LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119191.D
Acq On : 4 Mar 2020 13:27
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-030220

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-BF022020.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	5.369	554	558	581	rBV	2711212	2766616	72.15%	9.402%
2	6.387	727	731	747	rBV	2405279	2750003	71.71%	9.346%
3	6.740	787	791	799	rBV	912574	816603	21.29%	2.775%
4	6.892	813	817	821	rBV	2500498	2534105	66.08%	8.612%
5	7.304	882	887	890	rBV	1900465	1822813	47.53%	6.195%
6	8.022	1004	1009	1019	rBV	1062163	1069850	27.90%	3.636%
7	9.098	1186	1192	1195	rBV	3801097	3834739	100.00%	13.032%
8	9.486	1254	1258	1267	rVB	499528	469100	12.23%	1.594%
9	9.775	1299	1307	1310	rBV	1288083	1258094	32.81%	4.276%
10	9.804	1310	1312	1316	rVB2	37380	40400	1.05%	0.137%
11	10.322	1396	1400	1405	rBV3	28767	39028	1.02%	0.133%
12	10.563	1437	1441	1452	rBV	2463943	2259257	58.92%	7.678%
13	10.675	1458	1460	1469	rVB5	36625	65521	1.71%	0.223%
14	11.157	1539	1542	1548	rVB	33672	42059	1.10%	0.143%
15	11.257	1555	1559	1561	rBV	1370541	1151964	30.04%	3.915%
16	11.280	1561	1563	1568	rVV	258049	227075	5.92%	0.772%
17	11.333	1568	1572	1575	rVB	59142	67709	1.77%	0.230%
18	11.498	1596	1600	1606	rBV5	26217	46655	1.22%	0.159%
19	11.757	1641	1644	1646	rBV	58660	54549	1.42%	0.185%
20	11.786	1646	1649	1655	rVB	211650	209467	5.46%	0.712%
21	11.869	1660	1663	1665	rVV	102068	105173	2.74%	0.357%
22	11.892	1665	1667	1672	rVB	45493	43504	1.13%	0.148%
23	12.310	1734	1738	1740	rBV	51530	55461	1.45%	0.188%
24	12.469	1761	1765	1770	rBV	387920	348404	9.09%	1.184%
25	12.569	1779	1782	1788	rBV4	49368	72339	1.89%	0.246%
26	12.698	1798	1804	1811	rBV	344697	381219	9.94%	1.296%
27	12.839	1823	1828	1831	rBV	3707672	3281512	85.57%	11.152%
28	12.916	1838	1841	1848	rVB4	33683	57748	1.51%	0.196%
29	13.027	1857	1860	1863	rVB	65022	68632	1.79%	0.233%
30	13.133	1874	1878	1885	rVB3	42694	62505	1.63%	0.212%
31	13.739	1977	1981	1992	rVB3	158918	297000	7.74%	1.009%
32	13.892	2000	2007	2010	rBV2	856607	951009	24.80%	3.232%
33	13.921	2010	2012	2019	rVB	141646	138041	3.60%	0.469%
34	14.051	2031	2034	2038	rBV2	62031	66249	1.73%	0.225%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119191.D
Acq On : 4 Mar 2020 13:27
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-030220

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.357	2082	2086	2088	rBV2	96244	99768	2.60%	0.339%
36	14.651	2133	2136	2140	rVB	90852	81424	2.12%	0.277%
37	14.721	2145	2148	2153	rVB	212273	204570	5.33%	0.695%
38	14.915	2178	2181	2187	rBV	104372	179051	4.67%	0.608%
39	14.968	2187	2190	2196	rVB	115770	136387	3.56%	0.464%
40	15.021	2196	2199	2202	rBV	34719	46183	1.20%	0.157%
41	15.204	2227	2230	2237	rVB	73356	87803	2.29%	0.298%
42	15.262	2237	2240	2245	rBV	102759	133765	3.49%	0.455%
43	15.321	2246	2250	2255	rBV	699552	900210	23.48%	3.059%
44	15.733	2316	2320	2327	rVB2	66982	101839	2.66%	0.346%

