LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118651.D
Acq On : 22 Jan 2020 00:04
Operator : CG/JU
Sample : L1004-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-012020

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-BF012020.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	2.199	10	19	25	rBV	2059713	2809878	28.44%	3.520%
2	5.110	504	514	521	rVB2	128674	194918	1.97%	0.244%
3	5.504	575	581	584	rBV	7655192	7941659	80.37%	9.950%
4	6.504	745	751	756	rBV	7513115	8436980	85.38%	10.570%
5	6.881	811	815	818	rBV	2687067	2464851	24.94%	3.088%
6	7.040	837	842	845	rVB	7152769	6964257	70.48%	8.725%
7	7.439	904	910	913	rBV	5213010	5401252	54.66%	6.767%
8	8.157	1028	1032	1036	rBV	3281403	3138029	31.76%	3.932%
9	9.239	1210	1216	1219	rBV	9679104	9881149	100.00%	12.380%
10	9.628	1278	1282	1285	rVB	1896125	1618808	16.38%	2.028%
11	9.916	1325	1331	1334	rBV	4405886	3641845	36.86%	4.563%
12	9.945	1334	1336	1340	rVB	135293	114805	1.16%	0.144%
13	10.116	1362	1365	1369	rBV	127459	111648	1.13%	0.140%
14	10.704	1459	1465	1468	rBV	6268545	5892700	59.64%	7.383%
15	10.798	1478	1481	1484	rBV	178341	142295	1.44%	0.178%
16	11.398	1579	1583	1586	rBV	3694117	3260762	33.00%	4.085%
17	11.422	1586	1587	1590	rVV	243904	145207	1.47%	0.182%
18	11.469	1590	1595	1598	rVB3	115249	137230	1.39%	0.172%
19	11.622	1618	1621	1627	rBV	278776	270586	2.74%	0.339%
20	11.922	1666	1672	1677	rBV2	537718	594205	6.01%	0.744%
21	12.180	1713	1716	1721	rBV2	128912	125710	1.27%	0.157%
22	12.610	1786	1789	1792	rBV	183390	172601	1.75%	0.216%
23	12.710	1803	1806	1809	rBV	147648	155446	1.57%	0.195%
24	12.839	1825	1828	1830	rVB	150543	127835	1.29%	0.160%
25	12.986	1848	1853	1856	rBV	8431850	8137342	82.35%	10.195%
26	13.874	2001	2004	2010	rBV	740459	833329	8.43%	1.044%
27	14.033	2027	2031	2035	rBV	3008660	2816821	28.51%	3.529%
28	14.204	2058	2060	2065	rVB	168992	142906	1.45%	0.179%
29	14.510	2109	2112	2115	rBV	281318	273197	2.76%	0.342%
30	14.815	2161	2164	2168	rVB	301910	323919	3.28%	0.406%
31	15.157	2219	2222	2226	rBV	355351	427040	4.32%	0.535%
32	15.510	2277	2282	2285	rBV	2059332	2679910	27.12%	3.358%
33	15.545	2285	2288	2295	rVB	326498	437489	4.43%	0.548%

LSC Area Percent Report

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Acq On : 22 Jan 2020 00:04
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
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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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

