LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
Data File : BF120153.D
Acq On : 23 Apr 2020 5:12
Operator : MA/SJ
Sample : L2286-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 55-ST-27

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	4.851	466	470	476	rVB	245058	242327	4.37%	0.903%
2	5.281	540	543	558	rVB	761925	662001	11.93%	2.466%
3	6.310	714	718	728	rBV	438076	426388	7.69%	1.588%
4	6.504	748	751	762	rVB	209975	197301	3.56%	0.735%
5	6.675	776	780	783	rBV	902165	779313	14.05%	2.903%
6	6.828	802	806	810	rBV	3299510	3264345	58.84%	12.160%
7	7.239	871	876	879	rBV	2598726	2938181	52.96%	10.945%
8	7.957	994	998	1002	rBV	1112830	1009942	18.20%	3.762%
9	9.039	1176	1182	1185	rBV	5032603	4953758	89.29%	18.453%
10	9.433	1244	1249	1252	rBV	724239	562839	10.15%	2.097%
11	9.710	1289	1296	1300	rBV	1220546	1176548	21.21%	4.383%
12	10.498	1426	1430	1436	rBV	650340	556214	10.03%	2.072%
13	11.198	1544	1549	1552	rBV	1436350	1206443	21.75%	4.494%
14	12.792	1811	1820	1823	rBV	5542029	5547875	100.00%	20.666%
15	13.274	1898	1902	1905	rVB	108986	100468	1.81%	0.374%
16	13.692	1970	1973	1993	rBV2	246208	611060	11.01%	2.276%
17	13.833	1993	1997	2001	rVB	1305368	1154755	20.81%	4.302%
18	14.315	2074	2079	2083	rBV	62002	61961	1.12%	0.231%
19	14.615	2125	2130	2136	rBV	81229	84005	1.51%	0.313%
20	14.927	2179	2183	2188	rVB	91776	90406	1.63%	0.337%
21	15.239	2231	2236	2240	rBV	823403	964477	17.38%	3.593%
22	15.280	2240	2243	2251	rVB	79496	96621	1.74%	0.360%
23	15.680	2305	2311	2317	rBV	63164	94229	1.70%	0.351%
24	16.145	2385	2390	2402	rVB3	35390	63372	1.14%	0.236%

