LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113772.D
Acq On : 15 Apr 2019 19:36
Operator : JU/SJ
Sample : K2390-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3425

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-BF040319.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	5.287	540	544	577	rBV	1365093	2051213	78.35%	9.100%
2	6.322	717	720	737	rBV	1518597	2176642	83.14%	9.656%
3	6.445	737	741	755	rVB	2230099	2193477	83.79%	9.731%
4	6.669	776	779	793	rVB	677146	655060	25.02%	2.906%
5	6.828	802	806	828	rBV	1649661	1733735	66.23%	7.691%
6	7.240	872	876	908	rBV	1062417	1386156	52.95%	6.149%
7	7.445	908	911	920	rVB	32110	29623	1.13%	0.131%
8	7.951	994	997	1025	rBV	654554	856639	32.72%	3.800%
9	9.028	1176	1180	1189	rBV	2897591	2617939	100.00%	11.614%
10	9.428	1246	1248	1253	rBV	150651	158751	6.06%	0.704%
11	9.610	1277	1279	1282	rVB	57135	44570	1.70%	0.198%
12	9.645	1282	1285	1288	rBV3	20089	28567	1.09%	0.127%
13	9.675	1288	1290	1292	rBV2	37986	38148	1.46%	0.169%
14	9.704	1292	1295	1300	rBV	950845	881049	33.65%	3.909%
15	10.104	1360	1363	1366	rBV2	89605	76813	2.93%	0.341%
16	10.498	1426	1430	1440	rBV	1048693	1381598	52.77%	6.129%
