LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-101520

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122012.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	555	558	579	rBV	167568	316834	15.34%	1.993%
2	6.392	730	732	755	rBV	179393	344794	16.70%	2.169%
3	6.739	788	791	807	rBV	663664	623813	30.21%	3.924%
4	7.310	885	888	904	rBV	183320	260546	12.62%	1.639%
5	8.028	1003	1010	1016	rBV	799205	840712	40.71%	5.289%
6	8.316	1054	1059	1065	rBV5	16737	28204	1.37%	0.177%
7	8.445	1077	1081	1083	rBV2	24994	22865	1.11%	0.144%
8	8.528	1092	1095	1098	rBV3	23761	22684	1.10%	0.143%
9	8.616	1107	1110	1114	rBV	78749	68484	3.32%	0.431%
10	8.845	1146	1149	1156	rBV2	27584	29200	1.41%	0.184%
11	8.975	1168	1171	1176	rVB5	15314	24403	1.18%	0.154%
12	9.098	1189	1192	1202	rBV	514266	481241	23.30%	3.027%
13	9.180	1202	1206	1209	rBV	91085	81098	3.93%	0.510%
14	9.498	1255	1260	1263	rBV	82727	89849	4.35%	0.565%
15	9.704	1292	1295	1300	rVB	90752	78869	3.82%	0.496%
16	9.774	1303	1307	1311	rVV	953695	885905	42.90%	5.573%
17	9.810	1311	1313	1317	rVB2	27154	25315	1.23%	0.159%
18	10.027	1346	1350	1353	rBV3	22172	24218	1.17%	0.152%
19	10.204	1377	1380	1383	rVB	100366	76938	3.73%	0.484%
20	10.422	1412	1417	1422	rVB	28631	38952	1.89%	0.245%
21	10.574	1440	1443	1452	rVB	115510	145951	7.07%	0.918%
22	10.674	1457	1460	1468	rVB	96572	110423	5.35%	0.695%
23	10.780	1475	1478	1482	rVB	31647	30501	1.48%	0.192%
24	11.121	1533	1536	1539	rBV	78975	65243	3.16%	0.410%
25	11.151	1539	1541	1547	rVB2	36500	47060	2.28%	0.296%
26	11.263	1556	1560	1562	rBV	941407	814372	39.43%	5.123%
27	11.286	1562	1564	1571	rVV	165482	164570	7.97%	1.035%
28	11.339	1571	1573	1576	rVB	28632	25905	1.25%	0.163%
29	11.504	1597	1601	1606	rBV2	18841	26139	1.27%	0.164%
30	11.551	1606	1609	1611	rVV	68595	57469	2.78%	0.362%
31	11.574	1611	1613	1615	rVB	49040	33015	1.60%	0.208%
32	11.651	1623	1626	1630	rBV	1760091	1373660	66.52%	8.642%
33	11.792	1647	1650	1657	rVB	59562	62182	3.01%	0.391%
34	11.874	1661	1664	1667	rBV	28907	26350	1.28%	0.166%
35	11.957	1675	1678	1681	rBV	57218	51743	2.51%	0.326%
36	12.057	1692	1695	1699	rBV2	27826	26770	1.30%	0.168%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-101520

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.339	1739	1743	1744	rBV	2215360	1994640	96.59%	12.548%
38	12.357	1744	1746	1753	rVV2	2228837	2065144	100.00%	12.992%
39	12.439	1757	1760	1763	rVV	459350	402399	19.49%	2.531%
40	12.474	1763	1766	1772	rVB	219931	191977	9.30%	1.208%
41	12.574	1780	1783	1789	rBV4	53248	67170	3.25%	0.423%
42	12.686	1798	1802	1803	rBV3	49614	54048	2.62%	0.340%
43	12.704	1803	1805	1812	rVB	186985	195688	9.48%	1.231%
44	12.839	1825	1828	1832	rBV	410871	377102	18.26%	2.372%
45	12.921	1839	1842	1847	rBV5	18865	38201	1.85%	0.240%
46	13.004	1853	1856	1857	rBV2	32114	32062	1.55%	0.202%
47	13.068	1865	1867	1869	rBV	44007	43223	2.09%	0.272%
48	13.163	1881	1883	1887	rVB2	37314	38675	1.87%	0.243%
49	13.410	1922	1925	1928	rBV2	38391	38786	1.88%	0.244%
50	13.592	1954	1956	1962	rVB7	18082	25724	1.25%	0.162%
51	13.833	1995	1997	2001	rVB4	28550	30269	1.47%	0.190%
52	13.904	2004	2009	2012	rVV	728904	765725	37.08%	4.817%
53	13.927	2012	2013	2020	rVB	98585	71549	3.46%	0.450%
54	14.057	2032	2035	2041	rBV2	45058	53809	2.61%	0.339%
55	14.362	2084	2087	2089	rBV	37440	34390	1.67%	0.216%
56	14.657	2134	2137	2150	rVB4	85988	207411	10.04%	1.305%
57	14.774	2155	2157	2163	rVV2	29307	38041	1.84%	0.239%
58	14.933	2180	2184	2187	rBV	76891	114441	5.54%	0.720%
59	14.980	2190	2192	2199	rVB2	83800	96858	4.69%	0.609%
60	15.221	2230	2233	2239	rVB	60821	74978	3.63%	0.472%
61	15.280	2240	2243	2248	rVV	70129	93042	4.51%	0.585%
62	15.339	2248	2253	2264	rVB	608106	824416	39.92%	5.186%
63	15.445	2269	2271	2280	rVB10	25631	32364	1.57%	0.204%
64	15.751	2319	2323	2328	rVB	78999	115512	5.59%	0.727%
65	15.974	2358	2361	2368	rVB2	45136	72984	3.53%	0.459%
66	16.221	2399	2403	2410	rVB	59977	100581	4.87%	0.633%
67	16.380	2428	2430	2436	rVB4	33204	53867	2.61%	0.339%
68	16.768	2491	2496	2505	rVB2	50380	124538	6.03%	0.783%