Sum of corrected areas: 26844829

LSC Report - Integrated Chromatogram

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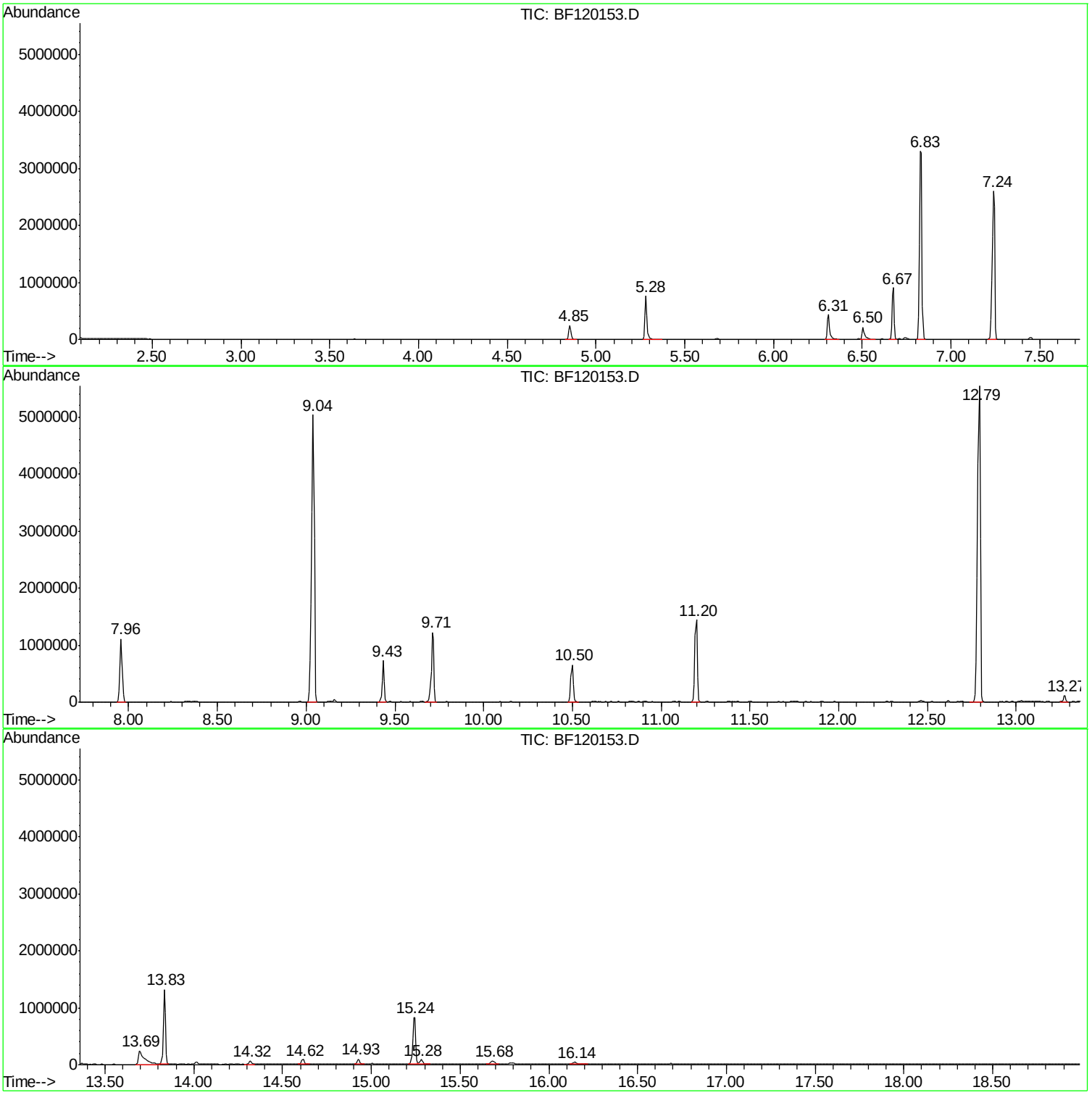
Instrument : BNA_F
ClientSampleId : 55-ST-27

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
Data File : BF120153.D
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Operator : MA/SJ
Sample : L2286-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 55-ST-27

