LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113970.D
Acq On : 24 Apr 2019 19:07
Operator : JU/SJ
Sample : K2539-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-006-A

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-BF042219.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	4.487	404	408	416	rBV	33405	41480	3.85%	0.360%
2	5.098	508	512	528	rBV	150056	173208	16.08%	1.504%
3	5.510	579	582	589	rVB	18594	21396	1.99%	0.186%
4	6.510	746	752	763	rBV	179490	195061	18.11%	1.694%
5	6.663	774	778	783	rBV	112618	102946	9.56%	0.894%
6	6.739	786	791	793	rVB	15261	15699	1.46%	0.136%
7	6.892	814	817	821	rBV	801186	729483	67.74%	6.335%
8	7.051	840	844	851	rBV	250376	204592	19.00%	1.777%
9	7.445	904	911	917	rBV	136126	144673	13.43%	1.256%
10	7.498	917	920	924	rVB	16303	16289	1.51%	0.141%
11	8.175	1030	1035	1044	rBV	1076531	981525	91.15%	8.523%
12	8.769	1134	1136	1140	rVB	21903	19857	1.84%	0.172%
13	9.204	1207	1210	1214	rVB3	12493	12869	1.20%	0.112%
14	9.251	1214	1218	1224	rBV	330170	320052	29.72%	2.779%
15	9.333	1228	1232	1237	rBV2	33356	35143	3.26%	0.305%
16	9.639	1282	1284	1289	rBV2	28118	37204	3.45%	0.323%
17	9.792	1308	1310	1315	rBV3	8274	13114	1.22%	0.114%
18	9.863	1317	1322	1329	rBV	32988	34739	3.23%	0.302%
19	9.933	1330	1334	1338	rBV	1182265	1076882	100.00%	9.351%
20	10.133	1364	1368	1370	rBV2	12789	14628	1.36%	0.127%
21	10.363	1404	1407	1410	rVB	37980	27392	2.54%	0.238%
22	10.474	1424	1426	1432	rVB2	17749	22225	2.06%	0.193%
23	10.586	1440	1445	1448	rBV3	17056	17373	1.61%	0.151%
24	10.833	1484	1487	1497	rBV4	42522	67927	6.31%	0.590%
25	11.280	1556	1563	1566	rBV2	41194	50165	4.66%	0.436%
26	11.316	1566	1569	1575	rVB2	33415	39206	3.64%	0.340%
27	11.416	1582	1586	1588	rBV	1191543	1009228	93.72%	8.764%
28	11.439	1588	1590	1594	rVV	156667	141565	13.15%	1.229%
29	11.492	1596	1599	1603	rVB	25945	27882	2.59%	0.242%
30	11.645	1621	1625	1626	rBV	11910	13708	1.27%	0.119%
31	11.710	1633	1636	1638	rBV	38894	30639	2.85%	0.266%
32	11.745	1638	1642	1647	rVB2	10901	19590	1.82%	0.170%
33	11.804	1649	1652	1656	rBV	338694	302280	28.07%	2.625%
34	11.915	1668	1671	1673	rBV	23360	23073	2.14%	0.200%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113970.D
Acq On : 24 Apr 2019 19:07
Operator : JU/SJ
Sample : K2539-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-006-A

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.945	1673	1676	1679	rVB	33871	34264	3.18%	0.298%
36	12.027	1687	1690	1693	rBV	32978	39003	3.62%	0.339%
37	12.051	1693	1694	1698	rVB2	22763	16338	1.52%	0.142%
38	12.115	1703	1705	1708	rBV	46822	34054	3.16%	0.296%
39	12.210	1719	1721	1723	rBV	19614	17072	1.59%	0.148%
40	12.233	1723	1725	1729	rVB3	13133	18997	1.76%	0.165%
41	12.345	1741	1744	1746	rBV3	14028	17231	1.60%	0.150%
42	12.392	1750	1752	1758	rBV5	23980	36881	3.42%	0.320%
43	12.463	1762	1764	1766	rBV	32269	35337	3.28%	0.307%
44	12.492	1766	1769	1771	rVV	1136187	1002877	93.13%	8.709%
45	12.515	1771	1773	1780	rVV	891632	801201	74.40%	6.958%
46	12.598	1784	1787	1789	rBV	170525	133840	12.43%	1.162%
47	12.627	1789	1792	1795	rVV	167466	143446	13.32%	1.246%
48	12.668	1797	1799	1801	rBV3	15427	14953	1.39%	0.130%
49	12.721	1806	1808	1810	rBV2	16499	17298	1.61%	0.150%
50	12.780	1816	1818	1821	rBV3	19166	20082	1.86%	0.174%
51	12.857	1825	1831	1833	rBV	145912	174247	16.18%	1.513%
52	12.992	1851	1854	1864	rVB	348506	329602	30.61%	2.862%
53	13.180	1884	1886	1889	rVB2	37812	36879	3.42%	0.320%
54	13.233	1892	1895	1900	rBV2	63627	84193	7.82%	0.731%
55	13.574	1950	1953	1956	rBV2	65729	67591	6.28%	0.587%
56	13.904	2007	2009	2011	rVB	67974	49550	4.60%	0.430%
57	14.057	2030	2035	2037	rBV	986362	1061250	98.55%	9.216%
58	14.080	2037	2039	2041	rVB	78578	64557	5.99%	0.561%
59	14.221	2061	2063	2070	rVB2	98001	87664	8.14%	0.761%
60	14.533	2114	2116	2119	rBV	88208	83611	7.76%	0.726%
61	14.851	2167	2170	2172	rBV	105884	105991	9.84%	0.920%
62	15.192	2226	2228	2232	rVB	118470	128073	11.89%	1.112%
63	15.551	2284	2289	2292	rBV	684322	876454	81.39%	7.611%

