LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119194.D
Acq On : 4 Mar 2020 14:55
Operator : CG/JU
Sample : L1762-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-06-030220

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	577	rBV	2458502	2481828	78.17%	9.662%
2	6.387	727	731	749	rBV	2153377	2446219	77.05%	9.523%
3	6.587	762	765	778	rBV	21738	38269	1.21%	0.149%
4	6.740	787	791	798	rBV	909600	779170	24.54%	3.033%
5	6.898	813	818	821	rBV	2365045	2249987	70.87%	8.759%
6	7.304	882	887	890	rBV	1747789	1590924	50.11%	6.194%
7	8.022	1005	1009	1018	rBV	1063485	970398	30.56%	3.778%
8	9.092	1187	1191	1195	rBV	3228918	3174879	100.00%	12.360%
9	9.486	1255	1258	1266	rVB	424440	405341	12.77%	1.578%
10	9.775	1299	1307	1310	rBV	1096397	1072239	33.77%	4.174%
11	9.804	1310	1312	1317	rVB	51620	49308	1.55%	0.192%
12	10.322	1396	1400	1406	rBV2	41246	45218	1.42%	0.176%
13	10.563	1437	1441	1454	rBV	1883624	1762255	55.51%	6.861%
14	10.692	1457	1463	1469	rVB3	34158	56538	1.78%	0.220%
15	11.151	1538	1541	1548	rVB2	33302	39346	1.24%	0.153%
16	11.257	1555	1559	1561	rBV	1060428	911487	28.71%	3.549%
17	11.280	1561	1563	1567	rVV	325667	264851	8.34%	1.031%
18	11.333	1567	1572	1576	rVB	71665	81263	2.56%	0.316%
19	11.492	1596	1599	1606	rBV	50342	67693	2.13%	0.264%
20	11.757	1641	1644	1646	rBV	44792	40683	1.28%	0.158%
21	11.786	1646	1649	1655	rVV	192797	190414	6.00%	0.741%
22	11.869	1660	1663	1666	rBV	70414	69687	2.19%	0.271%
23	12.033	1686	1691	1693	rBV3	33133	34314	1.08%	0.134%
24	12.310	1731	1738	1740	rBV	42388	46687	1.47%	0.182%
25	12.345	1740	1744	1747	rVV4	33325	41147	1.30%	0.160%
26	12.469	1762	1765	1769	rBV	421744	352095	11.09%	1.371%
27	12.569	1779	1782	1788	rBV4	37146	55810	1.76%	0.217%
28	12.698	1799	1804	1811	rBV	332526	369538	11.64%	1.439%
29	12.839	1823	1828	1831	rBV	2819567	2592085	81.64%	10.091%
30	12.916	1837	1841	1846	rBV3	28455	50273	1.58%	0.196%
31	13.027	1853	1860	1863	rBV2	55286	79550	2.51%	0.310%
32	13.069	1864	1867	1869	rBV2	30155	32646	1.03%	0.127%
33	13.133	1874	1878	1886	rVB3	33827	47203	1.49%	0.184%
34	13.222	1890	1893	1896	rBV	28435	33193	1.05%	0.129%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119194.D
Acq On : 4 Mar 2020 14:55
Operator : CG/JU
Sample : L1762-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-06-030220

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	13.410	1922	1925	1927	rBV	33841	31992	1.01%	0.125%
36	13.739	1978	1981	1991	rBV2	176471	297138	9.36%	1.157%
37	13.898	2003	2008	2010	rBV2	788581	877814	27.65%	3.417%
38	13.921	2010	2012	2019	rVB	111344	116158	3.66%	0.452%
39	14.051	2031	2034	2038	rBV2	79542	89516	2.82%	0.348%
40	14.357	2083	2086	2088	rBV	111146	101240	3.19%	0.394%
41	14.651	2134	2136	2139	rVB	87299	74644	2.35%	0.291%
42	14.721	2145	2148	2153	rVB	198490	194236	6.12%	0.756%
43	14.921	2179	2182	2187	rBV	87479	135475	4.27%	0.527%
44	14.968	2188	2190	2195	rVB	105534	113027	3.56%	0.440%
45	15.268	2238	2241	2246	rBV	87397	110127	3.47%	0.429%
46	15.327	2247	2251	2266	rVB	750350	1022619	32.21%	3.981%