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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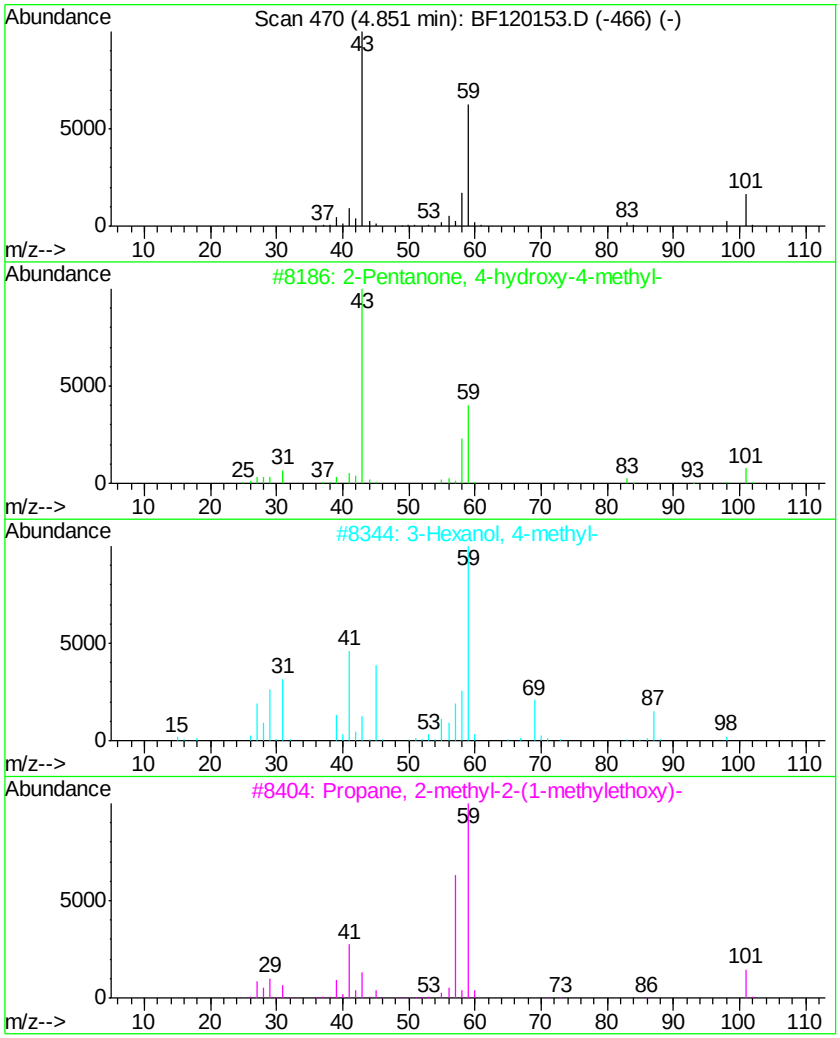
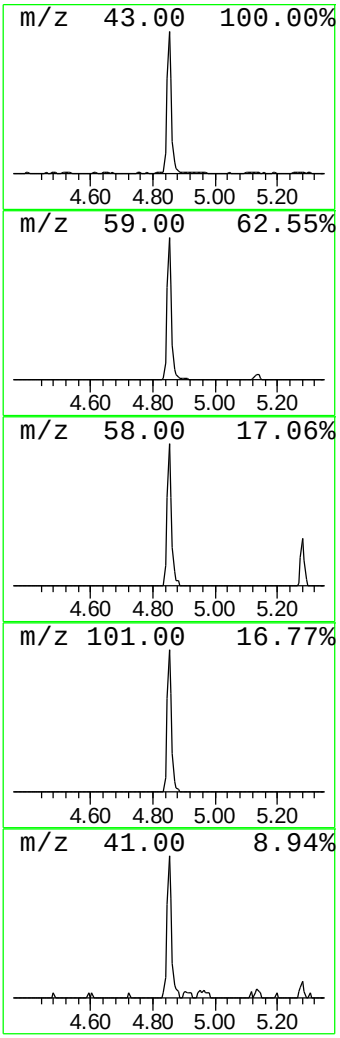
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	6.22 ng	242327	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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ClientSampleId : 55-ST-27

