LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120260.D
Acq On : 1 May 2020 16:07
Operator : MA/SJ
Sample : L2463-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

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-BF040820.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	2.422	52	57	63	rVB	351526	449241	7.48%	1.207%
2	4.157	348	352	358	rVB	63862	80498	1.34%	0.216%
3	4.375	385	389	398	rBV	120963	138187	2.30%	0.371%
4	4.851	466	470	478	rVB	142421	153992	2.56%	0.414%
5	5.269	537	541	560	rBV	4012287	3860421	64.27%	10.371%
6	6.304	713	717	733	rBV	3319204	3407944	56.73%	9.155%
7	6.651	772	776	785	rVB	873839	800852	13.33%	2.151%
8	6.810	798	803	806	rBV	3385359	3311962	55.13%	8.897%
9	7.222	867	873	876	rBV	2718696	2874221	47.85%	7.721%
10	7.934	990	994	1001	rBV	1297369	1071329	17.83%	2.878%
11	9.016	1172	1178	1181	rBV	5400606	5038014	83.87%	13.534%
12	9.410	1241	1245	1248	rBV	222249	172046	2.86%	0.462%
13	9.686	1287	1292	1296	rBV	1565020	1259996	20.98%	3.385%
14	10.481	1421	1427	1430	rBV	3427929	3417786	56.90%	9.181%
15	11.175	1540	1545	1548	rBV	1506781	1355486	22.57%	3.641%
16	11.716	1633	1637	1646	rBV	350301	361576	6.02%	0.971%
17	12.498	1767	1770	1781	rBV2	136308	166438	2.77%	0.447%
18	12.769	1807	1816	1819	rBV	5809573	6007008	100.00%	16.137%
19	13.674	1966	1970	1982	rBV	351404	507870	8.45%	1.364%
20	13.810	1989	1993	1997	rVB	1330501	1265407	21.07%	3.399%
21	14.586	2123	2125	2130	rVB	64605	63338	1.05%	0.170%
22	14.898	2174	2178	2182	rVB	81132	86100	1.43%	0.231%
23	15.216	2226	2232	2236	rBV	962296	1129179	18.80%	3.033%
24	15.245	2236	2237	2241	rVB3	65890	61603	1.03%	0.165%