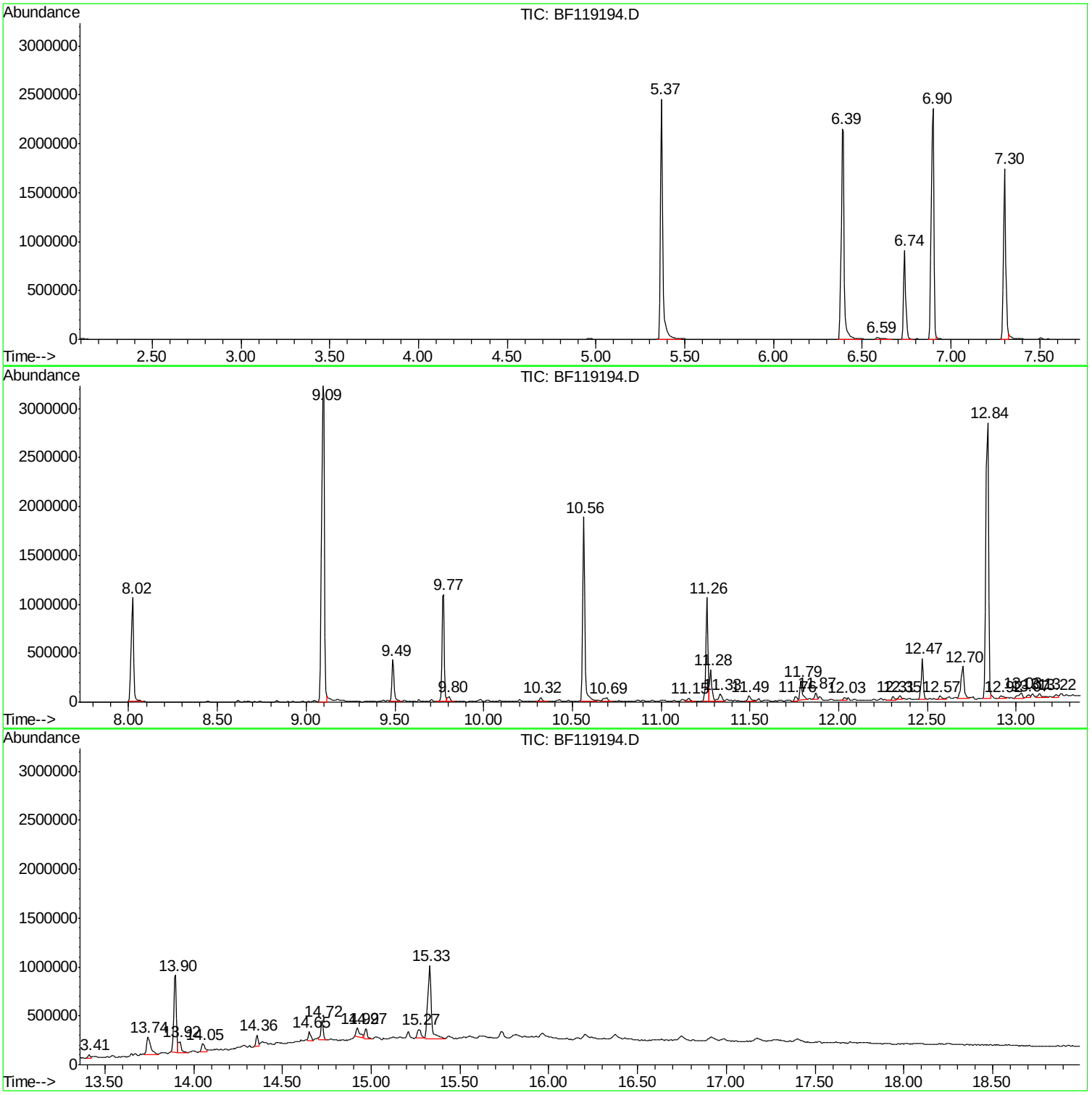
Sum of corrected areas: 25686524

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119194.D
Acq On : 4 Mar 2020 14:55
Operator : CG/JU
Sample : L1762-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-06-030220

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119194.D
Acq On : 4 Mar 2020 14:55
Operator : CG/JU
Sample : L1762-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-06-030220