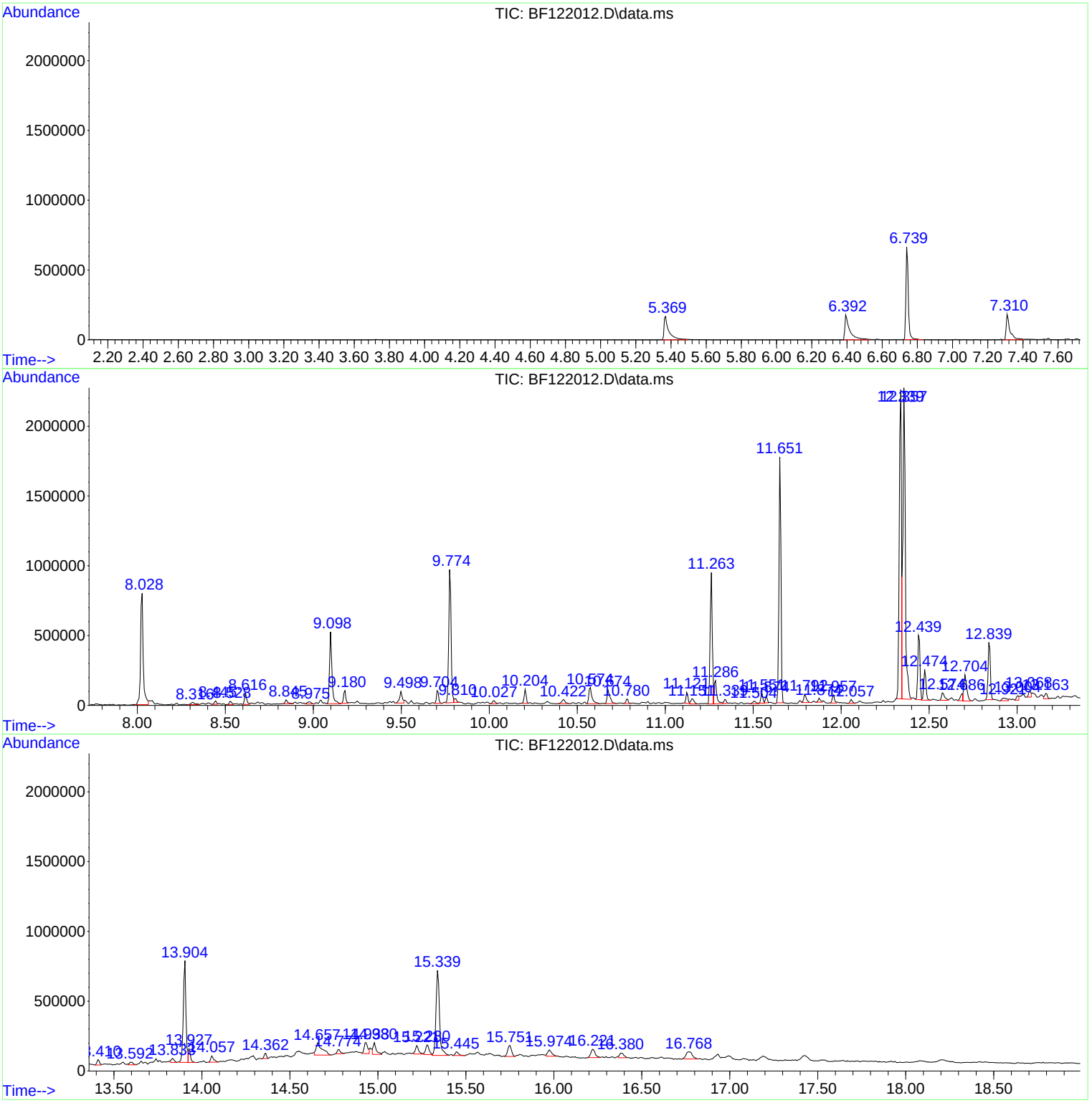
Sum of corrected areas: 15895891

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-101520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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\BF101620\
Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : HD-01-101520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