Sum of corrected areas: 11515629

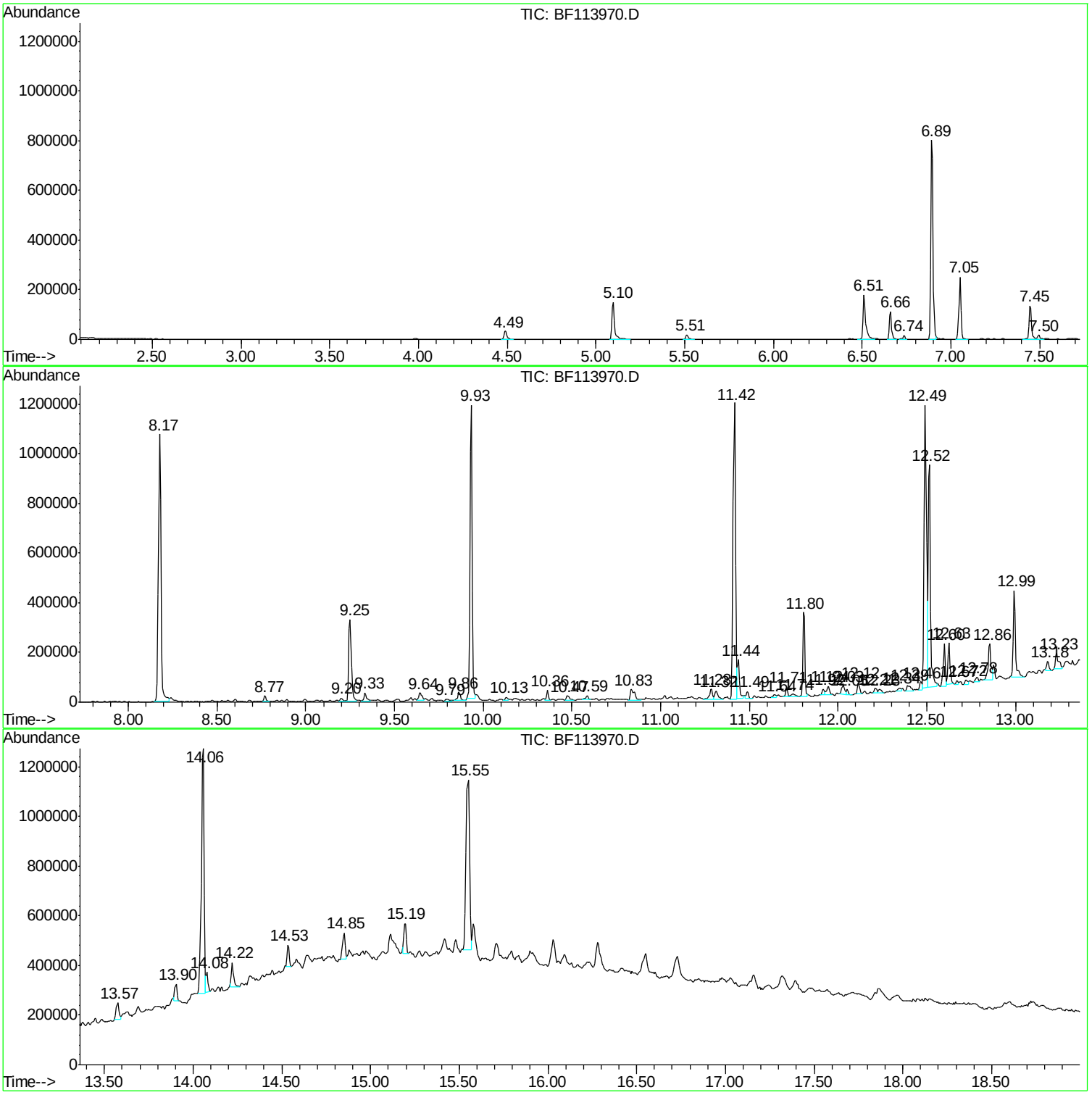
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113970.D
Acq On : 24 Apr 2019 19:07
Operator : JU/SJ
Sample : K2539-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF042419\
Data File : BF113970.D
Acq On : 24 Apr 2019 19:07
Operator : JU/SJ
Sample : K2539-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

