LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121892.D
Acq On : 8 Oct 2020 16:46
Operator : JU/CG
Sample : L4309-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWLS-HEAD-BH-04-B

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	4.310	374	378	404	rBV	505636	646492	29.20%	3.967%
2	4.951	483	487	506	rBV	197558	250881	11.33%	1.539%
3	5.381	556	560	581	rBV	1260487	1393223	62.94%	8.549%
4	6.398	730	733	758	rBV	1477756	1622972	73.31%	9.959%
5	6.757	791	794	803	rBV	753908	582001	26.29%	3.571%
6	7.322	886	890	910	rBV	1255039	1187209	53.63%	7.285%
7	8.039	1009	1012	1033	rBV	765518	781156	35.29%	4.793%
8	9.116	1191	1195	1207	rBV	2304410	2100909	94.90%	12.891%
9	9.516	1259	1263	1275	rBV	111455	114260	5.16%	0.701%
10	9.792	1307	1310	1327	rVB	990461	914399	41.31%	5.611%
11	10.586	1441	1445	1462	rBV	898041	862054	38.94%	5.290%
12	11.280	1559	1563	1572	rBV	1036553	954480	43.12%	5.857%
13	12.492	1766	1769	1774	rBV	97717	86602	3.91%	0.531%
14	12.721	1803	1808	1813	rVB	86189	87979	3.97%	0.540%
15	12.863	1828	1832	1836	rBV	2326778	2213698	100.00%	13.584%
16	13.774	1983	1987	2002	rBV	179920	379138	17.13%	2.326%
17	13.921	2006	2012	2015	rBV	841774	805542	36.39%	4.943%
18	14.386	2087	2091	2093	rBV2	22751	25543	1.15%	0.157%
19	14.680	2138	2141	2145	rBV	34754	36195	1.64%	0.222%
20	14.951	2183	2187	2189	rBV	47466	67434	3.05%	0.414%
21	15.004	2193	2196	2201	rVB	46366	54271	2.45%	0.333%
22	15.239	2233	2236	2241	rVB	30570	39512	1.78%	0.242%
23	15.298	2243	2246	2251	rVV	43932	59462	2.69%	0.365%
24	15.362	2252	2257	2268	rVB	609402	828070	37.41%	5.081%
25	15.786	2325	2329	2334	rVB	47849	69643	3.15%	0.427%
26	15.886	2340	2346	2347	rBV5	24983	46993	2.12%	0.288%
27	16.262	2406	2410	2415	rVB	30537	48795	2.20%	0.299%
28	16.780	2494	2498	2503	rBV2	21088	38009	1.72%	0.233%

