LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113206.D
Acq On : 21 Mar 2019 14:08
Operator : JU/SJ
Sample : K1688-37 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-I

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-BF022719.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	5.334	548	552	569	rBV	258168	317401	8.71%	1.514%
2	6.363	723	727	742	rBV	339552	414431	11.37%	1.977%
3	6.492	745	749	760	rVV	447974	414858	11.38%	1.979%
4	6.722	784	788	797	rBV	1102857	931306	25.56%	4.442%
5	6.875	811	814	825	rBV	328664	313431	8.60%	1.495%
6	7.281	880	883	890	rBV	185485	205781	5.65%	0.981%
7	8.004	1002	1006	1013	rBV	1160364	1062878	29.17%	5.070%
8	8.604	1104	1108	1115	rBV	32044	43239	1.19%	0.206%
9	9.080	1185	1189	1194	rBV	417160	460949	12.65%	2.199%
10	9.169	1200	1204	1208	rBV	71601	59616	1.64%	0.284%
11	9.475	1253	1256	1260	rBV2	41286	67242	1.85%	0.321%
12	9.698	1291	1294	1298	rVB	88715	71704	1.97%	0.342%
13	9.757	1298	1304	1310	rBV	1394374	1382032	37.93%	6.592%
14	10.192	1375	1378	1381	rBV	126577	105558	2.90%	0.503%
15	10.416	1409	1416	1421	rBV	56238	75326	2.07%	0.359%
16	10.539	1433	1437	1442	rBV	301231	328819	9.02%	1.568%
17	10.663	1455	1458	1467	rBV	148090	180344	4.95%	0.860%
18	11.110	1532	1534	1537	rBV	133006	118896	3.26%	0.567%
19	11.145	1537	1540	1545	rVB	53012	57590	1.58%	0.275%
20	11.233	1551	1555	1562	rBV	1608434	1442690	39.59%	6.881%
21	11.539	1604	1607	1609	rBV	111915	102127	2.80%	0.487%
22	11.633	1620	1623	1627	rBV	1815046	1520351	41.72%	7.251%
23	11.769	1643	1646	1650	rBV2	115085	121670	3.34%	0.580%
24	11.939	1671	1675	1679	rBV	91231	101913	2.80%	0.486%
25	12.321	1735	1740	1741	rBV	3585911	3579419	98.23%	17.072%
26	12.339	1741	1743	1750	rVV	3571986	3643942	100.00%	17.380%
27	12.421	1754	1757	1761	rBV	729428	611688	16.79%	2.918%
28	12.657	1794	1797	1802	rVB2	107111	111148	3.05%	0.530%
29	12.698	1802	1804	1807	rBV	71107	60073	1.65%	0.287%
30	12.810	1820	1823	1829	rBV	425094	415127	11.39%	1.980%
31	12.980	1849	1852	1854	rBV	83625	80527	2.21%	0.384%
32	13.057	1862	1865	1870	rBV3	78227	118225	3.24%	0.564%
33	13.145	1878	1880	1884	rVB	80549	65584	1.80%	0.313%
34	13.398	1920	1923	1926	rVB	49121	44179	1.21%	0.211%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113206.D
Acq On : 21 Mar 2019 14:08
Operator : JU/SJ
Sample : K1688-37 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-I

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.721	1976	1978	1982	rBV	49244	46533	1.28%	0.222%
36	13.815	1991	1994	1998	rBV2	44561	42737	1.17%	0.204%
37	13.862	1998	2002	2010	rBV	1253058	1168775	32.07%	5.575%
38	14.039	2029	2032	2035	rVB	64071	64574	1.77%	0.308%
39	14.345	2081	2084	2087	rBV	68883	84919	2.33%	0.405%
40	14.639	2131	2134	2136	rBV	93224	96198	2.64%	0.459%
41	15.274	2238	2242	2246	rBV	678080	832279	22.84%	3.970%