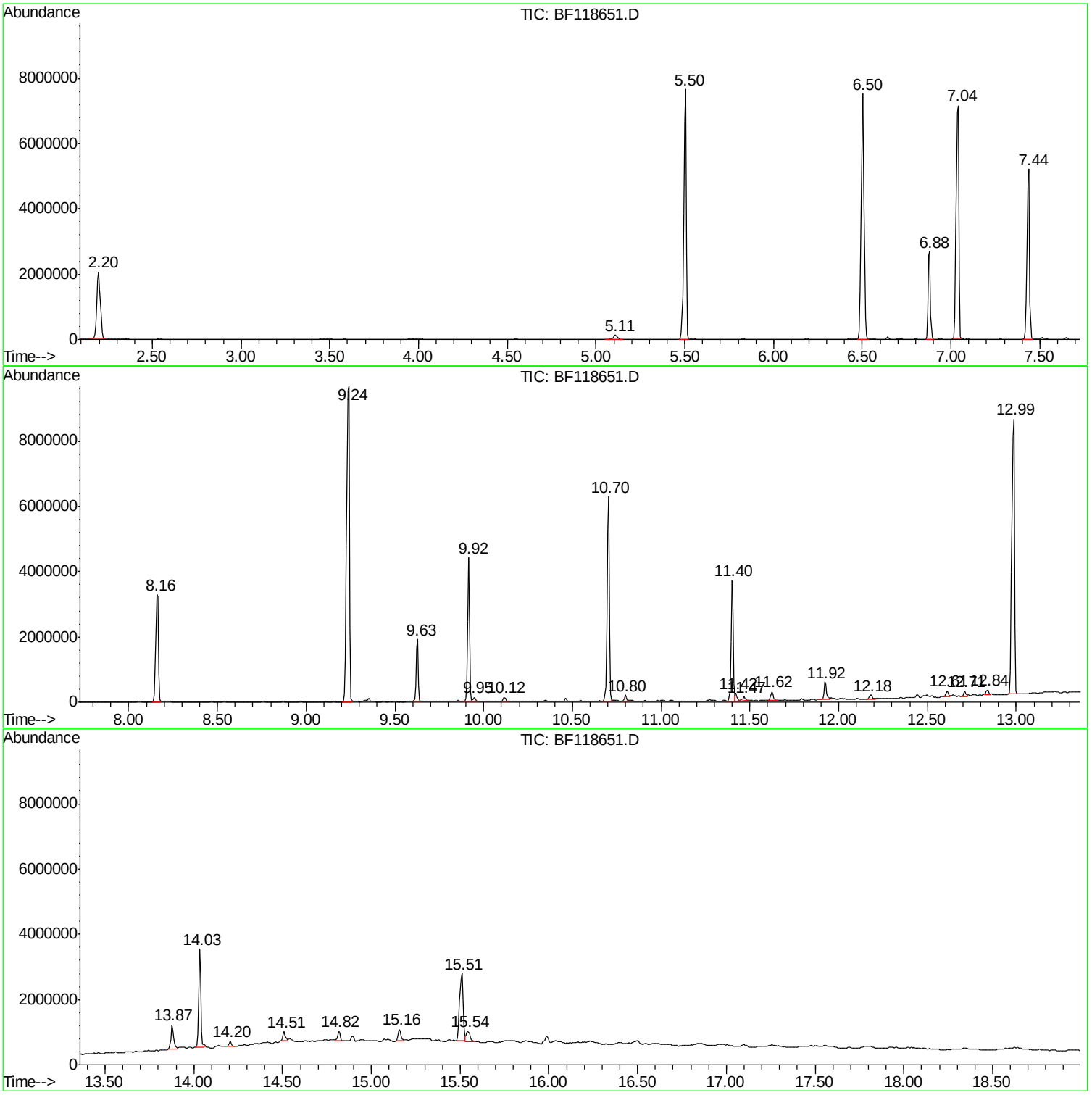
Sum of corrected areas: 79816609

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118651.D
Acq On : 22 Jan 2020 00:04
Operator : CG/JU
Sample : L1004-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-012020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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TIC Library : C:\DATABASE\NIST11.L
