%
10	9.169	1198	1204	1207	rBV	3668742	3191268	24.11%	6.226%
11	9.845	1310	1319	1333	rBV2	779258	847018	6.40%	1.652%
12	10.075	1353	1358	1366	rBV	390610	434394	3.28%	0.847%
13	10.345	1398	1404	1407	rBV	2217685	1916531	14.48%	3.739%
14	10.645	1451	1455	1468	rBV	1354315	1391458	10.51%	2.715%
15	11.010	1513	1517	1529	rVB2	156459	186637	1.41%	0.364%
16	11.145	1532	1540	1543	rBV	4821705	5154429	38.95%	10.055%
17	11.339	1569	1573	1582	rBV	844032	746643	5.64%	1.457%
18	11.486	1594	1598	1604	rBV	171473	142731	1.08%	0.278%
19	11.551	1606	1609	1616	rBV	142705	176031	1.33%	0.343%
20	11.863	1659	1662	1667	rBV2	134550	168834	1.28%	0.329%
21	12.439	1750	1760	1763	rBV	9128180	13233746	100.00%	25.817%
22	12.551	1774	1779	1790	rBV2	89573	148783	1.12%	0.290%
23	12.710	1803	1806	1810	rVB	284949	233627	1.77%	0.456%
24	12.916	1836	1841	1844	rBV	2526597	2416623	18.26%	4.714%
25	13.786	1986	1989	2000	rVV2	107629	225959	1.71%	0.441%
26	13.916	2006	2011	2016	rBV	646373	626078	4.73%	1.221%
27	13.980	2016	2022	2028	rBV	529496	586176	4.43%	1.144%
28	14.051	2028	2034	2037	rBV	5097345	4830577	36.50%	9.424%
29	15.451	2267	2272	2283	rVB	288086	450750	3.41%	0.879%
30	15.592	2289	2296	2301	rBV	1863771	2439959	18.44%	4.760%
31	18.168	2710	2734	2741	rBV3	88259	569016	4.30%	1.110%
32	18.262	2741	2750	2760	rVB	639923	1657410	12.52%	3.233%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 51259864

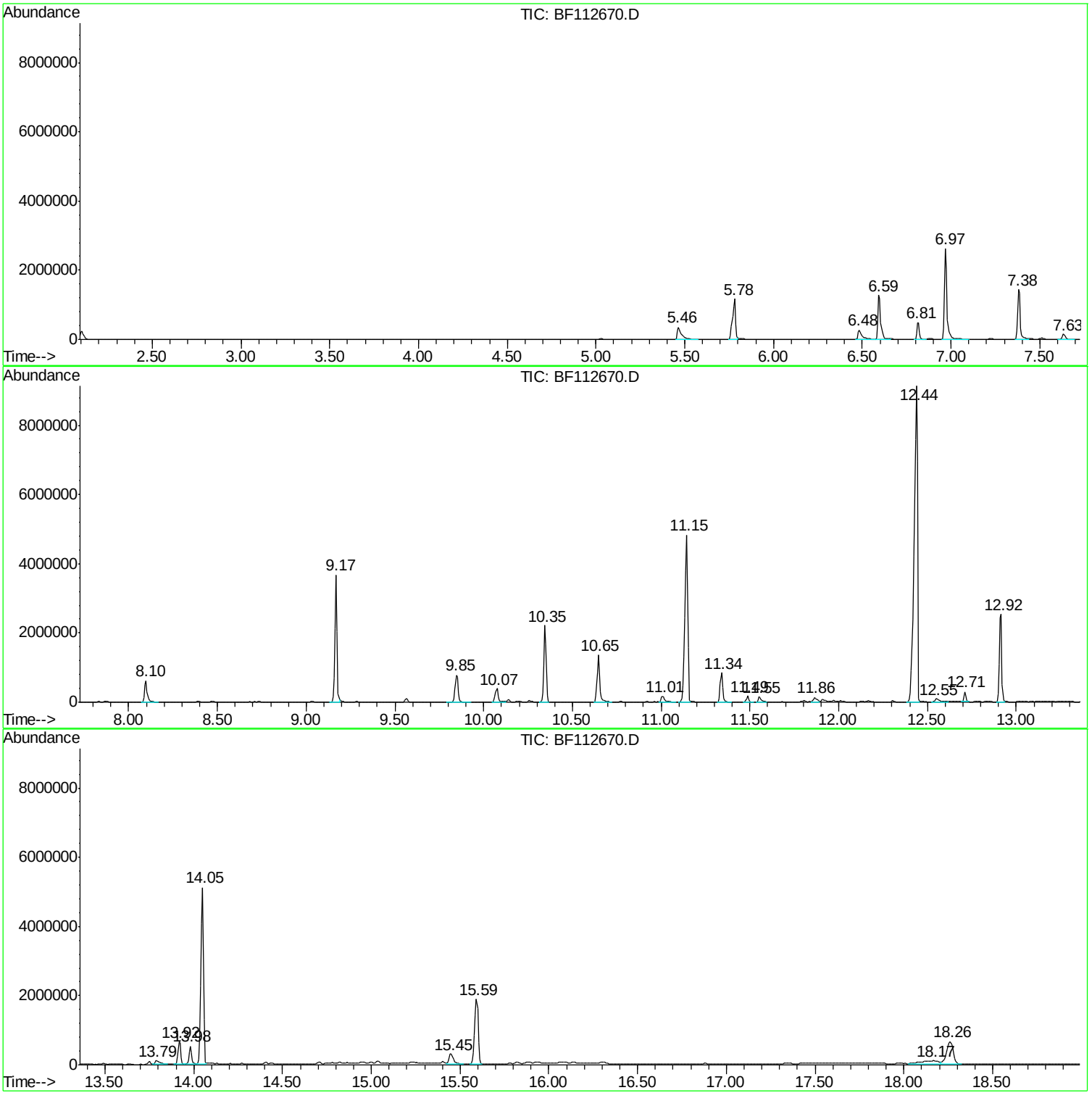
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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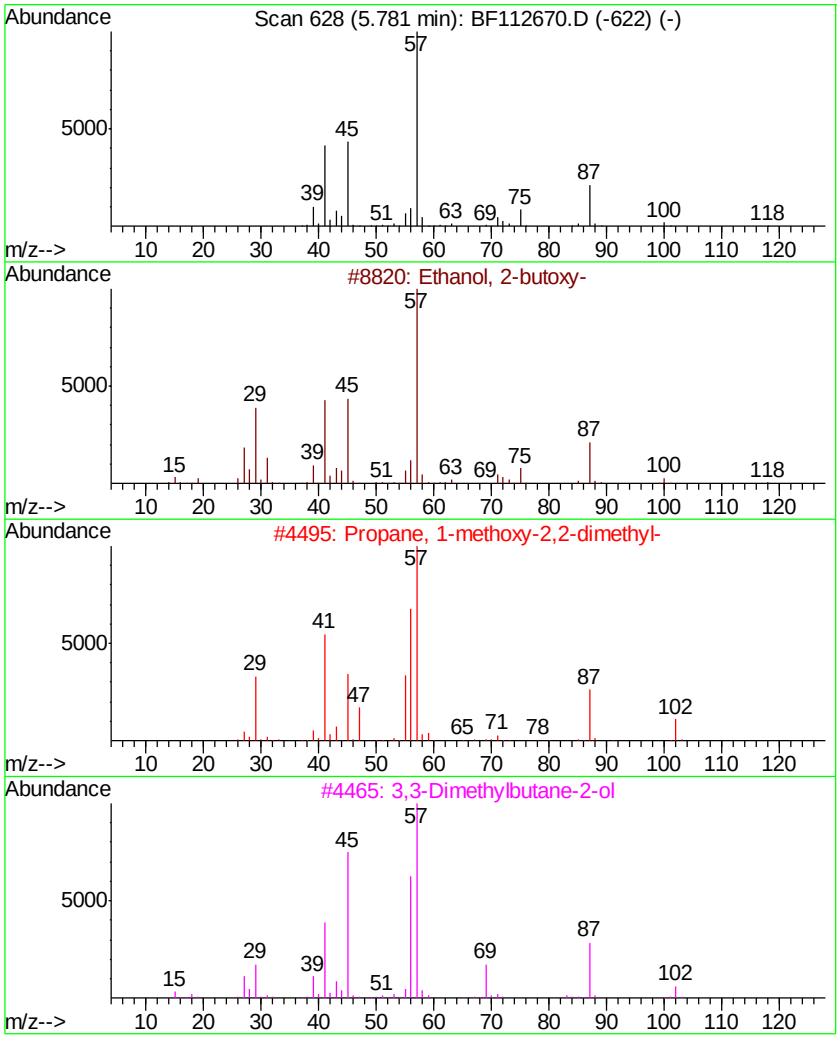
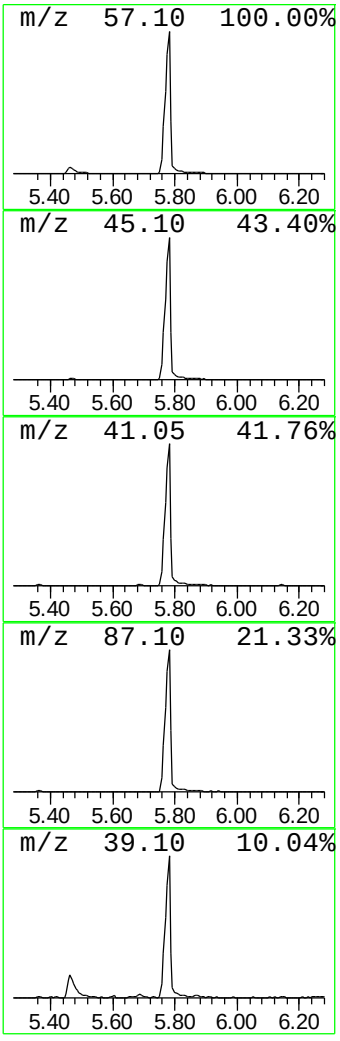
Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	56.90 ng	1364370	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	91
2	Propane, 1-methoxy-2,2-dimethyl-	102	C6H14O	001118-00-9	40
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	36
4	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	17
5	n-Butyl ether	130	C8H18O	000142-96-1	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

