LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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	5.516	578	583	586	rBV	1445225	1337048	34.47%	3.109%
2	6.516	749	753	756	rBV	1574647	1308392	33.73%	3.043%
3	6.663	774	778	781	rBV	1743750	1419777	36.60%	3.302%
4	6.898	814	818	821	rBV	1184180	973702	25.10%	2.264%
5	7.051	841	844	848	rBV	1420319	1141623	29.43%	2.655%
6	7.451	908	912	915	rBV	866778	789872	20.36%	1.837%
7	8.175	1031	1035	1039	rBV	1326590	1142452	29.45%	2.657%
8	9.251	1214	1218	1221	rBV	1992360	1550751	39.97%	3.606%
9	9.339	1228	1233	1237	rBV3	55786	62873	1.62%	0.146%
10	9.639	1282	1284	1289	rVB	140213	143483	3.70%	0.334%
11	9.792	1307	1310	1315	rBV	166830	158009	4.07%	0.367%
12	9.869	1315	1323	1327	rBV	100367	119185	3.07%	0.277%
13	9.933	1330	1334	1337	rVB	1409454	1227337	31.64%	2.854%
14	10.363	1404	1407	1410	rVB	144624	121055	3.12%	0.282%
15	10.586	1439	1445	1450	rBV	90911	139368	3.59%	0.324%
16	10.716	1463	1467	1471	rBV	1171246	1010668	26.05%	2.350%
17	10.839	1485	1488	1495	rBV	245656	283103	7.30%	0.658%
18	11.286	1561	1564	1566	rBV	219168	165048	4.25%	0.384%
19	11.316	1566	1569	1575	rVB2	119735	133393	3.44%	0.310%
20	11.416	1582	1586	1588	rBV	1644859	1396261	35.99%	3.247%
21	11.439	1588	1590	1593	rVV	518205	391108	10.08%	0.910%
22	11.492	1596	1599	1602	rVB	165242	147694	3.81%	0.343%
23	11.710	1633	1636	1639	rBV	203409	185703	4.79%	0.432%
24	11.733	1639	1640	1644	rVB2	55463	58751	1.51%	0.137%
25	11.810	1649	1653	1656	rBV	1593919	1230886	31.73%	2.862%
26	11.916	1668	1671	1673	rBV	111460	97654	2.52%	0.227%
27	11.939	1673	1675	1679	rVB2	470720	435877	11.24%	1.014%
28	12.027	1687	1690	1693	rBV	202063	214941	5.54%	0.500%
29	12.051	1693	1694	1699	rVB	118981	78284	2.02%	0.182%
30	12.121	1703	1706	1709	rVB	171208	150625	3.88%	0.350%
31	12.210	1719	1721	1723	rBV2	95469	81224	2.09%	0.189%
32	12.233	1723	1725	1730	rVB2	55798	60787	1.57%	0.141%
33	12.345	1741	1744	1745	rBV	58210	57119	1.47%	0.133%
34	12.392	1749	1752	1755	rBV2	56908	76206	1.96%	0.177%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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	12.468	1761	1765	1767	rBV	150233	181137	4.67%	0.421%
36	12.498	1767	1770	1772	rBV	3656114	3615027	93.19%	8.407%
37	12.521	1772	1774	1777	rVB	5067750	3879394	100.00%	9.022%
38	12.604	1784	1788	1790	rBV	740397	681731	17.57%	1.585%
39	12.627	1790	1792	1794	rVV	1551444	1318371	33.98%	3.066%
40	12.651	1794	1796	1802	rVV2	555945	648407	16.71%	1.508%
41	12.721	1805	1808	1815	rVV2	238343	308156	7.94%	0.717%
42	12.780	1816	1818	1821	rVV2	73153	81005	2.09%	0.188%
43	12.839	1825	1828	1829	rVV	307037	312856	8.06%	0.728%
44	12.857	1829	1831	1833	rVV	1310919	1053228	27.15%	2.449%
45	12.880	1833	1835	1837	rVB	189912	150869	3.89%	0.351%
46	12.998	1852	1855	1858	rBV	2275967	1845853	47.58%	4.293%
47	13.074	1865	1868	1871	rBV2	118941	173822	4.48%	0.404%
48	13.133	1875	1878	1880	rBV4	58572	66703	1.72%	0.155%
49	13.163	1880	1883	1884	rBV2	206034	180564	4.65%	0.420%
50	13.186	1884	1887	1890	rVV	319214	327260	8.44%	0.761%
51	13.251	1892	1898	1901	rVV3	351248	455348	11.74%	1.059%
52	13.286	1901	1904	1908	rBV2	184477	234411	6.04%	0.545%
53	13.327	1909	1911	1913	rVB	124394	98294	2.53%	0.229%
54	13.380	1918	1920	1923	rBV	108694	95536	2.46%	0.222%
55	13.410	1923	1925	1928	rBV	107284	103665	2.67%	0.241%
56	13.574	1951	1953	1957	rBV2	158922	155825	4.02%	0.362%
57	13.686	1970	1972	1978	rVB	102253	124843	3.22%	0.290%
58	14.051	2028	2034	2037	rBV3	1975490	3547020	91.43%	8.249%
59	14.080	2037	2039	2042	rVB	744148	555714	14.32%	1.292%
60	14.221	2061	2063	2068	rVB3	257955	276172	7.12%	0.642%
61	14.527	2113	2115	2119	rBV2	265585	255609	6.59%	0.594%
62	14.839	2165	2168	2171	rBV2	261305	259755	6.70%	0.604%
63	15.104	2209	2213	2216	rBV	586971	923741	23.81%	2.148%
64	15.180	2224	2226	2229	rVB	274022	257635	6.64%	0.599%
65	15.409	2262	2265	2270	rVB	360767	444528	11.46%	1.034%
66	15.468	2272	2275	2280	rVV	560048	660519	17.03%	1.536%
67	15.539	2282	2287	2290	rVV	956425	1299242	33.49%	3.021%
68	15.568	2290	2292	2299	rVB3	408904	538021	13.87%	1.251%