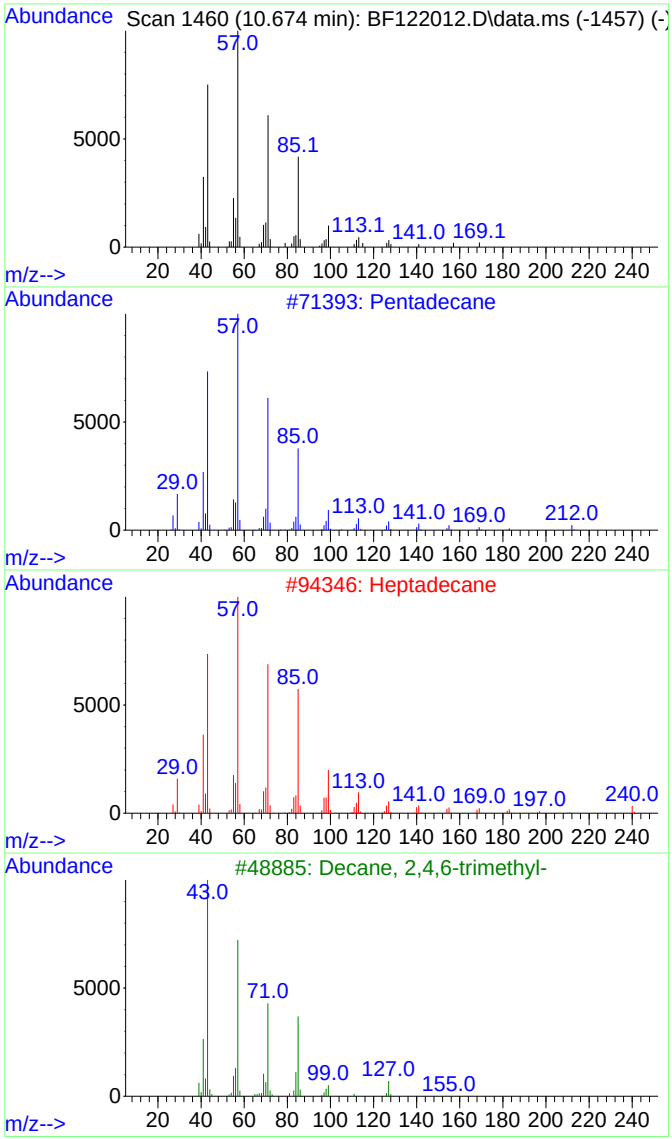
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

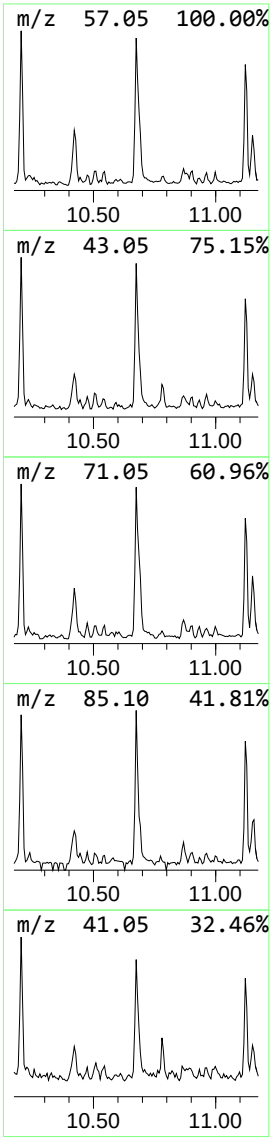
****

Peak Number 2 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.674	2.71 ng	110423	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-101520

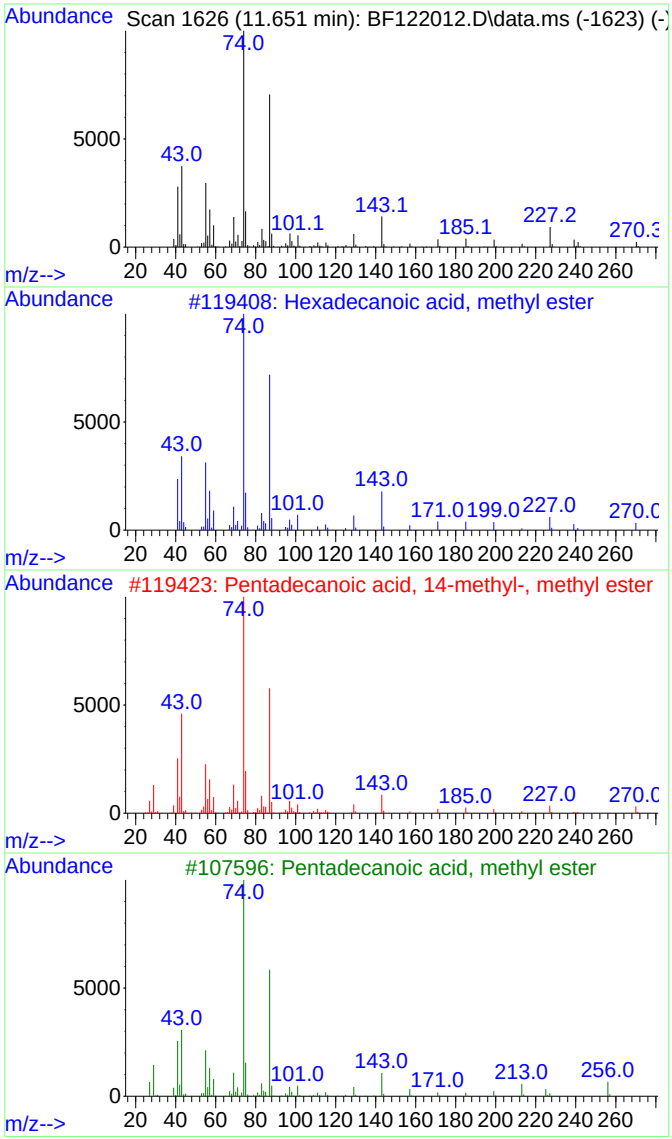
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