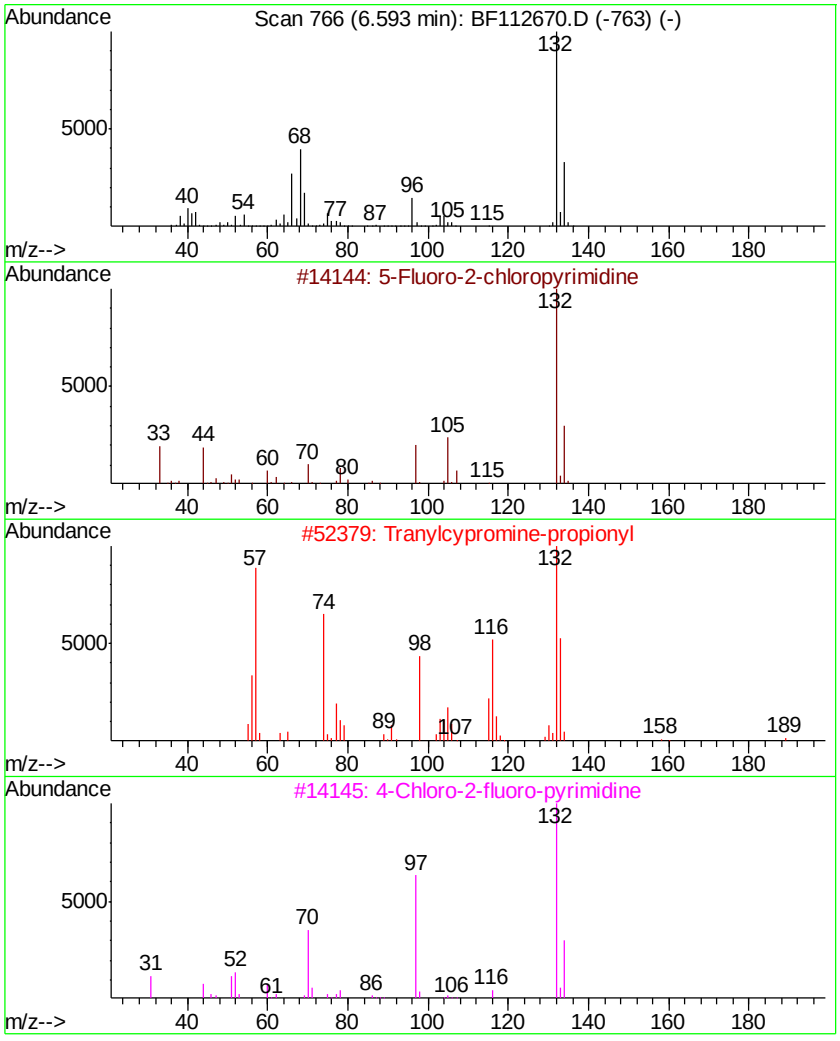
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

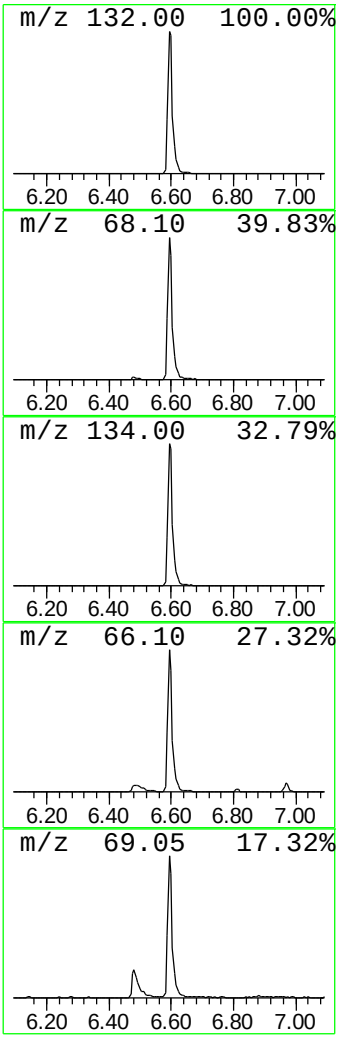
****

Peak Number 2 unknown6.59 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	58.37 ng	1399630	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

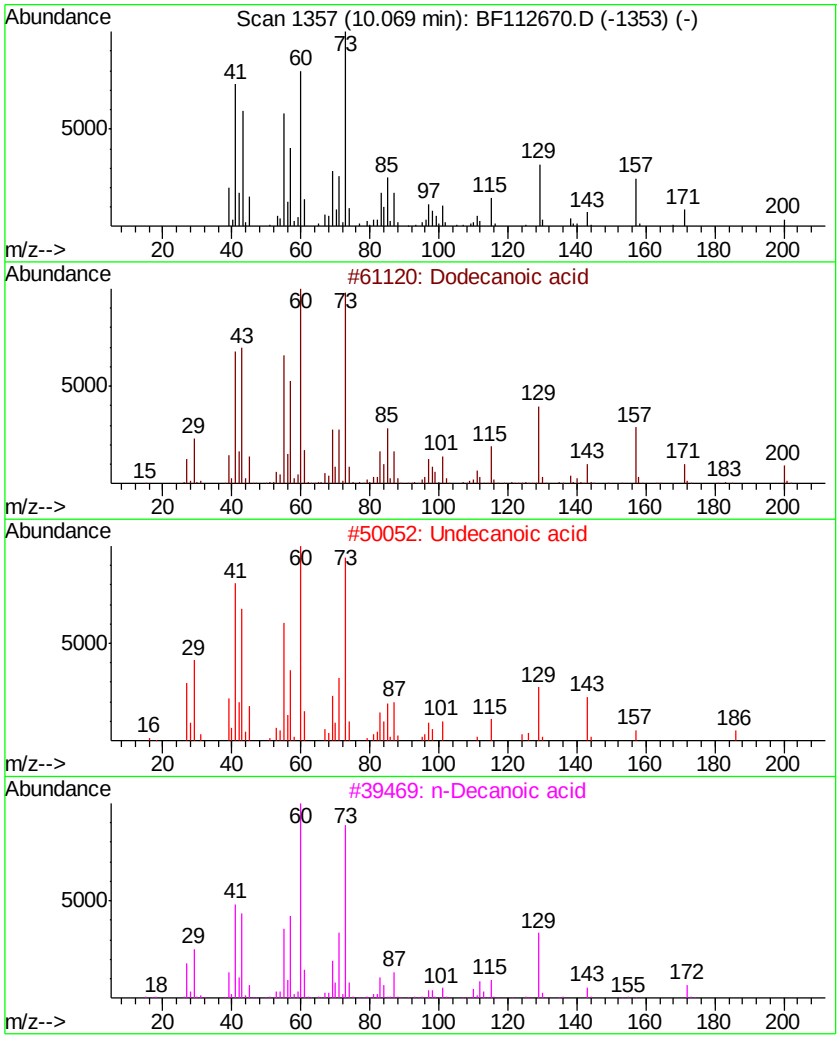
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

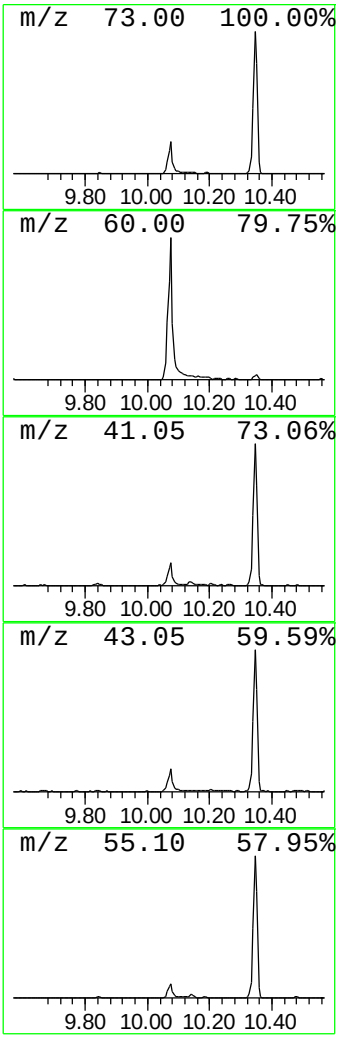
****

Peak Number 3 Dodecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	10.26 ng	434394	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	96
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	Nonanoic acid	158	C9H18O2	000112-05-0	49
5	Octanoic acid	144	C8H16O2	000124-07-2	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