Sum of corrected areas: 20966079

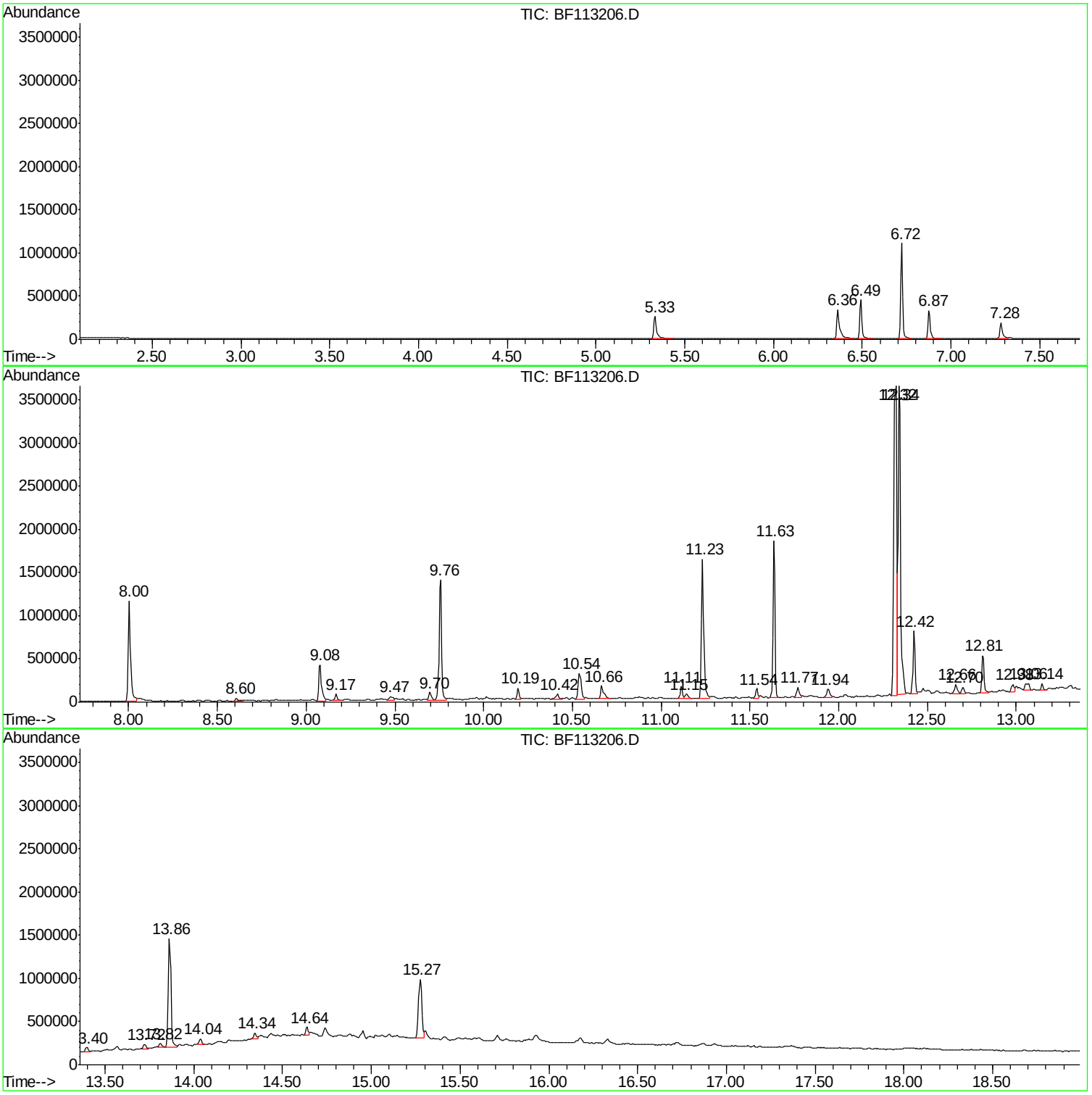
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113206.D
Acq On : 21 Mar 2019 14:08
Operator : JU/SJ
Sample : K1688-37 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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Data File : BF113206.D
Acq On : 21 Mar 2019 14:08
Operator : JU/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

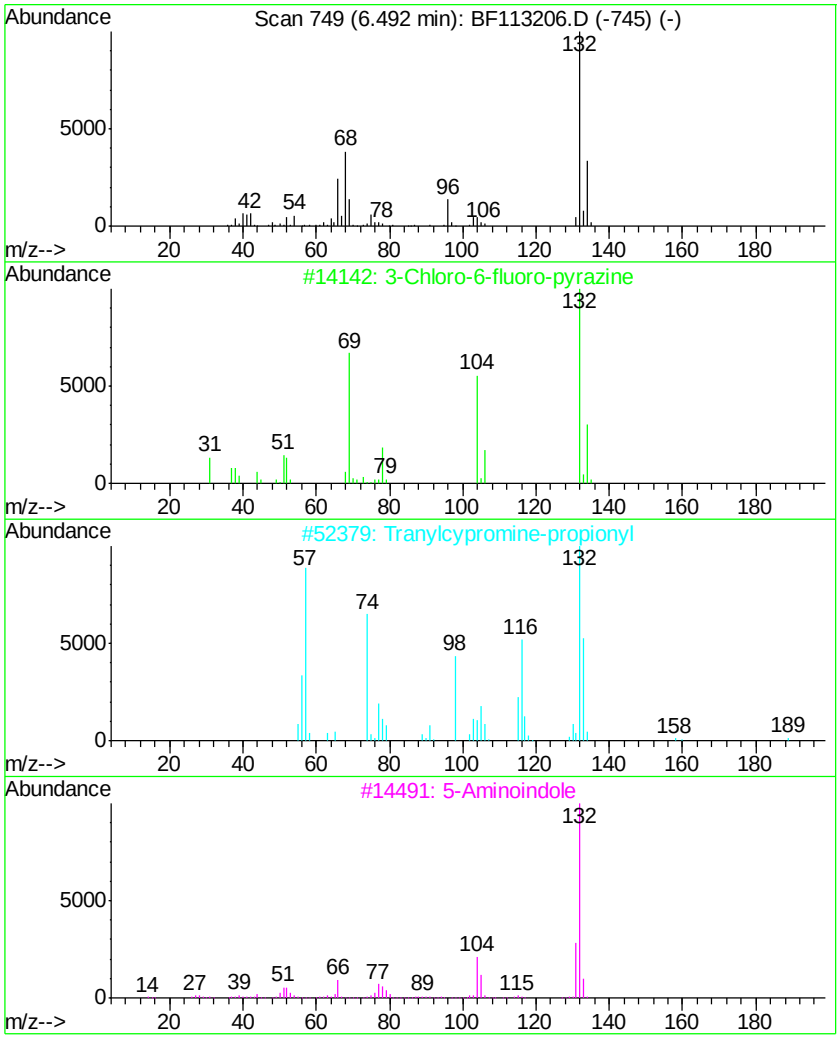
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