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

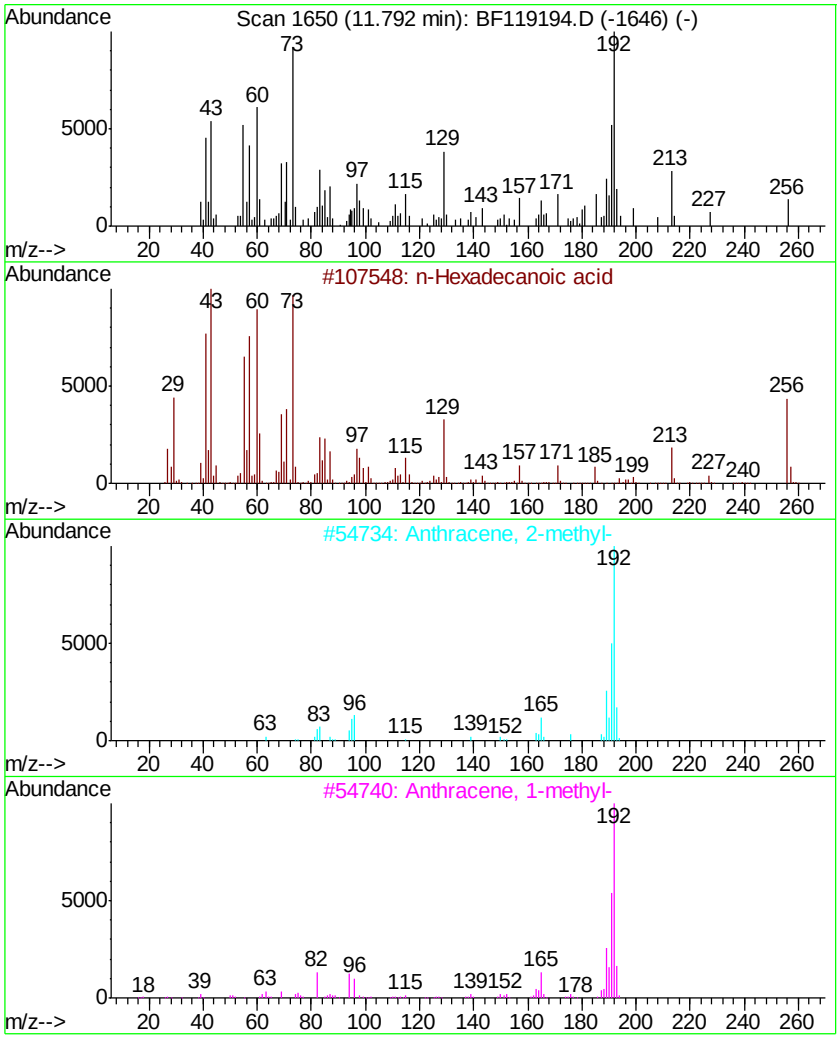
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

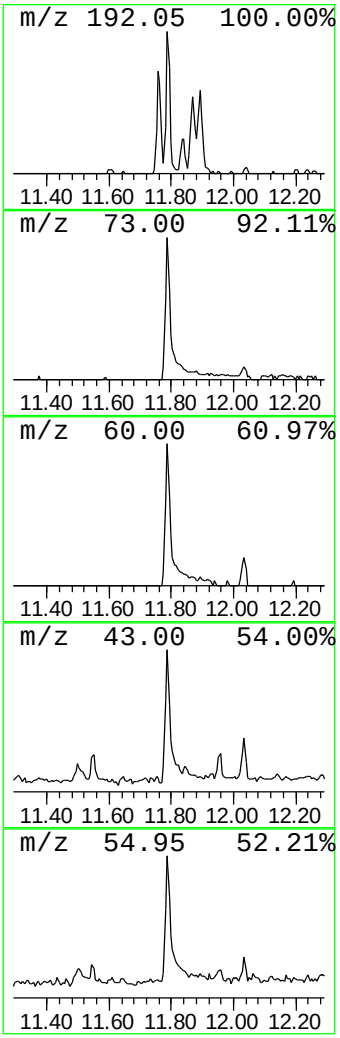
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	4.18 ng	190414	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119194.D
Acq On : 4 Mar 2020 14:55
Operator : CG/JU
Sample : L1762-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-06-030220