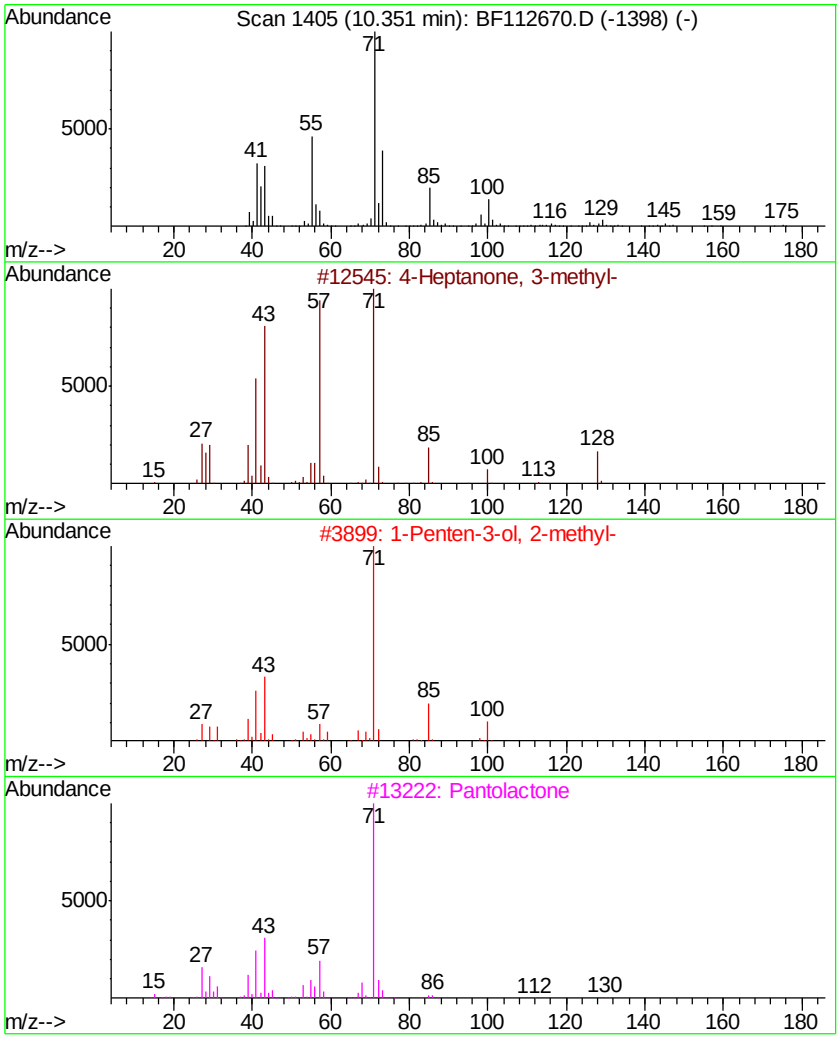
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

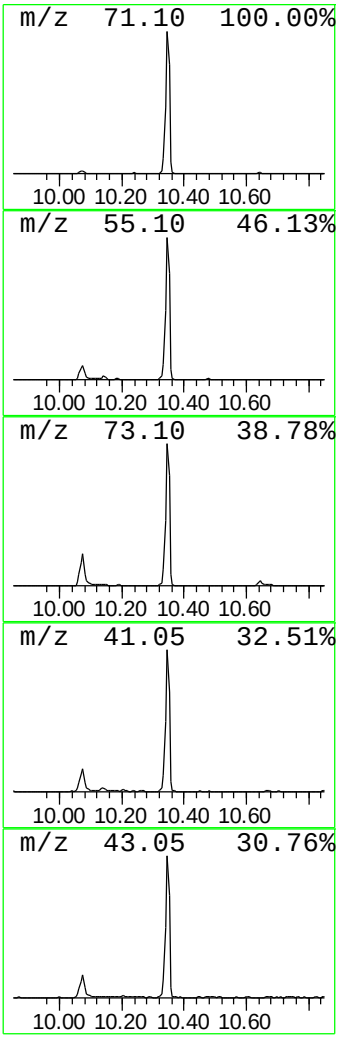
****

Peak Number 4 4-Heptanone, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	45.25 ng	1916530	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	59
2	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	53
3	Pantolactone	130	C6H10O3	000599-04-2	47
4	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	47
5	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

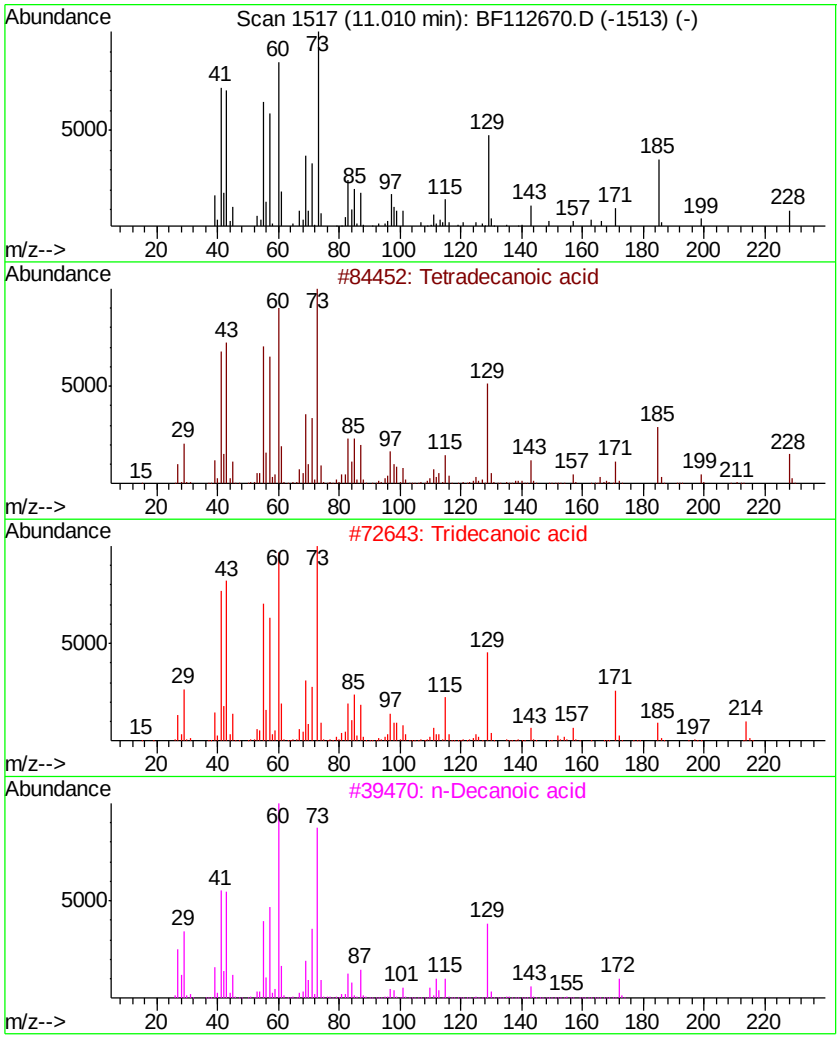
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

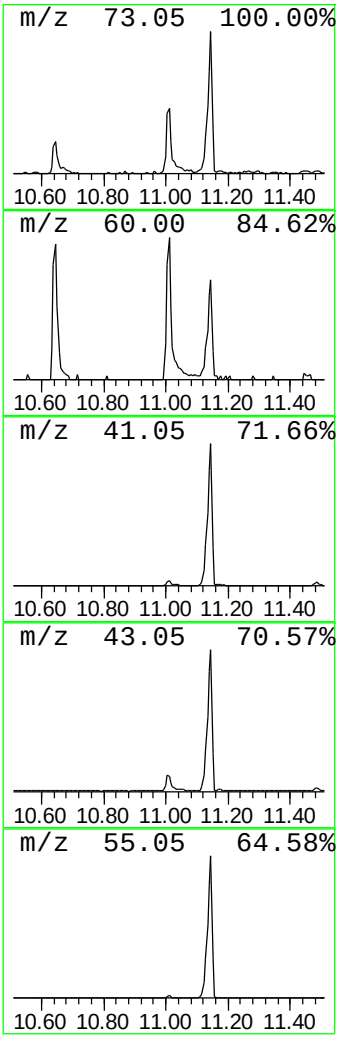
****

Peak Number 5 Tetradecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	5.00 ng	186637	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	74
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	Undecanoic acid	186	C11H22O2	000112-37-8	52
5	Dodecanoic acid	200	C12H24O2	000143-07-7	42





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Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

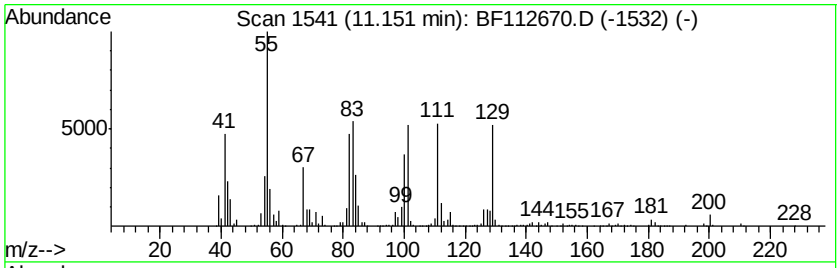
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

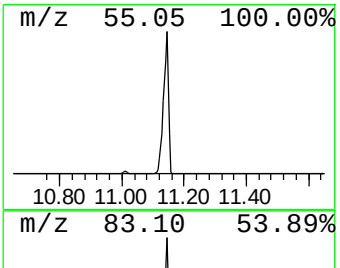
****

Peak Number 6 unknown11.15 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	138.07 ng	5154430	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-[methylenebis(...	212	C13H24O2	001453-21-0	38
2	1-Azabicyclo[3.1.0]hexane	83	C5H9N	000285-76-7	25
3	Vinylcyclohexyl ether	126	C8H14O	002182-55-0	22
4	1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	18
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	18





Library Search Compound Report

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Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