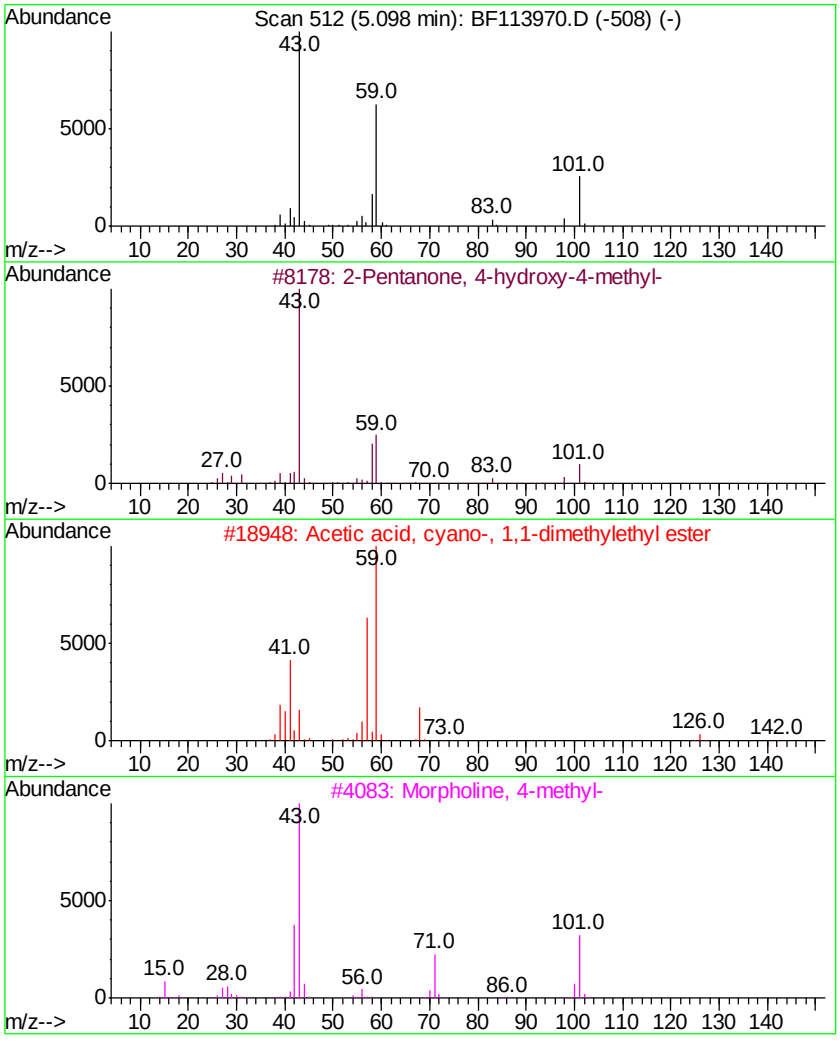
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

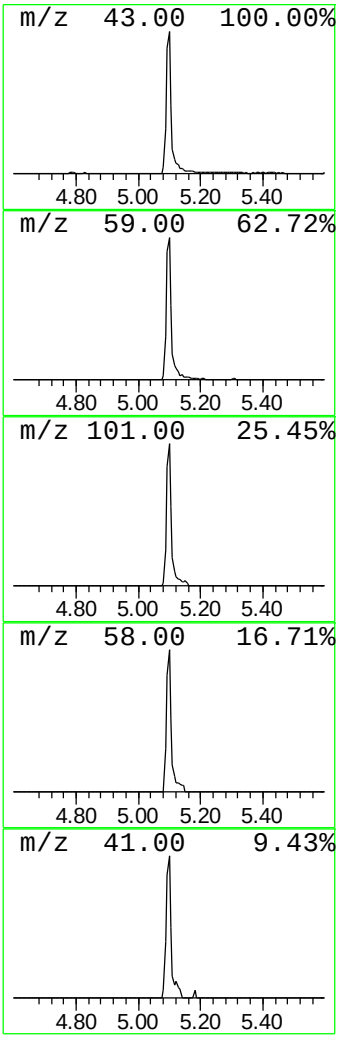
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	4.75 ng	173208	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113970.D
Acq On : 24 Apr 2019 19:07
Operator : JU/SJ
Sample : K2539-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