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

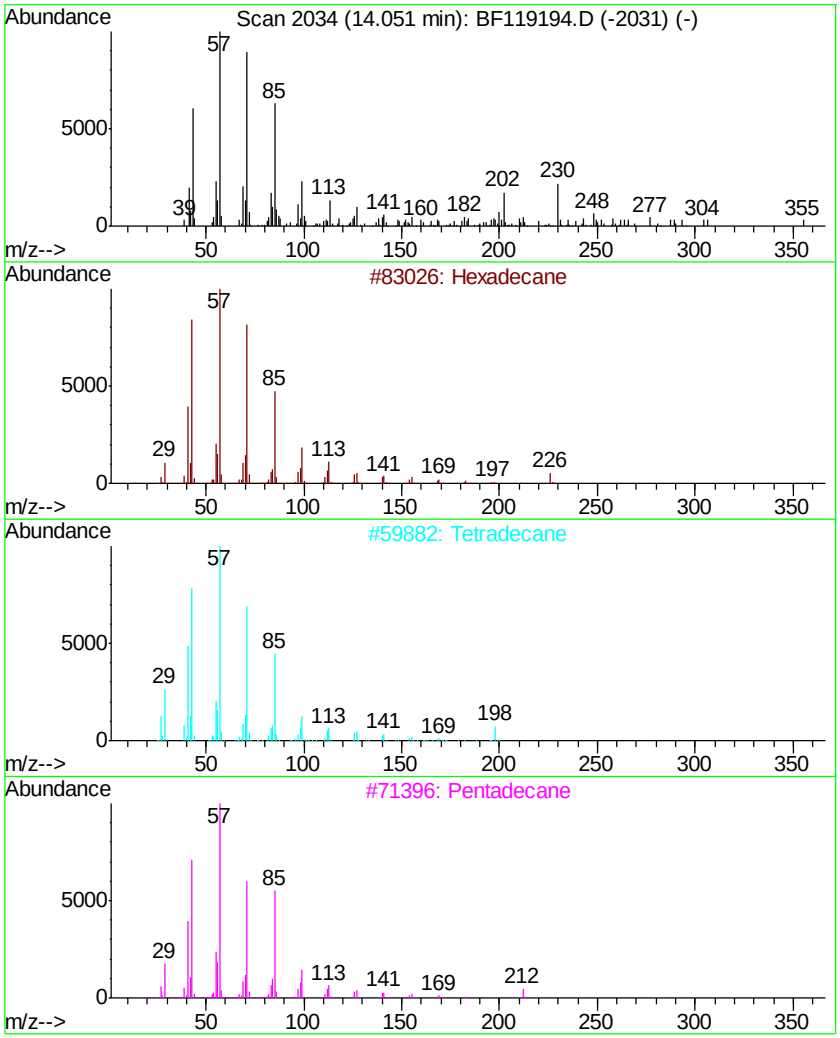
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

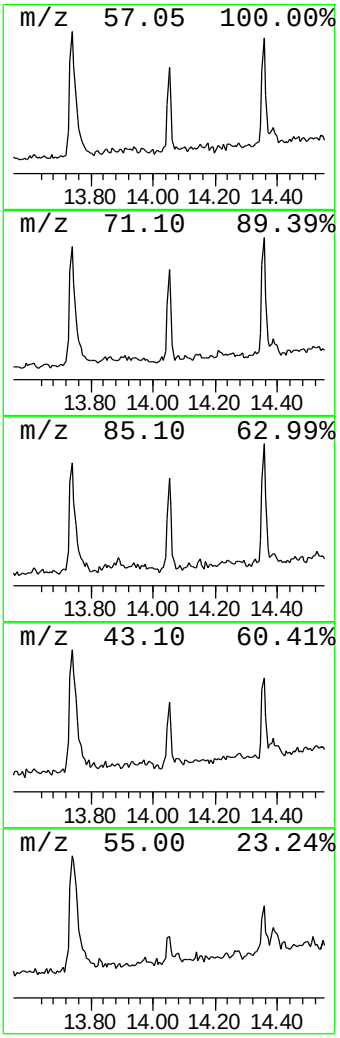
****

Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	2.04 ng	89516	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tetradecane	198	C14H30	000629-59-4	83
3	Pentadecane	212	C15H32	000629-62-9	70
4	Tetracosane	338	C24H50	000646-31-1	62
5	2-methyloctacosane	408	C29H60	1000376-72-8	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119194.D
Acq On : 4 Mar 2020 14:55
Operator : CG/JU
Sample : L1762-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-06-030220