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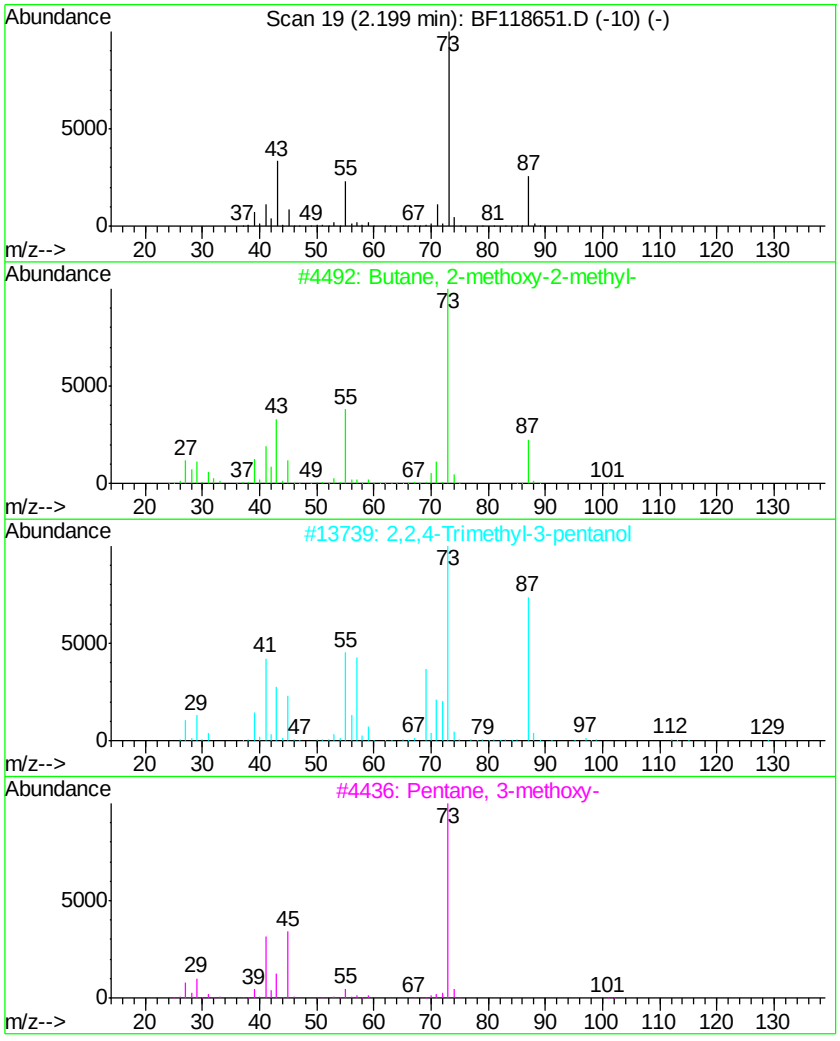
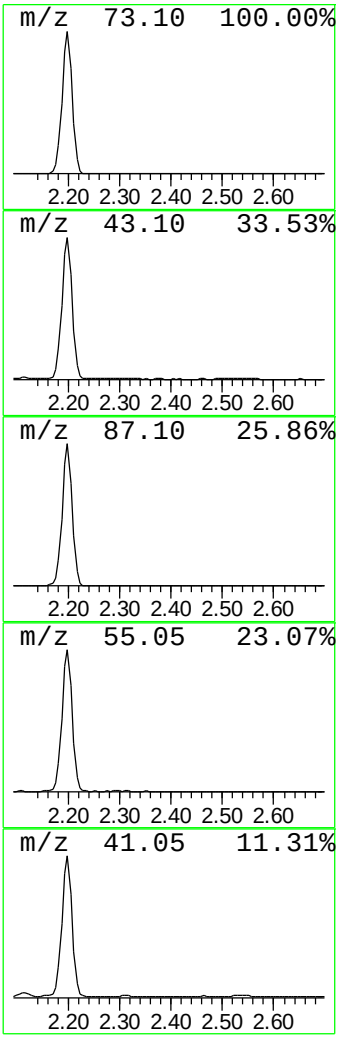
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	22.80 ng	2809880	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118651.D
Acq On : 22 Jan 2020 00:04
Operator : CG/JU
Sample : L1004-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-012020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