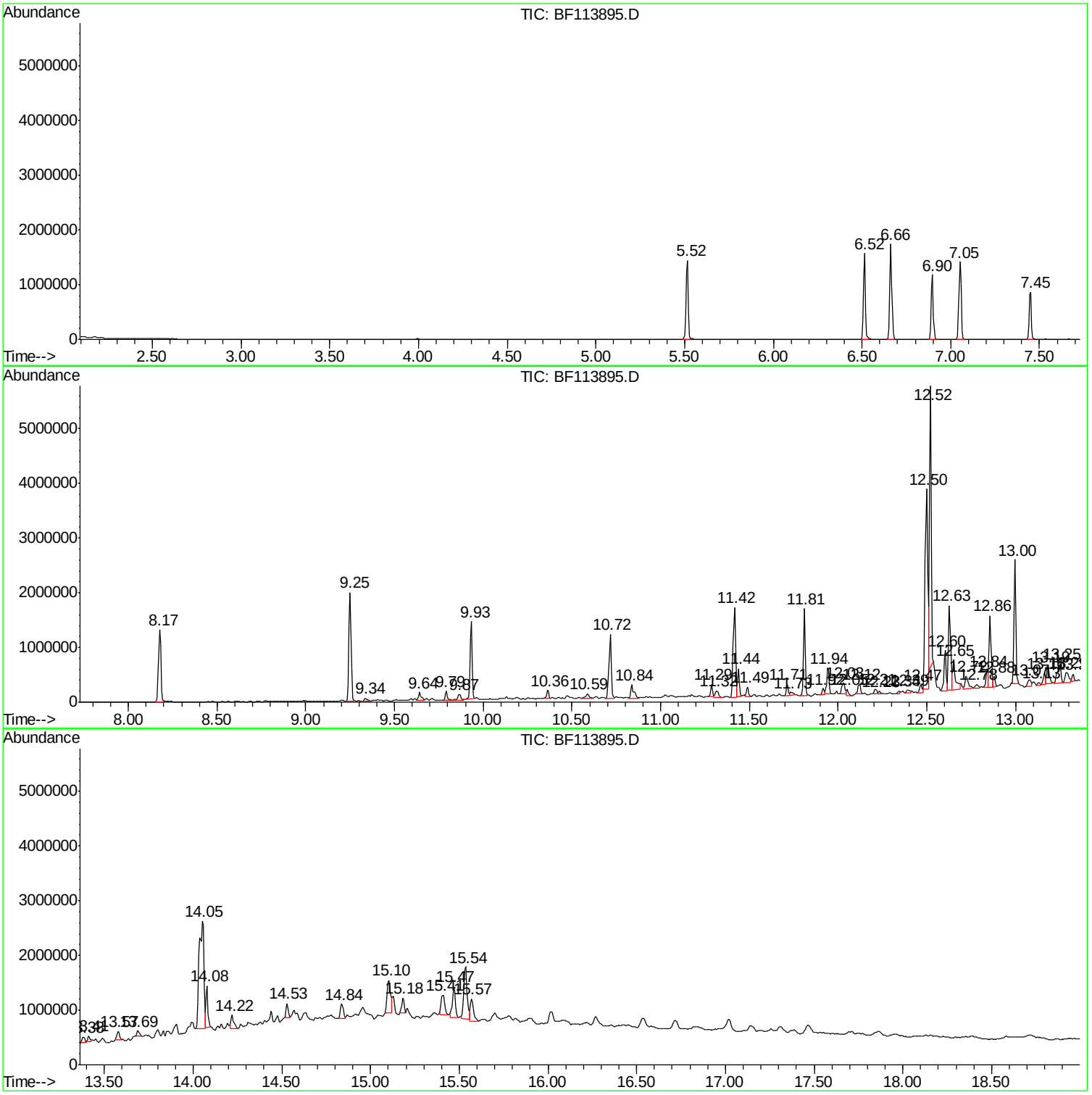
Sum of corrected areas: 43000520

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

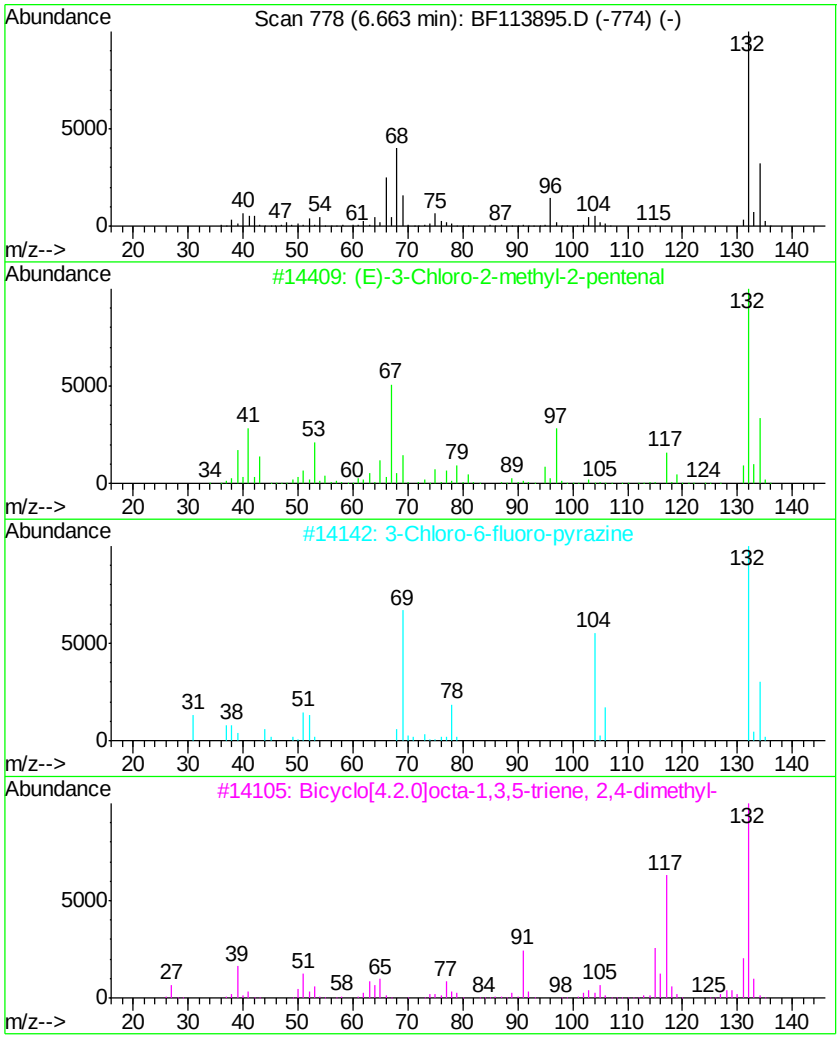
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