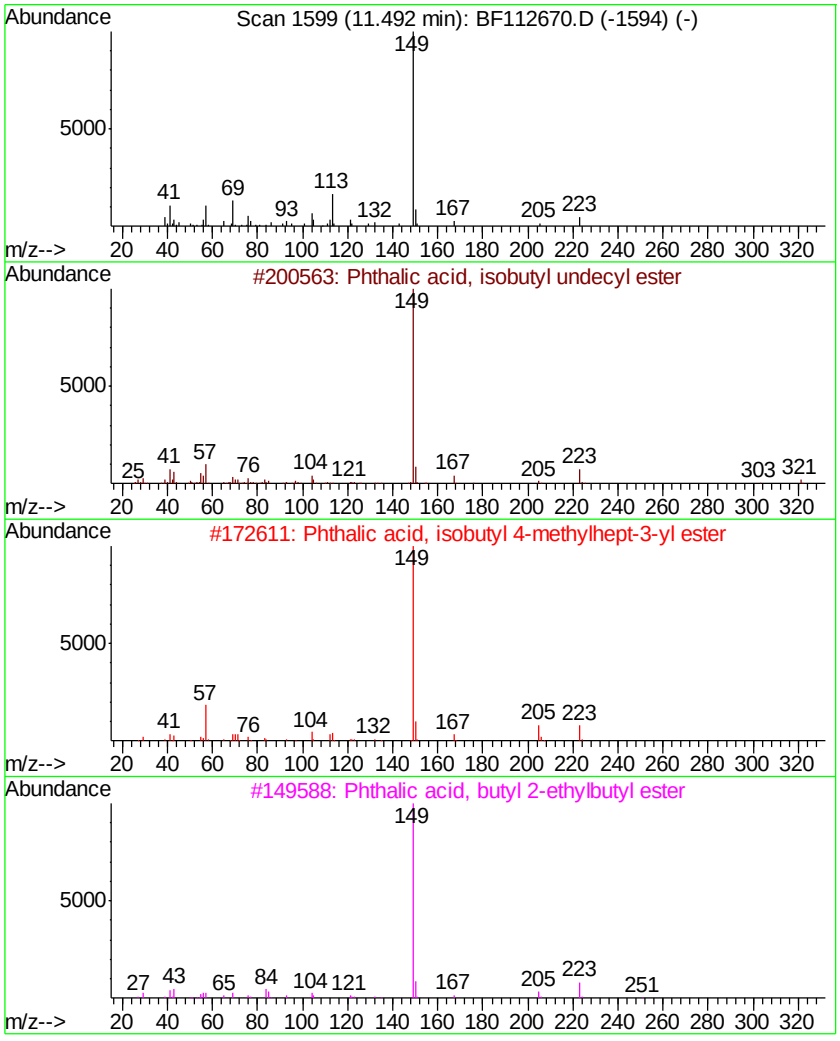
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

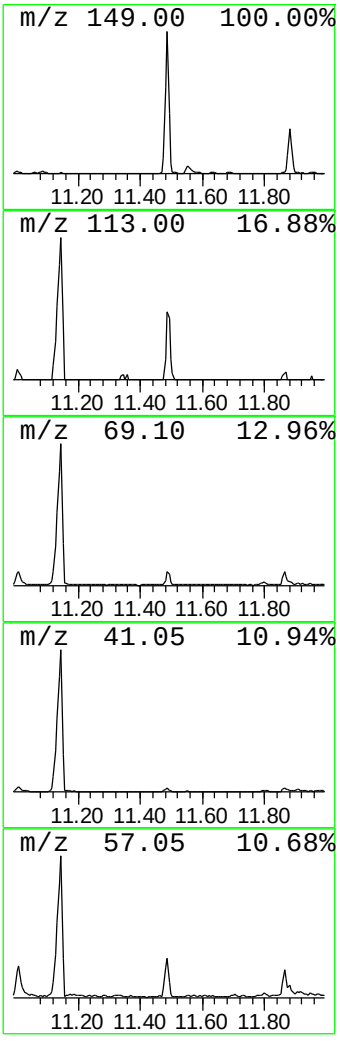
****

Peak Number 7 Phthalic acid, isobutyl und... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	3.82 ng	142731	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, isobutyl undecyl ...	376	C23H36O4	1000308-97-3	83
2	Phthalic acid, isobutyl 4-methyl...	334	C20H30O4	1000377-93-8	78
3	Phthalic acid, butyl 2-ethylbuty...	306	C18H26O4	1000356-89-0	72
4	Dibutyl phthalate	278	C16H22O4	000084-74-2	72
5	Phthalic acid, 8-chlorooctyl iso...	368	C20H29ClO4	1000356-85-8	72





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

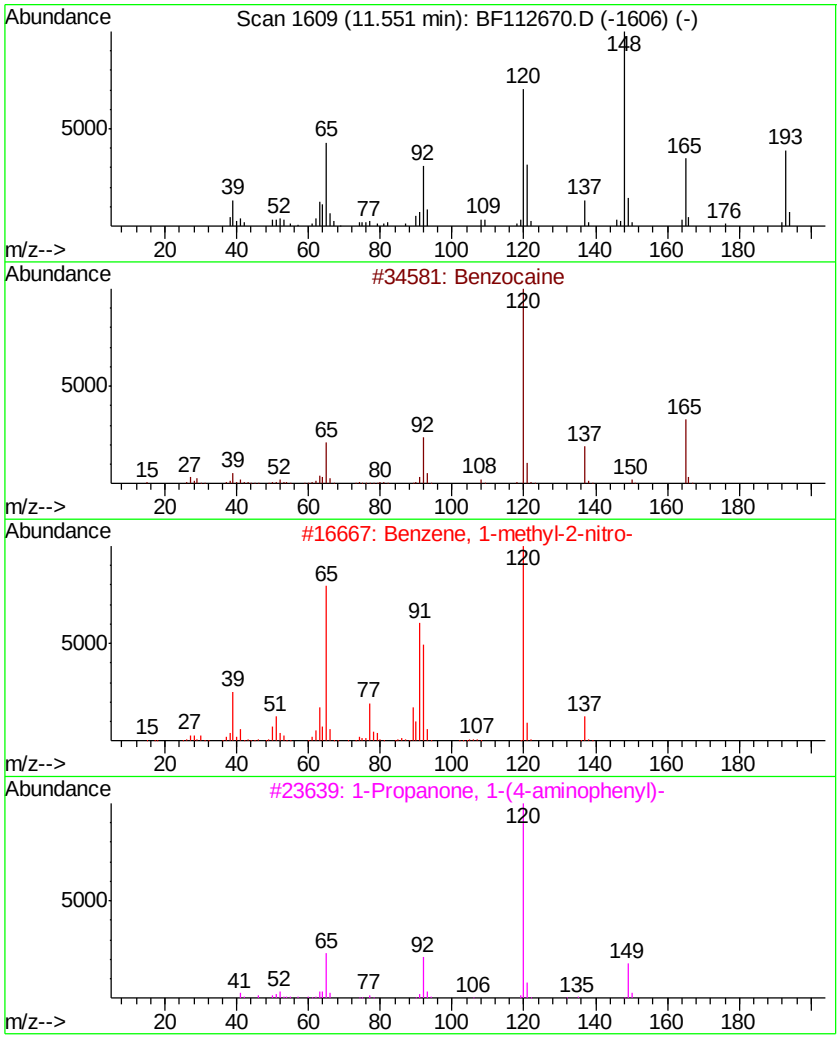
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

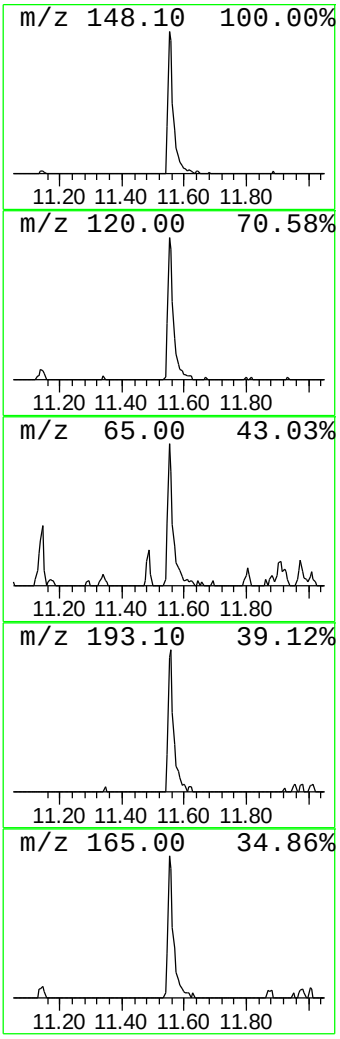
****

Peak Number 8 Benzocaine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	4.72 ng	176031	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocaine	165	C9H11NO2	000094-09-7	91
2	Benzene, 1-methyl-2-nitro-	137	C7H7NO2	000088-72-2	60
3	1-Propanone, 1-(4-aminophenyl)-	149	C9H11NO	000070-69-9	60
4	Isobutamben	193	C11H15NO2	000094-14-4	50
5	Ethyl p-acetamidobenzoate	207	C11H13NO3	005338-44-3	50