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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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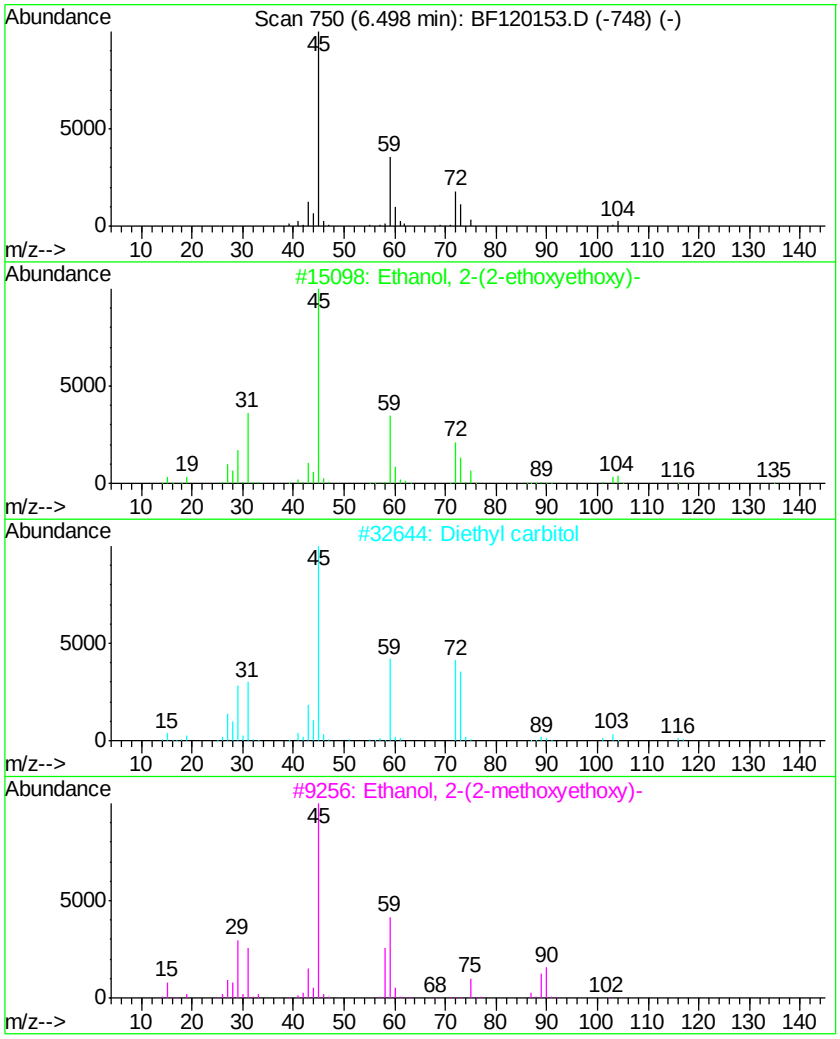
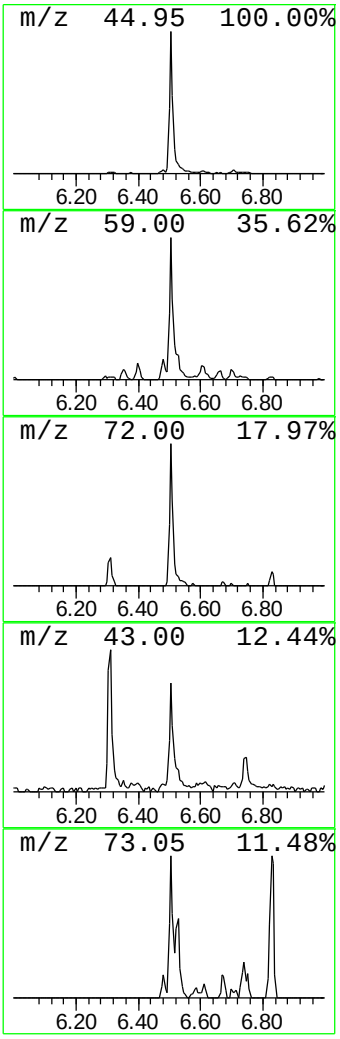
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	5.06 ng	197301	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
4	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	38
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38





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

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TIC Integration Parameters: LSCINT.P