Sum of corrected areas: 16296922

LSC Report - Integrated Chromatogram

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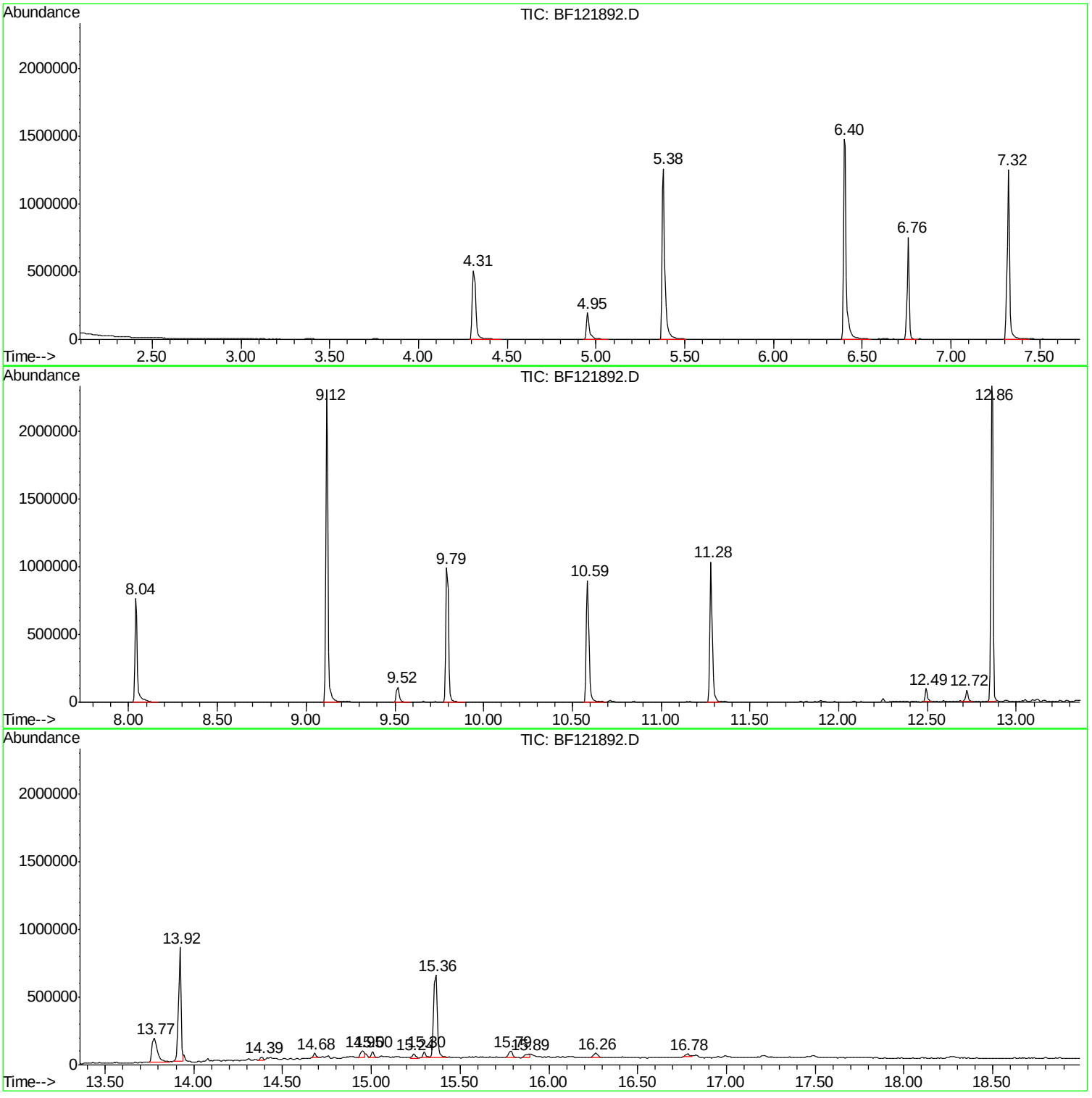
Instrument : BNA_F
ClientSampleId : OWLS-HEAD-BH-04-B