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Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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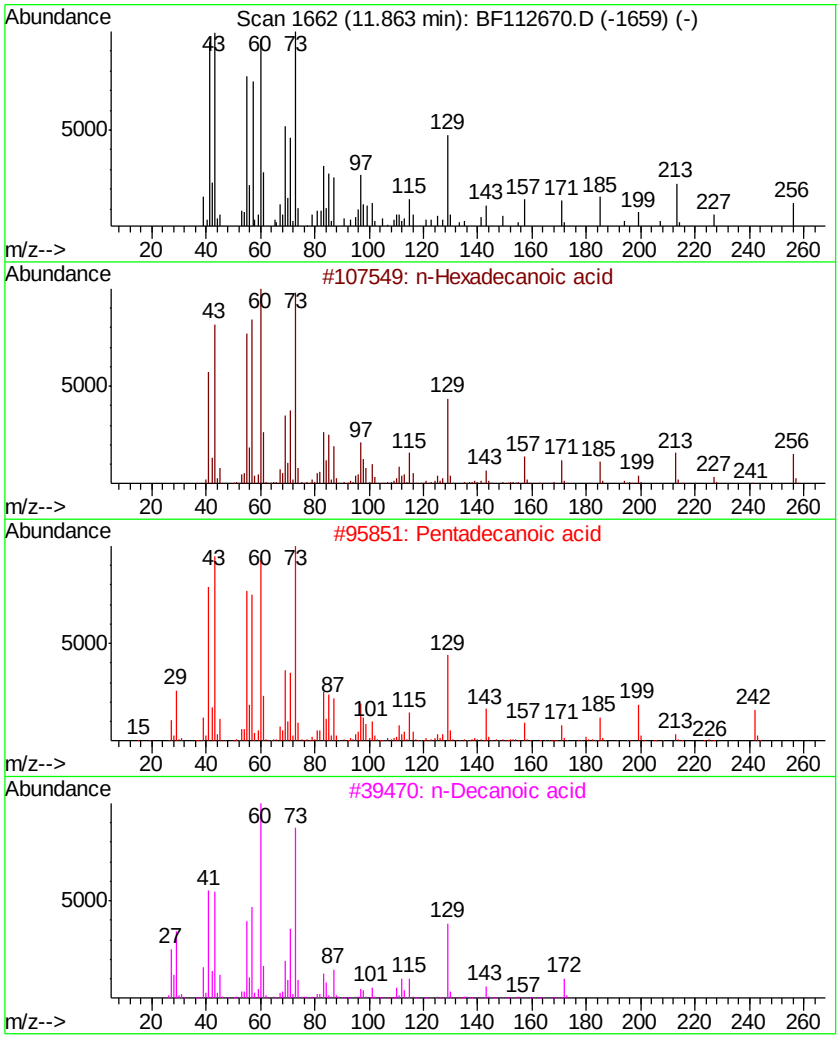
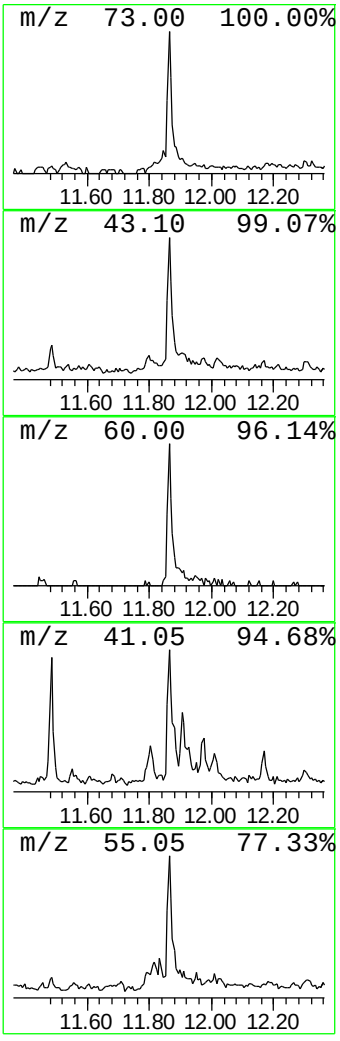
Peak Number 9 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.52 ng	168834	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

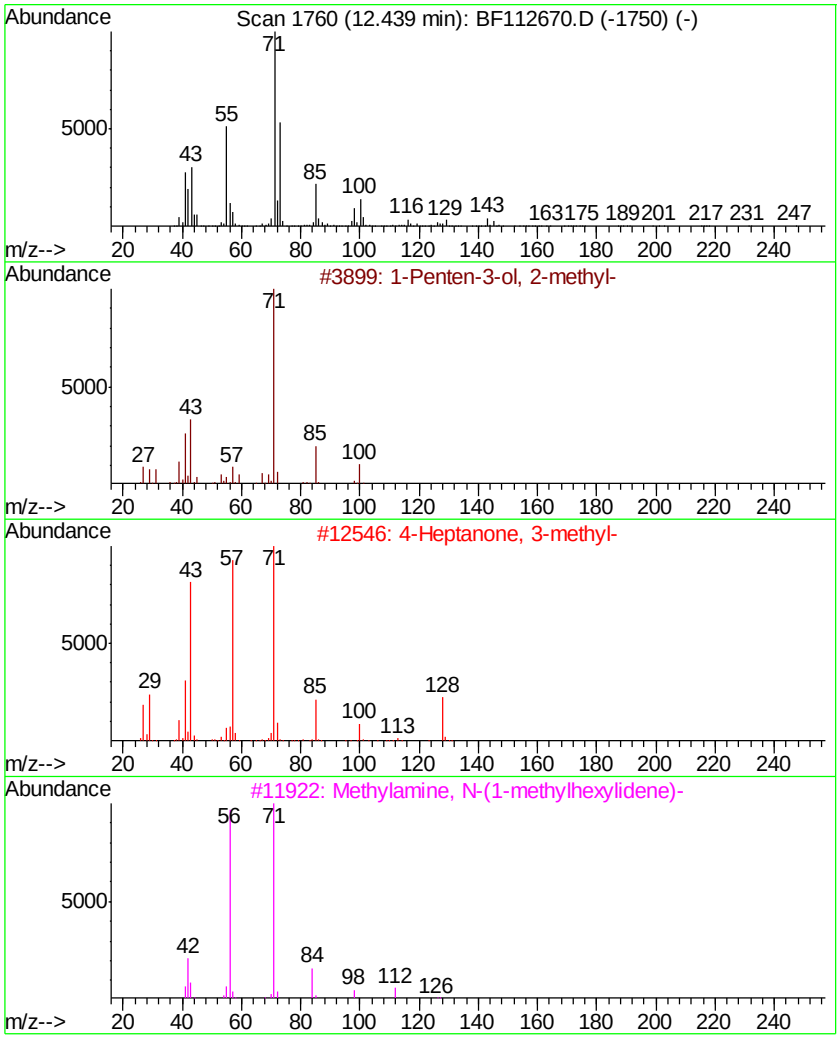
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

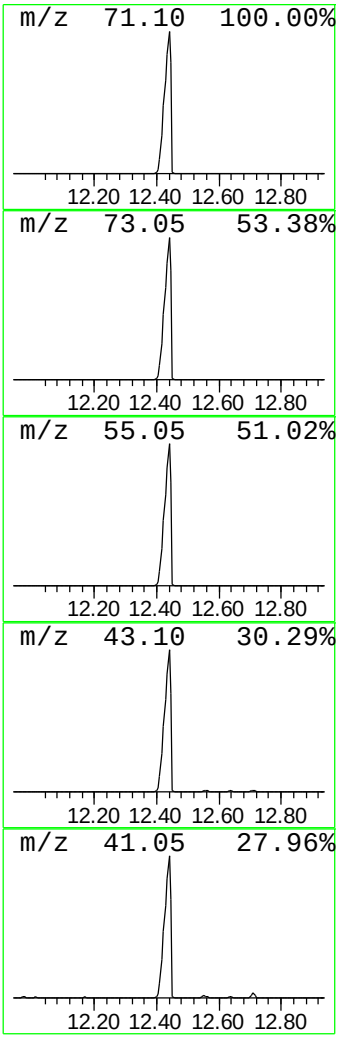
****

Peak Number 10 1-Penten-3-ol, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	354.49 ng	13233700	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	58
2	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	53
3	Methylamine, N-(1-methylhexylide...	127	C8H17N	022058-71-5	50
4	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	43
5	Glutaric acid, ditetrahydrofurfu...	300	C15H24O6	1000359-67-4	40