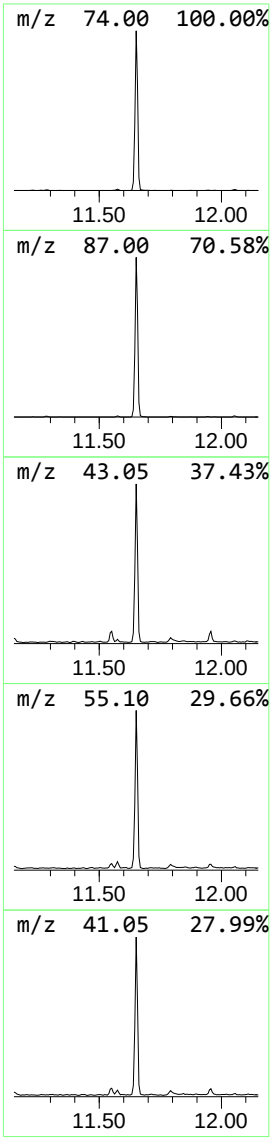
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	33.74 ng	1373660	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-101520

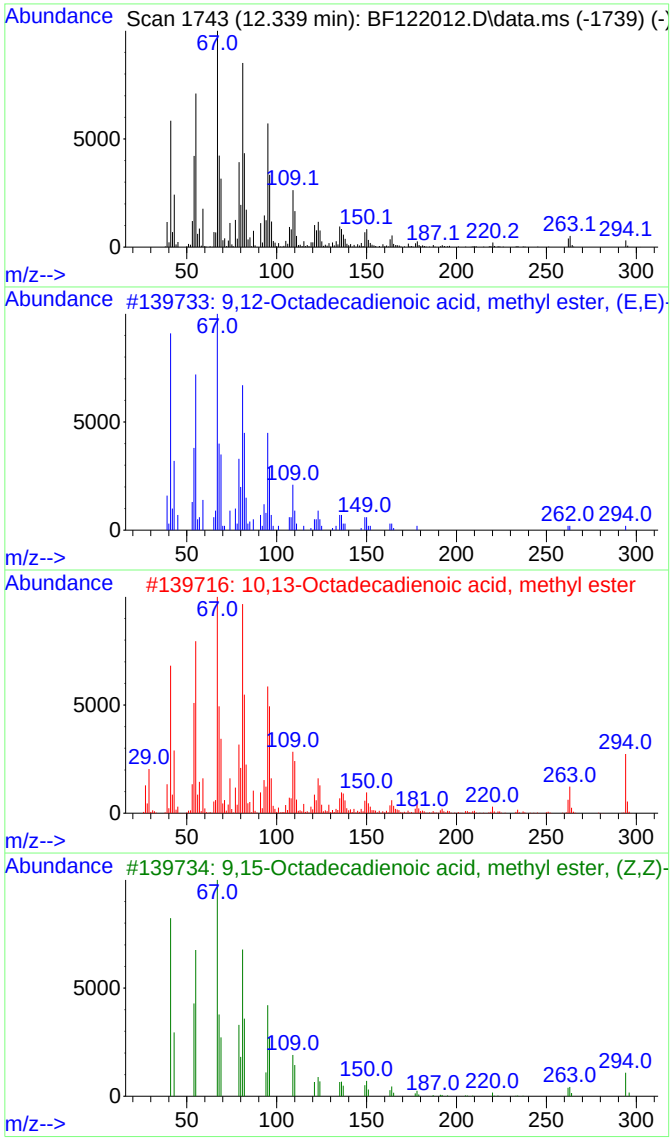
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

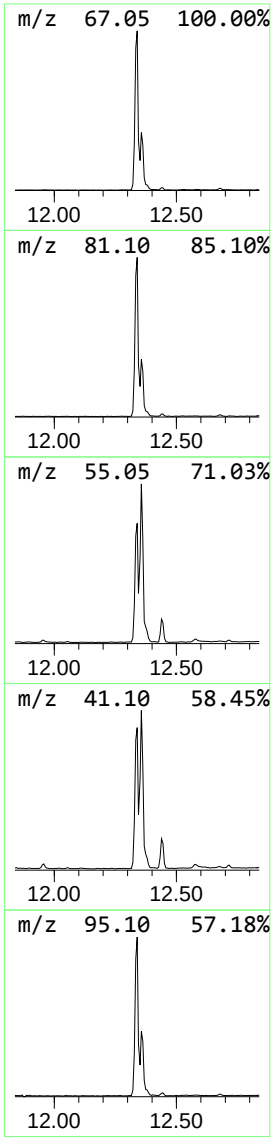
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	48.99 ng	1994640	Phenanthrene-d10	11.263