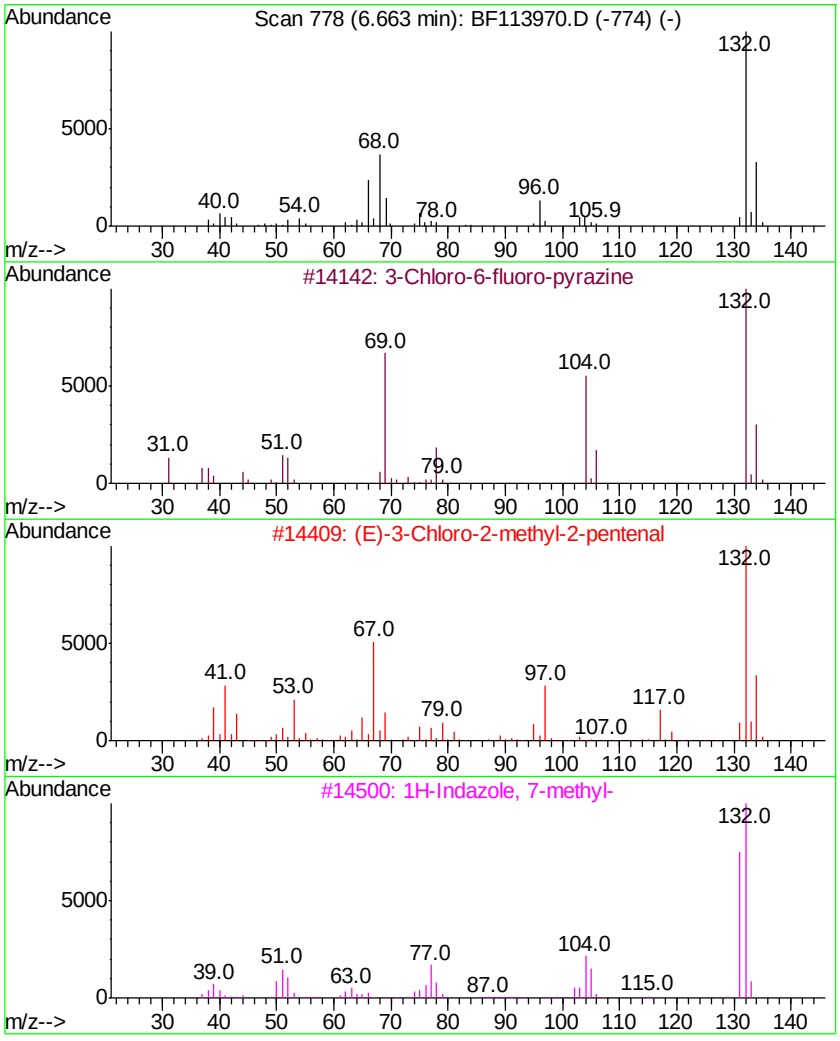
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

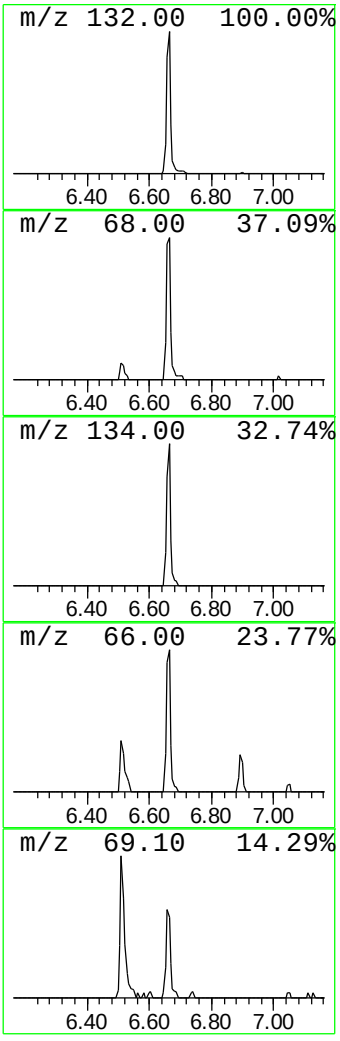
****

Peak Number 2 unknown6.66 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	2.82 ng	102946	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113970.D
Acq On : 24 Apr 2019 19:07
Operator : JU/SJ
Sample : K2539-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

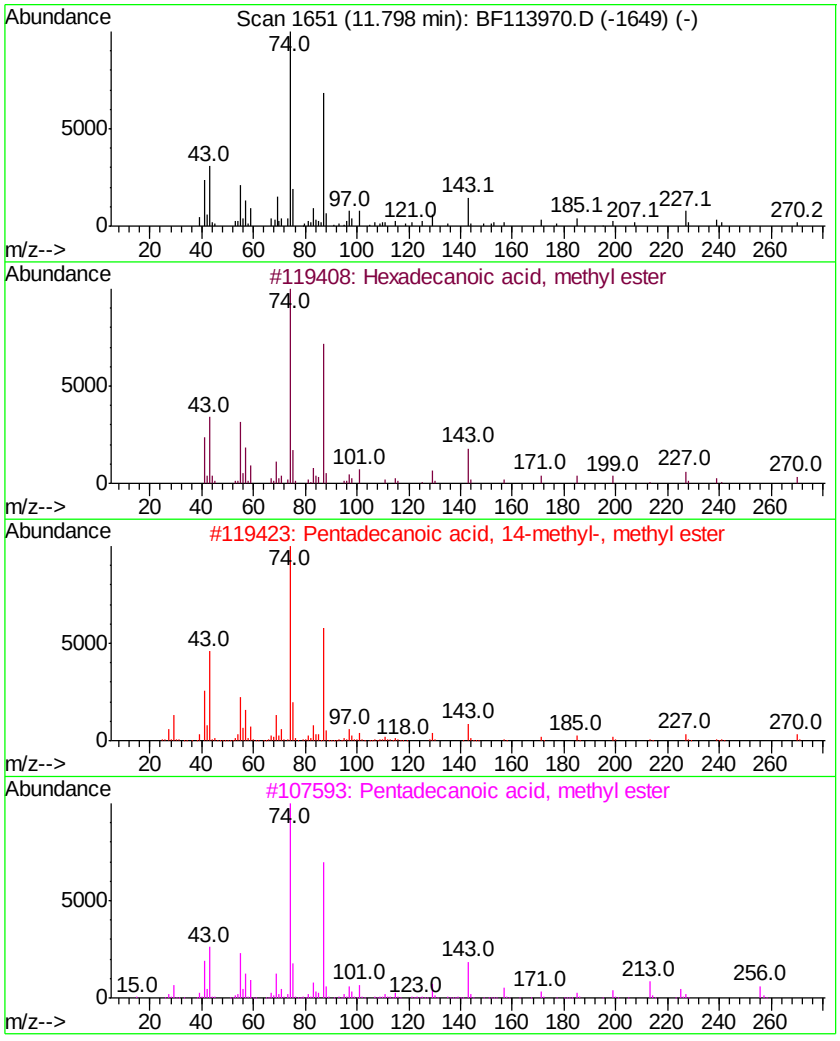
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