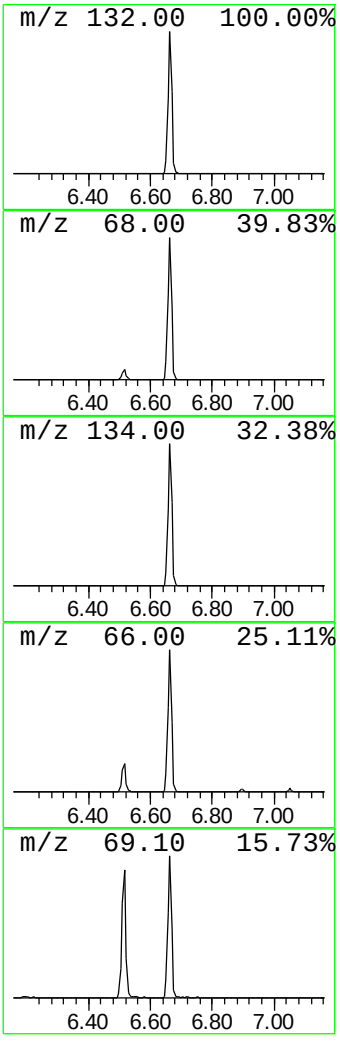
****

Peak Number 1 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	29.16 ng	1419780	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