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-101520

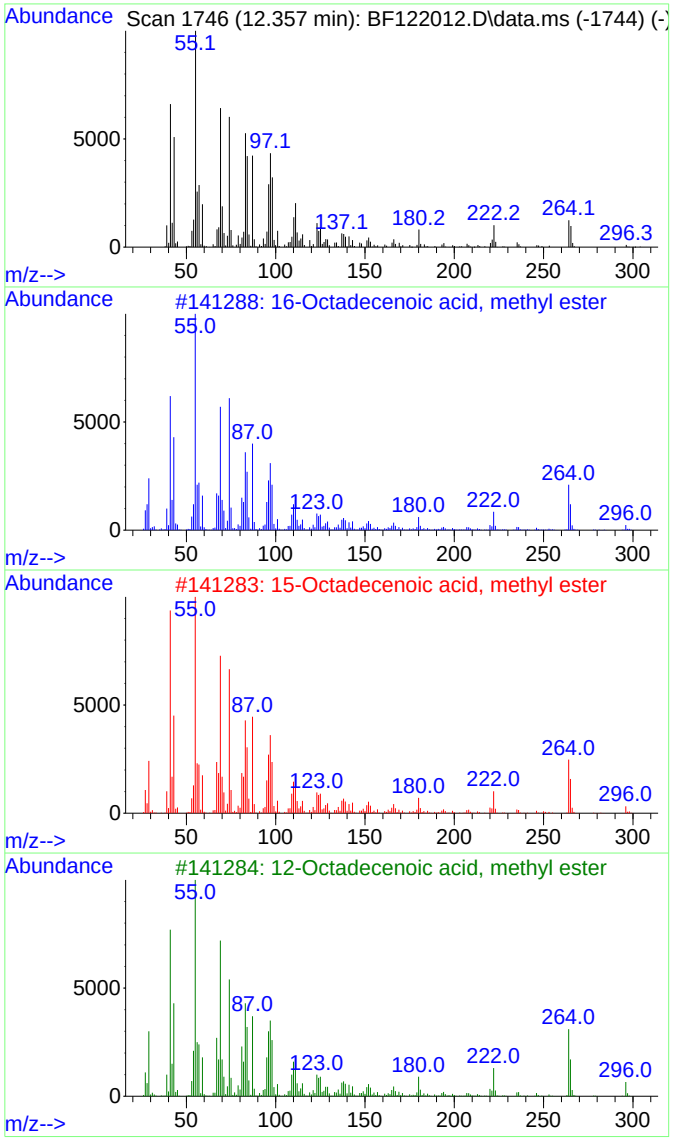
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