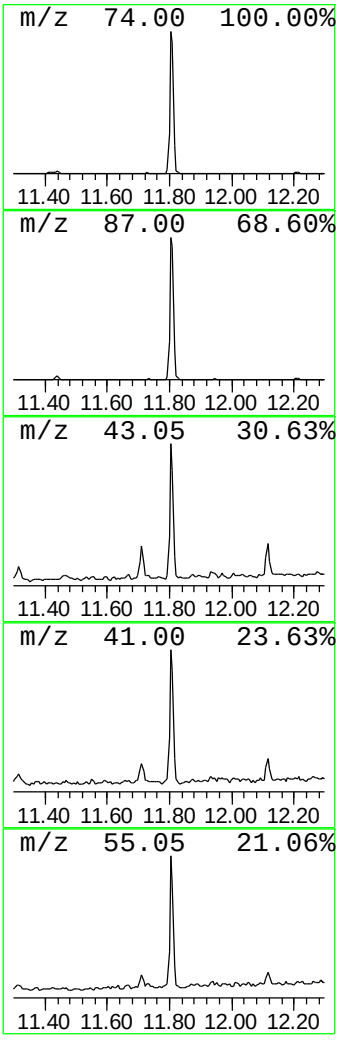
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.99 ng	302280	Phenanthrene-d10	11.42

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	98
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113970.D
Acq On : 24 Apr 2019 19:07
Operator : JU/SJ
Sample : K2539-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

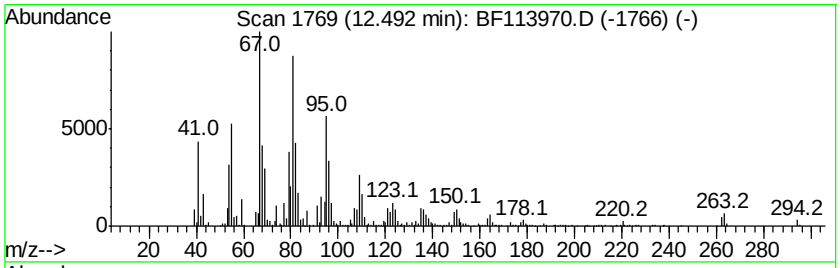
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

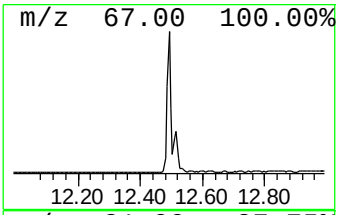
****

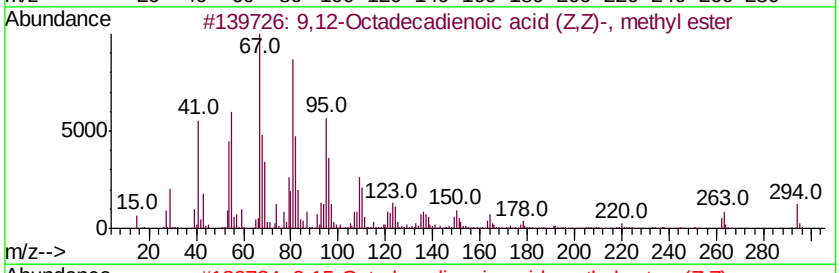
Peak Number 5 9,12-Octadecadienoic acid (... Concentration Rank 1

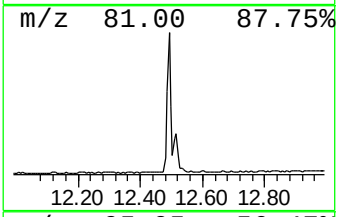
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	19.87 ng	1002880	Phenanthrene-d10	11.42

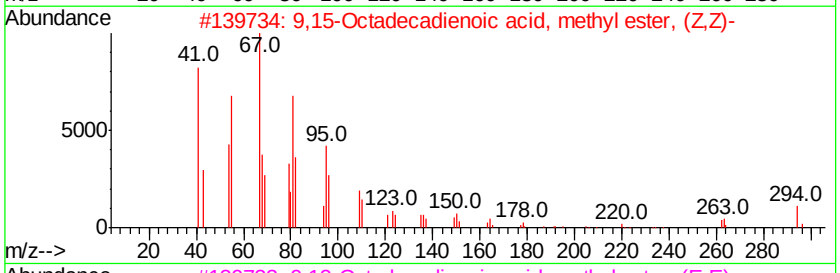
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98