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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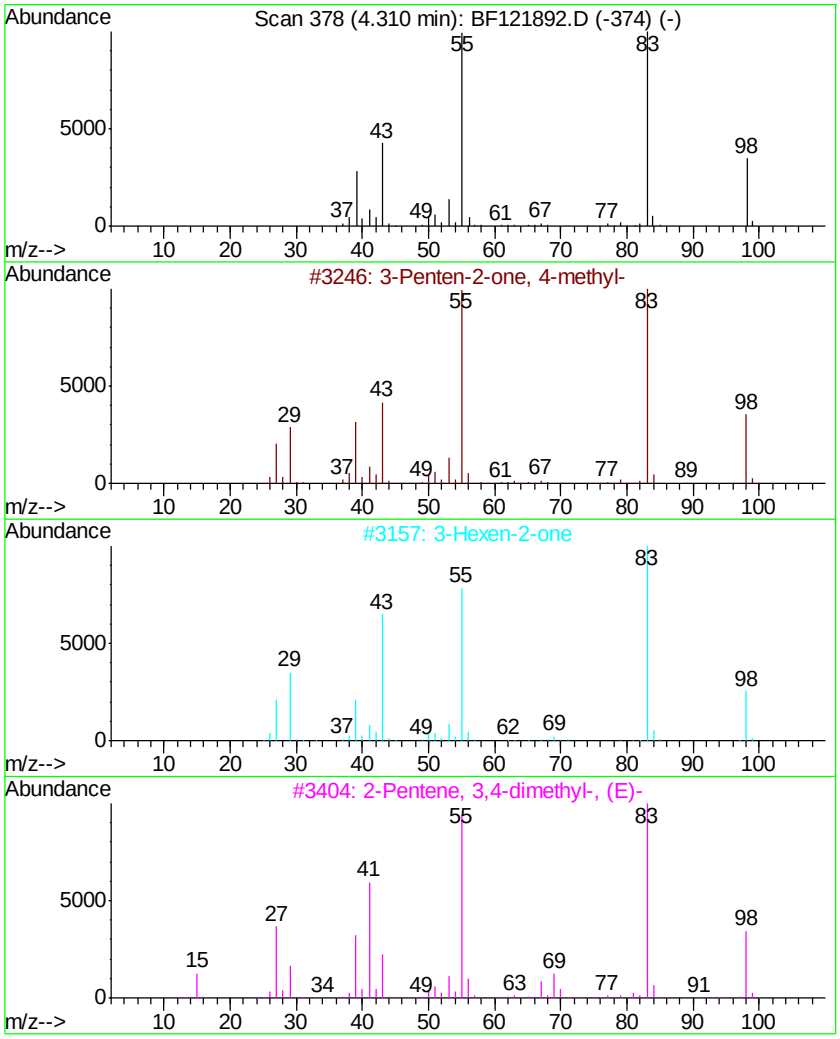
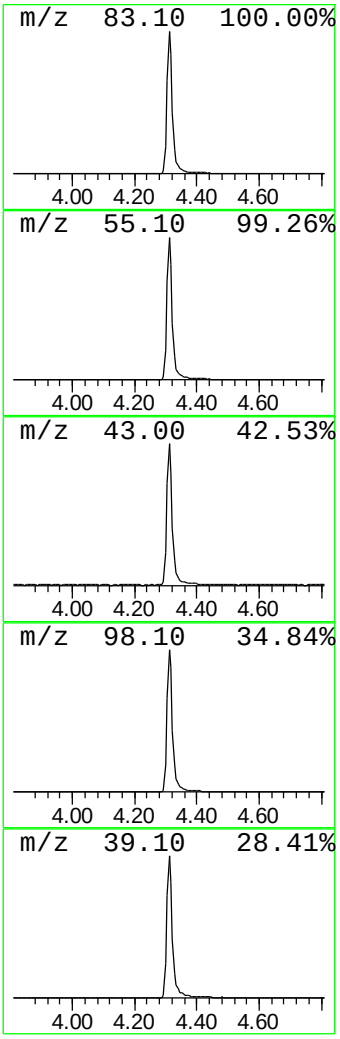
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	22.22 ng	646492	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86





Library Search Compound Report

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Data File : BF121892.D
Acq On : 8 Oct 2020 16:46
Operator : JU/CG
Sample : L4309-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWLS-HEAD-BH-04-B

