LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121308.D
Acq On : 17 Aug 2020 14:14
Operator : JU/CG
Sample : L3691-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S706-N-SO-0-0.5-081320

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-BF081320.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	4.881	472	475	485	rBV	24890	32238	1.29%	0.180%
2	5.304	543	547	564	rBV	1720943	1673868	66.92%	9.372%
3	6.345	720	724	739	rBV	1765011	1713179	68.49%	9.592%
4	6.539	754	757	772	rBV	48965	56845	2.27%	0.318%
5	6.704	781	785	789	rBV	566214	457825	18.30%	2.563%
6	7.269	877	881	884	rBV	1373026	1143583	45.72%	6.403%
7	7.986	1000	1003	1011	rBV	790336	599477	23.97%	3.356%
8	9.063	1182	1186	1189	rBV	2455934	2080662	83.19%	11.649%
9	9.457	1250	1253	1263	rBV	294715	261868	10.47%	1.466%
10	9.739	1297	1301	1305	rBV	878480	705703	28.21%	3.951%
11	10.527	1431	1435	1454	rBV	1574007	1423657	56.92%	7.971%
12	11.222	1549	1553	1555	rBV	955788	795495	31.80%	4.454%
13	11.245	1555	1557	1560	rVB	176203	133945	5.36%	0.750%
14	11.757	1641	1644	1648	rBV2	25188	28756	1.15%	0.161%
15	11.833	1653	1657	1660	rBV	27829	26308	1.05%	0.147%
16	12.345	1741	1744	1750	rVB2	37753	38741	1.55%	0.217%
17	12.427	1755	1758	1762	rBV	315063	266914	10.67%	1.494%
18	12.657	1790	1797	1800	rBV	264612	268476	10.73%	1.503%
19	12.810	1818	1823	1826	rVB	2576617	2501189	100.00%	14.004%
20	12.986	1850	1853	1856	rVB	31705	29275	1.17%	0.164%
21	13.051	1856	1864	1867	rBV2	26639	36241	1.45%	0.203%
22	13.604	1955	1958	1961	rBV2	27219	27029	1.08%	0.151%
23	13.710	1972	1976	1991	rVB2	195447	317445	12.69%	1.777%
24	13.857	1993	2001	2003	rBV2	972712	1055894	42.22%	5.912%
25	13.880	2003	2005	2008	rVB	139209	107350	4.29%	0.601%
26	13.957	2013	2018	2021	rBV2	27621	27847	1.11%	0.156%
27	14.027	2027	2030	2032	rBV	32335	28021	1.12%	0.157%