Sum of corrected areas: 29425403

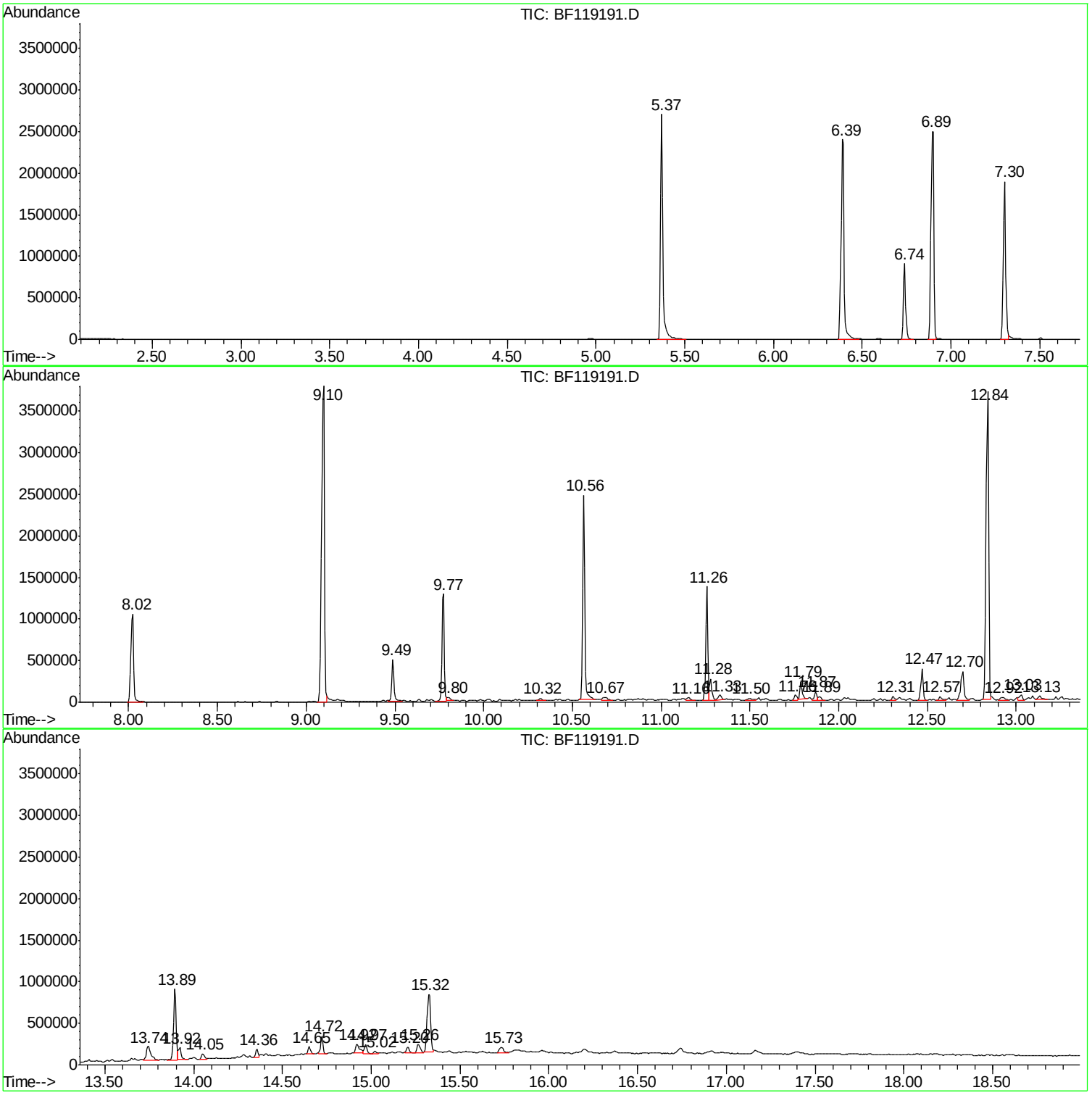
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119191.D
Acq On : 4 Mar 2020 13:27
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119191.D
Acq On : 4 Mar 2020 13:27
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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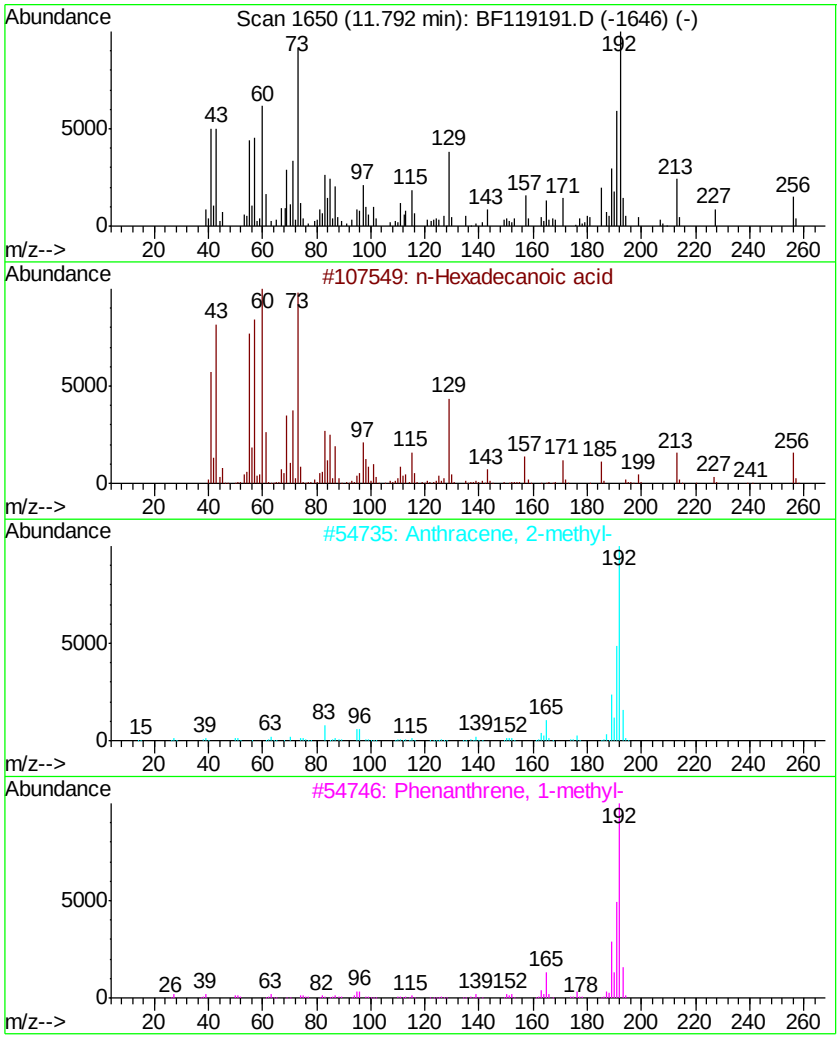
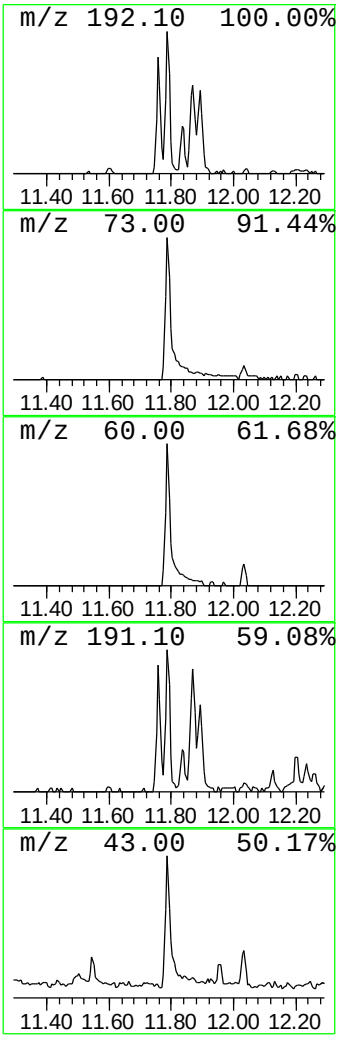
