LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120688.D
Acq On : 22 Jun 2020 21:05
Operator : JU/CG
Sample : L3082-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15

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-BF061020.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	5.404	560	564	568	rBV	2299135	2318947	68.69%	9.000%
2	6.434	734	739	742	rBV	2468086	2321008	68.76%	9.008%
3	6.798	797	801	804	rBV	791579	706060	20.92%	2.740%
4	6.951	823	827	831	rBV	2368781	2045126	60.58%	7.938%
5	7.357	892	896	899	rBV	1470657	1423445	42.17%	5.525%
6	8.081	1015	1019	1029	rBV	1068287	993828	29.44%	3.857%
7	9.157	1197	1202	1205	rBV	3702708	3375759	100.00%	13.102%
8	9.269	1216	1221	1229	rVB2	40550	47675	1.41%	0.185%
9	9.545	1265	1268	1276	rVB	262202	245604	7.28%	0.953%
10	9.833	1313	1317	1327	rVB	1390599	1160655	34.38%	4.505%
11	10.622	1447	1451	1469	rBV	2359493	2253120	66.74%	8.745%
12	11.322	1566	1570	1572	rBV	1293990	1219195	36.12%	4.732%
13	11.339	1572	1573	1577	rVB	63546	41806	1.24%	0.162%
14	12.533	1772	1776	1780	rBV	102400	93747	2.78%	0.364%
15	12.757	1806	1814	1817	rBV	121513	141503	4.19%	0.549%
16	12.910	1835	1840	1843	rBV	3404746	3333206	98.74%	12.937%
17	13.804	1989	1992	2003	rBV	352589	550582	16.31%	2.137%
18	13.957	2013	2018	2021	rBV	1214677	1179591	34.94%	4.578%
19	13.980	2021	2022	2028	rVB	63010	57295	1.70%	0.222%
20	14.345	2076	2084	2087	rBV2	28513	55372	1.64%	0.215%
21	14.445	2095	2101	2108	rBV5	101416	222385	6.59%	0.863%
22	14.539	2114	2117	2121	rBV4	38462	47420	1.40%	0.184%
23	14.645	2132	2135	2138	rBV4	30127	36234	1.07%	0.141%
24	14.727	2145	2149	2152	rBV2	40430	47793	1.42%	0.185%
25	14.874	2171	2174	2180	rVB2	48159	59027	1.75%	0.229%
26	14.980	2190	2192	2195	rBV	54800	59268	1.76%	0.230%