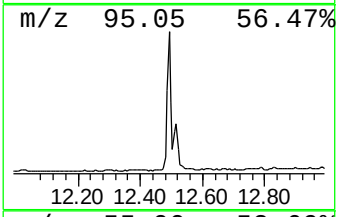


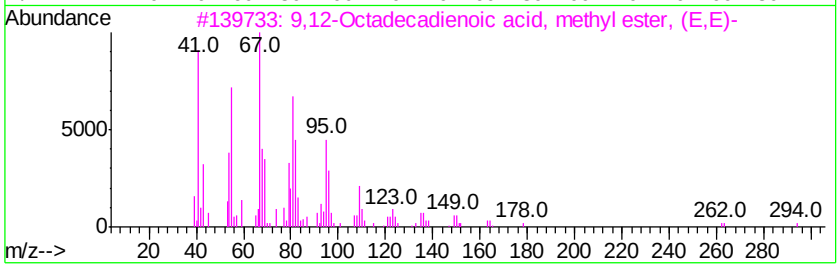


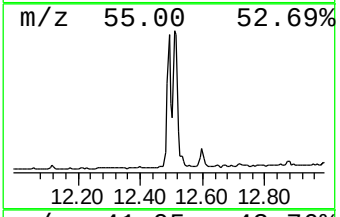


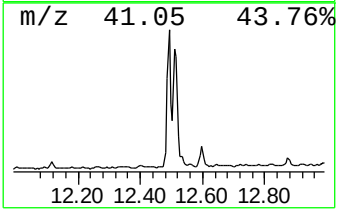












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113970.D
Acq On : 24 Apr 2019 19:07
Operator : JU/SJ
Sample : K2539-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

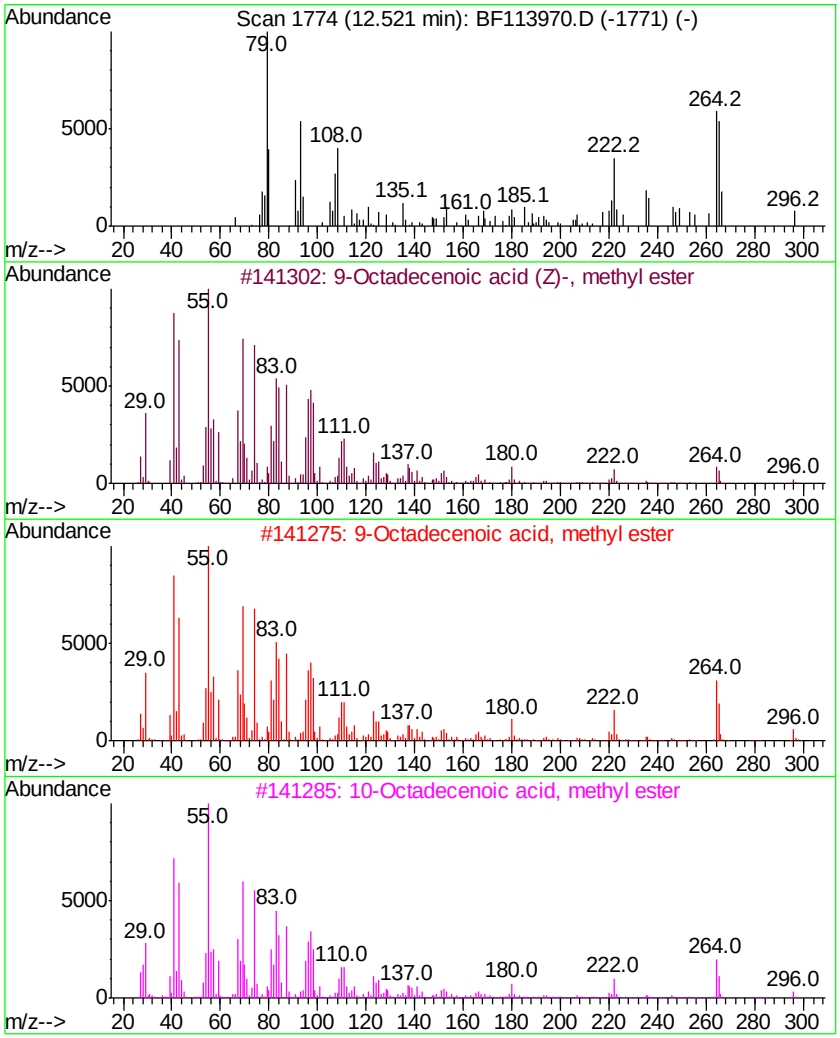
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