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.64 ng	209467	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119191.D
Acq On : 4 Mar 2020 13:27
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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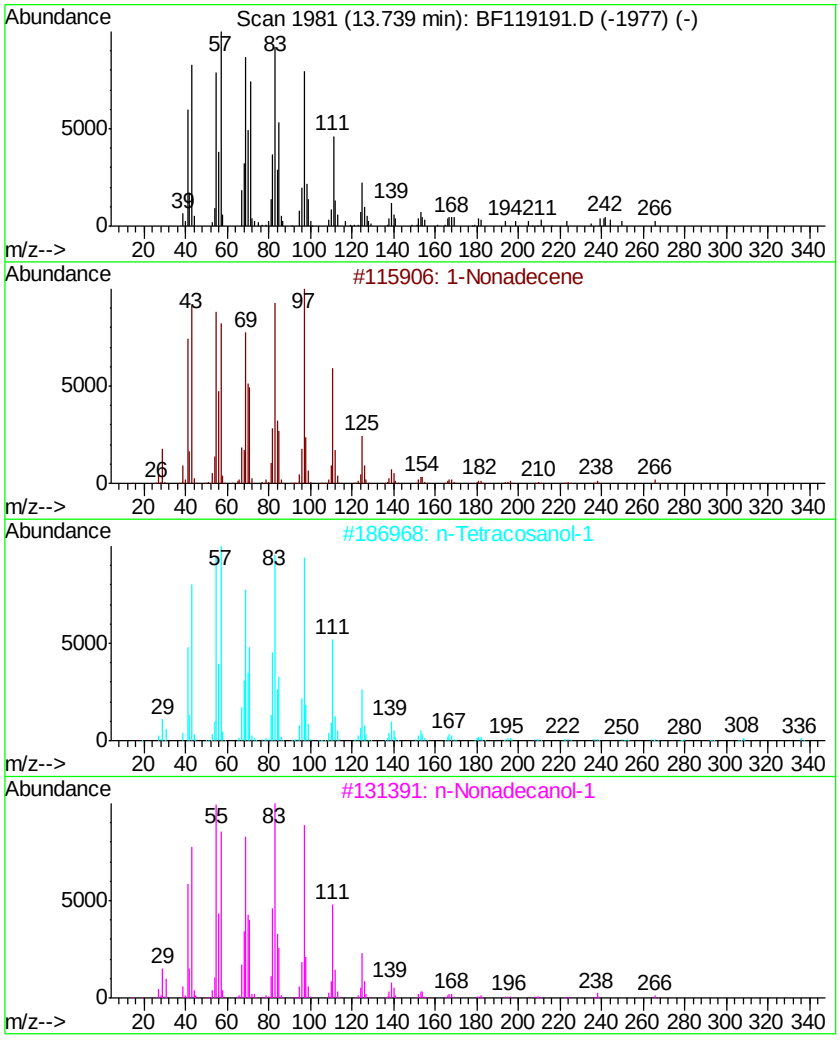
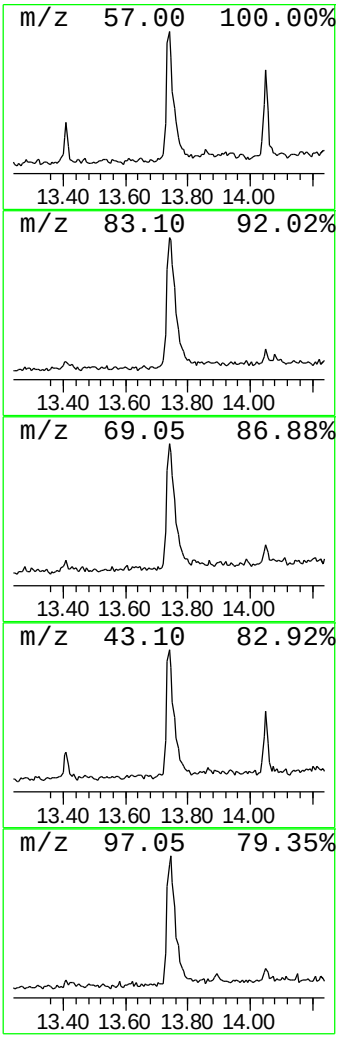
Peak Number 3 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	6.25 ng	297000	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	