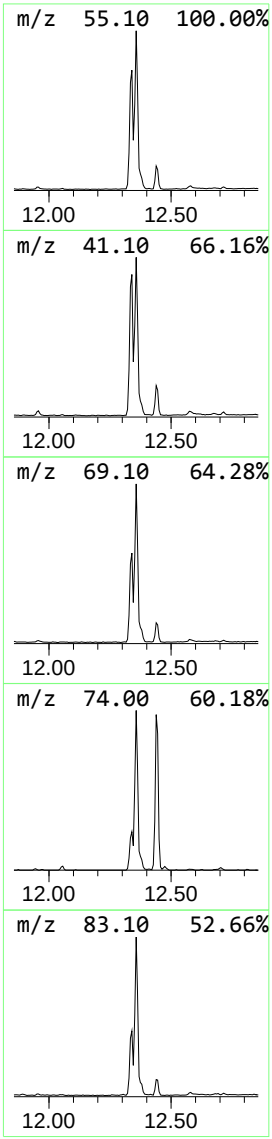
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	50.72 ng	2065140	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-101520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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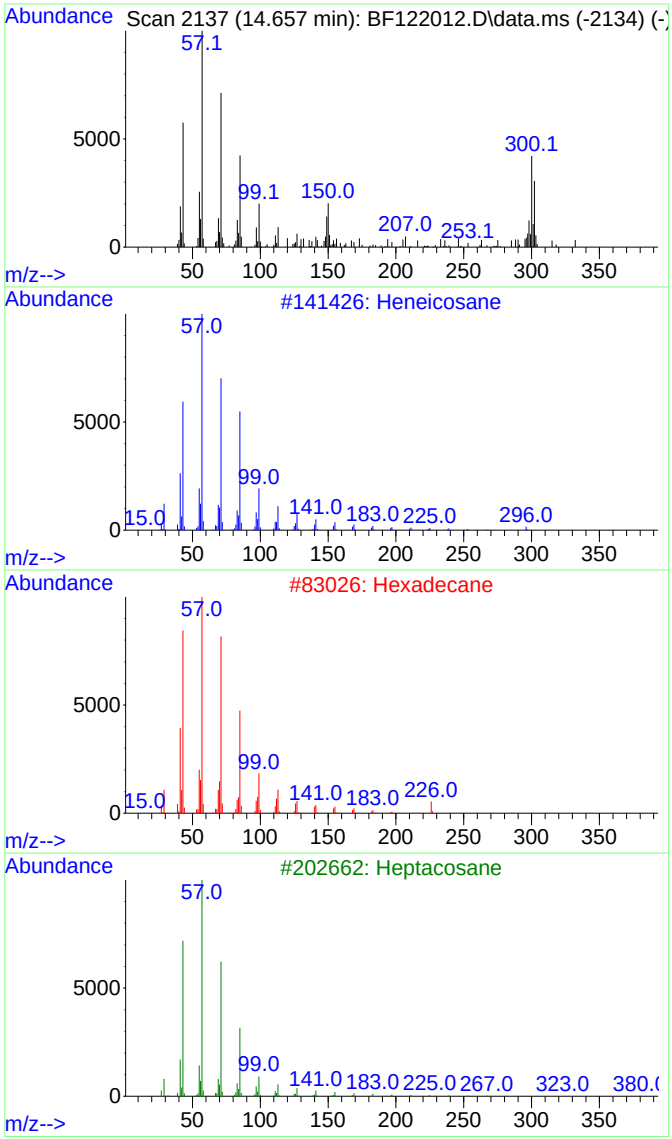
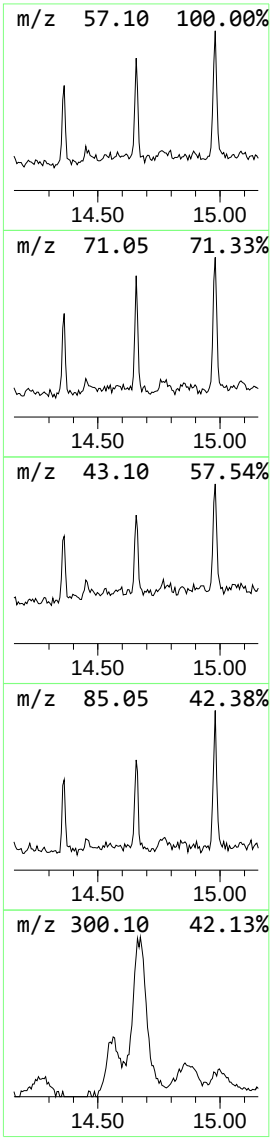
Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.656	5.03 ng	207411	Perylene-d12	15.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	53
2	Hexadecane	226	C16H34	000544-76-3	38
3	Heptacosane	380	C27H56	000593-49-7	38
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	38
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-101520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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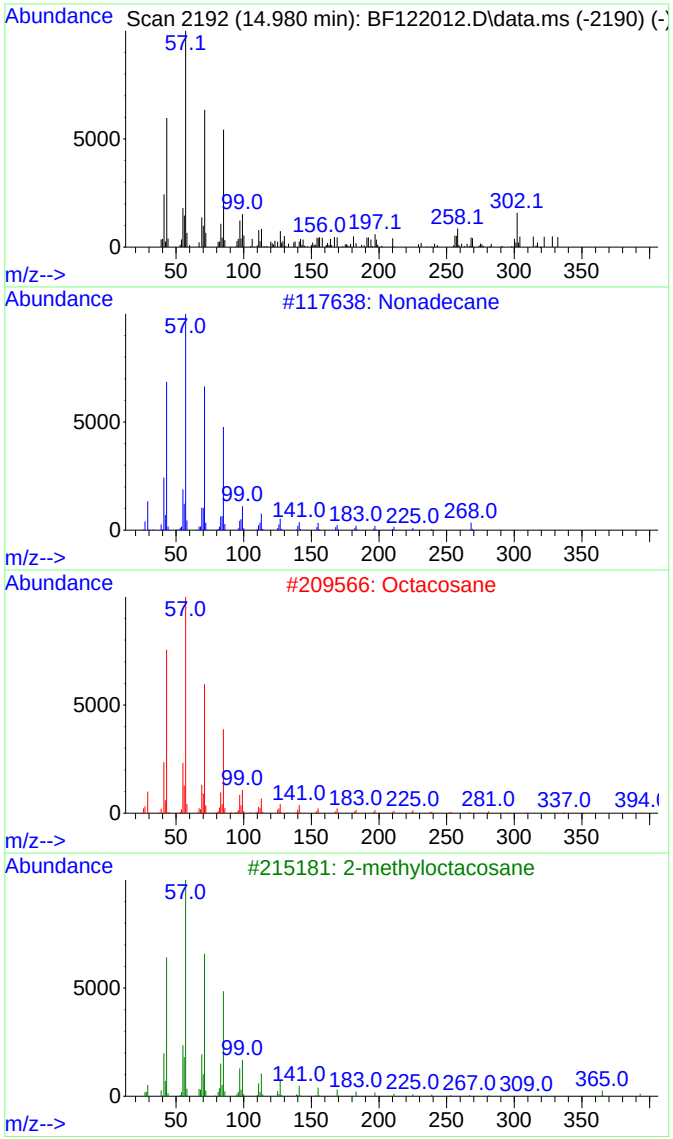
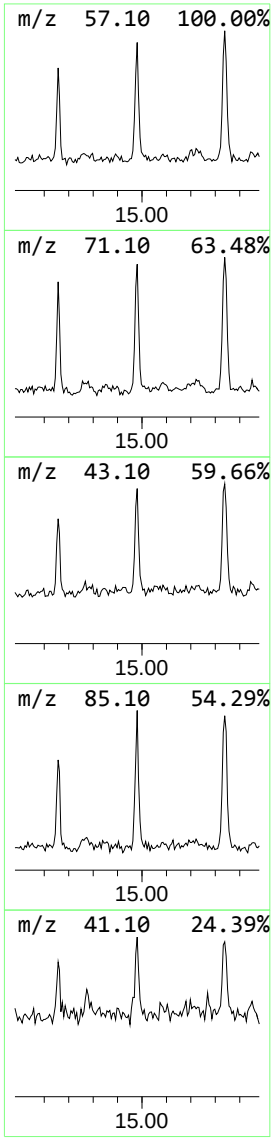
Peak Number 7 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.980	2.35 ng	96858	Perylene-d12	15.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Octacosane	394	C28H58	000630-02-4	53
3	2-methyloctacosane	408	C29H60	1000376-72-8	53
4	Tetradecane	198	C14H30	000629-59-4	53
5	1-Iodoundecane	282	C11H23I	004282-44-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-101520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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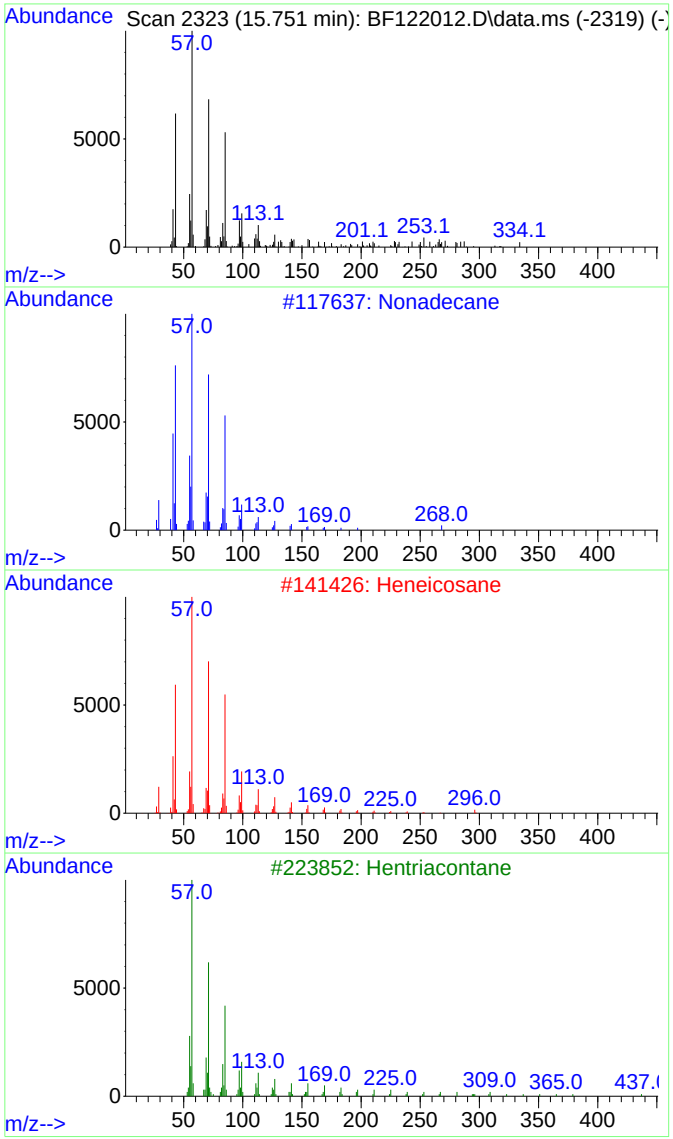
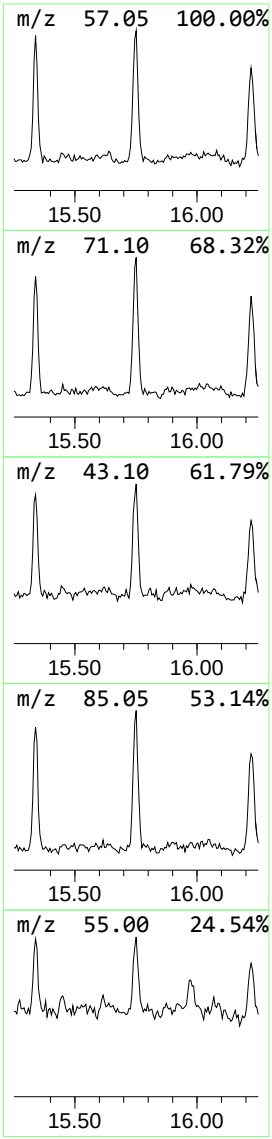
Peak Number 8 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	2.80 ng	115512	Perylene-d12	15.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Octadecane	254	C18H38	000593-45-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-101520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