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

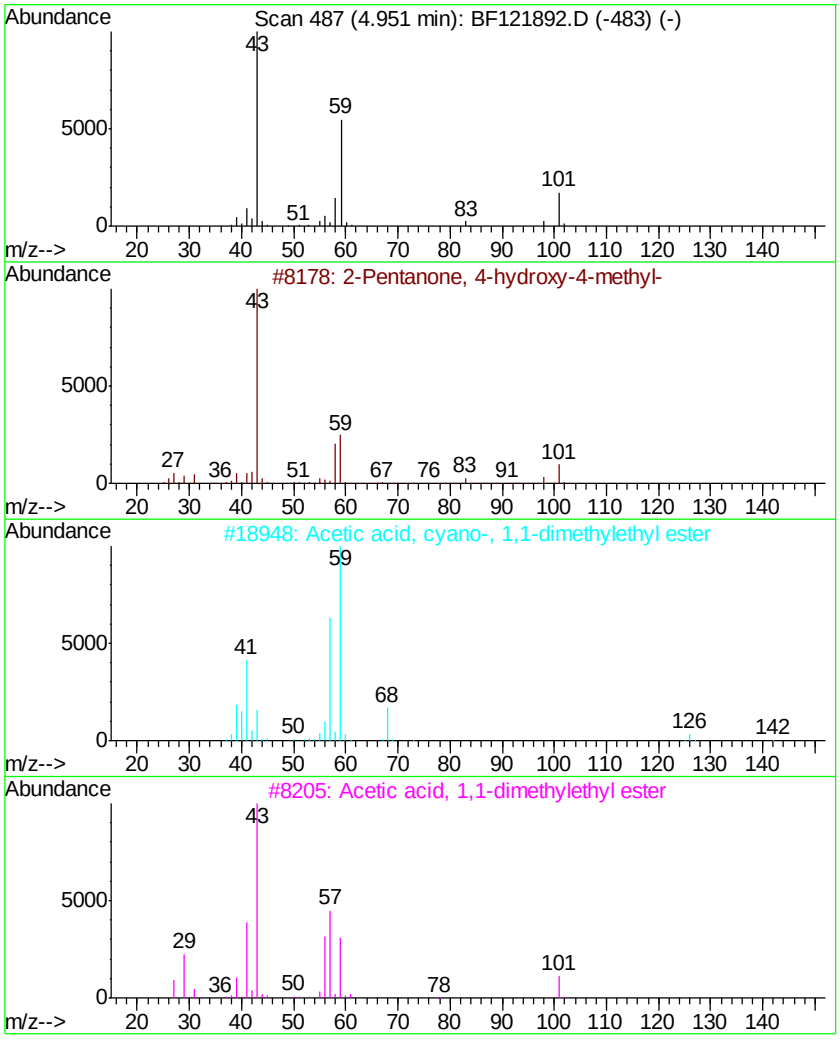
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