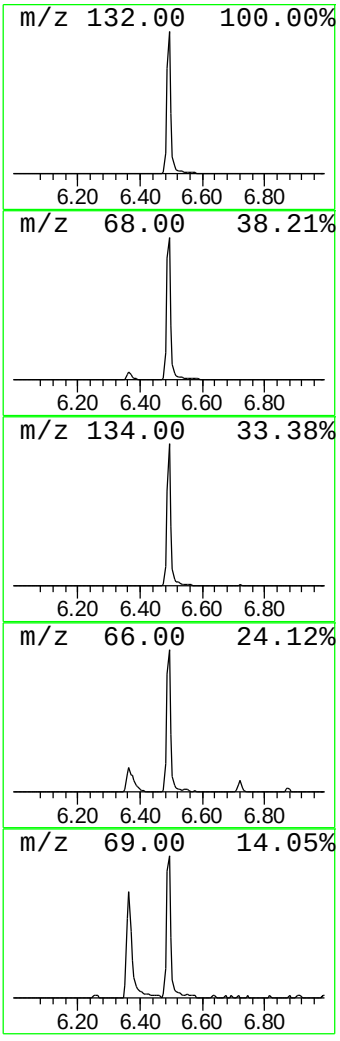
****

Peak Number 1 unknown6.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	8.91 ng	414858	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	Xenon	132	Xe	007440-63-3	9





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Acq On : 21 Mar 2019 14:08
Operator : JU/SJ
Sample : K1688-37 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

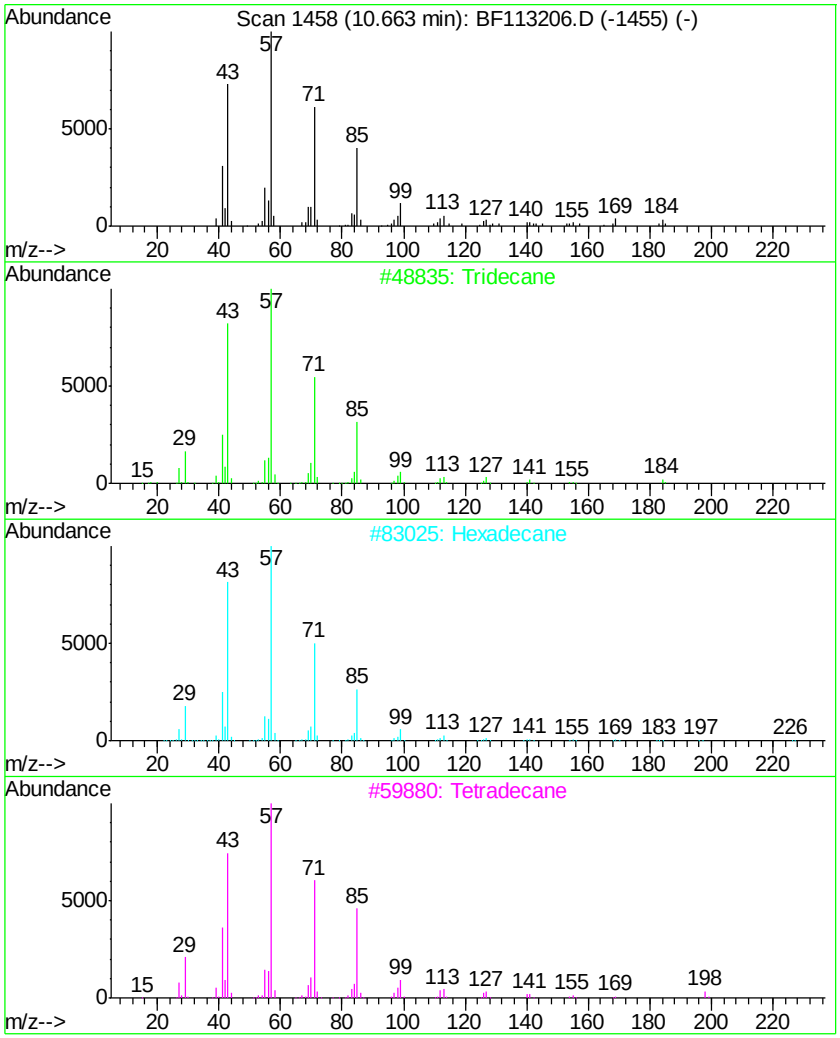
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

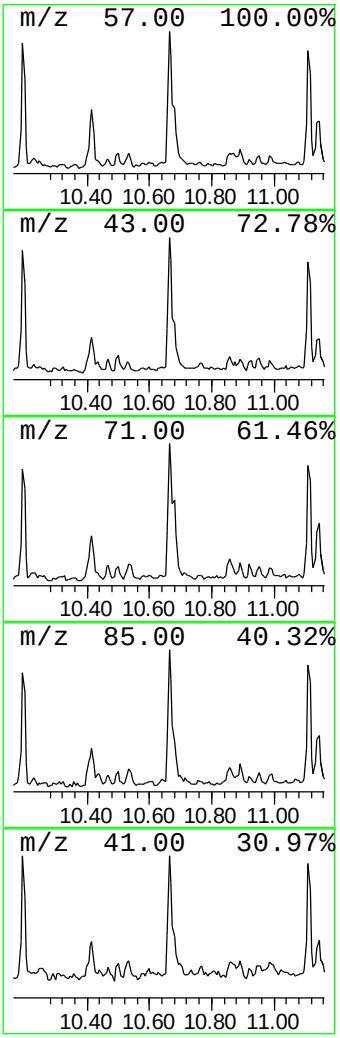
****

Peak Number 3 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.50 ng	180344	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113206.D
Acq On : 21 Mar 2019 14:08
Operator : JU/SJ
Sample : K1688-37 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