1-Octadecanol	270	C18H38O	000112-92-5	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119191.D
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Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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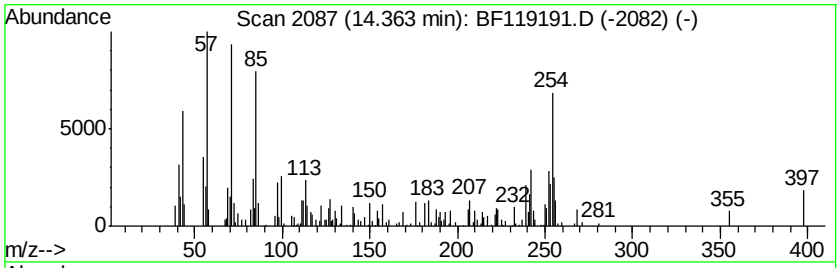
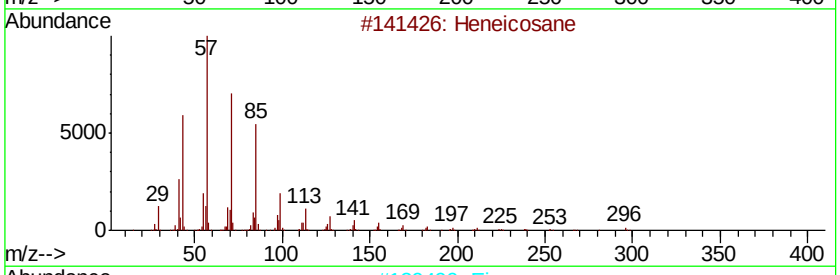
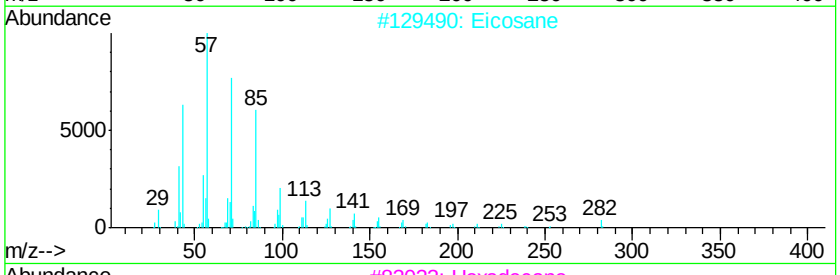
Peak Number 4 Heneicosane Concentration Rank 7