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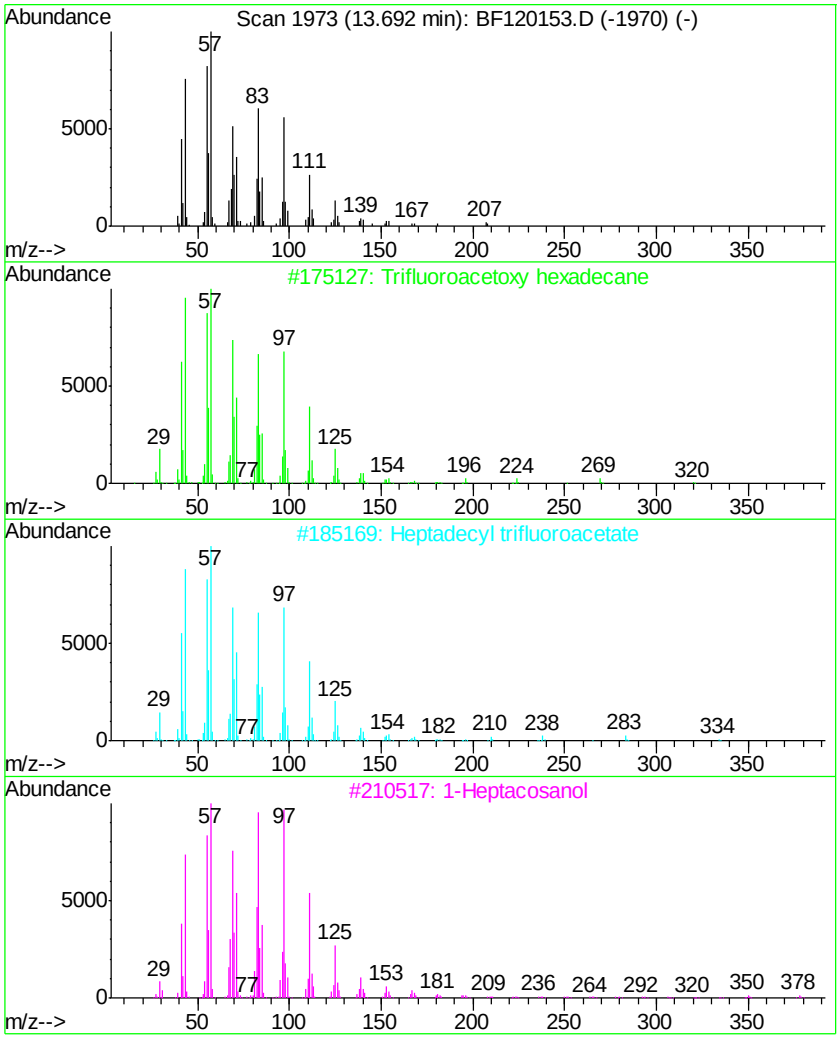
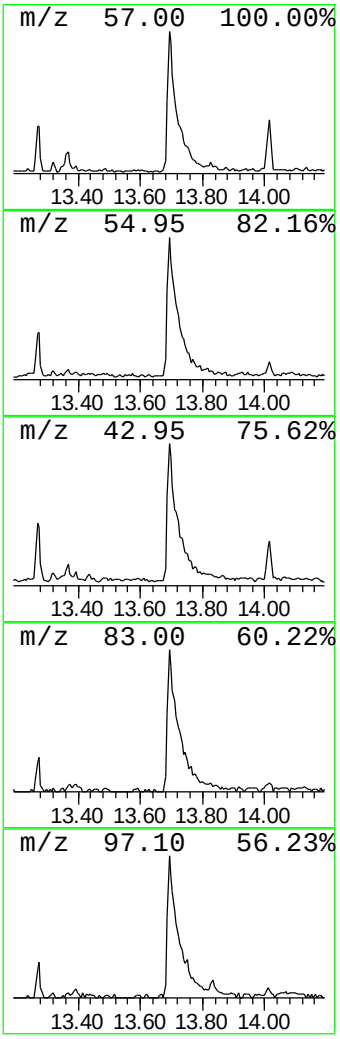
Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	10.58 ng	611060	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.85	6.2	ng	242327	1	6.67	779313	20.0
Ethanol, 2-(2-eth...	6.50	5.1	ng	197301	1	6.67	779313	20.0
Trifluoroacetoxy ...	13.69	10.6	ng	611060	5	13.83	1154760	20.0