17	11.186	1544	1547	1555	rBV	1018201	1064670	40.67%	4.723%
18	12.769	1812	1816	1823	rVB	2592939	2462357	94.06%	10.924%
19	13.663	1965	1968	1973	rVB	42476	43591	1.67%	0.193%
20	13.827	1992	1996	2006	rVB	623648	779774	29.79%	3.459%
21	13.980	2019	2022	2030	rVB	57752	58012	2.22%	0.257%
22	14.280	2069	2073	2076	rBV	102910	122192	4.67%	0.542%
23	14.574	2120	2123	2128	rVB	121254	111647	4.26%	0.495%
24	14.645	2131	2135	2139	rVB	118891	116415	4.45%	0.516%
25	14.886	2168	2176	2183	rVB	233705	264109	10.09%	1.172%
26	15.233	2230	2235	2248	rBV	546054	862728	32.95%	3.827%
27	15.621	2296	2301	2306	rVB	157605	218980	8.36%	0.971%
28	16.068	2373	2377	2386	rVB	43413	68693	2.62%	0.305%
29	16.598	2461	2467	2472	rBV2	27923	58243	2.22%	0.258%

Sum of corrected areas: 22541391

LSC Report - Integrated Chromatogram

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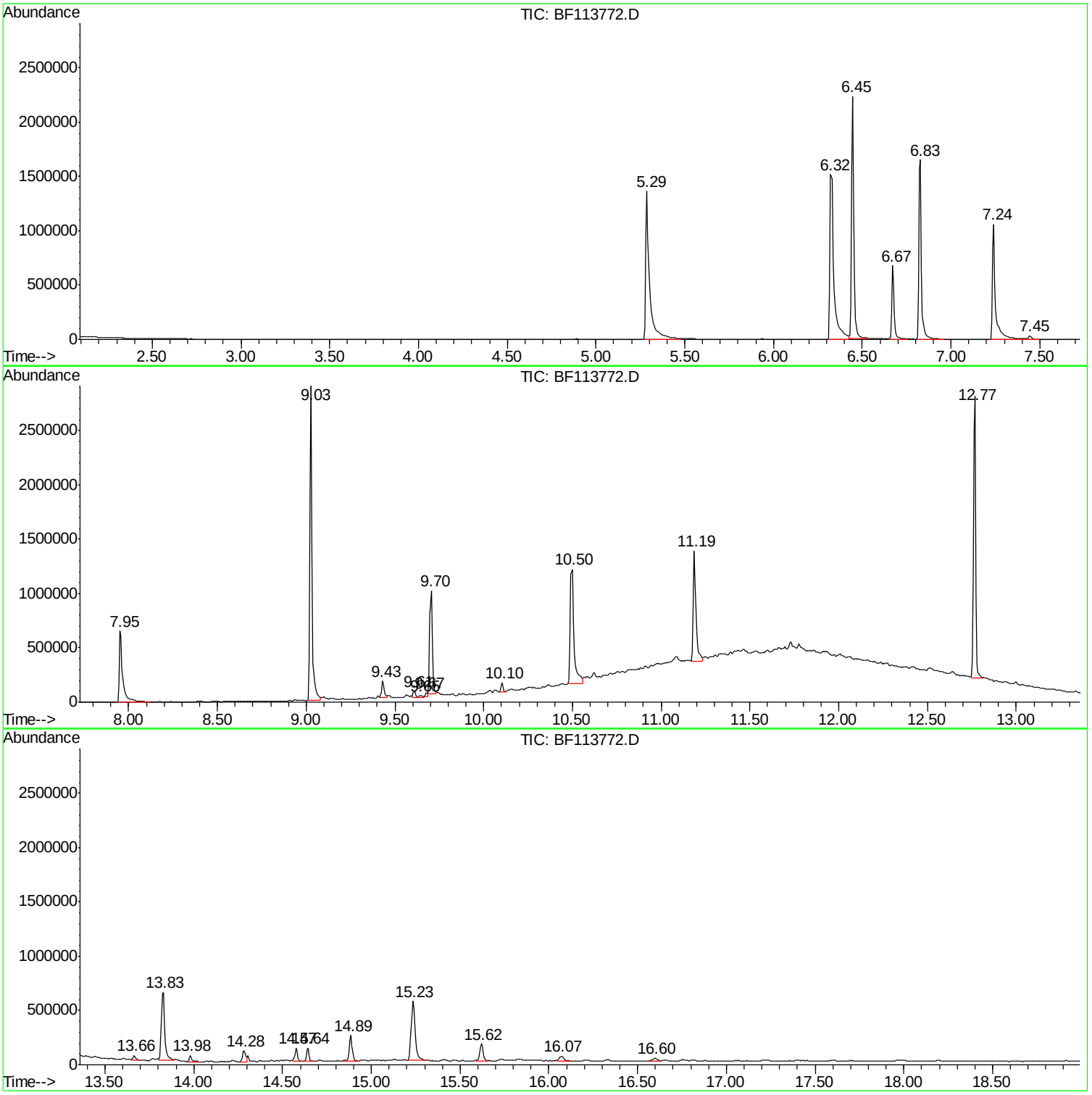
Instrument : BNA_F
ClientSampleId : 3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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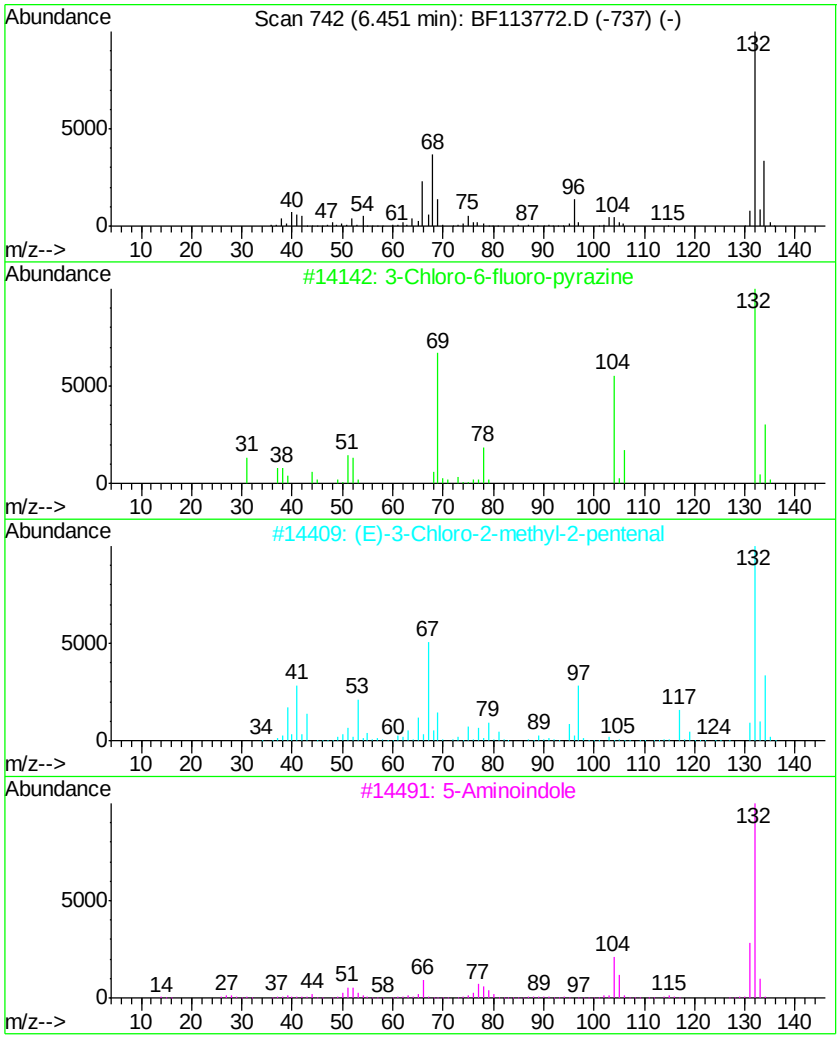
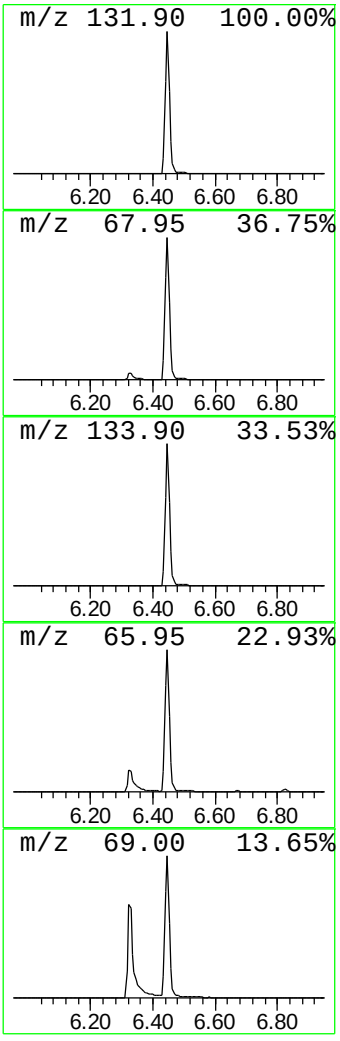
Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	66.97 ng	2193480	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Instrument : BNA_F