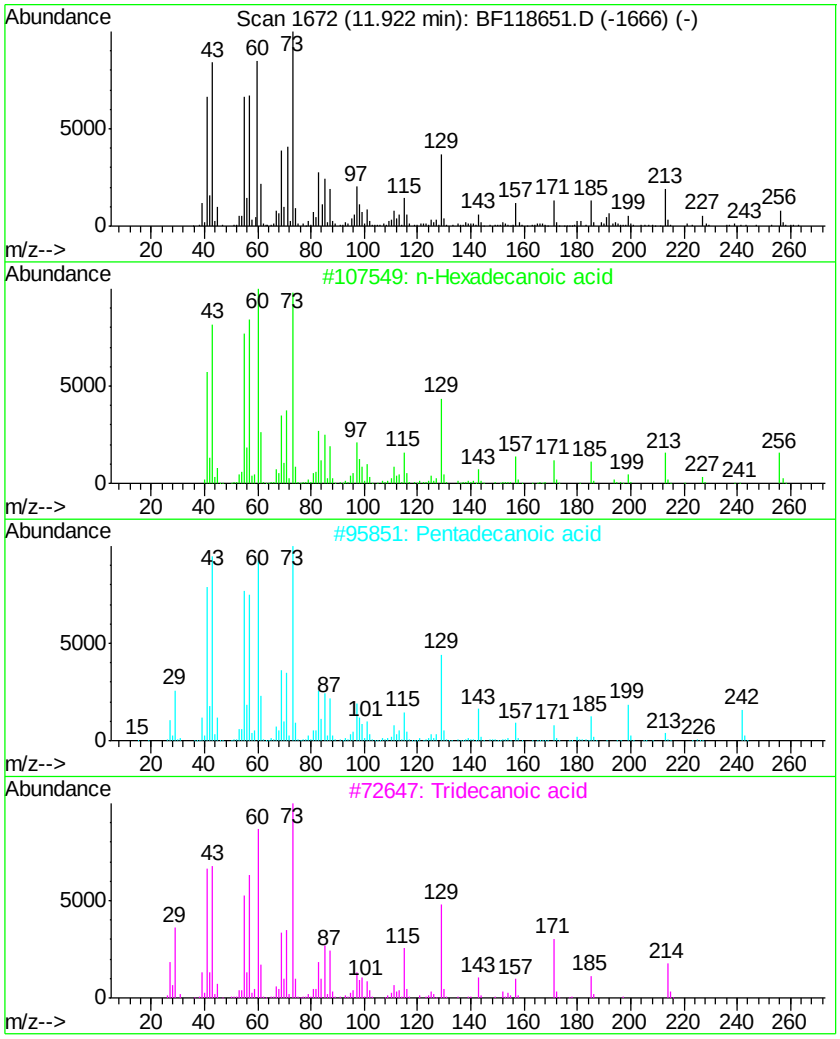
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

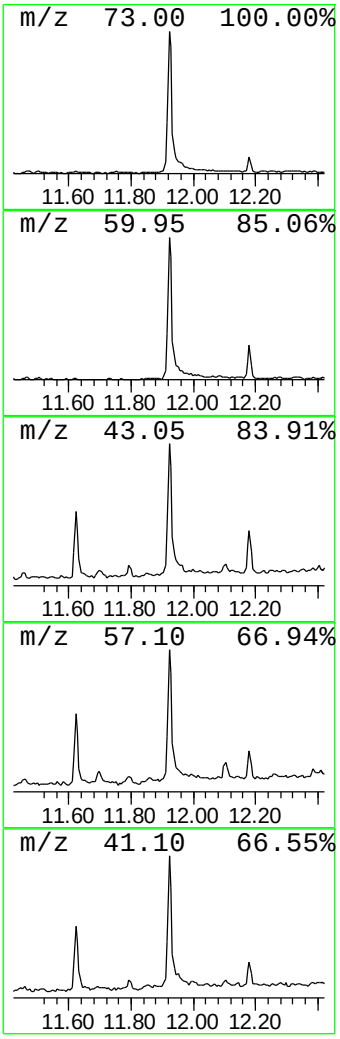
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.64 ng	594205	Phenanthrene-d10	11.40