28	14.333	2076	2082	2084	rBV4	67079	79787	3.19%	0.447%
29	14.627	2128	2132	2135	rBV	72693	68292	2.73%	0.382%
30	14.862	2169	2172	2176	rBV	128198	197098	7.88%	1.104%
31	14.945	2182	2186	2188	rBV	89954	97603	3.90%	0.546%
32	15.151	2217	2221	2226	rVB	68754	84150	3.36%	0.471%
33	15.204	2227	2230	2235	rVB	100635	110061	4.40%	0.616%
34	15.268	2235	2241	2244	rBV	733880	871945	34.86%	4.882%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S706-N-SO-0-0.5-081320

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-BF081320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.292	2244	2245	2252	rVB	99992	106710	4.27%	0.597%
36	15.698	2309	2314	2320	rBV	71812	107004	4.28%	0.599%
37	15.762	2321	2325	2331	rBV8	19709	49310	1.97%	0.276%
38	16.162	2388	2393	2400	rBV3	35668	64578	2.58%	0.362%
39	16.621	2466	2471	2479	rVB2	44488	81813	3.27%	0.458%
40	16.704	2480	2485	2491	rVB2	21724	42618	1.70%	0.239%
41	17.027	2536	2540	2547	rVB	31256	61784	2.47%	0.346%

Sum of corrected areas: 17860584

LSC Report - Integrated Chromatogram

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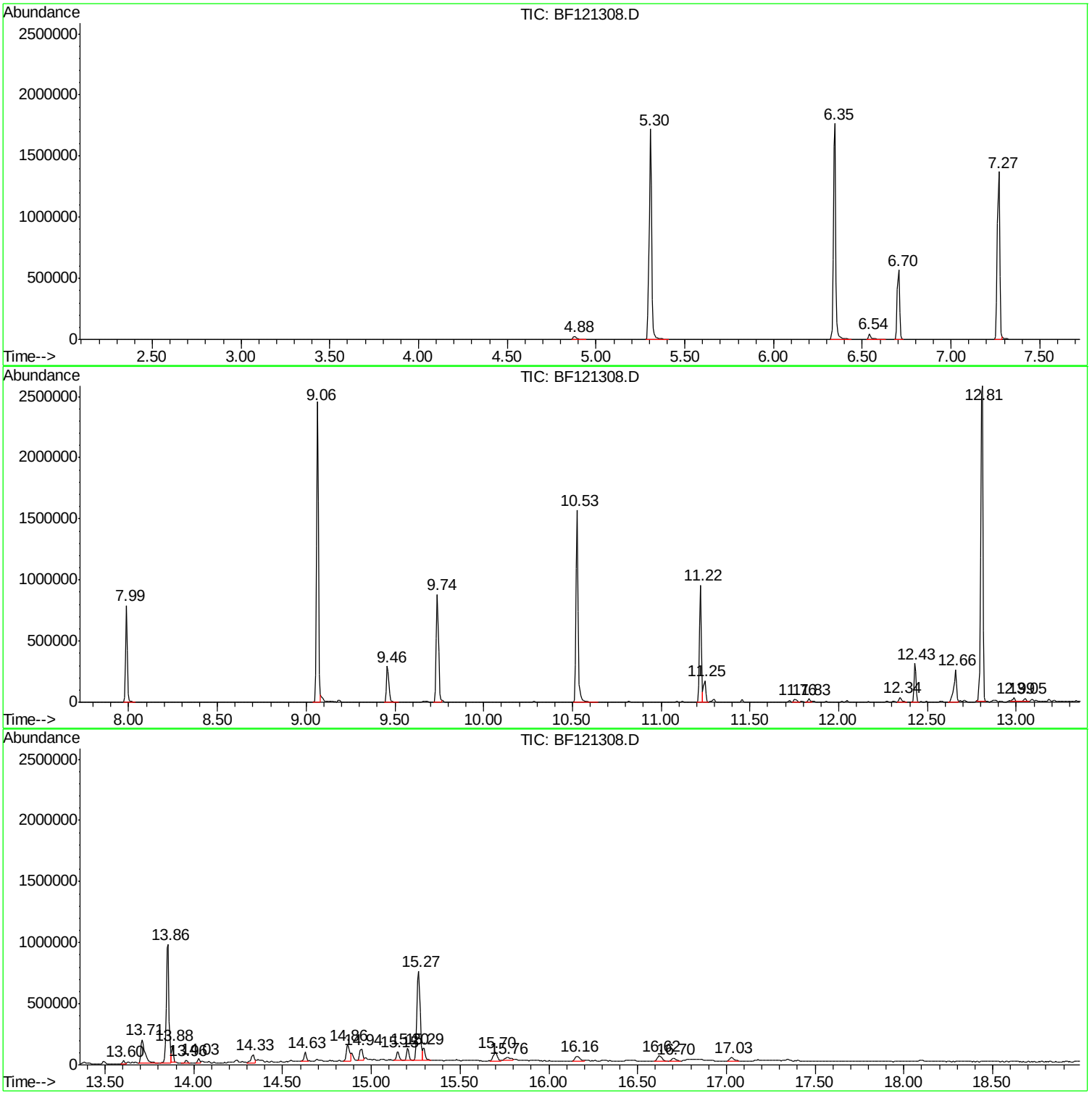
Sample : L3691-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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

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Data File : BF121308.D
Acq On : 17 Aug 2020 14:14
Operator : JU/CG
Sample : L3691-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S706-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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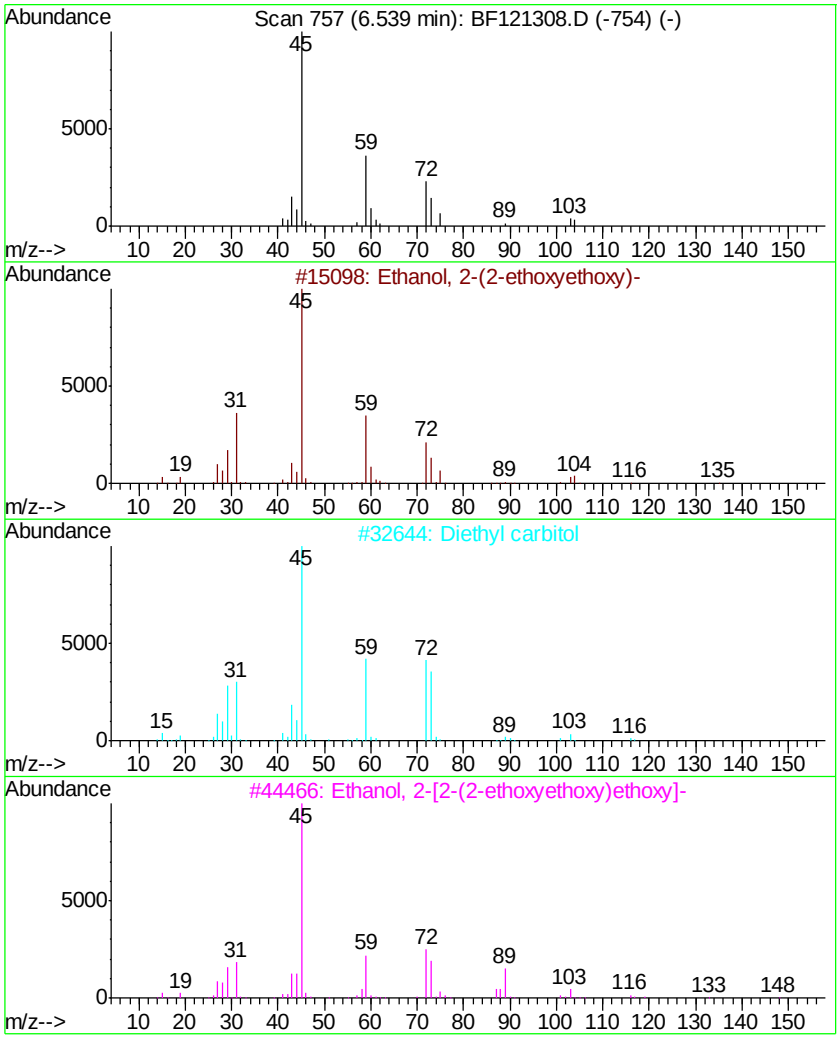
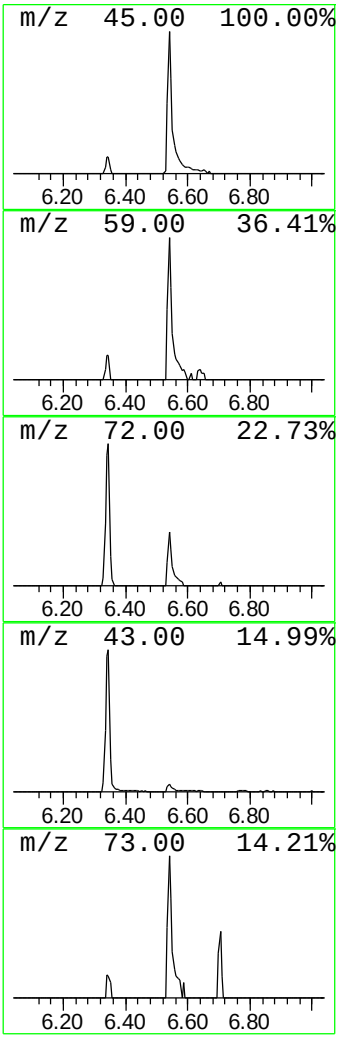
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	2.48 ng	56845	1,4-Dichlorobenzene-d4	6.70