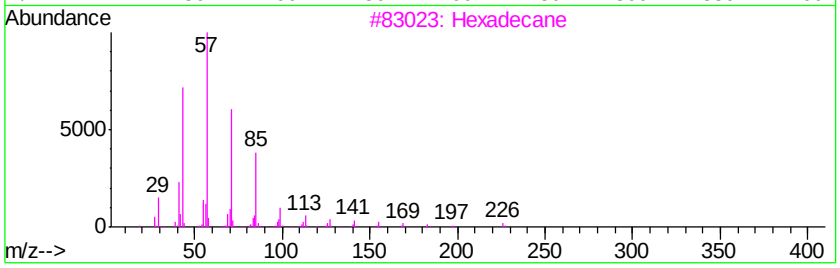
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	2.10 ng	99768	Chrysene-d12	13.89

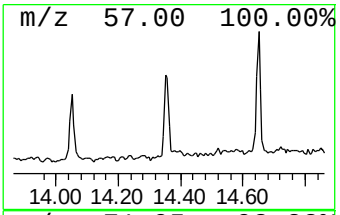
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Hexadecane	226	C16H34	000544-76-3	89
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
5	Hexacosane	366	C26H54	000630-01-3	76

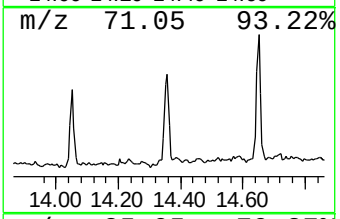


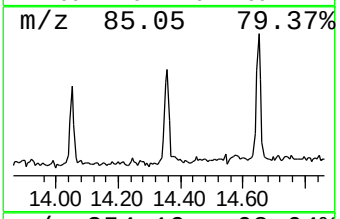


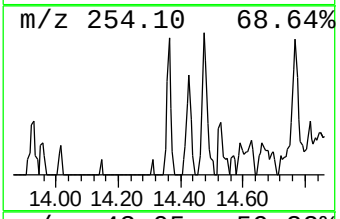


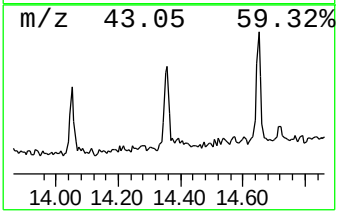












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119191.D
Acq On : 4 Mar 2020 13:27
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