25	15.645	2300	2305	2311	rVB	61493	94648	1.58%	0.254%
26	15.716	2313	2317	2331	rVB8	32910	89560	1.49%	0.241%

Sum of corrected areas: 37224702

LSC Report - Integrated Chromatogram

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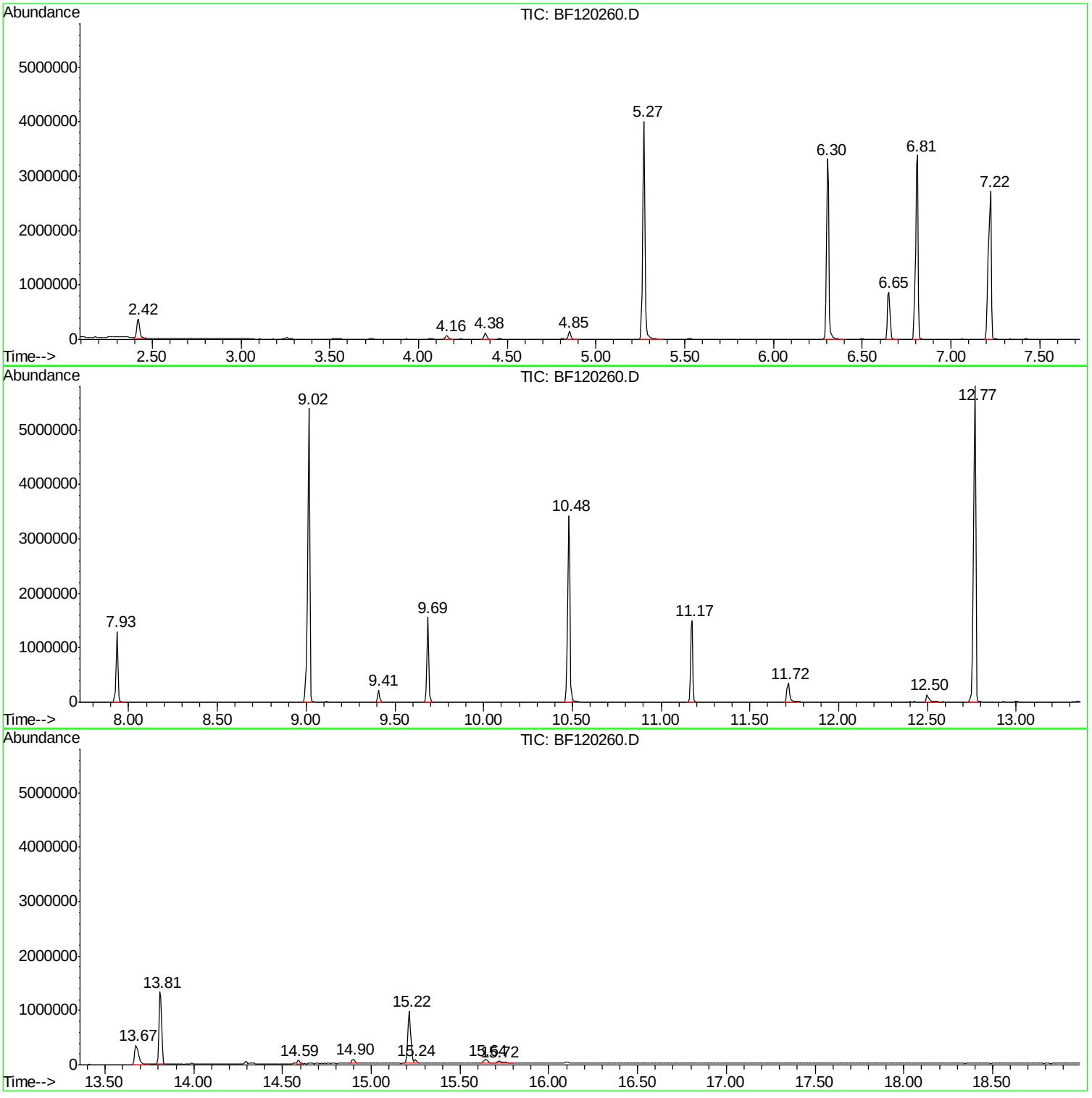
Operator : MA/SJ
Sample : L2463-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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 : BF120260.D
Acq On : 1 May 2020 16:07
Operator : MA/SJ
Sample : L2463-19
Misc :
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Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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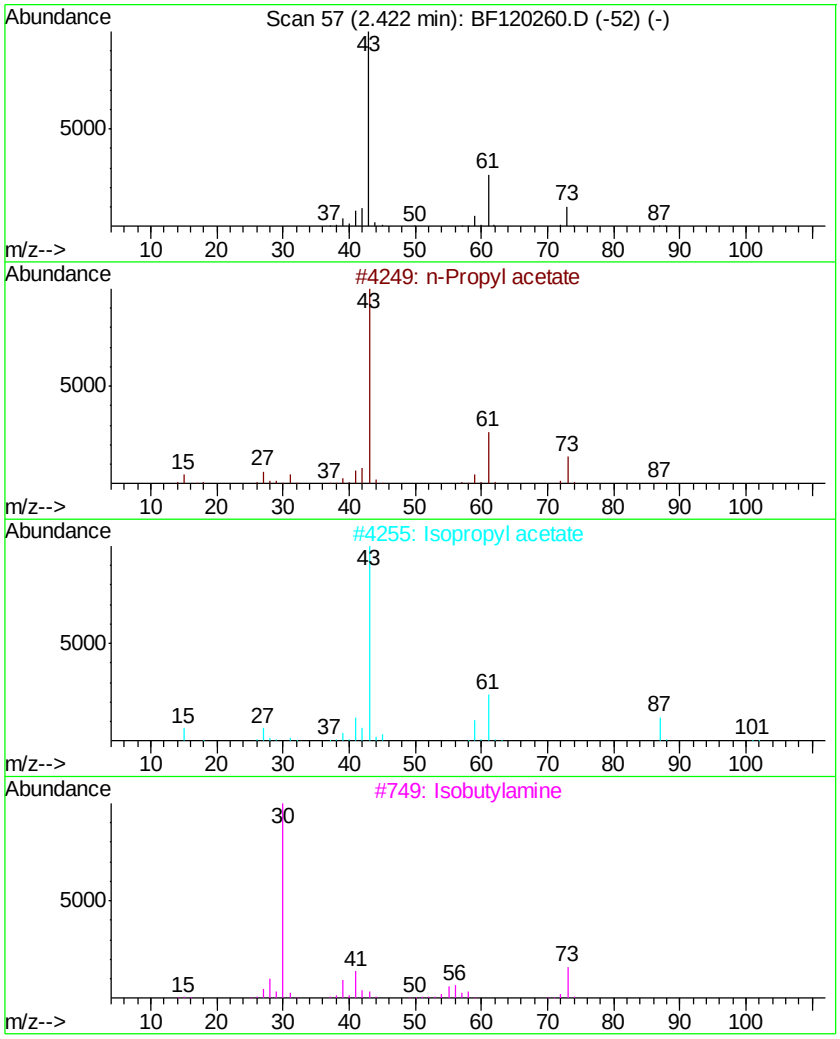
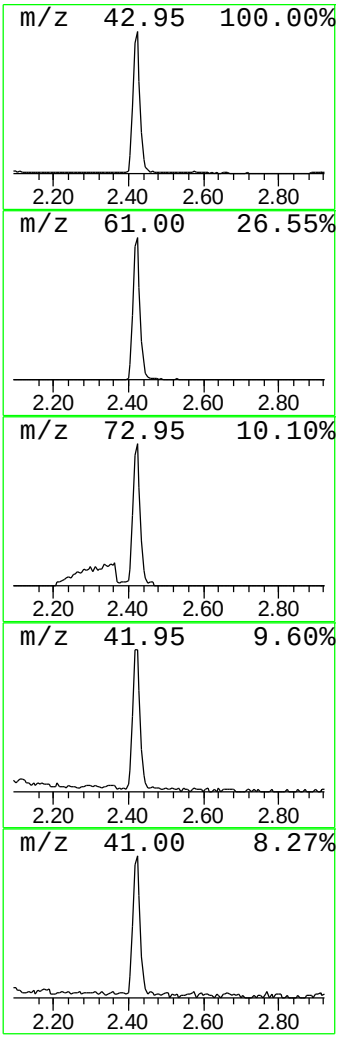