ClientSampleId : 3425

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

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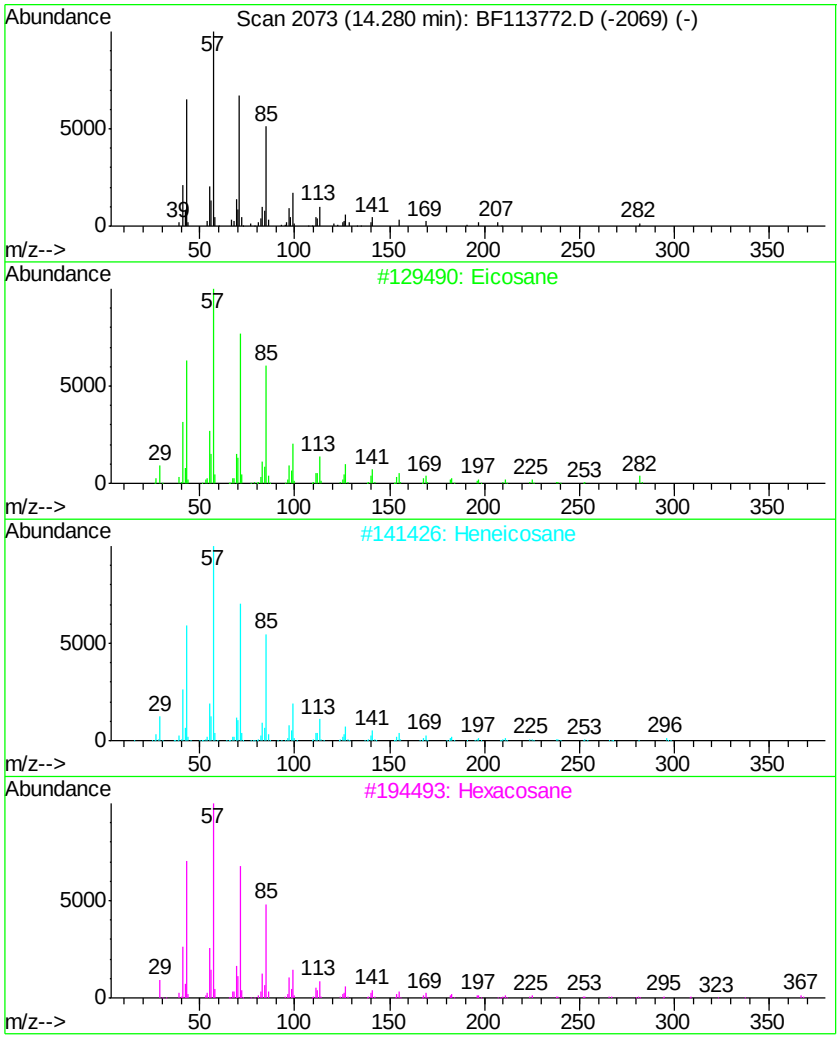
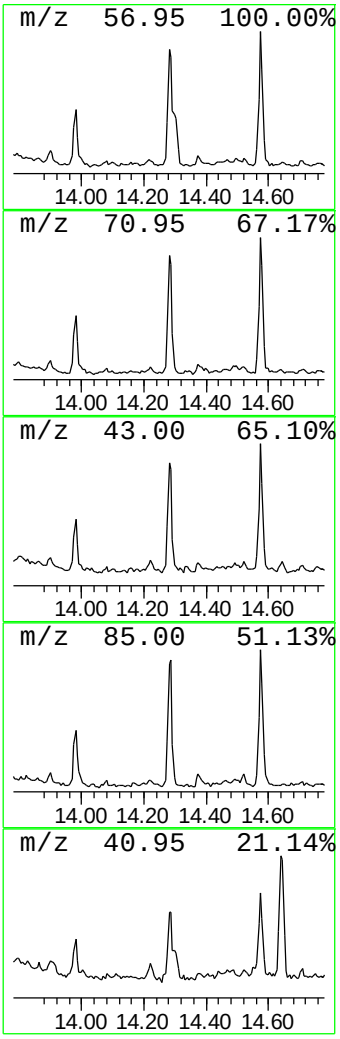
Peak Number 3 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	3.13 ng	122192	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octadecane	254	C18H38	000593-45-3	91





Library Search Compound Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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TIC Library : C:\DATABASE\NIST11.L