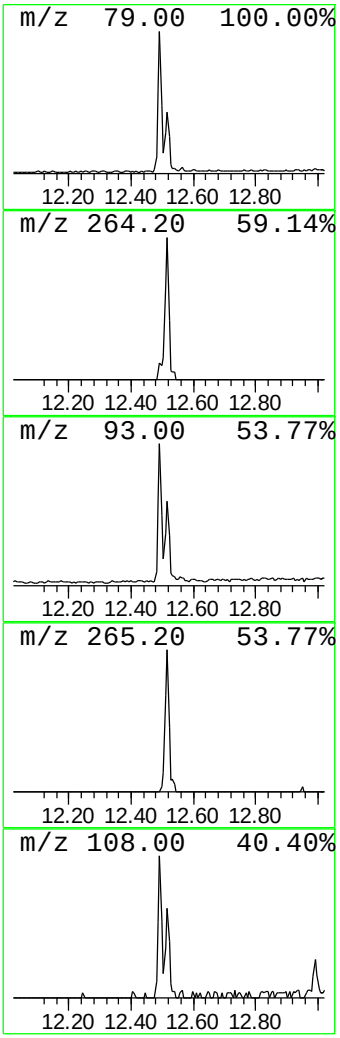
****

Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	15.88 ng	801201	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113970.D
Acq On : 24 Apr 2019 19:07
Operator : JU/SJ
Sample : K2539-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

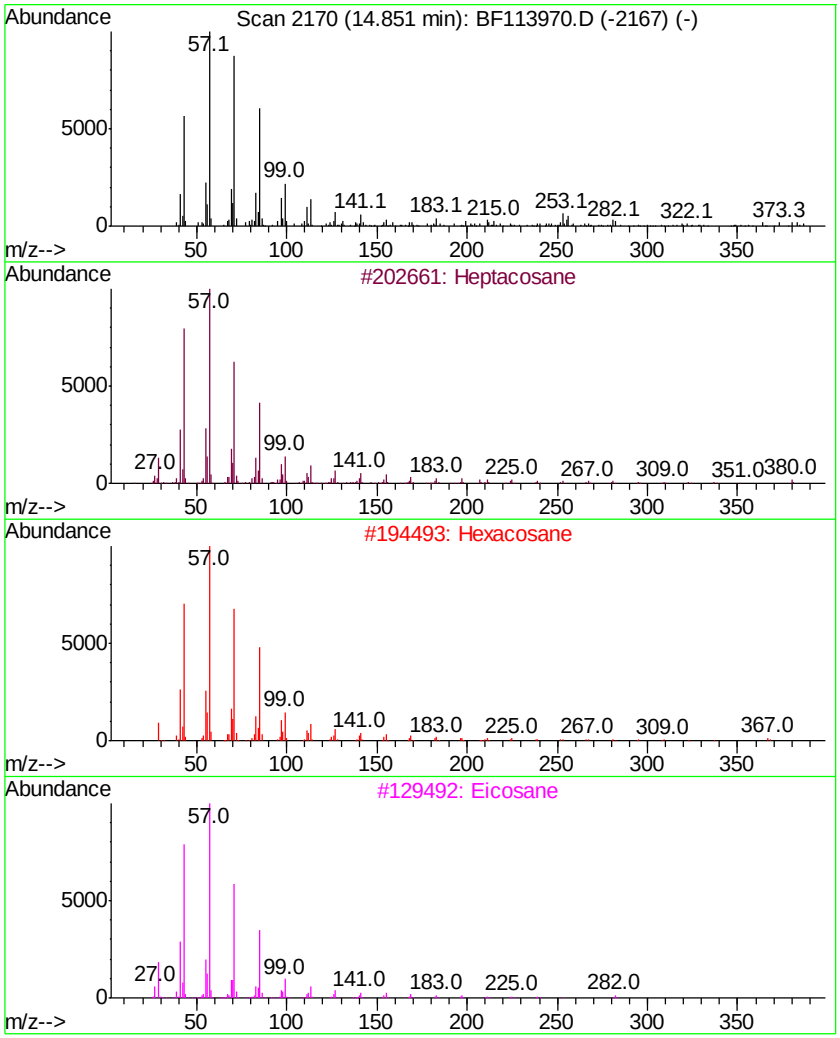
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

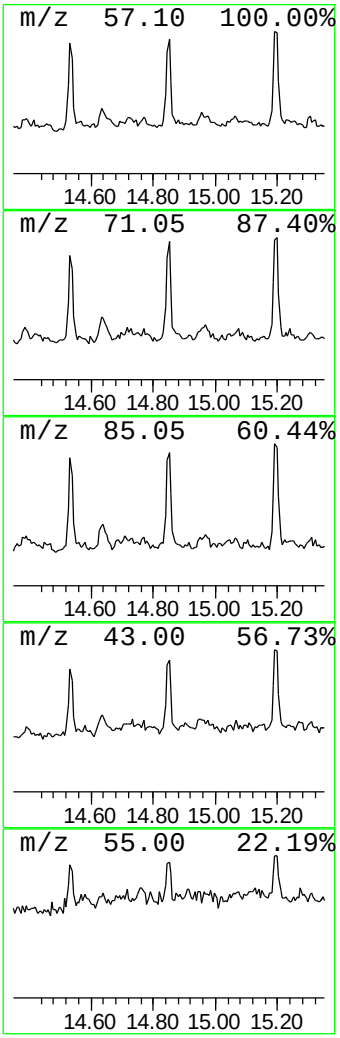
****

Peak Number 7 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.42 ng	105991	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113970.D
Acq On : 24 Apr 2019 19:07
Operator : JU/SJ
Sample : K2539-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