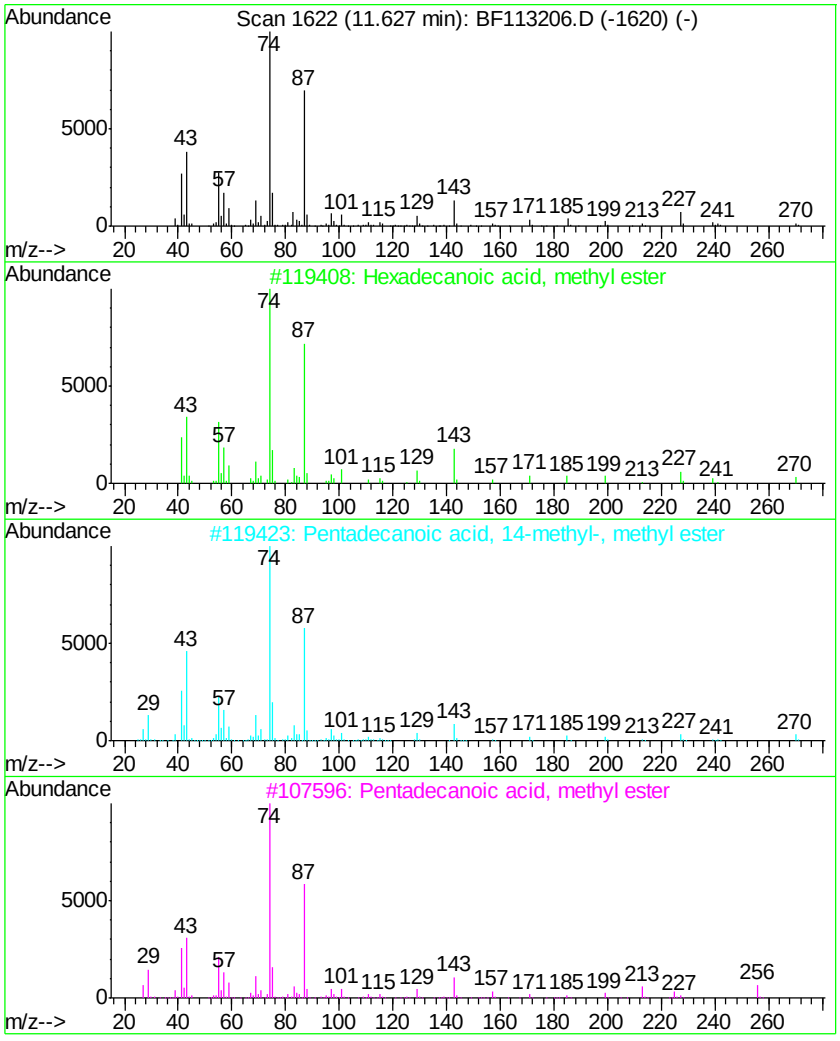
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

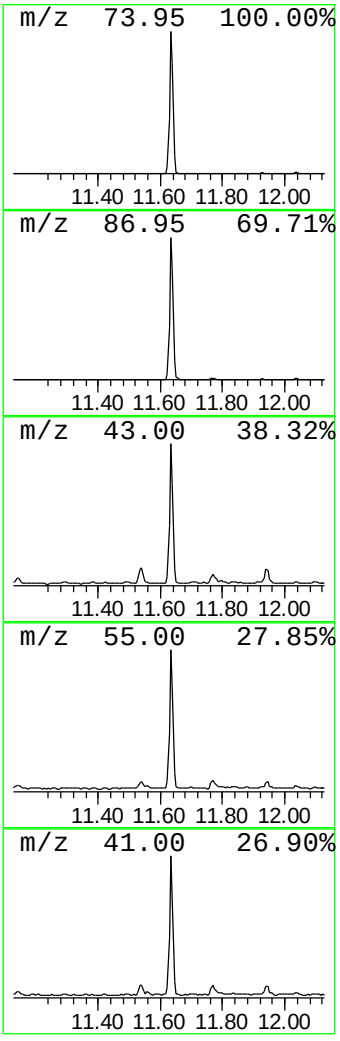
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	21.08 ng	1520350	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	80
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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Sample : K1688-37 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