Peak Number 1 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.42	11.22 ng	449241	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	Isopropyl acetate	102	C5H10O2	000108-21-4	9
3	Isobutylamine	73	C4H11N	000078-81-9	5
4	1-Butanamine	73	C4H11N	000109-73-9	5
5	Acetic acid, 2-fluoroethyl ester	106	C4H7FO2	1000367-87-9	4





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120260.D
Acq On : 1 May 2020 16:07
Operator : MA/SJ
Sample : L2463-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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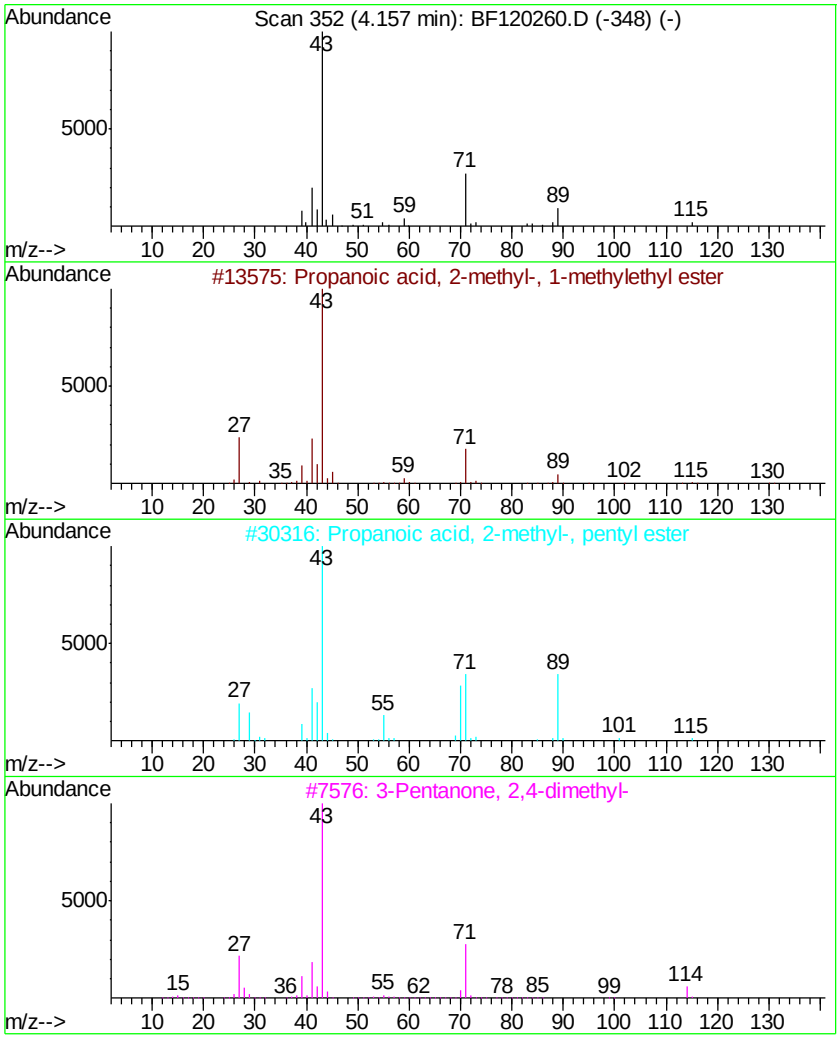
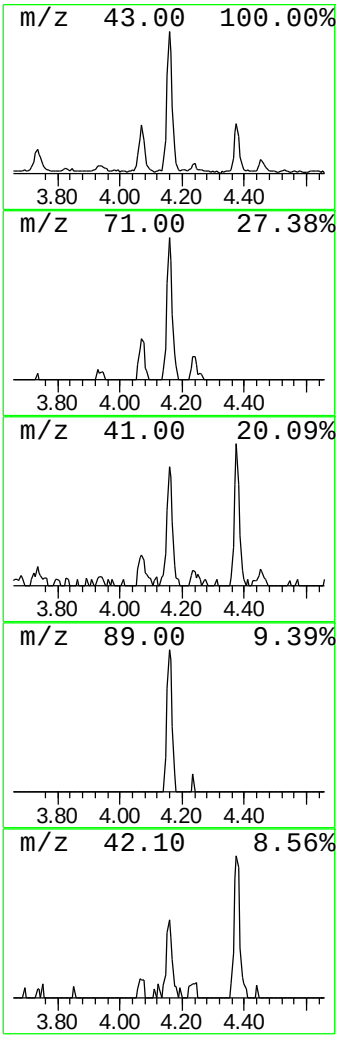
Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	2.01 ng	80498	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
2	Propanoic acid, 2-methyl-, pentyl...	158	C9H18O2	002445-72-9	33
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	25