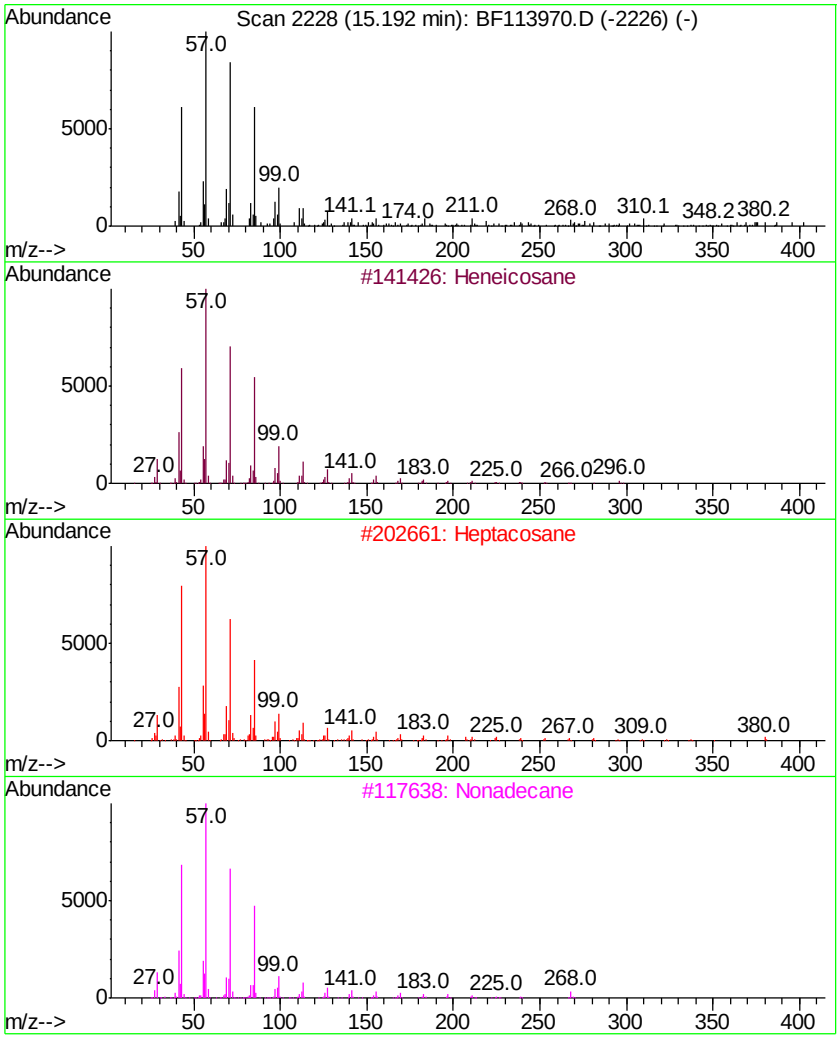
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

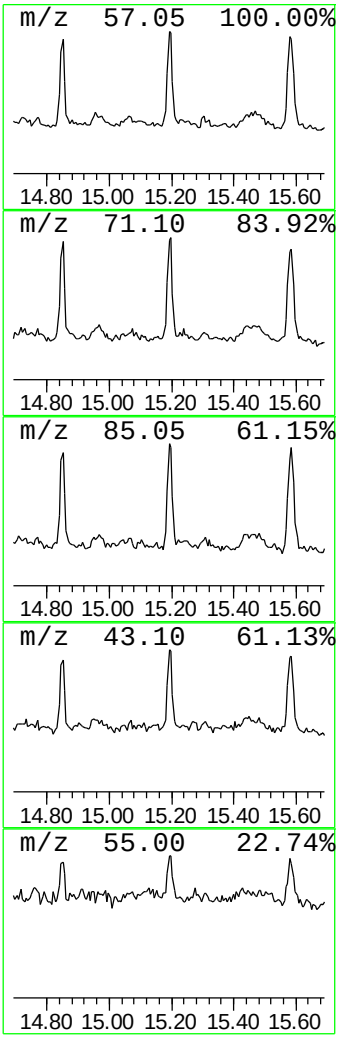
****

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	2.92 ng	128073	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptacosane	380	C27H56	000593-49-7	95
3	Nonadecane	268	C19H40	000629-92-5	94
4	Hexacosane	366	C26H54	000630-01-3	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042419\
Data File : BF113970.D
Acq On : 24 Apr 2019 19:07
Operator : JU/SJ
Sample : K2539-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-006-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
2-Pentanone, 4-hy...	5.10	4.8	ng	173208	1	6.89	729483	20.0
unknown6.66	6.66	2.8	ng	102946	1	6.89	729483	20.0
Hexadecanoic acid...	11.80	6.0	ng	302280	4	11.42	1009230	20.0
9,12-Octadecadien...	12.49	19.9	ng	1002880	4	11.42	1009230	20.0
9-Octadecenoic ac...	12.52	15.9	ng	801201	4	11.42	1009230	20.0
Heptacosane	14.85	2.4	ng	105991	6	15.55	876454	20.0
Heneicosane	15.19	2.9	ng	128073	6	15.55	876454	20.0