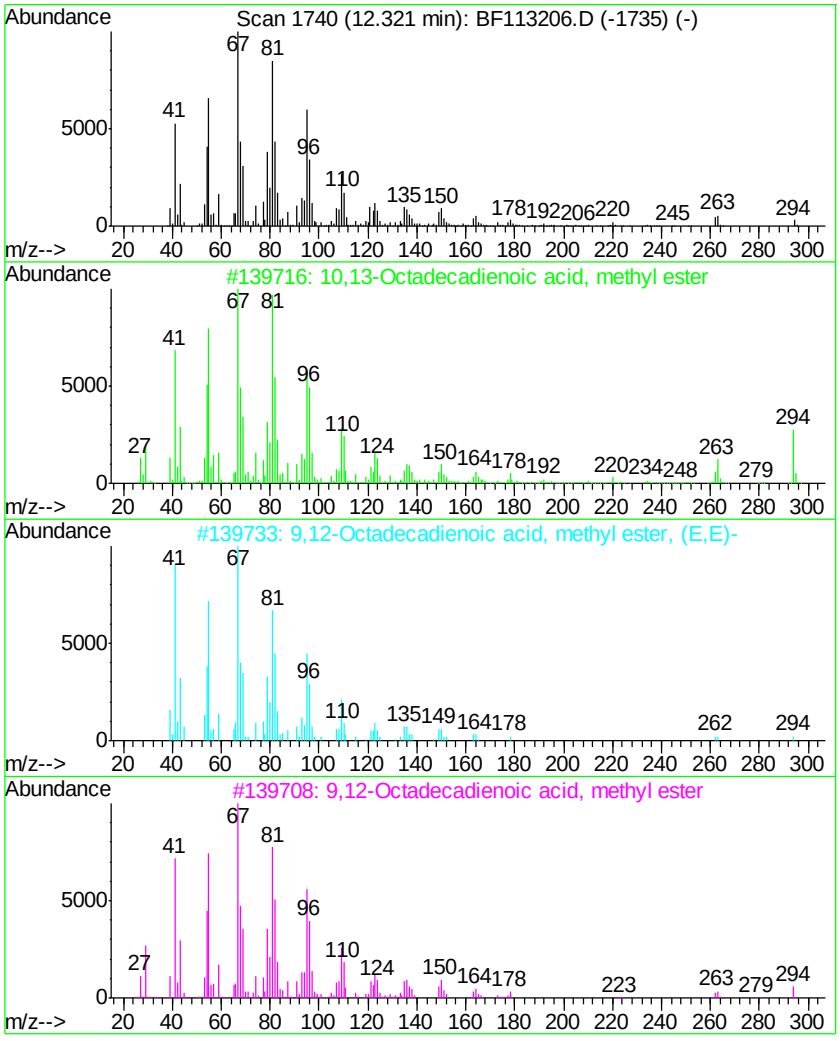
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

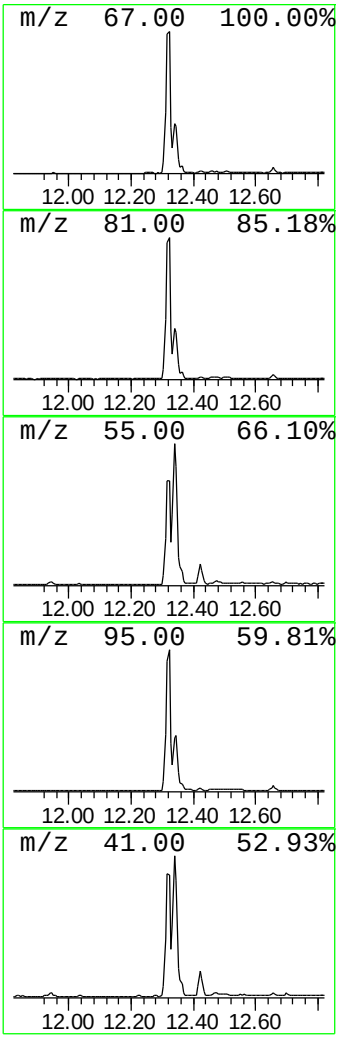
****

Peak Number 5 10,13-Octadecadienoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	49.62 ng	3579420	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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Sample : K1688-37 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

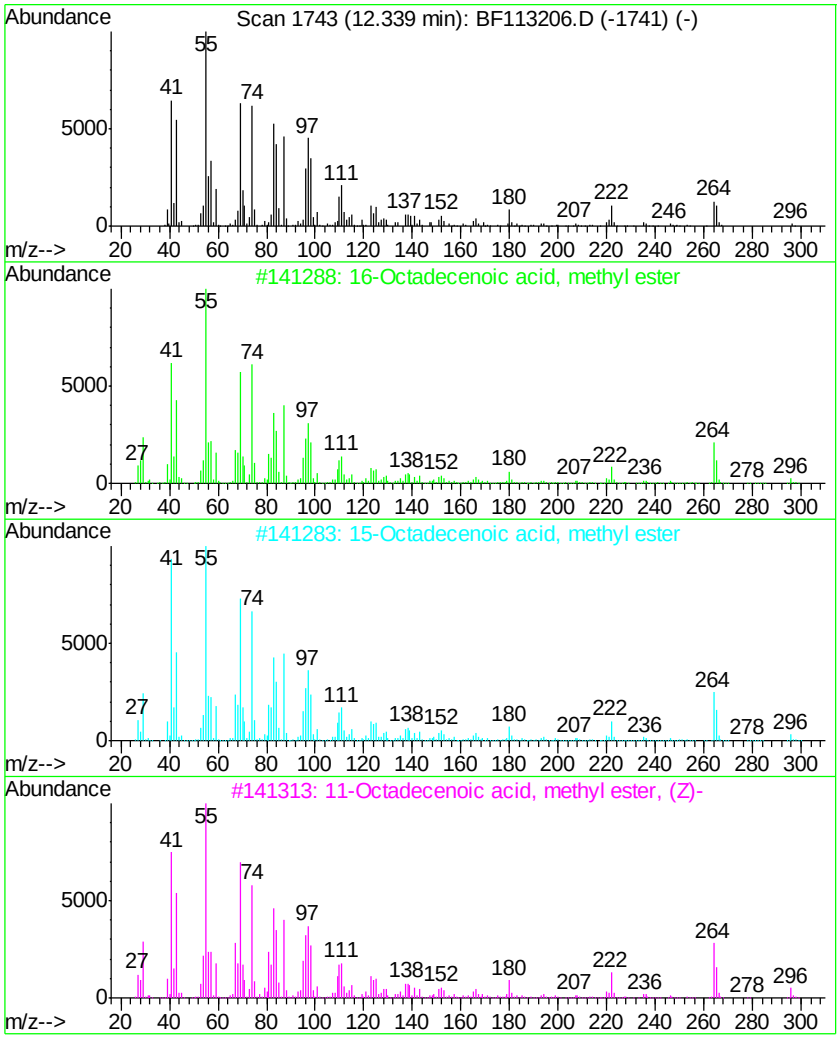
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