27	15.057	2202	2205	2208	rBV	50152	61314	1.82%	0.238%
28	15.098	2208	2212	2221	rVB4	46647	106305	3.15%	0.413%
29	15.286	2240	2244	2247	rVB2	33300	43515	1.29%	0.169%
30	15.333	2247	2252	2258	rBV	56602	70480	2.09%	0.274%
31	15.404	2258	2264	2268	rBV	915132	1170382	34.67%	4.543%
32	15.621	2298	2301	2307	rVB3	50350	65204	1.93%	0.253%
33	15.851	2336	2340	2346	rVB	44333	66137	1.96%	0.257%
34	15.921	2347	2352	2357	rBV5	58563	145959	4.32%	0.567%

LSC Area Percent Report

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 25764947

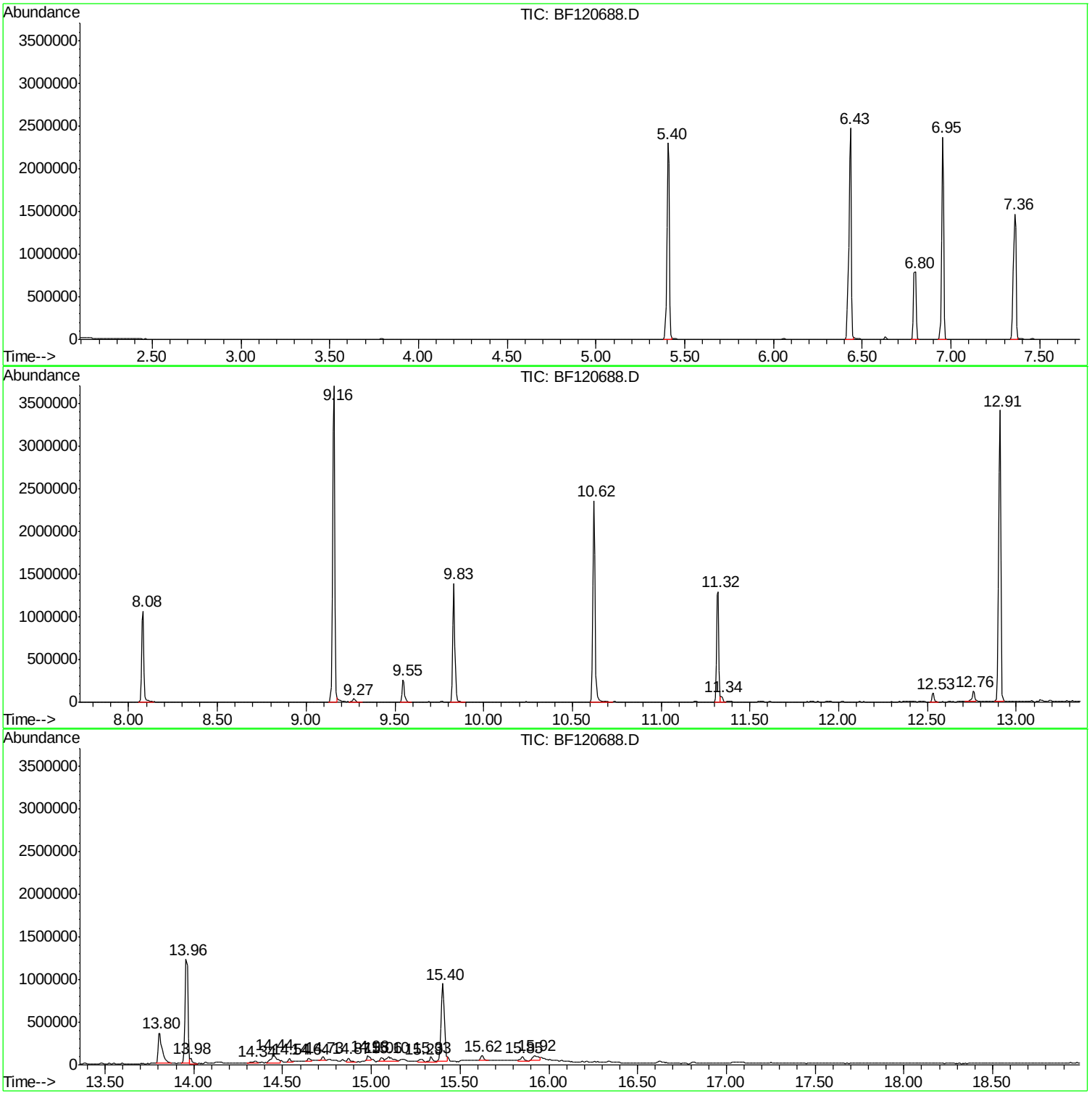
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120688.D
Acq On : 22 Jun 2020 21:05
Operator : JU/CG
Sample : L3082-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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\BF062220\
Data File : BF120688.D
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Operator : JU/CG