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

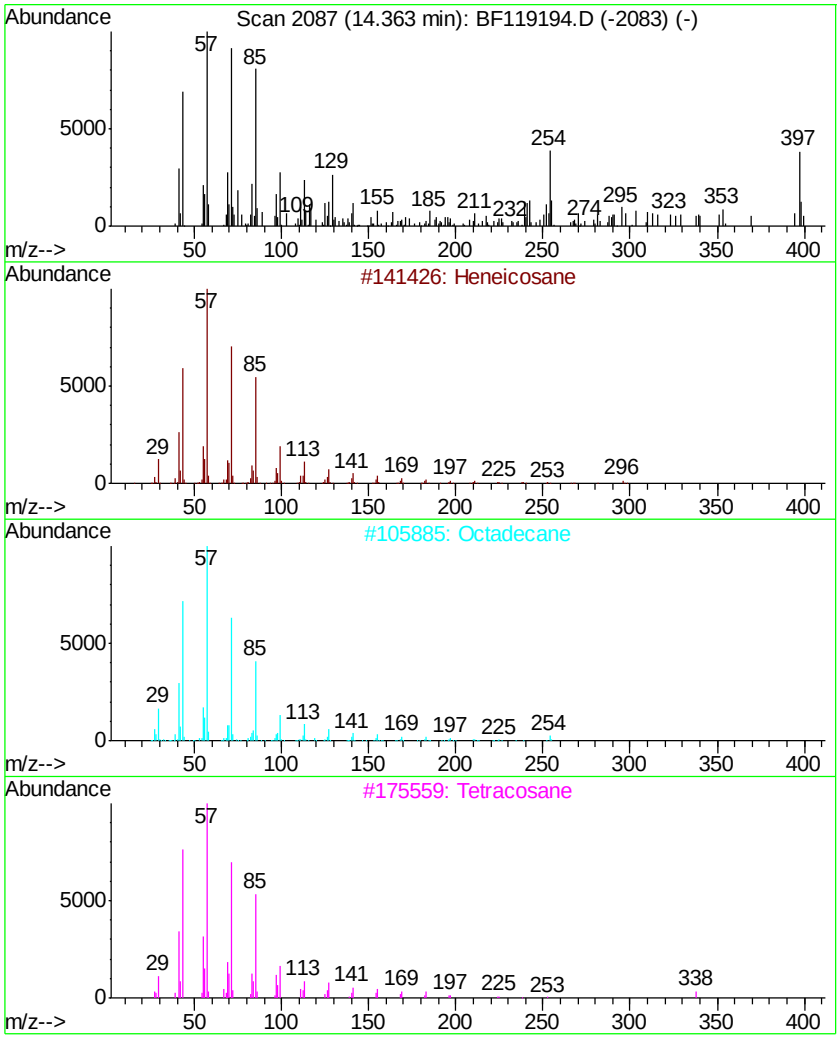
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

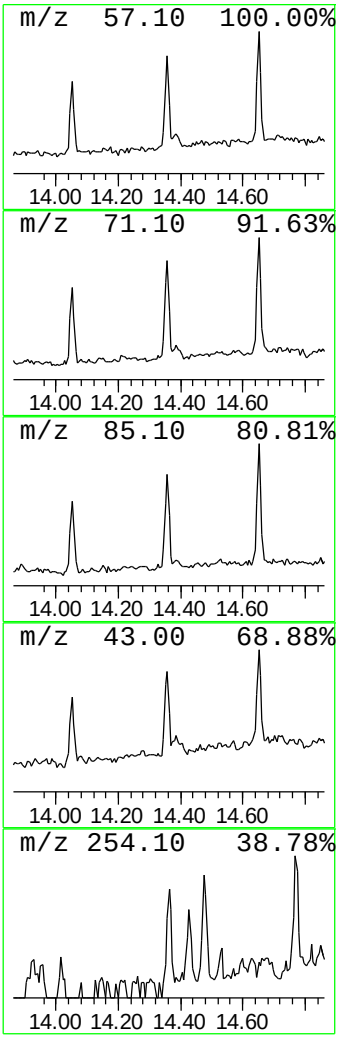
****

Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	2.31 ng	101240	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Octadecane	254	C18H38	000593-45-3	93
3	Tetracosane	338	C24H50	000646-31-1	93
4	Heptadecane	240	C17H36	000629-78-7	89
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119194.D
Acq On : 4 Mar 2020 14:55
Operator : CG/JU
Sample : L1762-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-06-030220