4	N-Hydroxymethylacetamide	89	C3H7NO2	000625-51-4	12
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120260.D
Acq On : 1 May 2020 16:07
Operator : MA/SJ
Sample : L2463-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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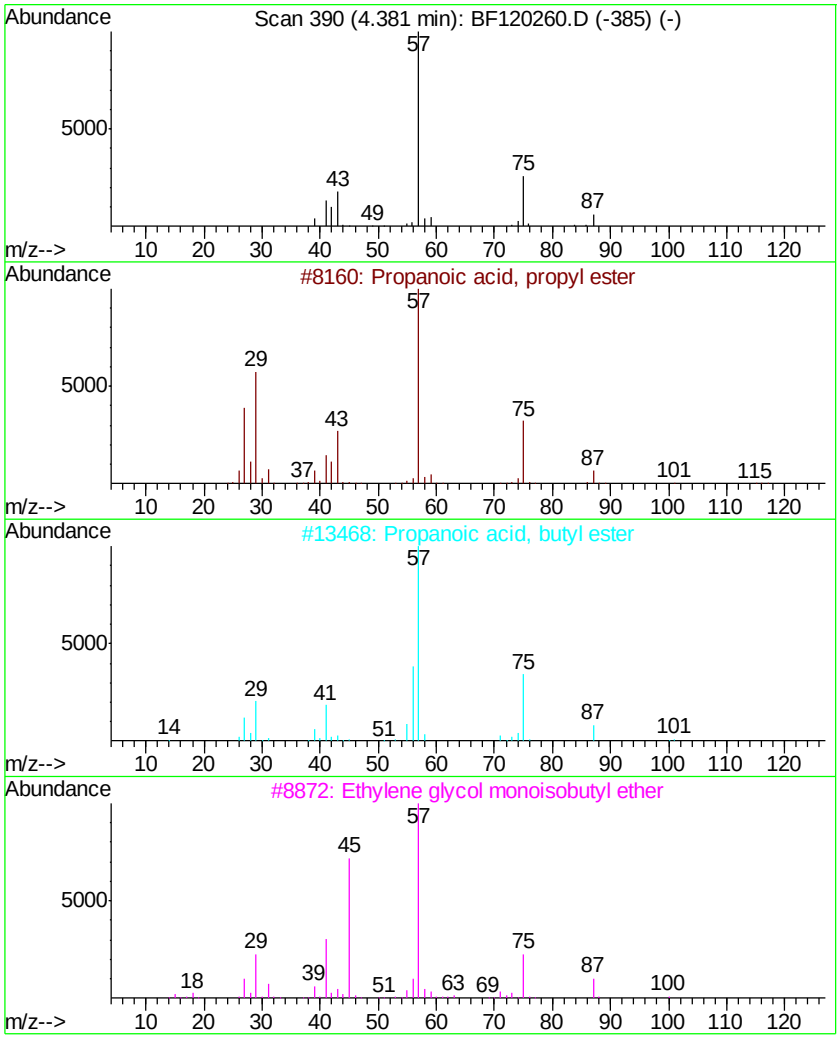
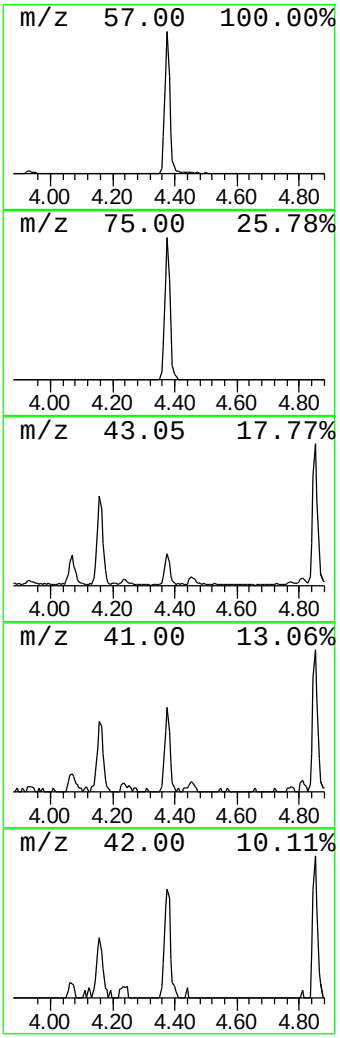
Peak Number 3 Propanoic acid, propyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	3.45 ng	138187	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
2	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	9
4	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	9
5	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	4





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Data File : BF120260.D
Acq On : 1 May 2020 16:07
Operator : MA/SJ