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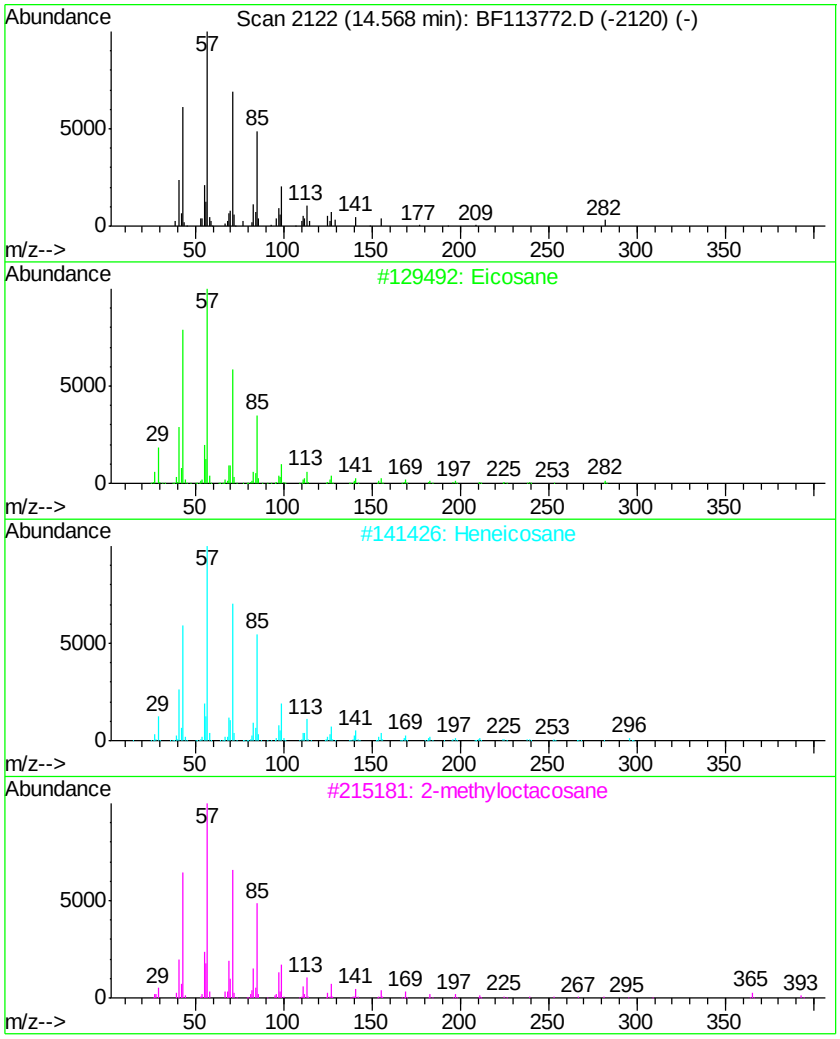
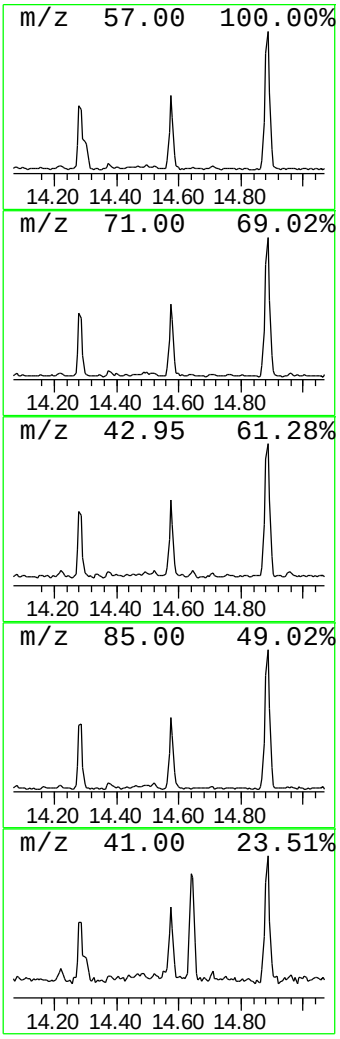
Peak Number 4 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.59 ng	111647	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Sample : K2390-01
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Instrument : BNA_F
ClientSampleId : 3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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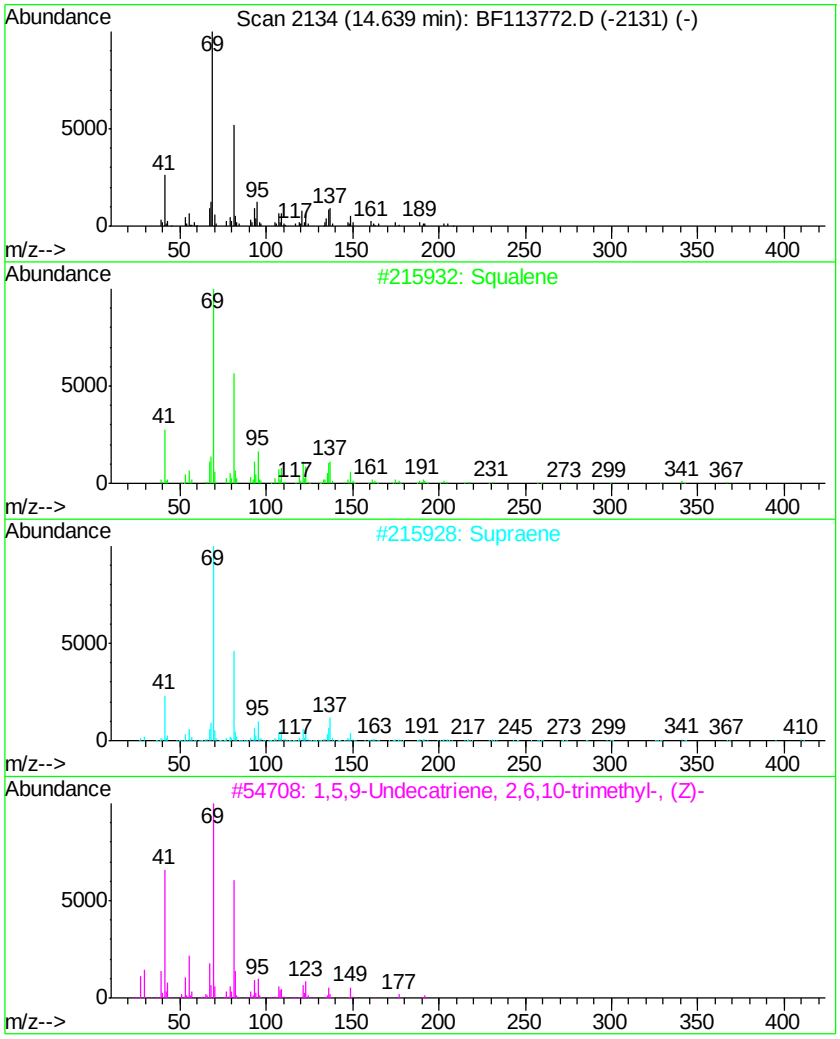
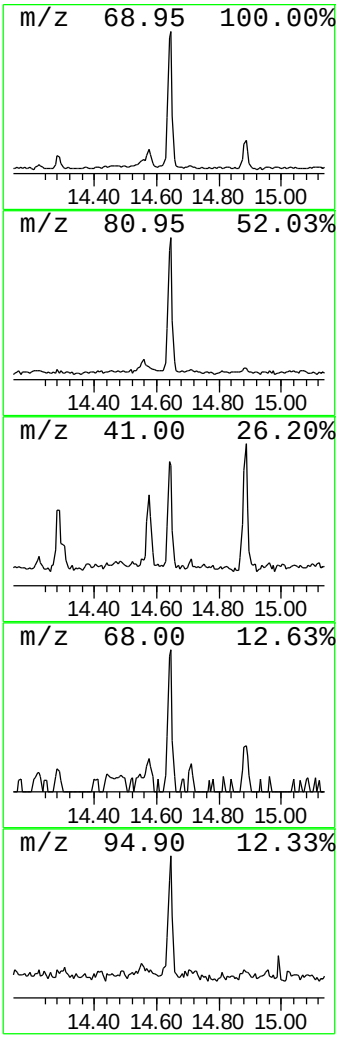