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	30





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Operator : CG/JU
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-012020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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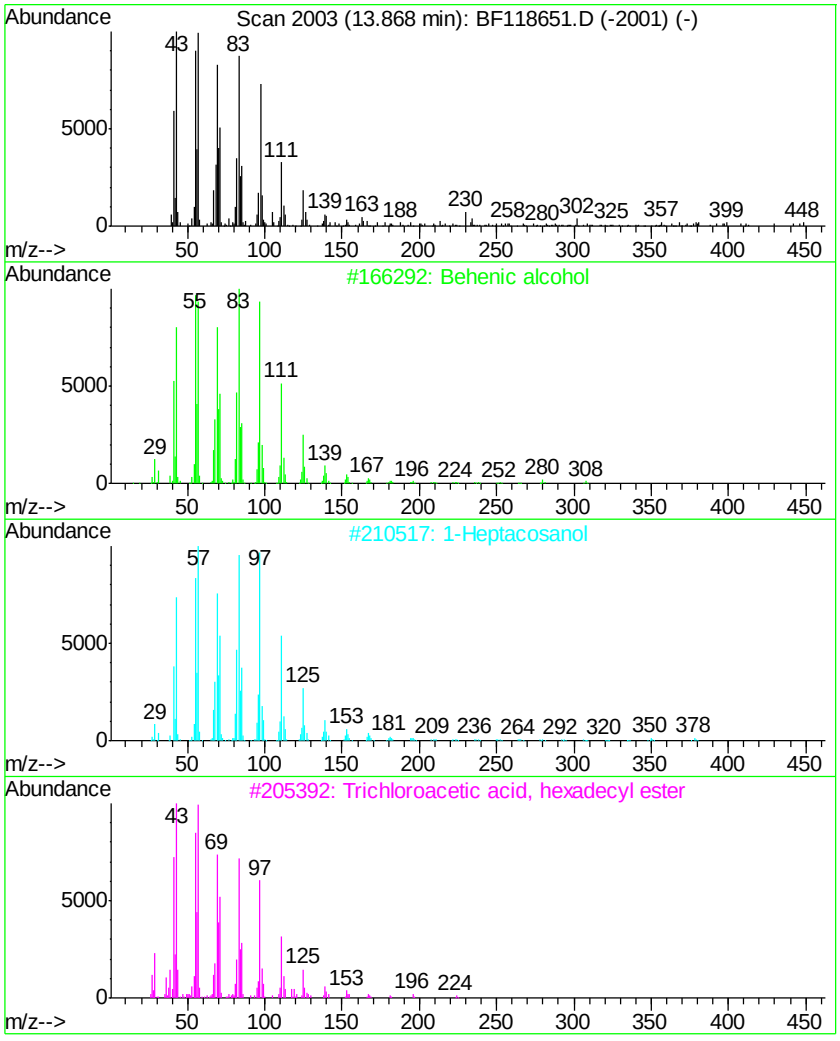
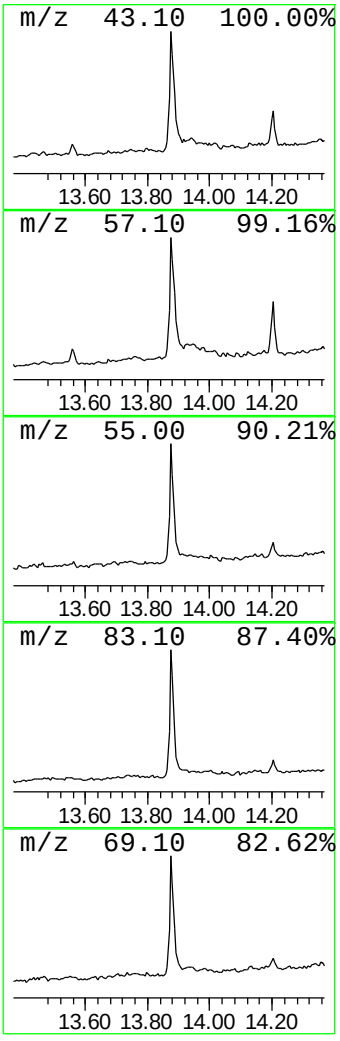
Peak Number 4 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.92 ng	833329	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