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

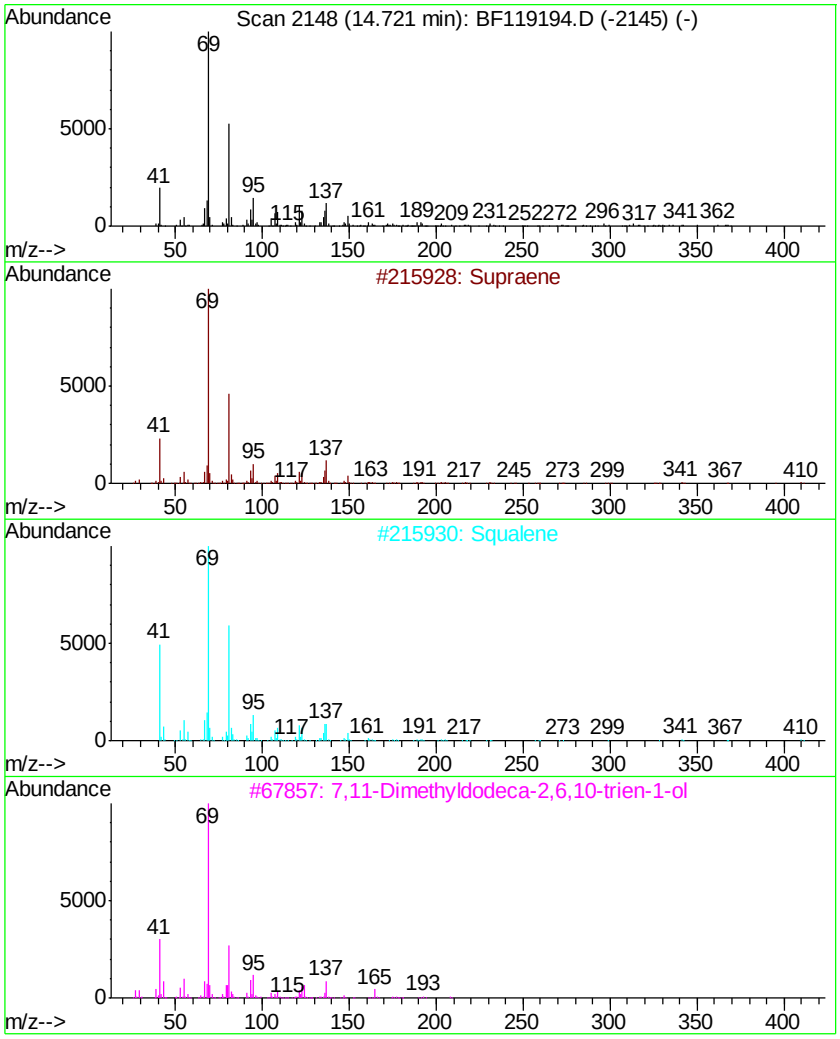
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

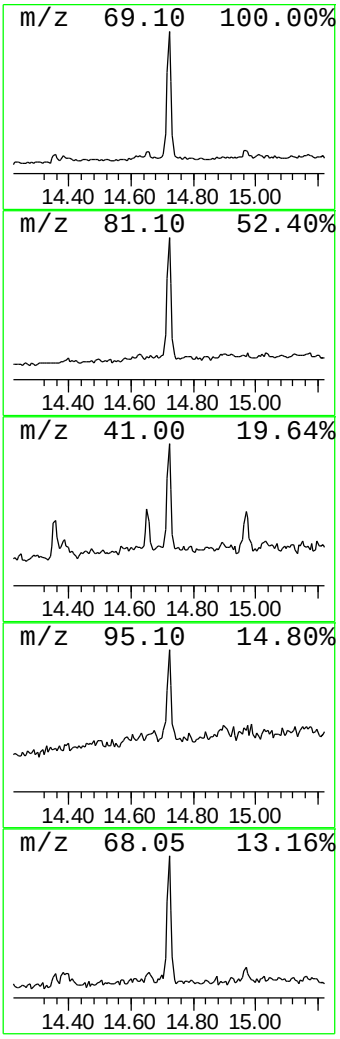
****

Peak Number 6 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.80 ng	194236	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	90
2	Squalene	410	C30H50	000111-02-4	90
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	64
5	trans-Farnesol	222	C15H26O	000106-28-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030420\
Data File : BF119194.D
Acq On : 4 Mar 2020 14:55
Operator : CG/JU
Sample : L1762-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-06-030220

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	4.2	ng	190414	4	11.26	911487	20.0
Hexadecane	14.05	2.0	ng	89516	5	13.90	877814	20.0
Heneicosane	14.36	2.3	ng	101240	5	13.90	877814	20.0
Supraene	14.72	3.8	ng	194236	6	15.33	1022620	20.0