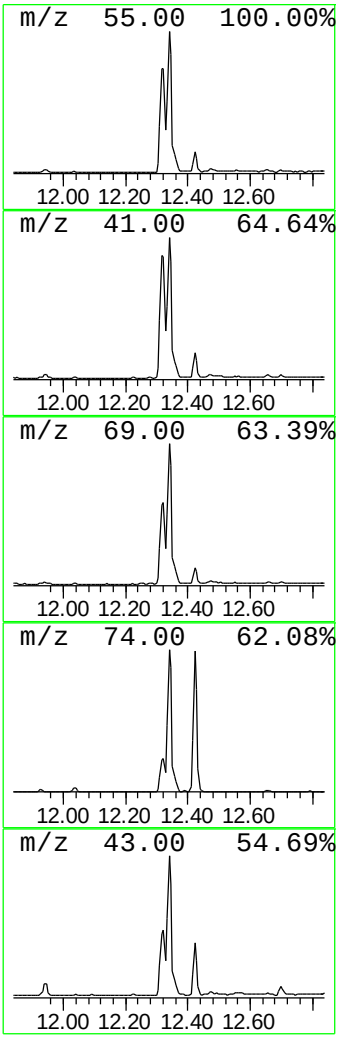
****

Peak Number 6 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	50.52 ng	3643940	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	95
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	95
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

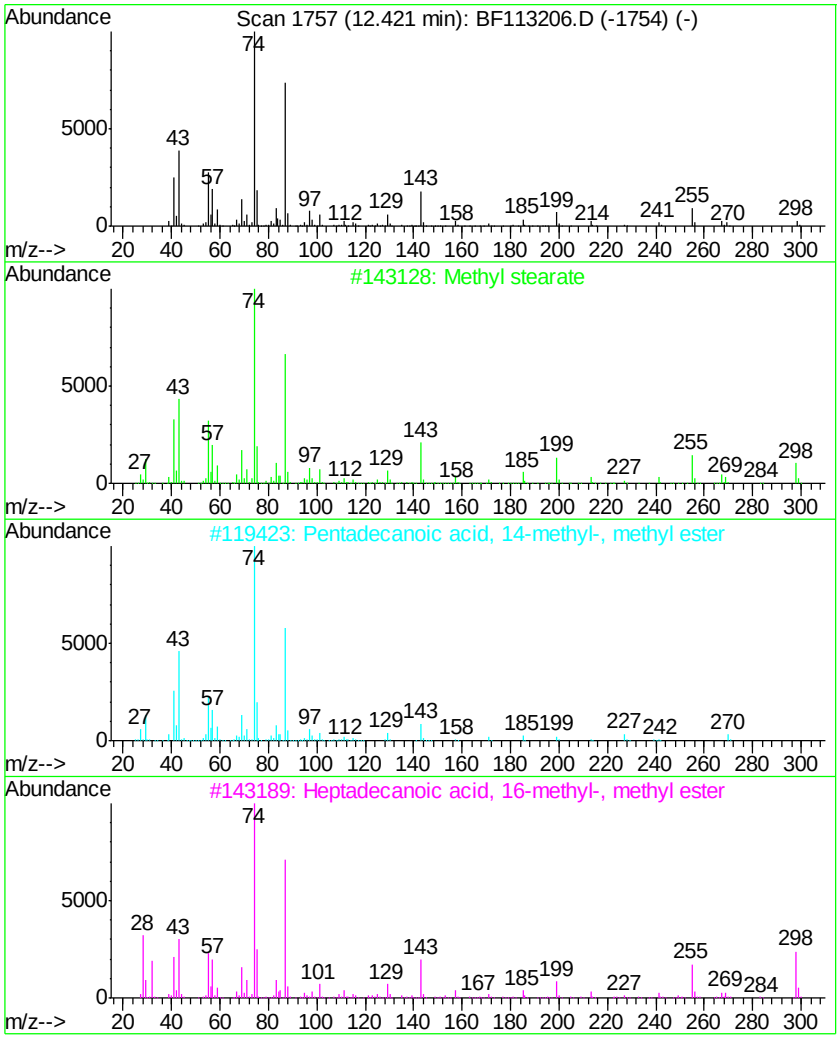
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