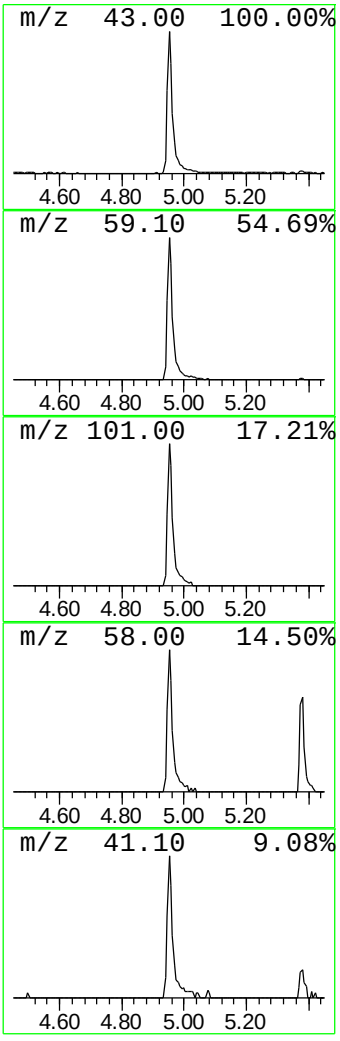
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	8.62 ng	250881	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : JU/CG
Sample : L4309-04
Misc :
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Instrument : BNA_F
ClientSampleId : OWLS-HEAD-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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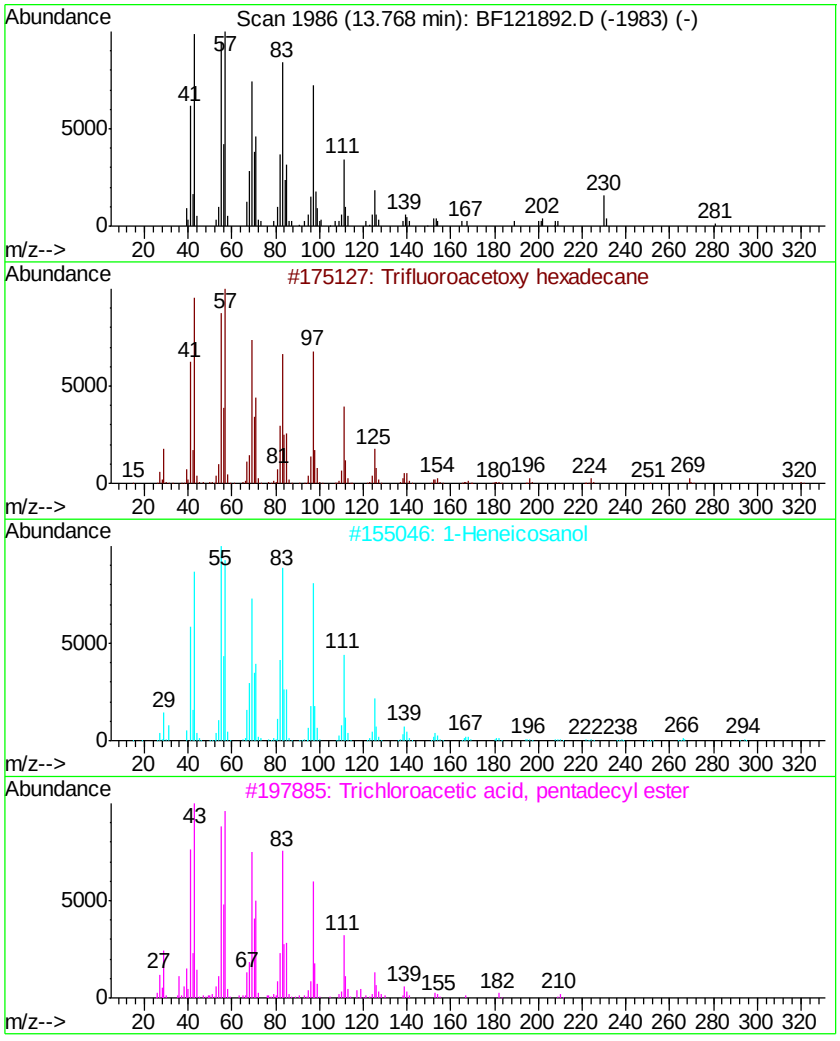
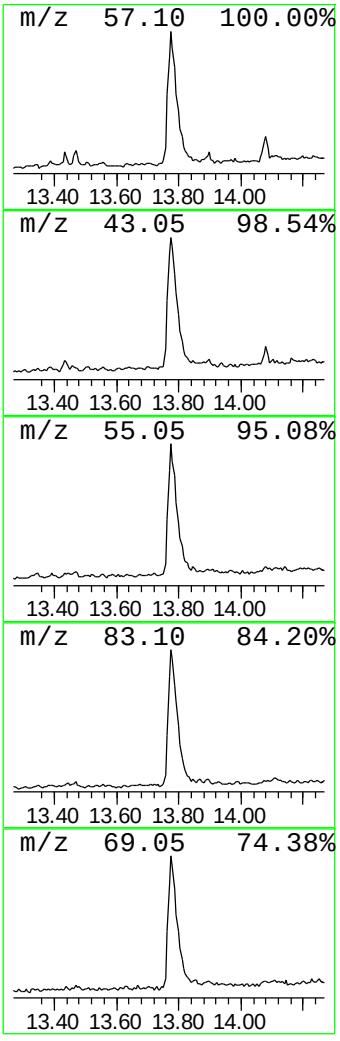
Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	9.41 ng	379138	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





Tentatively Identified Compound (LSC) summary

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Acq On : 8 Oct 2020 16:46
Operator : JU/CG
Sample : L4309-04
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Instrument : BNA_F
ClientSampleId : OWLS-HEAD-BH-04-B

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.31	22.2	ng	646492	1	6.76	582001	20.0
2-Pentanone, 4-hy...	4.95	8.6	ng	250881	1	6.76	582001	20.0
Trifluoroacetoxy ...	13.77	9.4	ng	379138	5	13.92	805542	20.0