Peak Number 5 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.70 ng	116415	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
5	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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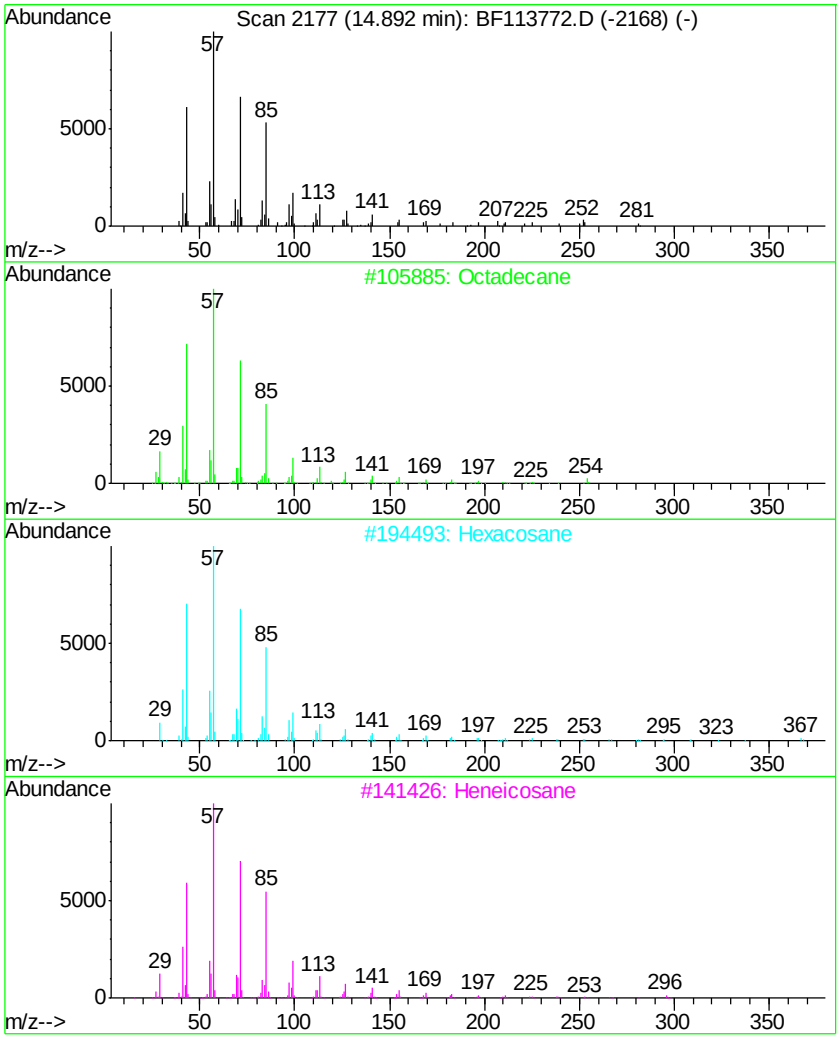
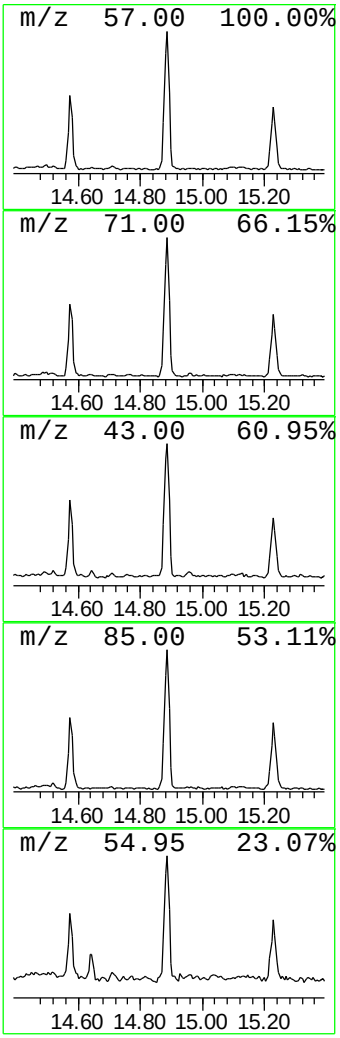
Peak Number 6 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	6.12 ng	264109	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Triacontane	422	C30H62	000638-68-6	87
5	Tetracosane	338	C24H50	000646-31-1	87





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