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Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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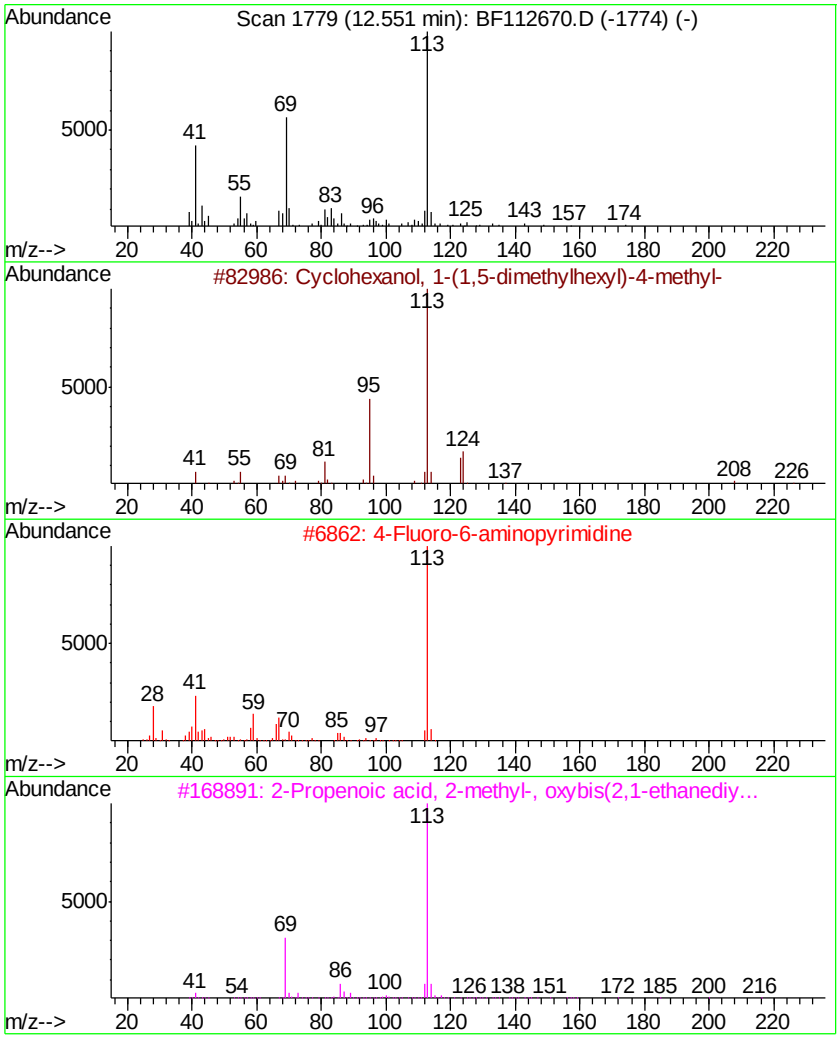
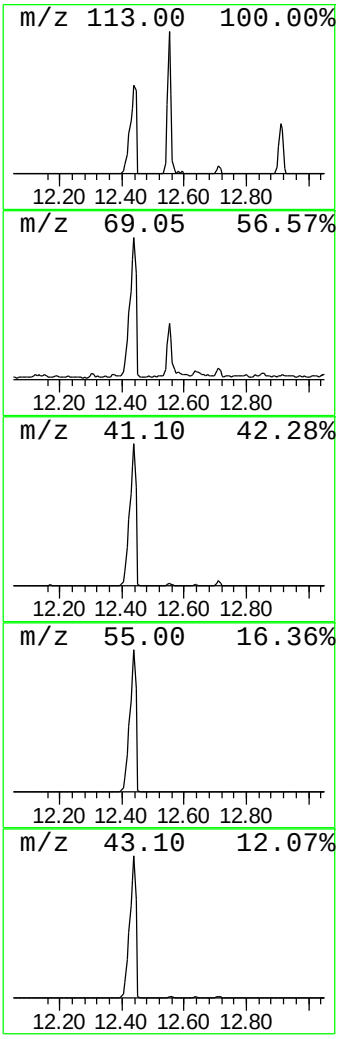
Peak Number 11 Cyclohexanol, 1-(1,5-dimeth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	3.99 ng	148783	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-(1,5-dimethylhex...	226	C15H30O	024945-44-6	59
2	4-Fluoro-6-aminopyrimidine	113	C4H4FN3	051421-96-6	59
3	2-Propenoic acid, 2-methyl-, oxy...	330	C16H26O7	000109-17-1	59
4	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	58
5	1-Amino-2,6-dimethylpiperidine	128	C7H16N2	039135-39-2	53





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Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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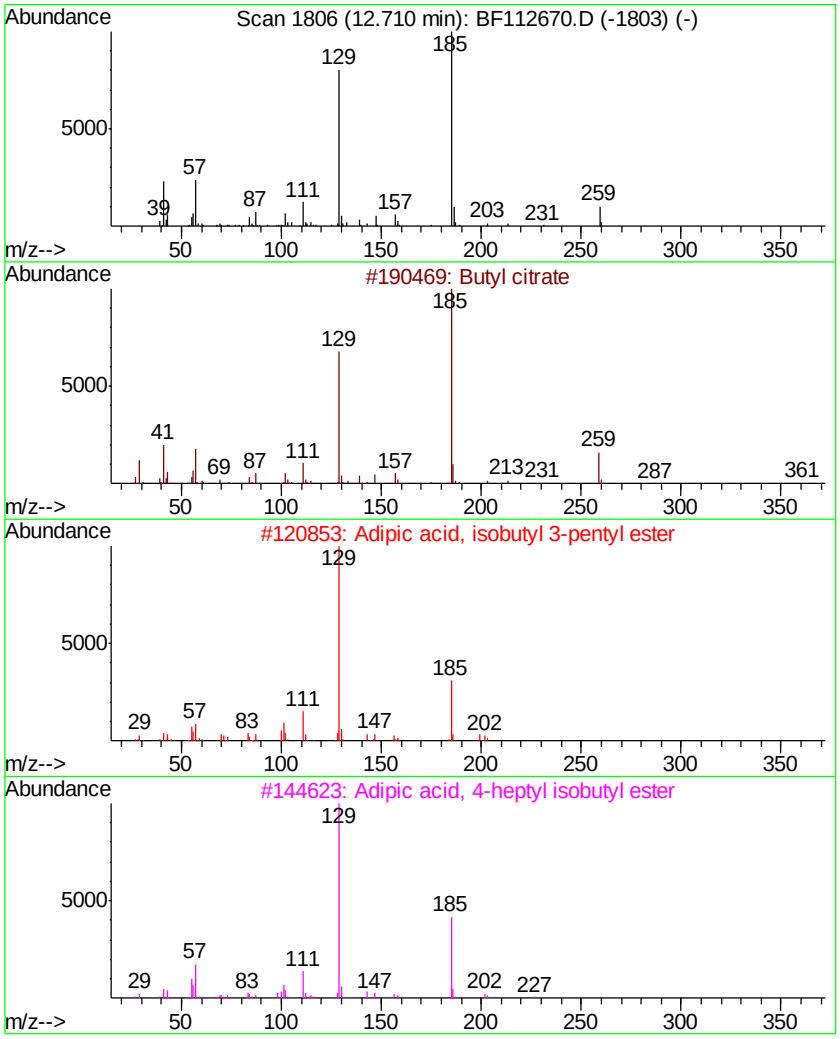
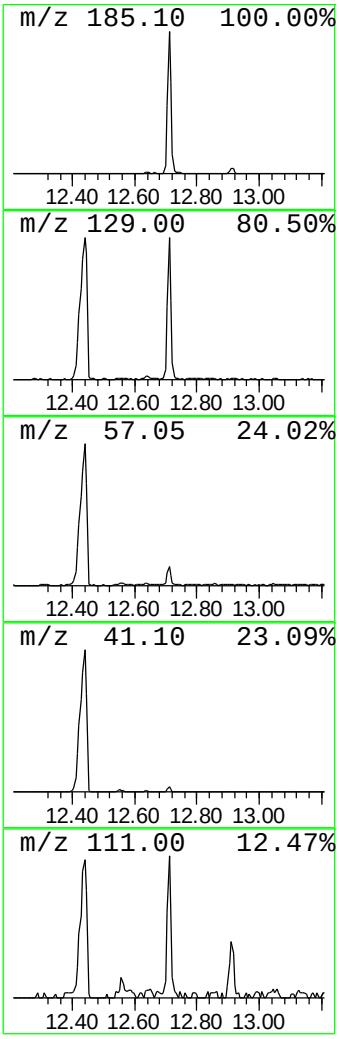
Peak Number 12 Butyl citrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	7.97 ng	233627	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	91
2	Adipic acid, isobutyl 3-pentyl e...	272	C15H28O4	1000324-60-4	78
3	Adipic acid, 4-heptyl isobutyl e...	300	C17H32O4	1000349-73-6	72
4	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	64
5	Adipic acid, butyl 4-methylpent-...	286	C16H30O4	1000353-50-2	56