Sample : L3082-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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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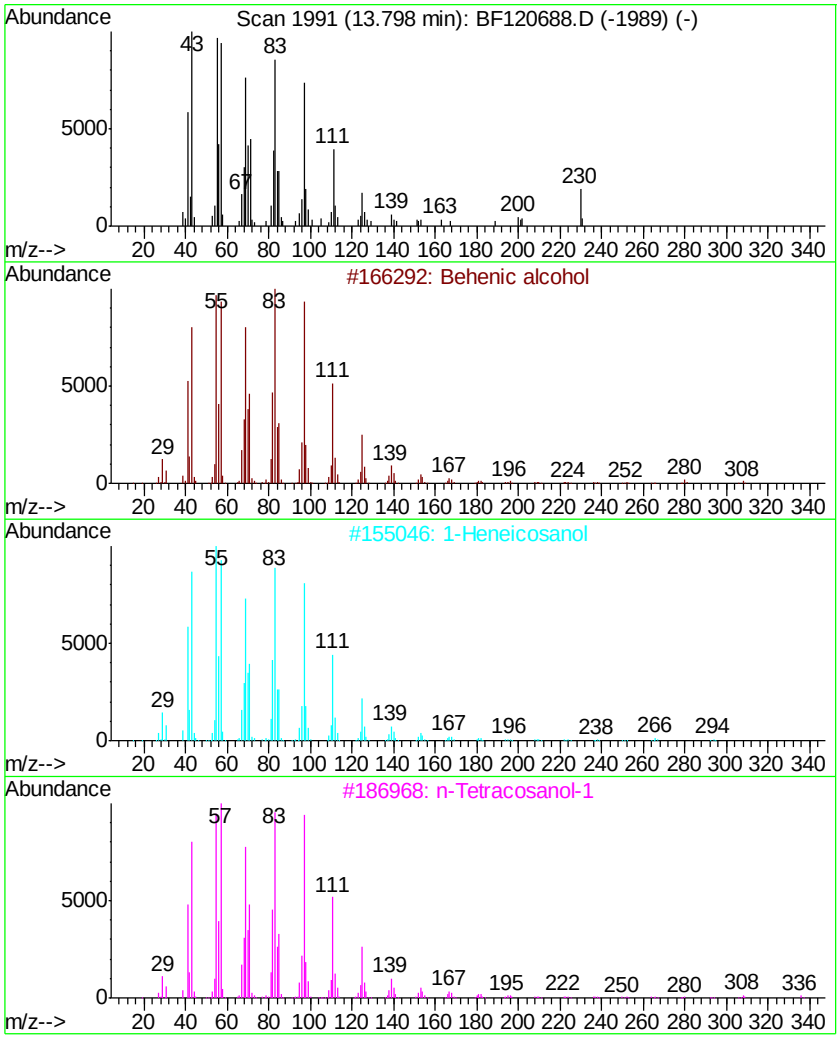
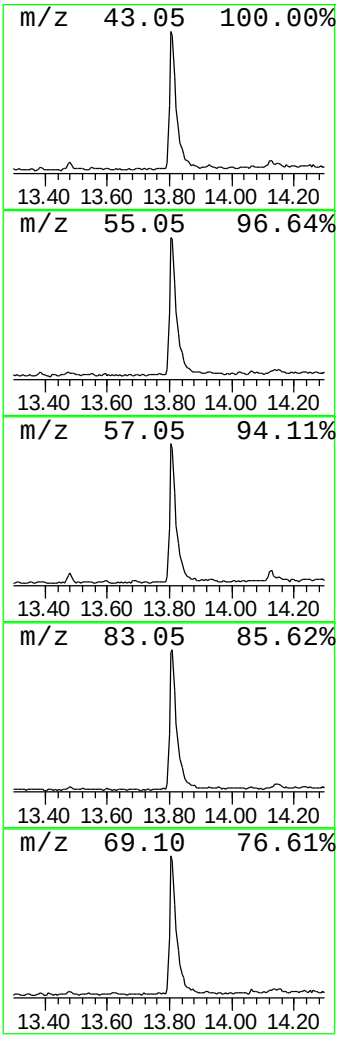
Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	9.34 ng	550582	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120688.D
Acq On : 22 Jun 2020 21:05
Operator : JU/CG
Sample : L3082-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

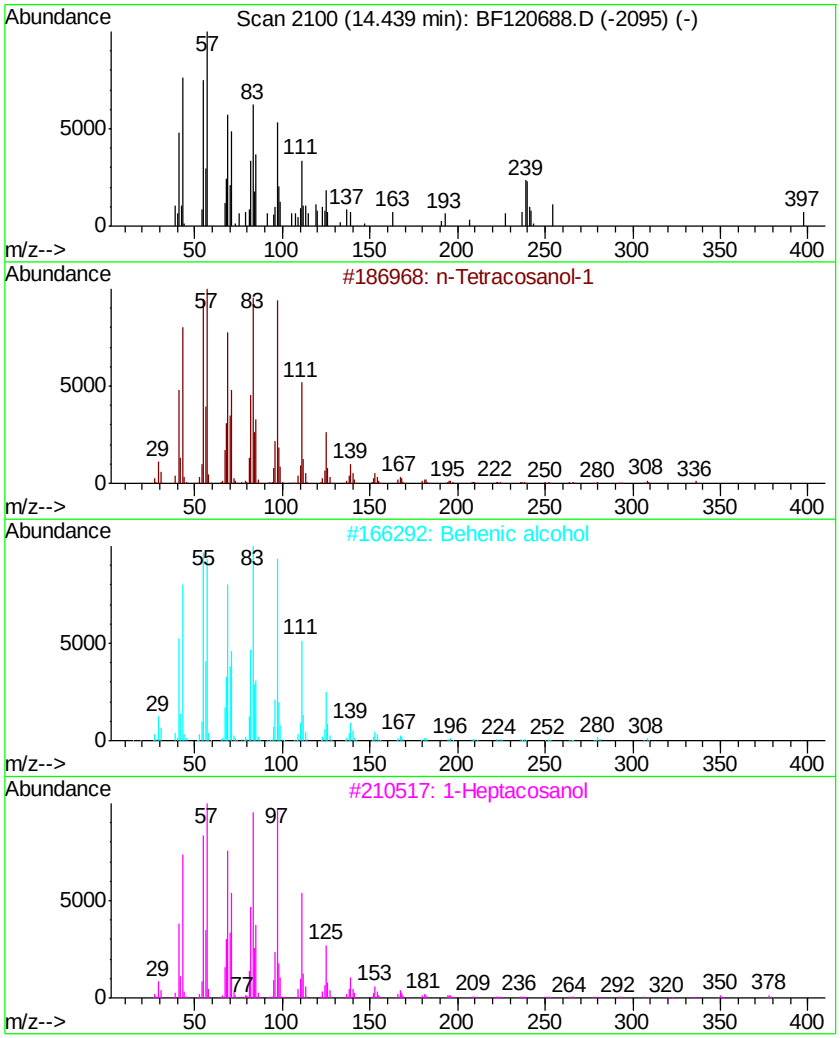
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

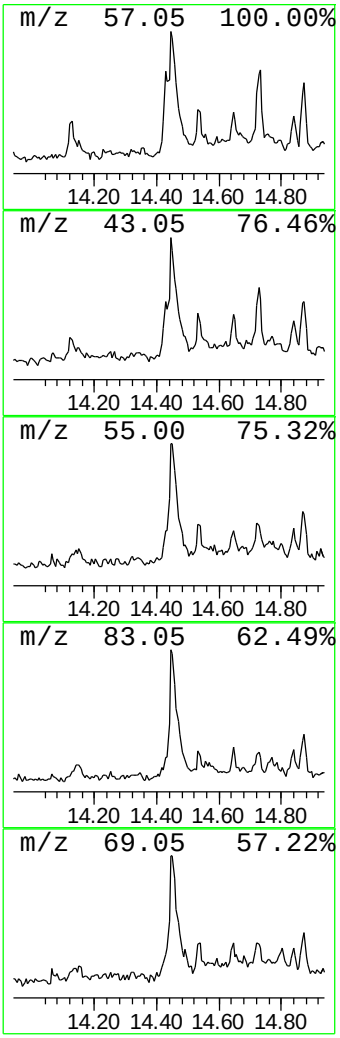
****

Peak Number 4 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.77 ng	222385	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





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Data File : BF120688.D
Acq On : 22 Jun 2020 21:05