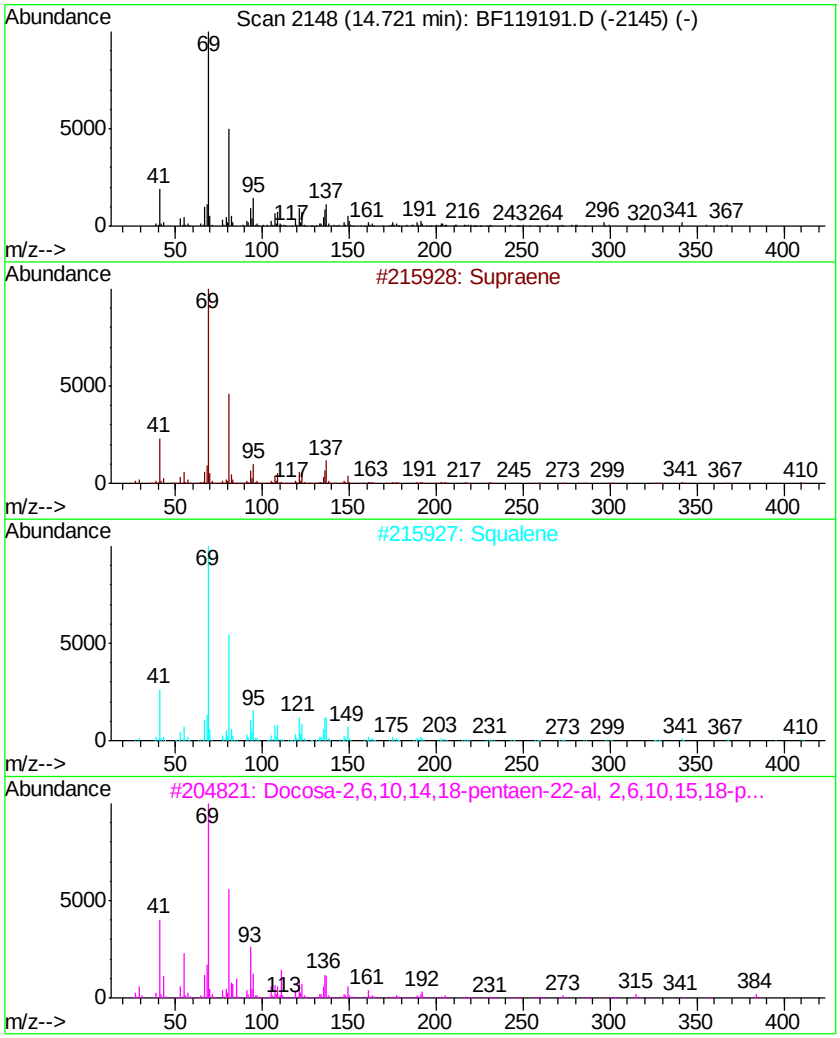
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

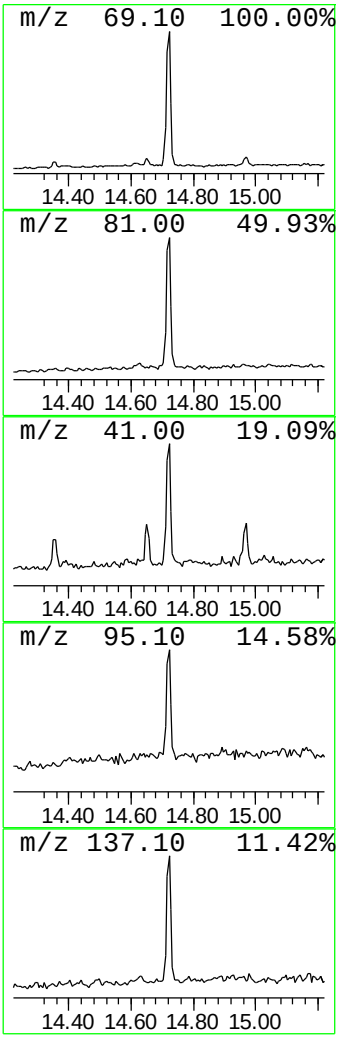
****

Peak Number 5 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	4.54 ng	204570	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72





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Data File : BF119191.D
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Operator : CG/JU
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