Sample : L2463-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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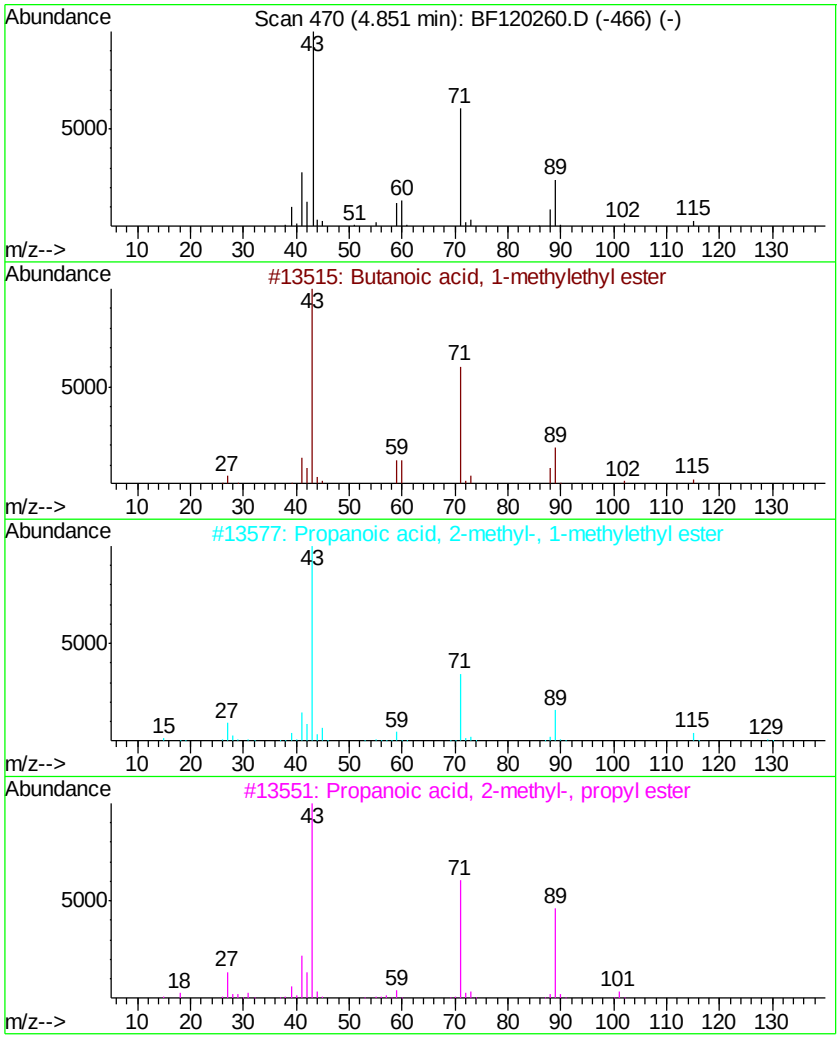
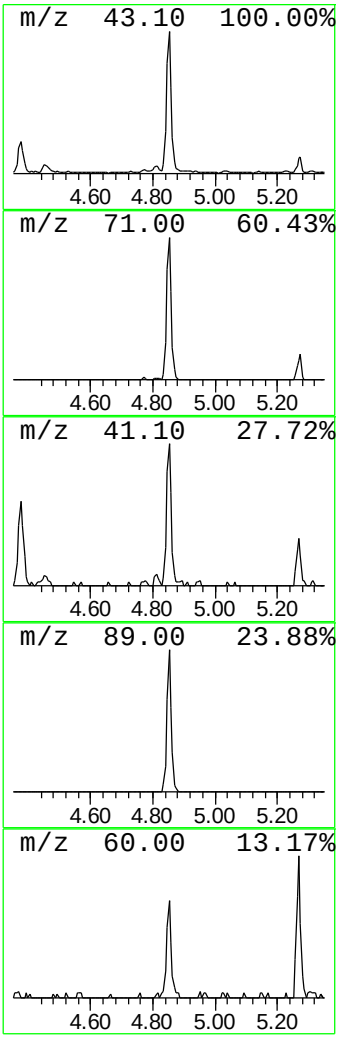
Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	3.85 ng	153992	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	86
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	50
4	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	25
5	Propanamide, N-acetyl-	115	C5H9NO2	019264-34-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120260.D
Acq On : 1 May 2020 16:07
Operator : MA/SJ
Sample : L2463-19
Misc :
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Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

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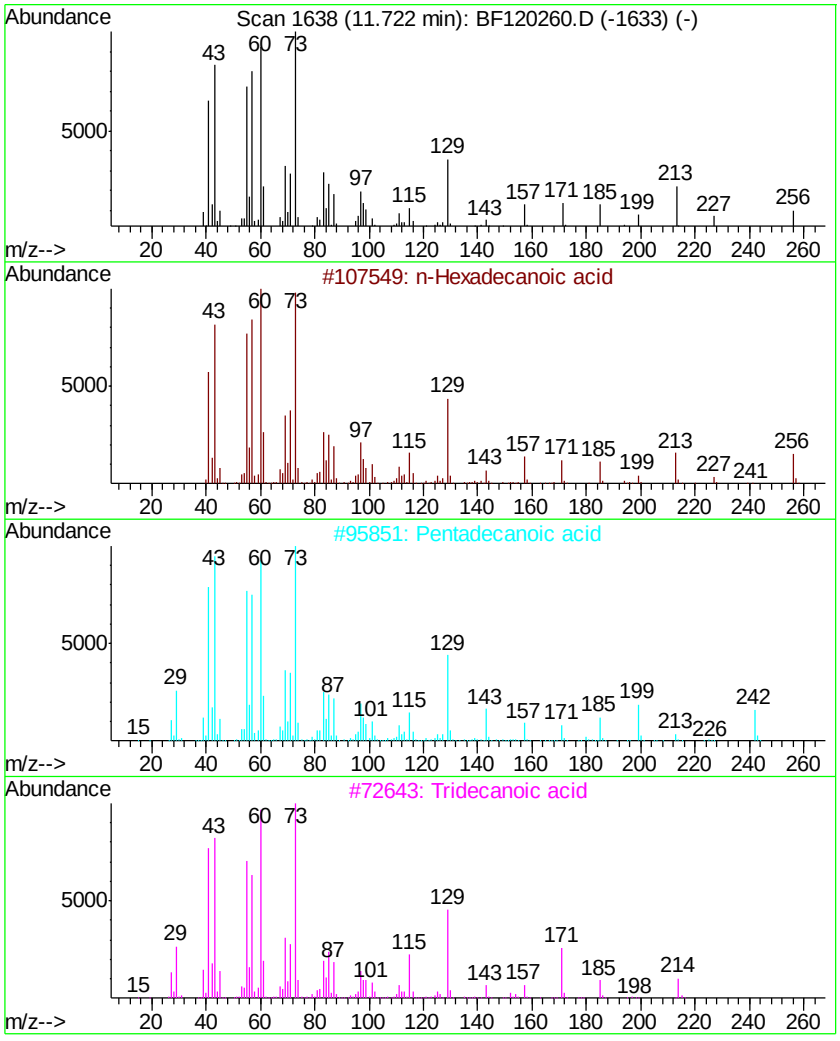