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Instrument : BNA_F
ClientSampleId : BU-03-012020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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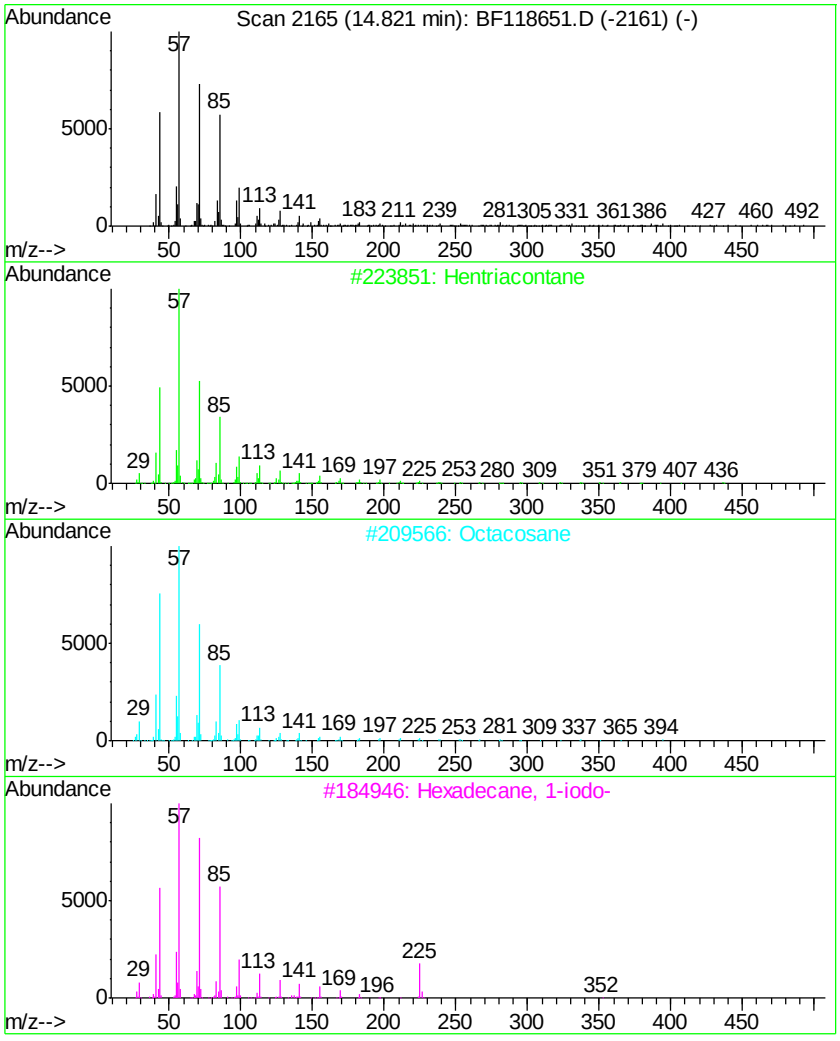
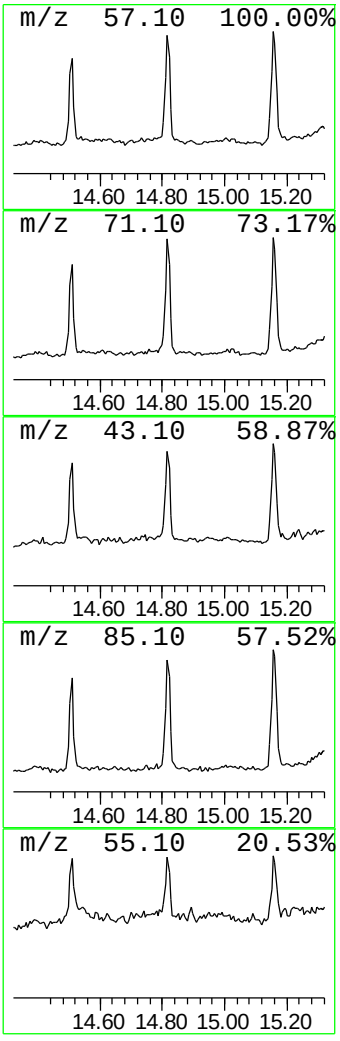
Peak Number 5 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.42 ng	323919	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	96
2	Octacosane	394	C28H58	000630-02-4	95
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5	Heptacosane	380	C27H56	000593-49-7	93