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Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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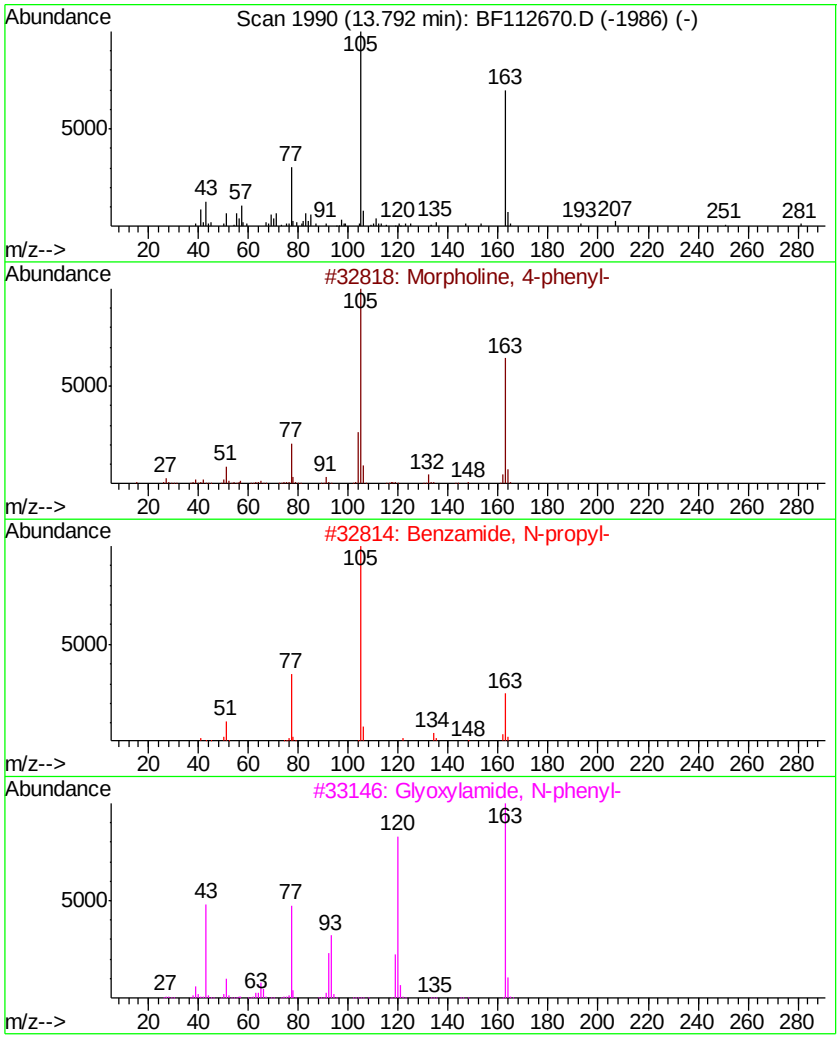
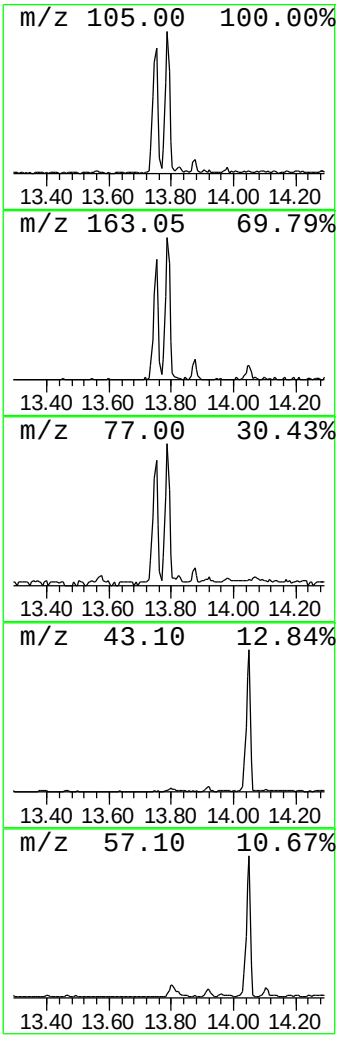
Peak Number 13 Morpholine, 4-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	7.71 ng	225959	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	59
2	Benzamide, N-propyl-	163	C10H13NO	010546-70-0	56
3	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	47
4	2-Propen-1-one, 1,2-diphenyl-	208	C15H12O	004452-11-3	35
5	Benzoic acid, (3-isopropyl-6-met...	283	C17H17NO3	039870-46-7	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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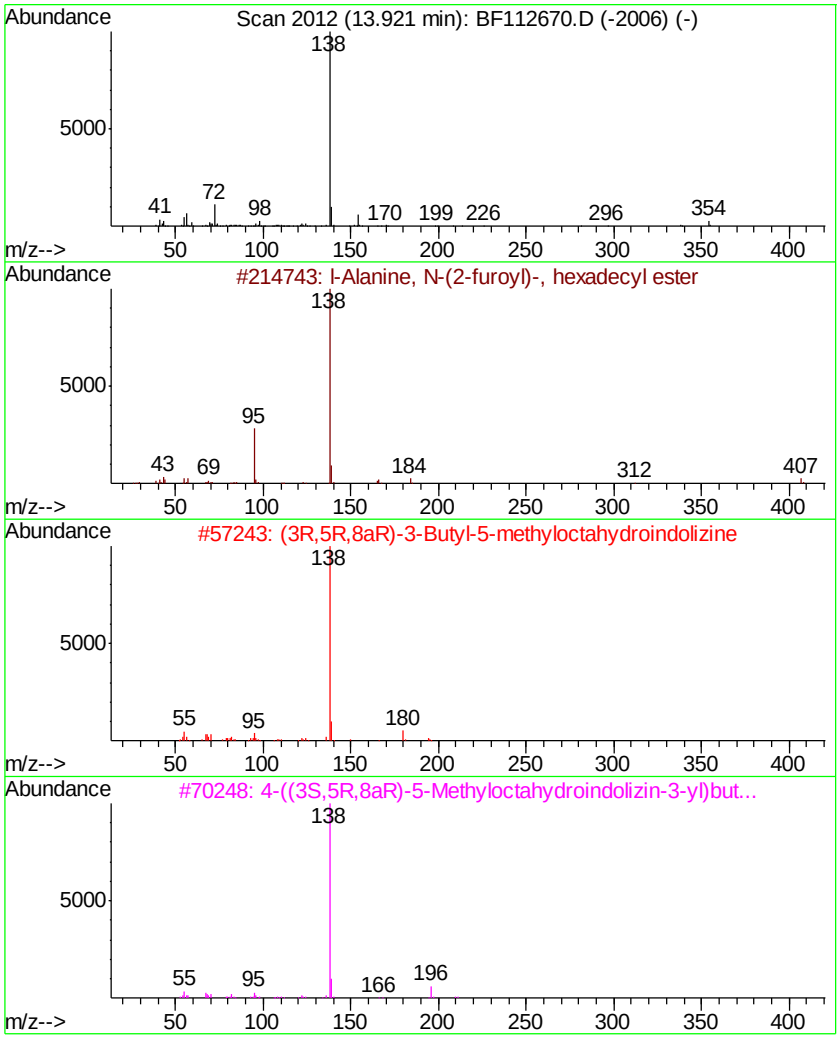
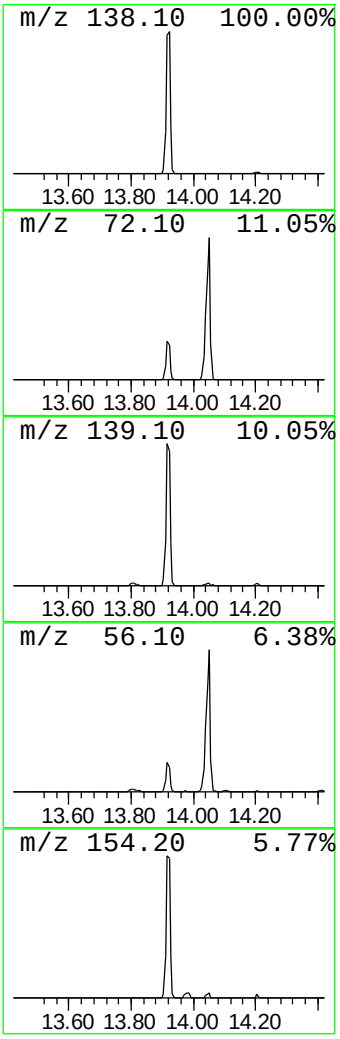
Peak Number 14 unknown13.92 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	21.36 ng	626078	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	l-Alanine, N-(2-furoyl)-, hexade...	407	C24H41NO4	1000314-29-4	45
2	(3R,5R,8aR)-3-Butyl-5-methyloctа...	195	C13H25N	053447-41-9	45
3	4-((3S,5R,8aR)-5-Methyloctahydro...	211	C13H25NO	1000367-27-5	45
4	Furan-2-carboxylic acid methyl-(...	278	C16H26N2O2	1000295-36-6	45
5	l-Alanine, N-(2-furoyl)-, tetrad...	379	C22H37NO4	1000314-29-2	45





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Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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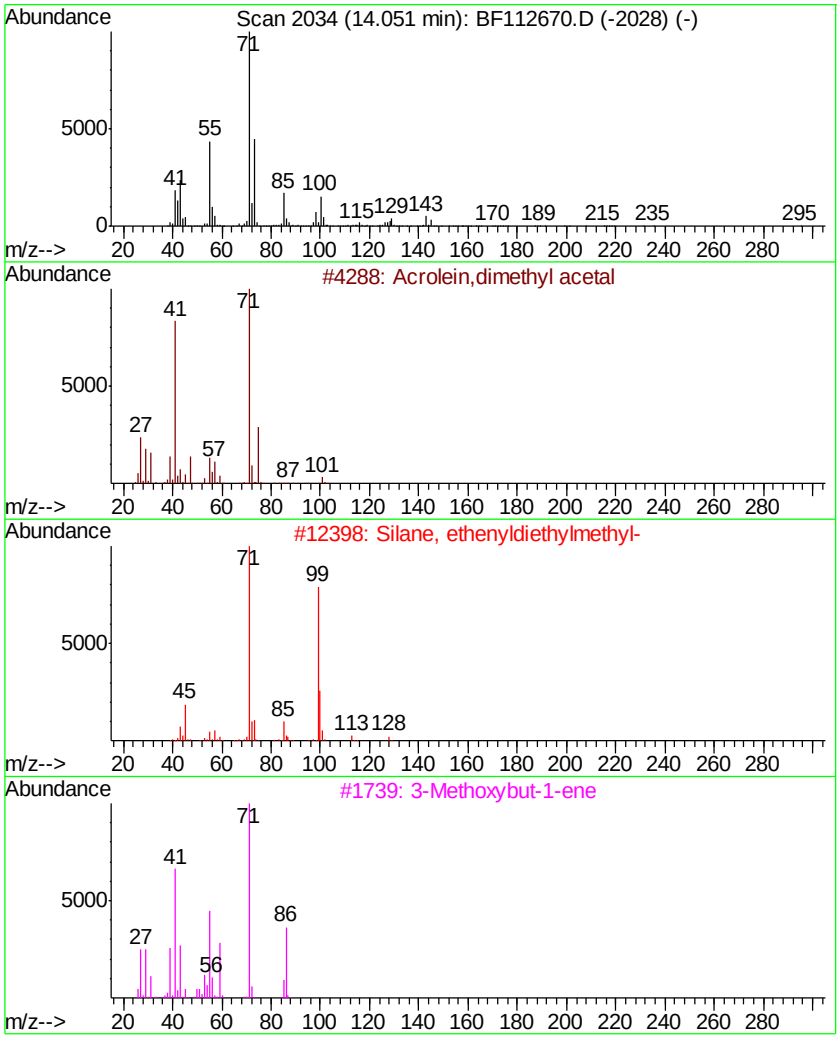
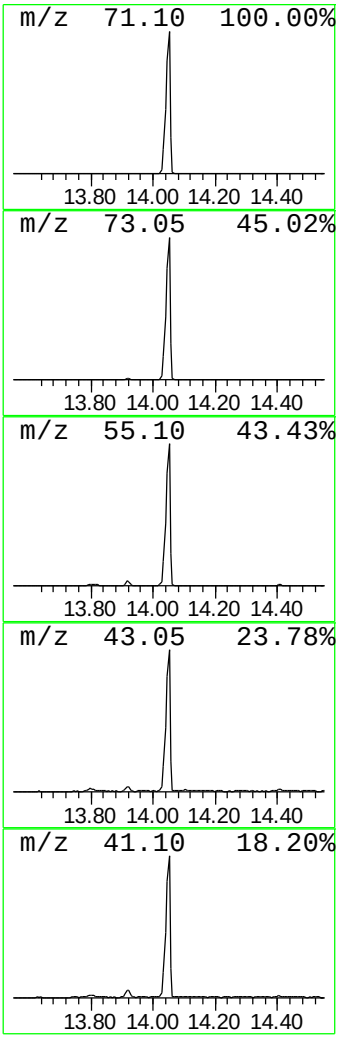
Peak Number 15 Acrolein,dimethyl acetal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	164.82 ng	4830580	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	50
2	Silane, ethenyldiethylmethyl-	128	C7H16Si	018292-29-0	50
3	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	50
4	Oxirane, 2,2'-[1,4-butanediylbis...	202	C10H18O4	002425-79-8	38
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	38