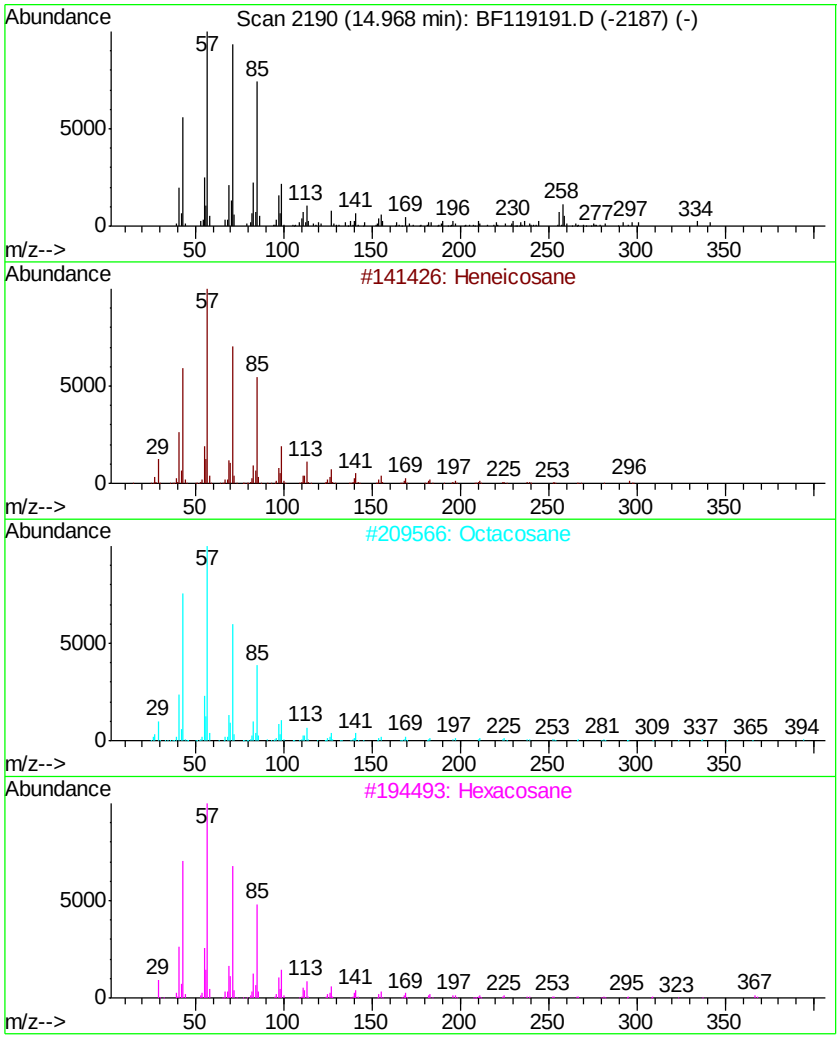
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

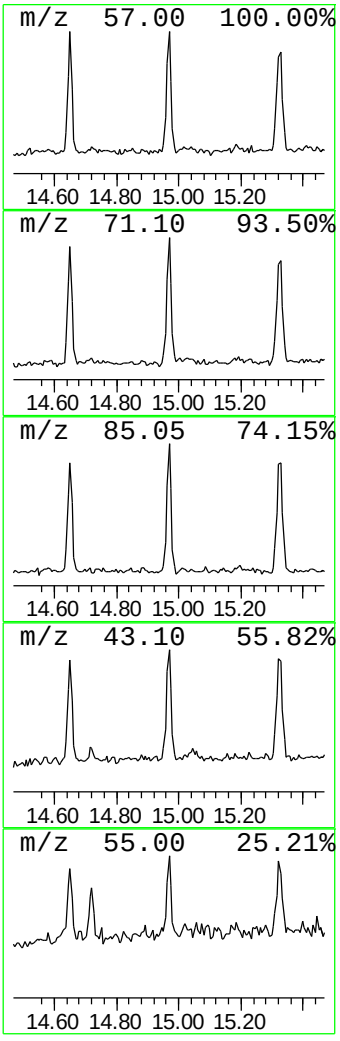
****

Peak Number 6 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	3.03 ng	136387	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Octacosane	394	C28H58	000630-02-4	74
3	Hexacosane	366	C26H54	000630-01-3	68
4	2-methyloctacosane	408	C29H60	1000376-72-8	68
5	Docosane	310	C22H46	000629-97-0	64