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-012020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

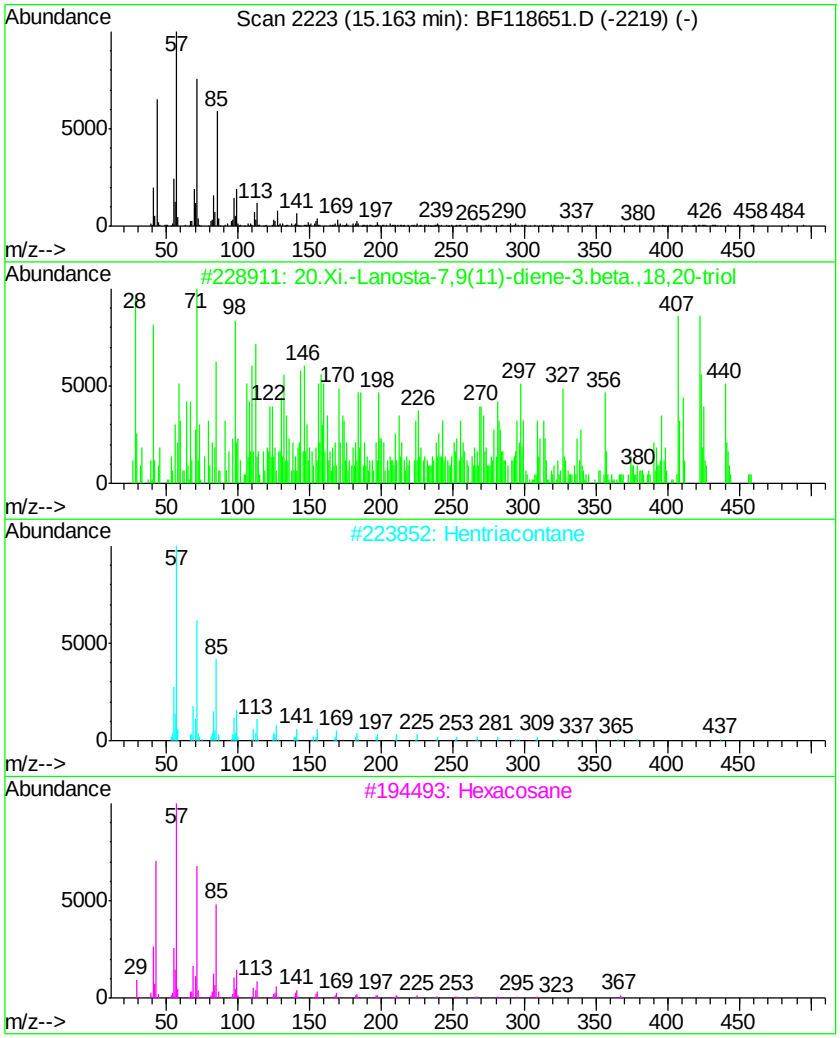
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

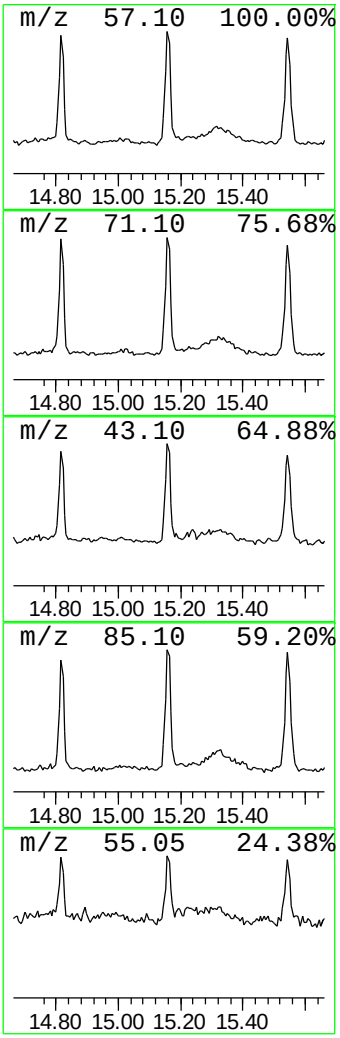
****

Peak Number 6 20.Xi.-Lanosta-7,9(11)-dien... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.19 ng	427040	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	95
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.20	22.8	ng	2809880	1	6.88	2464850	20.0
n-Hexadecanoic acid	11.92	3.6	ng	594205	4	11.40	3260760	20.0
Behenic alcohol	13.87	5.9	ng	833329	5	14.03	2816820	20.0
Hentriacontane	14.82	2.4	ng	323919	6	15.51	2679910	20.0
20.Xi.-Lanosta-7,...	15.16	3.2	ng	427040	6	15.51	2679910	20.0