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

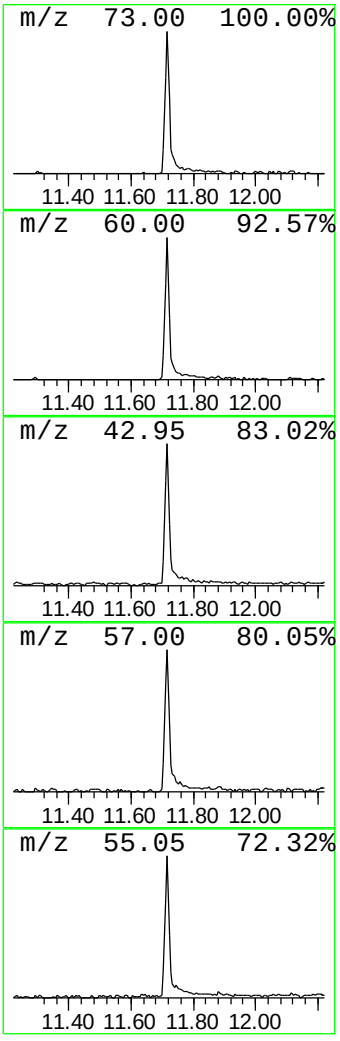
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	5.34 ng	361576	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Misc :
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Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
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TIC Library : C:\DATABASE\NIST11.L
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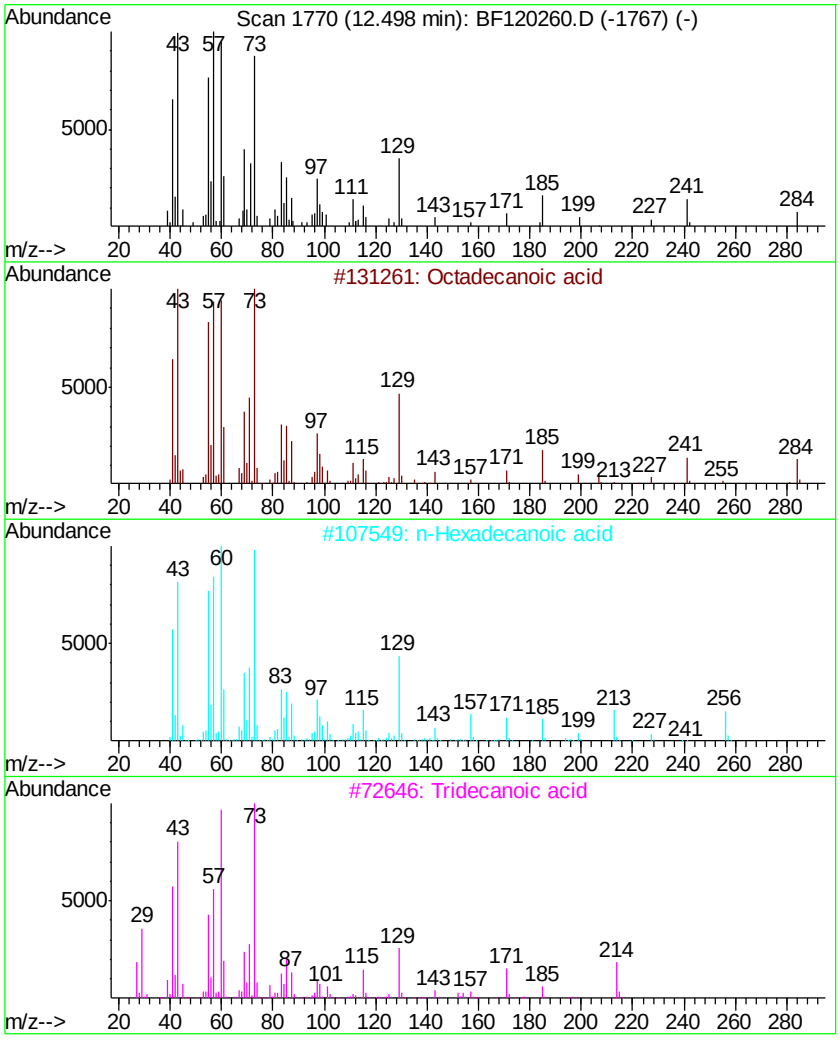
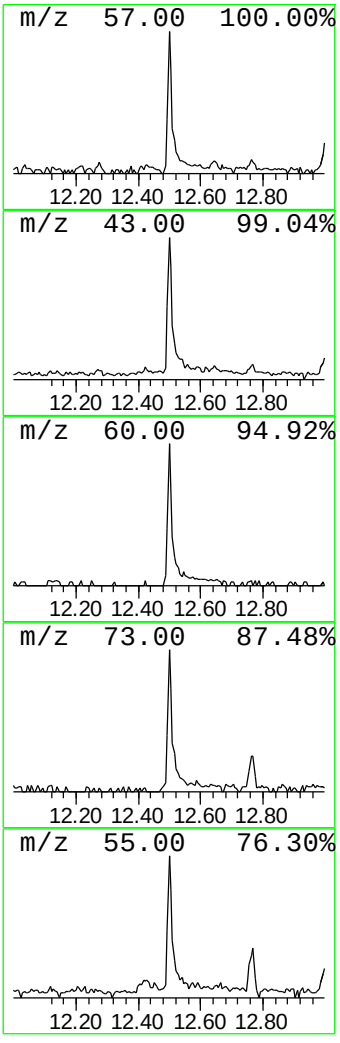
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.63 ng	166438	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	Maltose	342	C12H22O11	000069-79-4	43





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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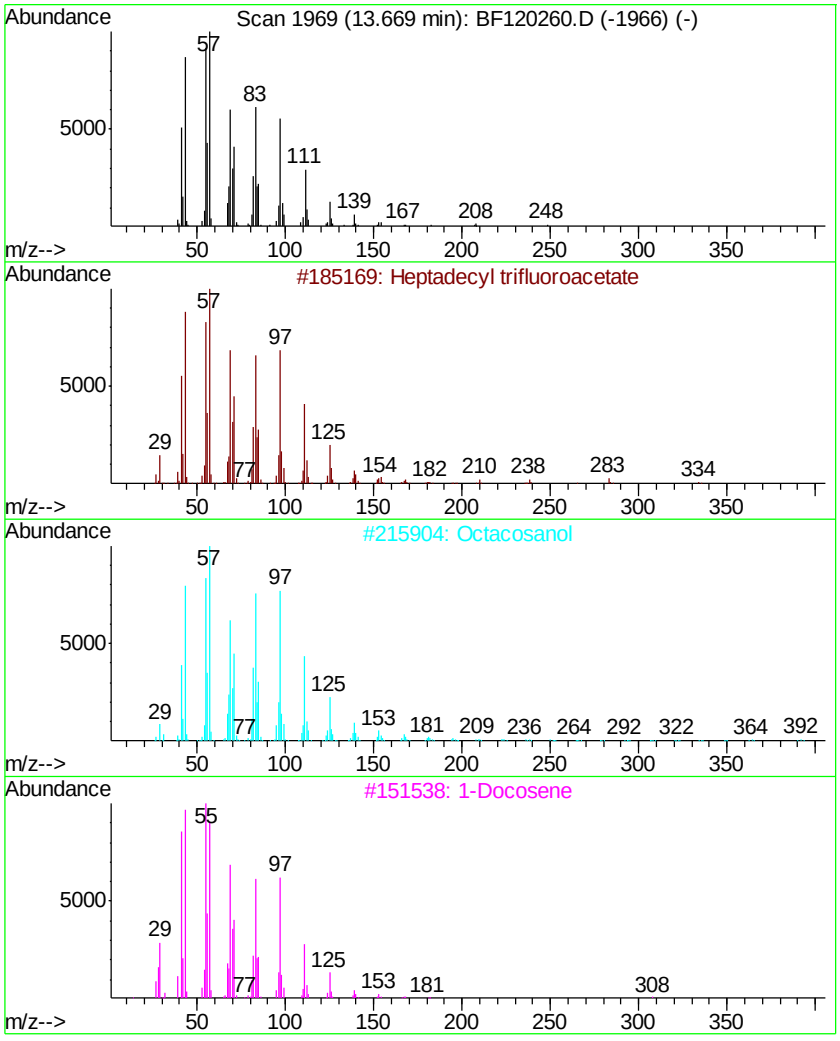