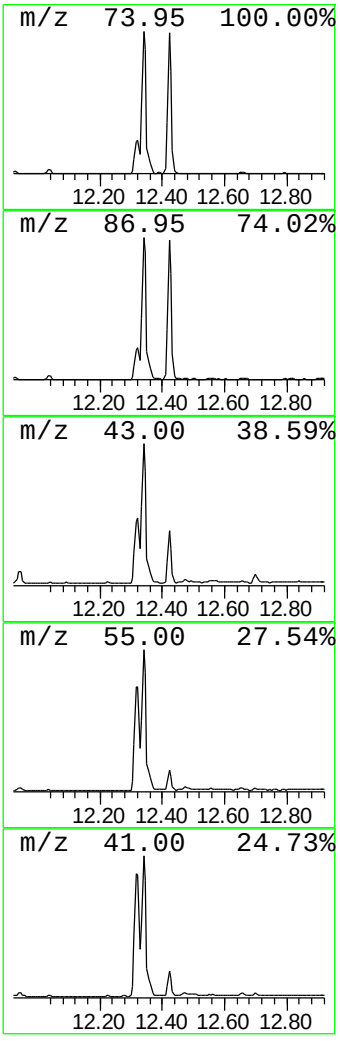
****

Peak Number 7 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	8.48 ng	611688	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

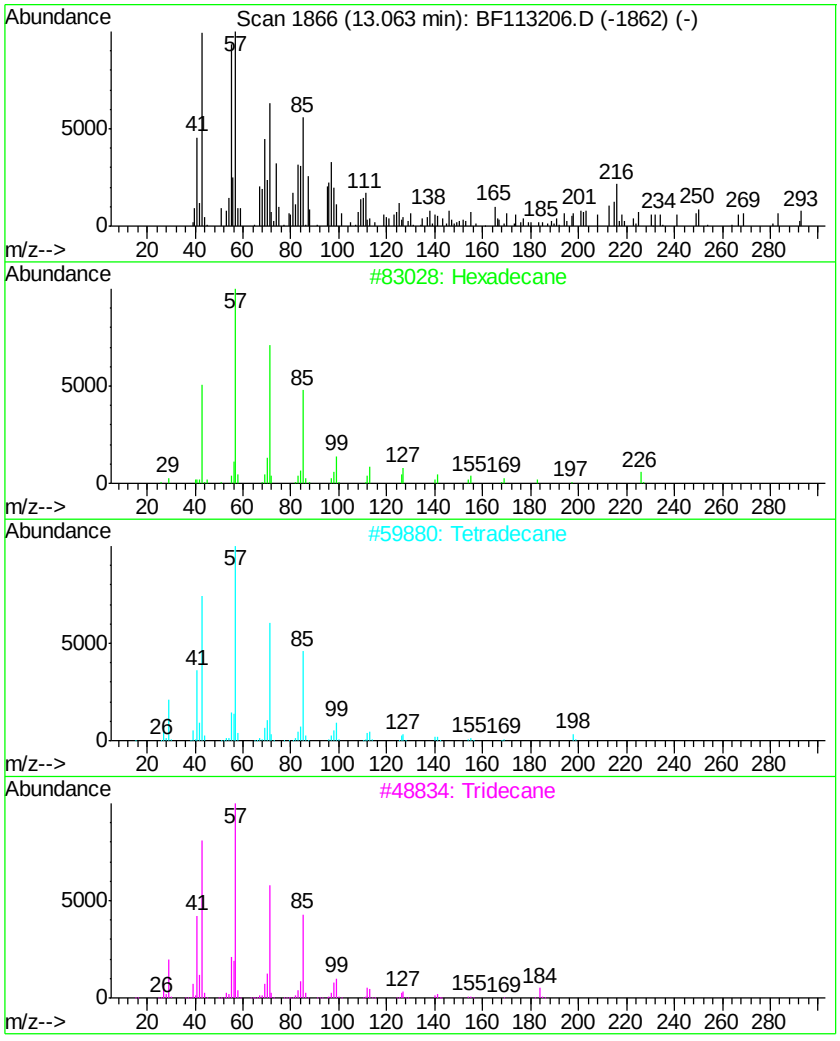
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

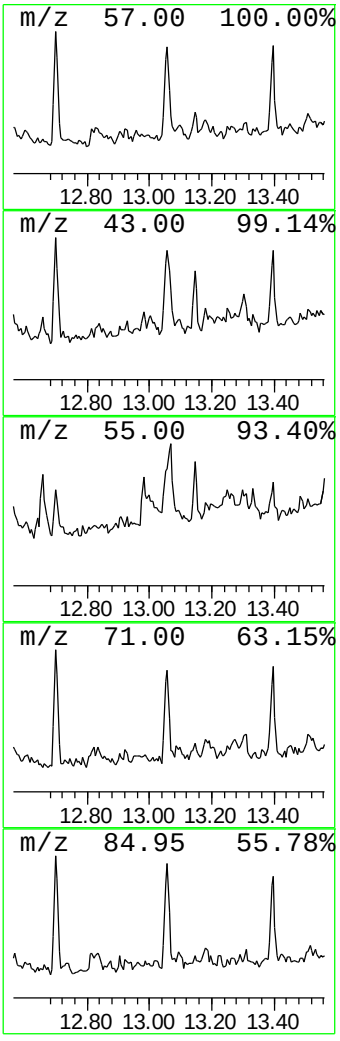
****

Peak Number 8 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.02 ng	118225	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	70
4	Hexacosane	366	C26H54	000630-01-3	64
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