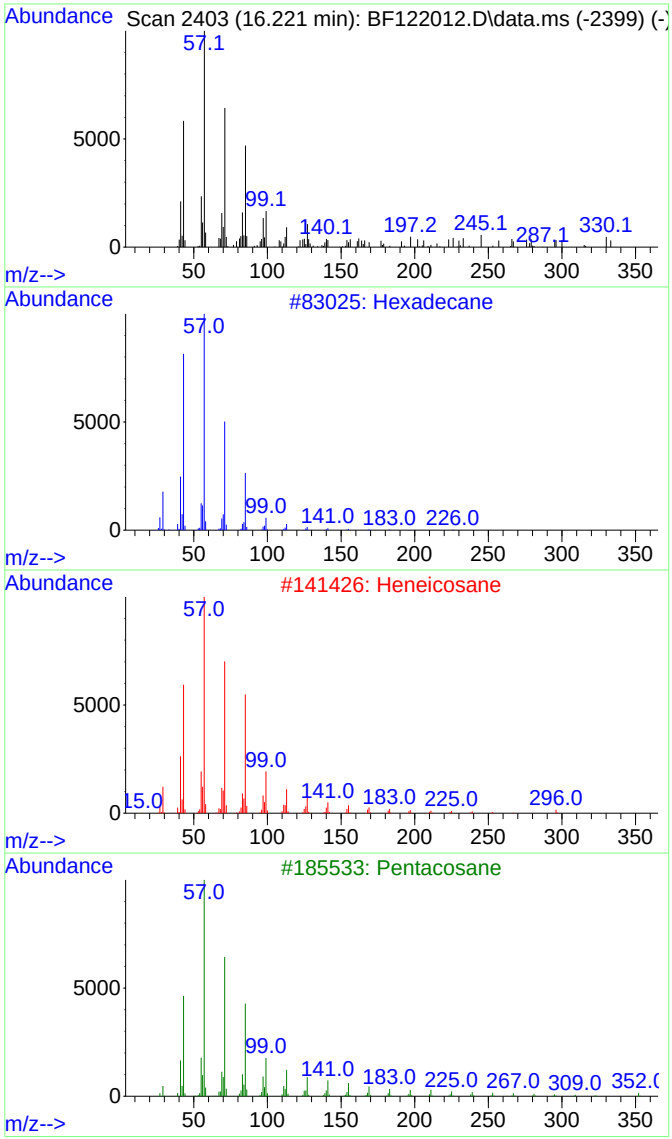
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