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Sample : L1762-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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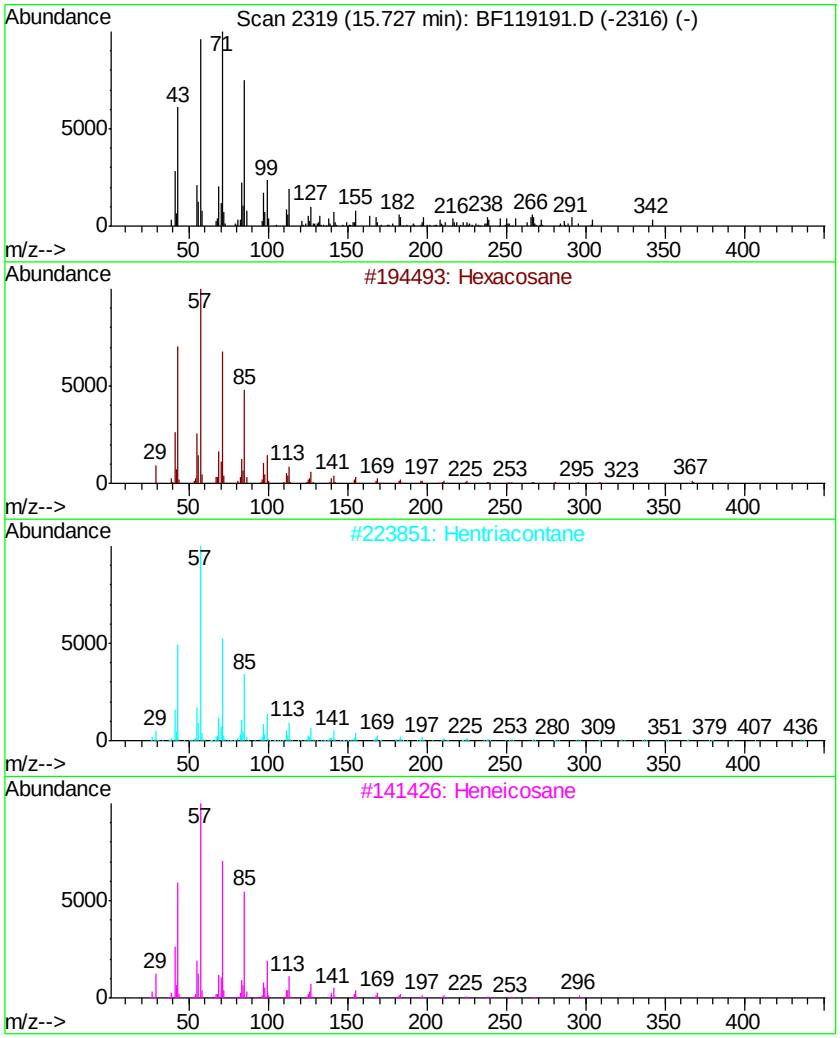
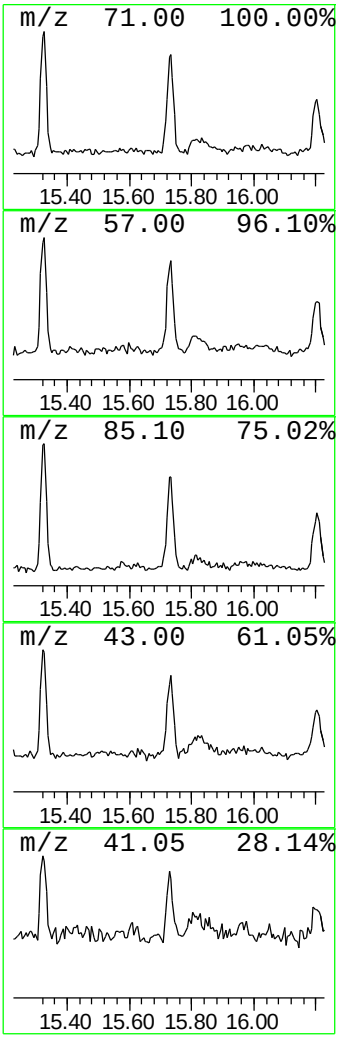
Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.26 ng	101839	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	76
2	Hentriacontane	437	C31H64	000630-04-6	64
3	Heneicosane	296	C21H44	000629-94-7	64
4	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	64
5	2-methyloctacosane	408	C29H60	1000376-72-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030420\
Data File : BF119191.D
Acq On : 4 Mar 2020 13:27
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-030220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
n-Hexadecanoic acid	11.79	3.6	ng	209467	4	11.26	1151960	20.0
1-Nonadecene	13.74	6.3	ng	297000	5	13.89	951009	20.0
Heneicosane	14.36	2.1	ng	99768	5	13.89	951009	20.0
Supraene	14.72	4.5	ng	204570	6	15.32	900210	20.0
Octacosane	14.97	3.0	ng	136387	6	15.32	900210	20.0
Hexacosane	15.73	2.3	ng	101839	6	15.32	900210	20.0