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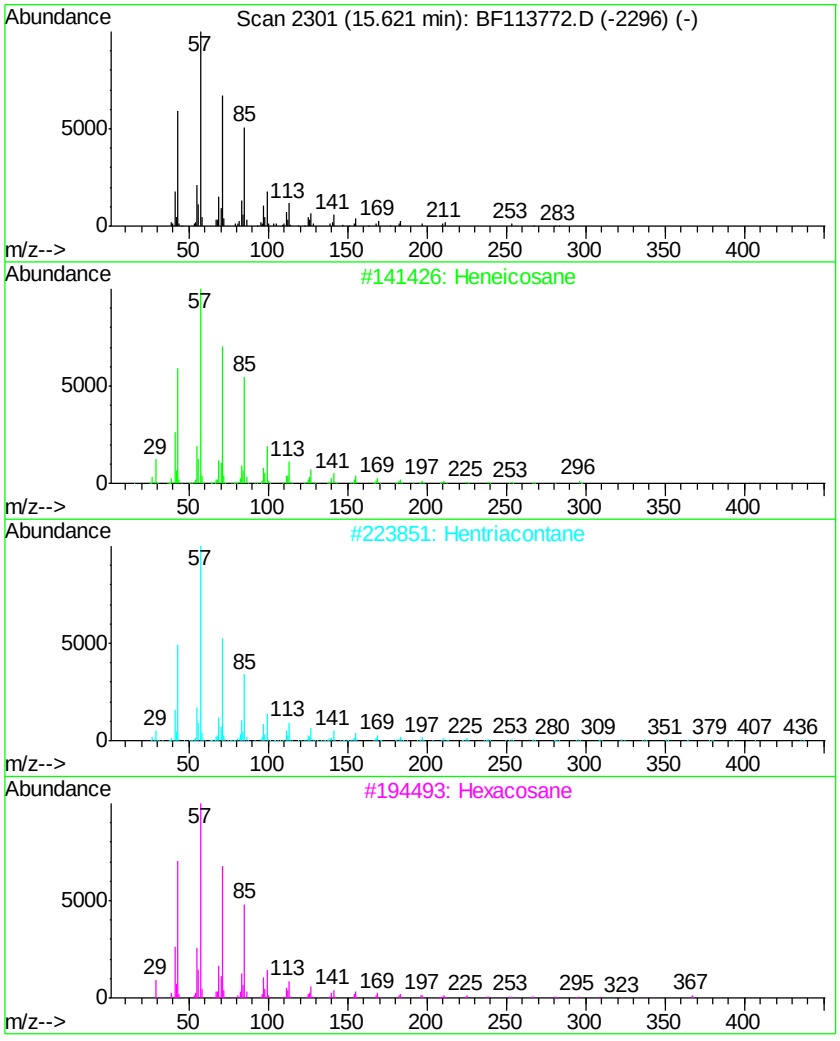
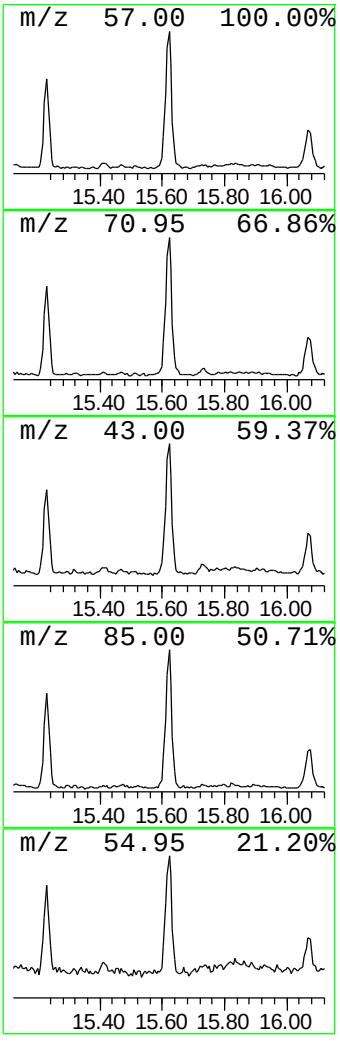
Peak Number 7 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	5.08 ng	218980	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.45	6.45	67.0	ng	2193480	1	6.67	655060	20.0
Eicosane	14.28	3.1	ng	122192	5	13.83	779774	20.0
2-methyloctacosane	14.57	2.6	ng	111647	6	15.23	862728	20.0
Squalene	14.64	2.7	ng	116415	6	15.23	862728	20.0
Octadecane	14.89	6.1	ng	264109	6	15.23	862728	20.0
Heneicosane	15.62	5.1	ng	218980	6	15.23	862728	20.0