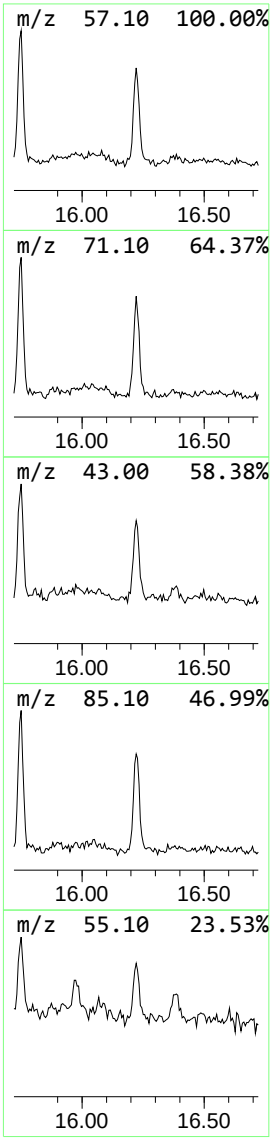
****

Peak Number 9 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	2.44 ng	100581	Perylene-d12	15.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heneicosane	296	C21H44	000629-94-7	86
3	Pentacosane	352	C25H52	000629-99-2	58
4	Hexacosane	366	C26H54	000630-01-3	58
5	Hentriacontane	437	C31H64	000630-04-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122012.D
Acq On : 16 Oct 2020 15:42
Operator : JU/CG
Sample : L4218-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-101520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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
Pentadecane	10.674	2.7	ng	110423	4	11.263	814372	20.0
Hexadecanoic ac...	11.651	33.7	ng	1373660	4	11.263	814372	20.0
9,12-Octadecadi...	12.339	49.0	ng	1994640	4	11.263	814372	20.0
16-Octadecenoic...	12.357	50.7	ng	2065140	4	11.263	814372	20.0
Heneicosane	14.656	5.0	ng	207411	6	15.339	824416	20.0
Octacosane	14.980	2.4	ng	96858	6	15.339	824416	20.0
Nonadecane	15.751	2.8	ng	115512	6	15.339	824416	20.0
Hexadecane	16.221	2.4	ng	100581	6	15.339	824416	20.0