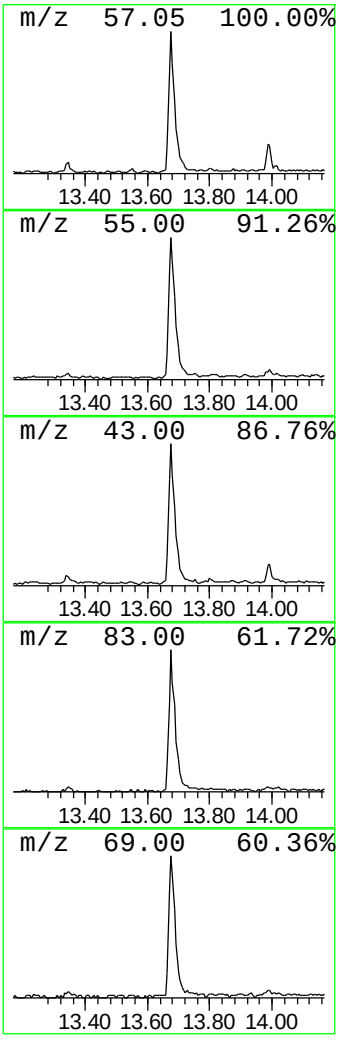
Peak Number 8 Heptadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	8.03 ng	507870	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2	Octacosanol	410	C28H58O	000557-61-9	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





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
n-Propyl acetate	2.42	11.2	ng	449241	1	6.65	800852	20.0
Propanoic acid, 2...	4.16	2.0	ng	80498	1	6.65	800852	20.0
Propanoic acid, p...	4.38	3.5	ng	138187	1	6.65	800852	20.0
Butanoic acid, 1-...	4.85	3.9	ng	153992	1	6.65	800852	20.0
n-Hexadecanoic acid	11.72	5.3	ng	361576	4	11.17	1355490	20.0
Octadecanoic acid	12.50	2.6	ng	166438	5	13.81	1265410	20.0
Heptadecyl triflu...	13.67	8.0	ng	507870	5	13.81	1265410	20.0