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-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S706-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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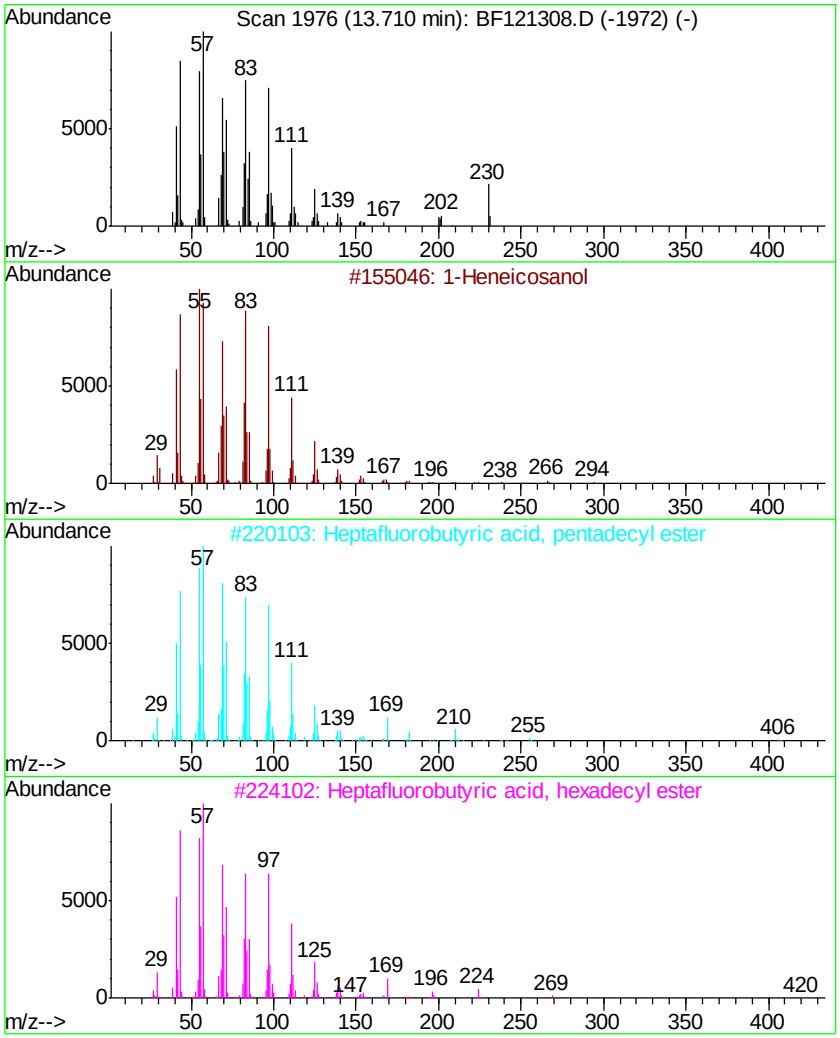
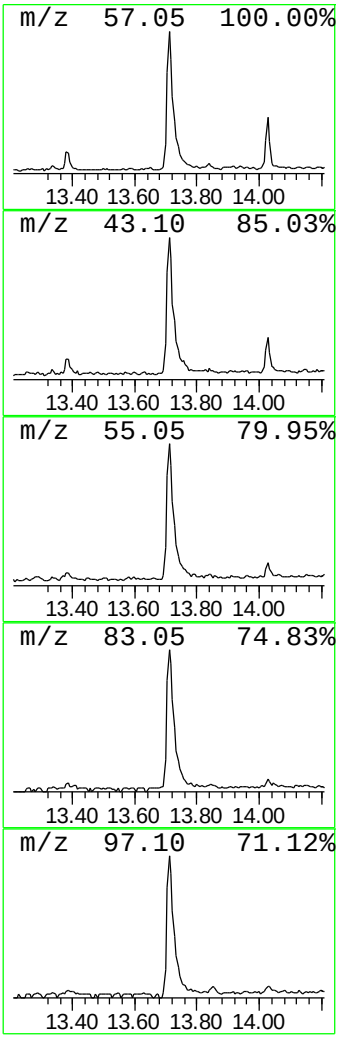
Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	6.01 ng	317445	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90





Library Search Compound Report

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Sample : L3691-11
Misc :
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Instrument : BNA_F
ClientSampleId : S706-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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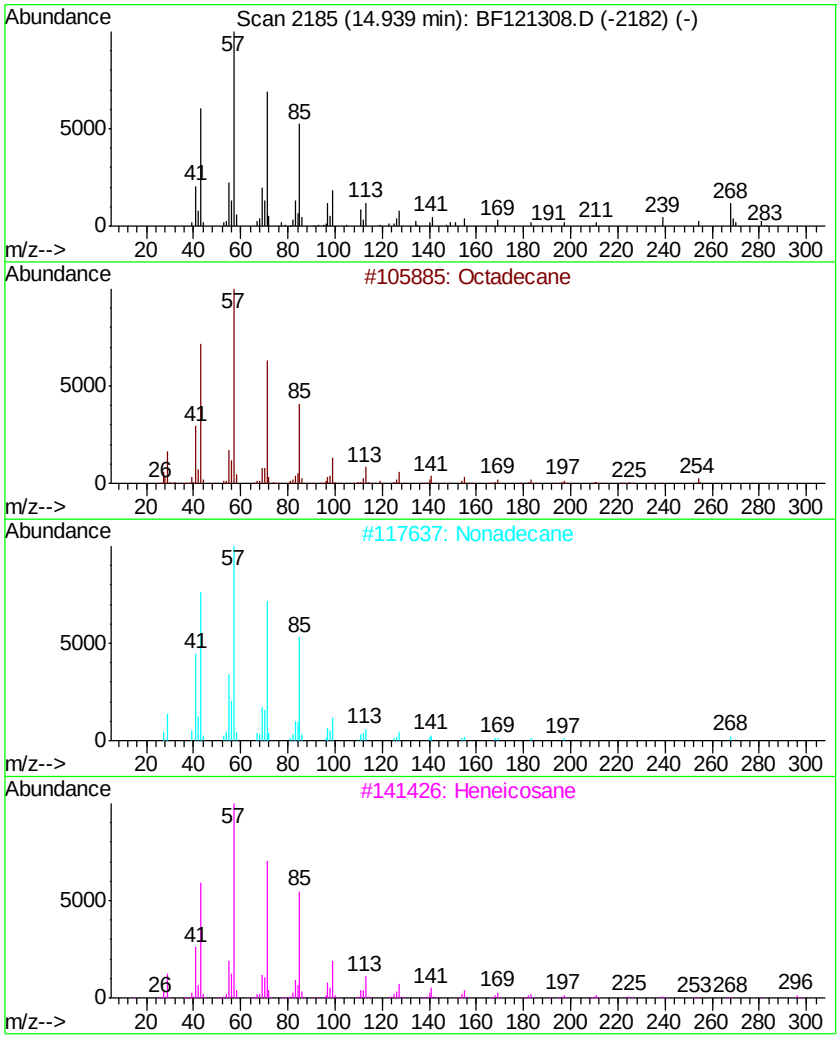
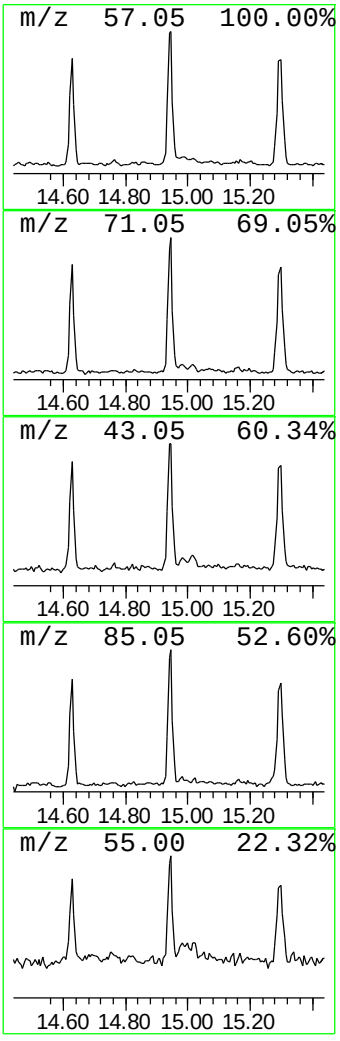
Peak Number 3 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.24 ng	97603	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Triacontane	422	C30H62	000638-68-6	91