Operator : JU/CG
Sample : L3082-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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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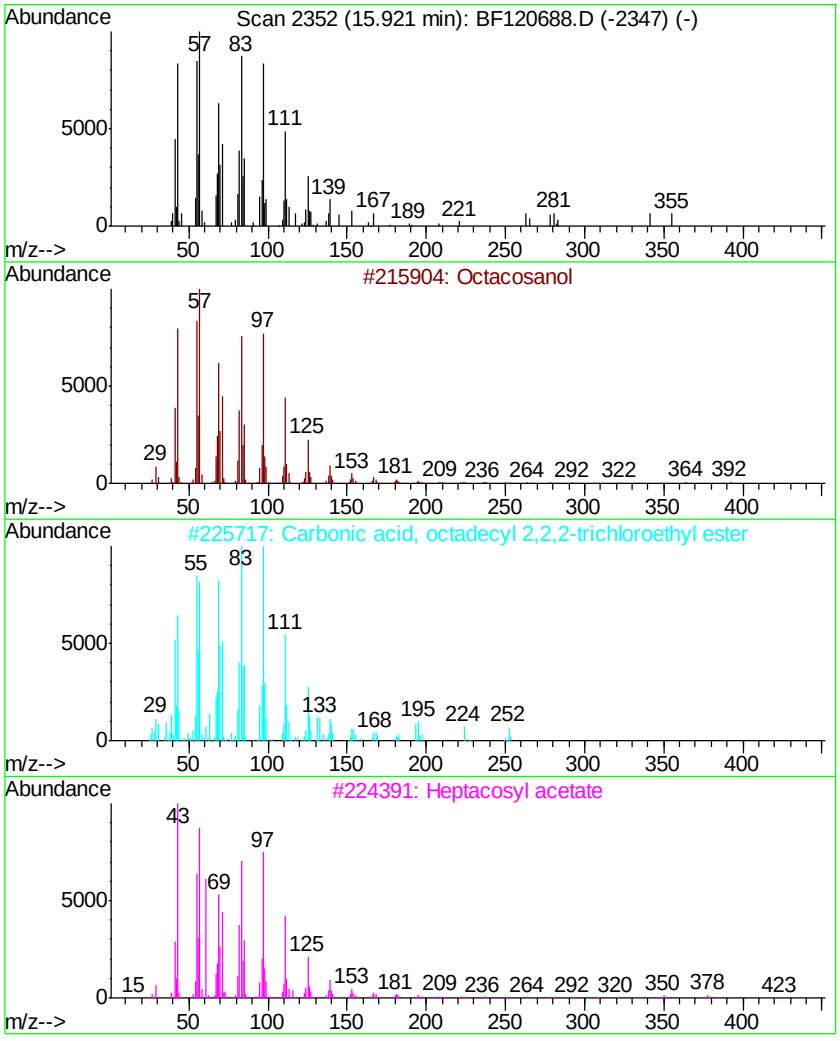
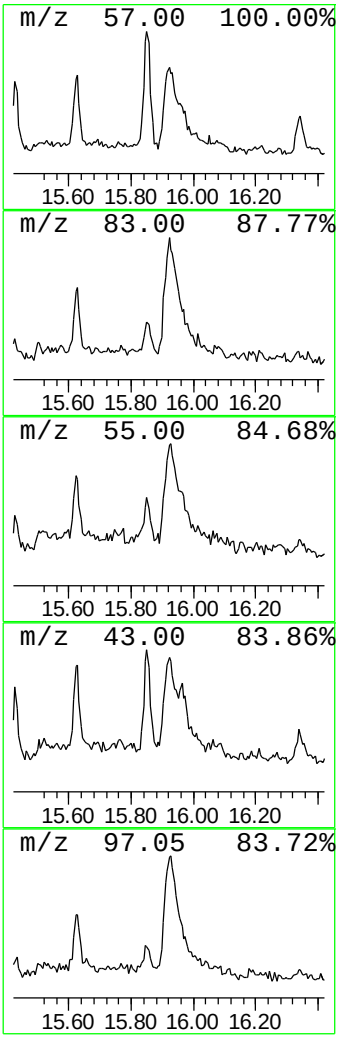
Peak Number 5 Octacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.49 ng	145959	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	95
2	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	93
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062220\
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Sample : L3082-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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
Behenic alcohol	13.80	9.3	ng	550582	5	13.96	1179590	20.0
n-Tetracosanol-1	14.44	3.8	ng	222385	5	13.96	1179590	20.0
Octacosanol	15.92	2.5	ng	145959	6	15.40	1170380	20.0