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Operator : JU/SJ
Sample : K1570-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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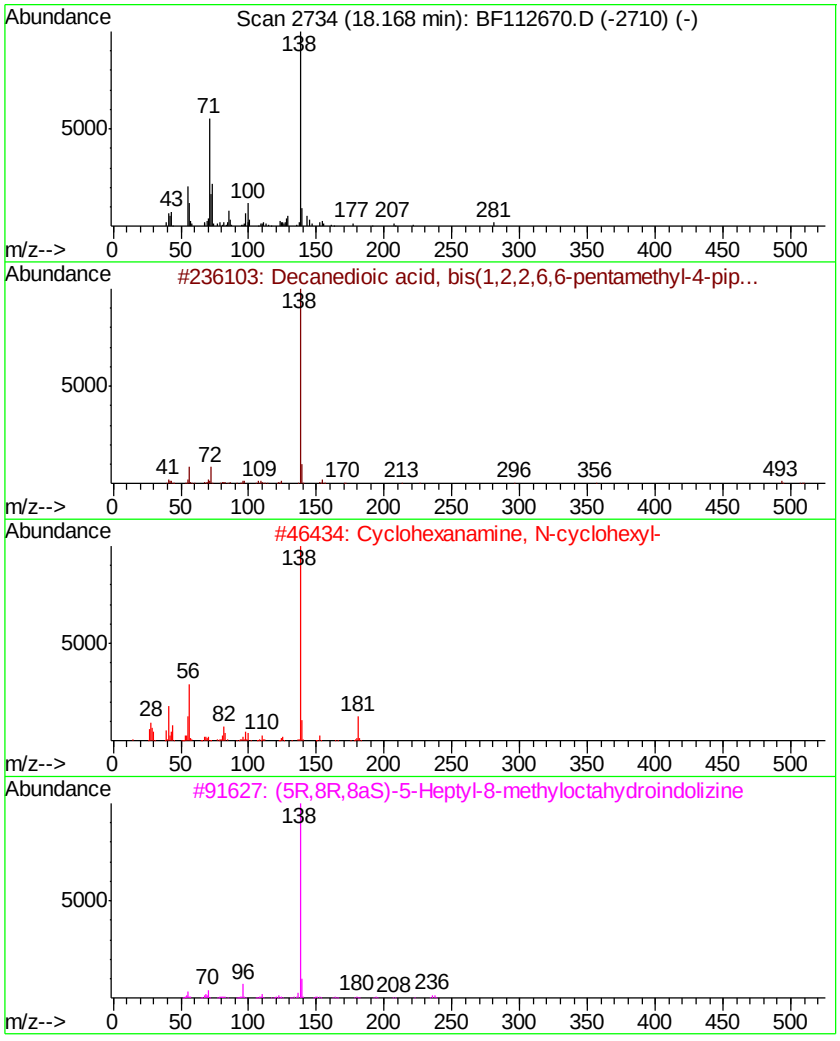
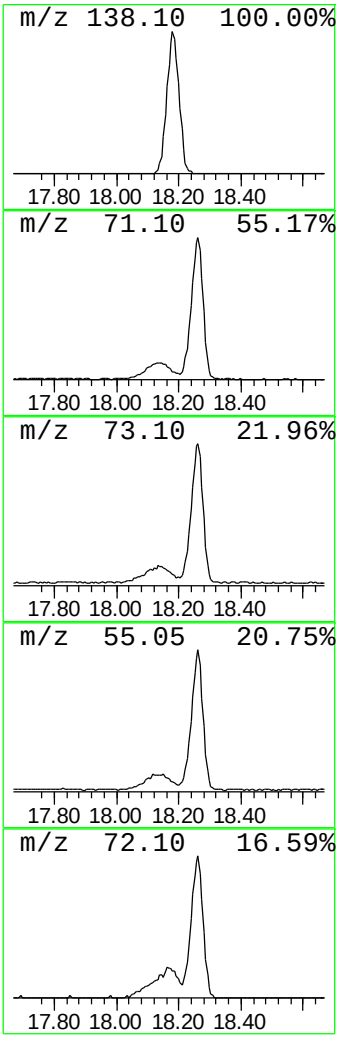
Peak Number 17 unknown18.17 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	25.25 ng	569016	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(1,2,2,6,6-...	508	C30H56N2O4	041556-26-7	43
2	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	38
3	(5R,8R,8aS)-5-Heptyl-8-methyloct...	237	C16H31N	847459-59-0	35
4	l-Alanine, N-(2-furoyl)-, heptyl...	281	C15H23NO4	1000314-28-5	32
5	Pyridine-4-carboxamide, N-methyl...	289	C17H27N3O	1000261-12-9	32





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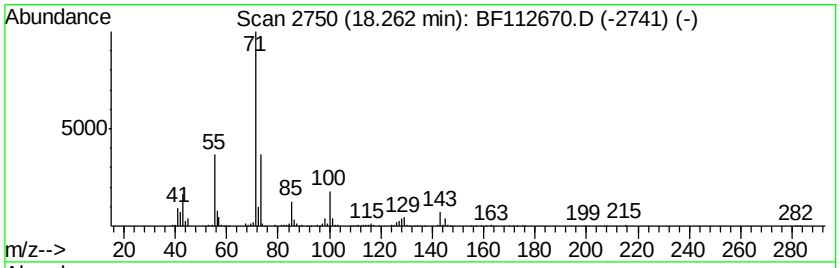
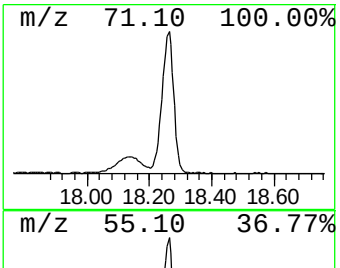
Peak Number 18 3-Methoxybut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	73.54 ng	1657410	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	50
2	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	47
3	Silane, ethenyldiethylmethyl-	128	C7H16Si	018292-29-0	38
4	Sulfurous acid, 2-pentyl tetrade...	348	C19H40O3S	1000309-16-3	33
5	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	33





Tentatively Identified Compound (LSC) summary

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Data File : BF112670.D
Acq On : 22 Feb 2019 17:56
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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
Ethanol, 2-butoxy-	5.78	56.9	ng	1364370	1	6.82	479583	20.0
unknown6.59	6.59	58.4	ng	1399630	1	6.82	479583	20.0
Dodecanoic acid	10.07	10.3	ng	434394	3	9.85	847018	20.0
4-Heptanone, 3-me...	10.35	45.3	ng	1916530	3	9.85	847018	20.0
Tetradecanoic acid	11.01	5.0	ng	186637	4	11.34	746643	20.0
unknown11.15	11.15	138.1	ng	5154430	4	11.34	746643	20.0
Phthalic acid, is...	11.49	3.8	ng	142731	4	11.34	746643	20.0
Benzocaine	11.55	4.7	ng	176031	4	11.34	746643	20.0
n-Hexadecanoic acid	11.86	4.5	ng	168834	4	11.34	746643	20.0
1-Penten-3-ol, 2-...	12.44	354.5	ng	13233700	4	11.34	746643	20.0
Cyclohexanol, 1-(...	12.55	4.0	ng	148783	4	11.34	746643	20.0
Butyl citrate	12.71	8.0	ng	233627	5	13.98	586176	20.0
Morpholine, 4-phe...	13.79	7.7	ng	225959	5	13.98	586176	20.0
unknown13.92	13.92	21.4	ng	626078	5	13.98	586176	20.0
Acrolein,dimethyl...	14.05	164.8	ng	4830580	5	13.98	586176	20.0
unknown18.17	18.17	25.3	ng	569016	6	15.44	450750	20.0
3-Methoxybut-1-ene	18.26	73.5	ng	1657410	6	15.44	450750	20.0