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Sample : L3691-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S706-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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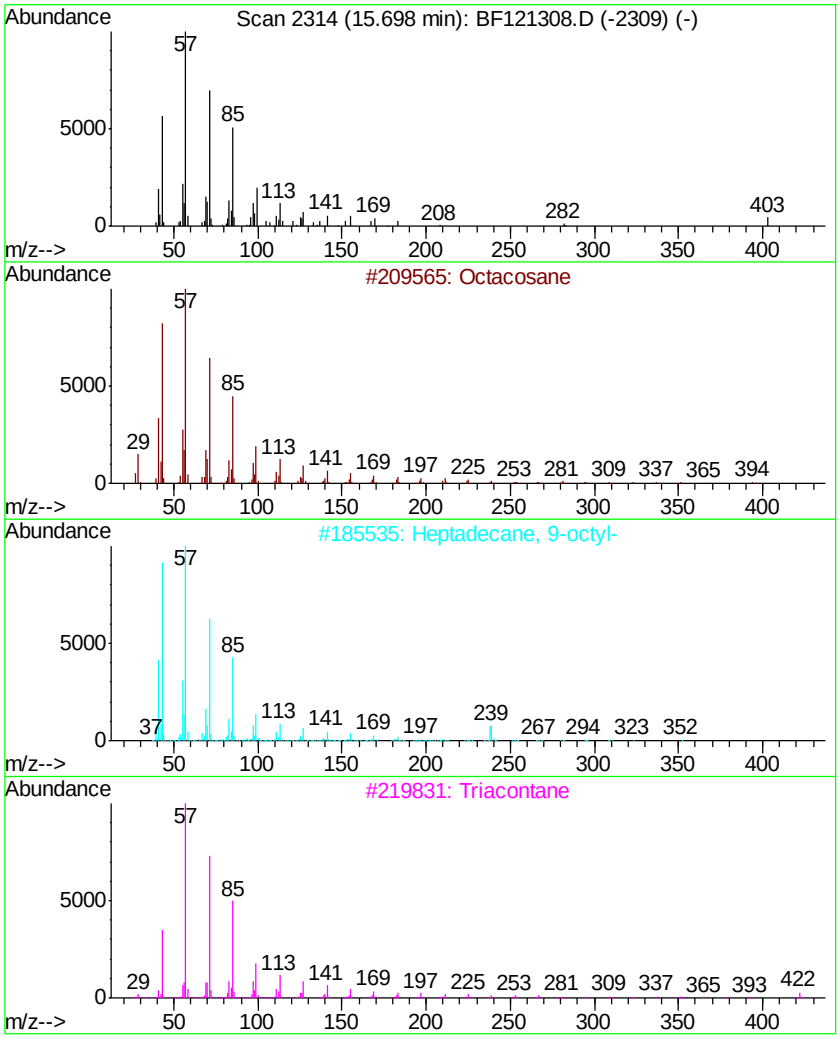
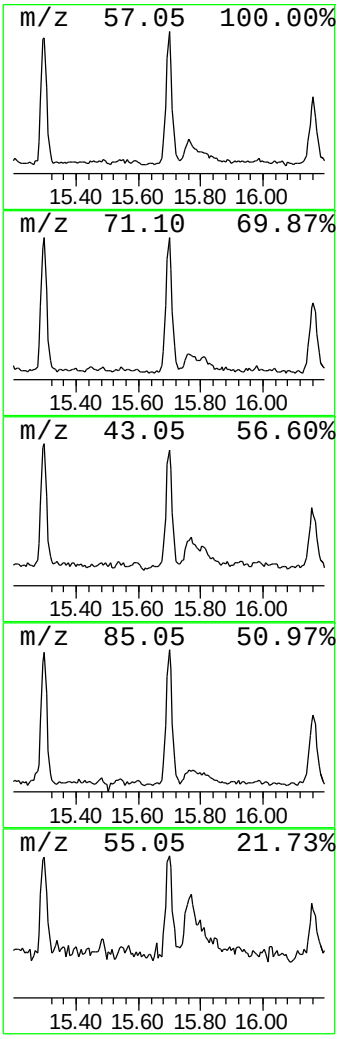
Peak Number 4 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.45 ng	107004	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081720\
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Acq On : 17 Aug 2020 14:14
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S706-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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
Ethanol, 2-(2-eth...	6.54	2.5	ng	56845	1	6.70	457825	20.0
1-Heneicosanol	13.71	6.0	ng	317445	5	13.86	1055890	20.0
Octadecane	14.94	2.2	ng	97603	6	15.27	871945	20.0
Octacosane	15.70	2.5	ng	107004	6	15.27	871945	20.0