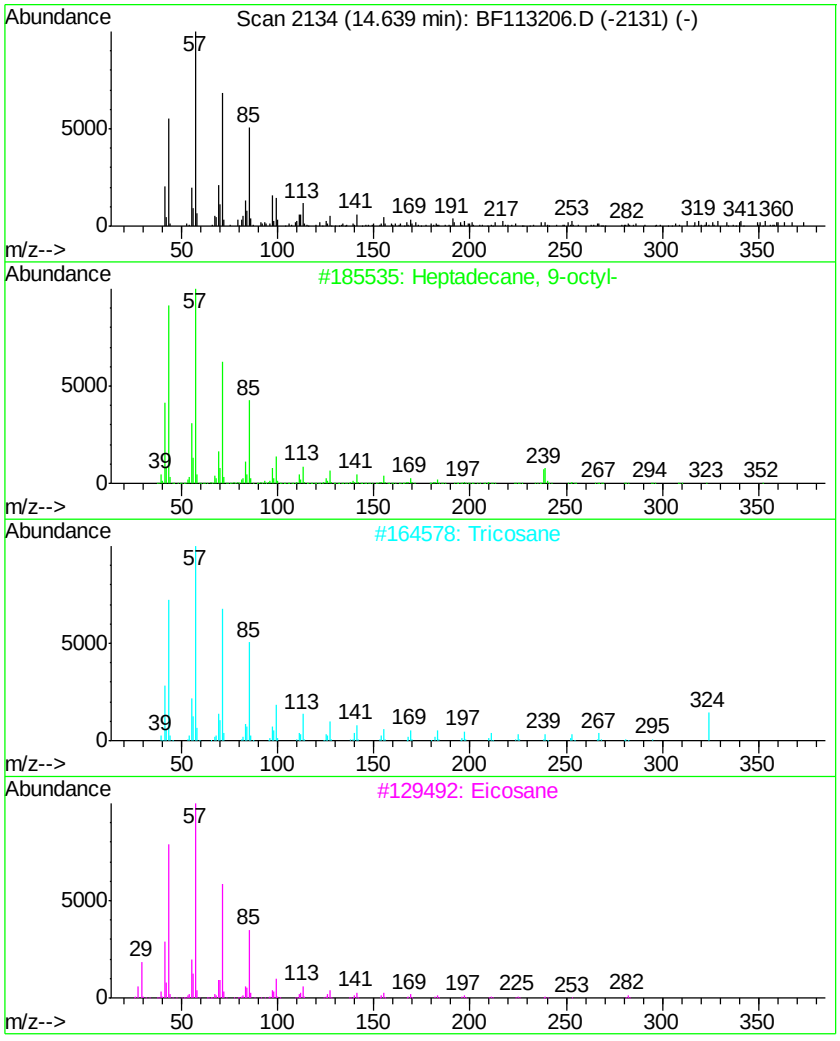
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

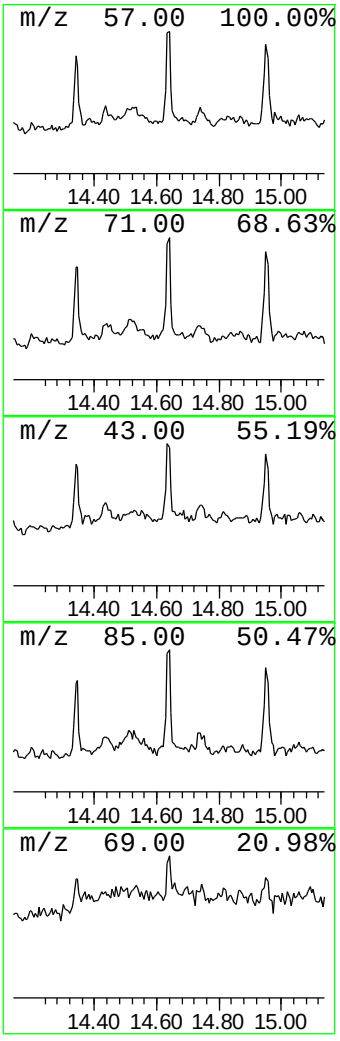
****

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.31 ng	96198	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Tricosane	324	C23H48	000638-67-5	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113206.D
Acq On : 21 Mar 2019 14:08
Operator : JU/SJ
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Instrument : BNA_F
ClientSampleId : JC-02-031919-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.49	6.49	8.9	ng	414858	1	6.72	931306	20.0
Tridecane	10.66	2.5	ng	180344	4	11.23	1442690	20.0
Hexadecanoic acid...	11.63	21.1	ng	1520350	4	11.23	1442690	20.0
10,13-Octadecadie...	12.32	49.6	ng	3579420	4	11.23	1442690	20.0
16-Octadecenoic a...	12.34	50.5	ng	3643940	4	11.23	1442690	20.0
Methyl stearate	12.42	8.5	ng	611688	4	11.23	1442690	20.0
Hexadecane	13.06	2.0	ng	118225	5	13.86	1168780	20.0
Heptadecane, 9-oc...	14.64	2.3	ng	96198	6	15.27	832279	20.0