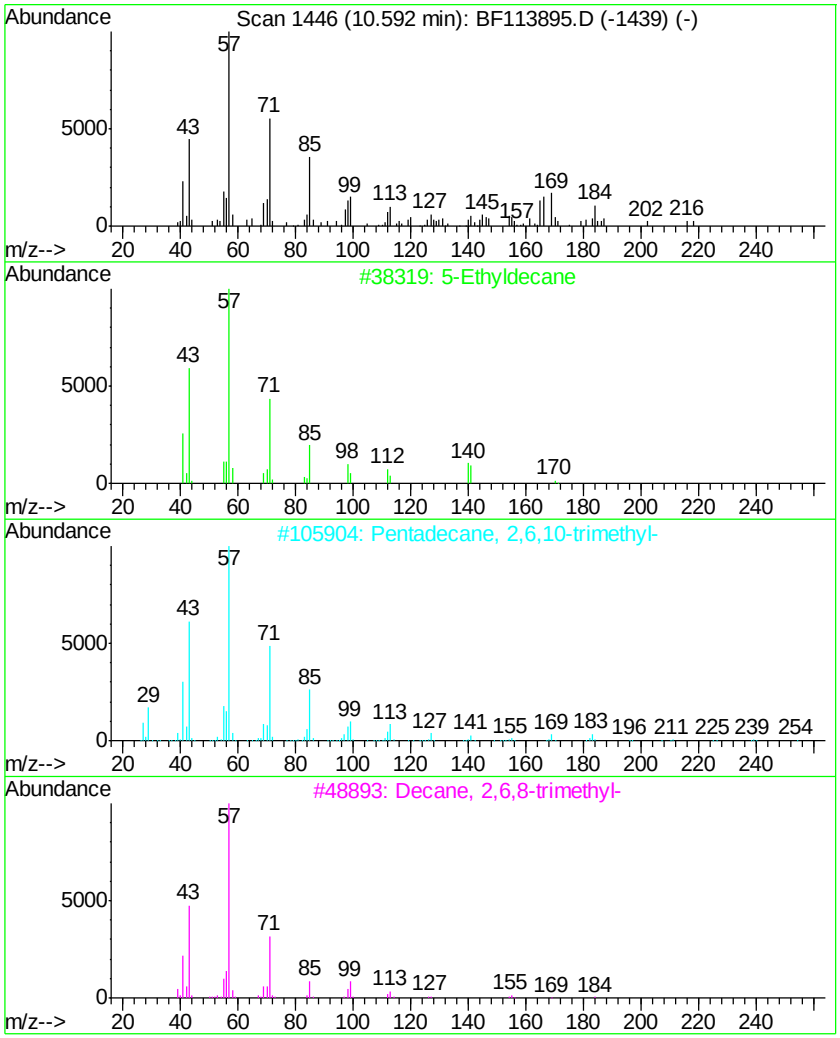
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

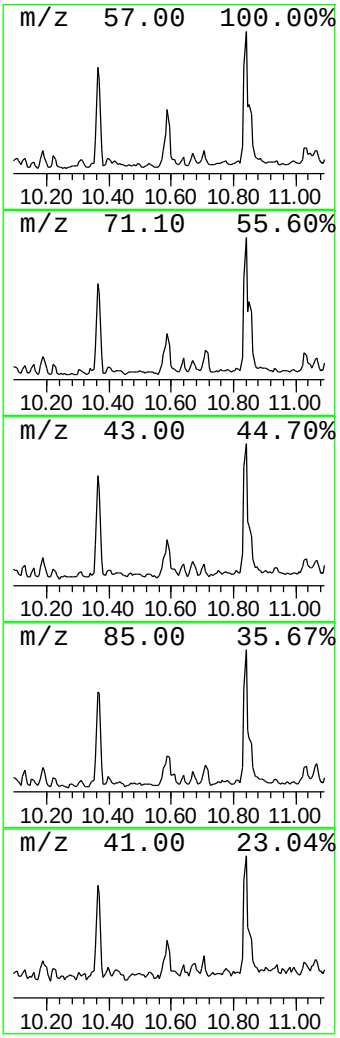
****

Peak Number 3 5-Ethyldecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.27 ng	139368	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	76
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	74
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Heptadecane	240	C17H36	000629-78-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

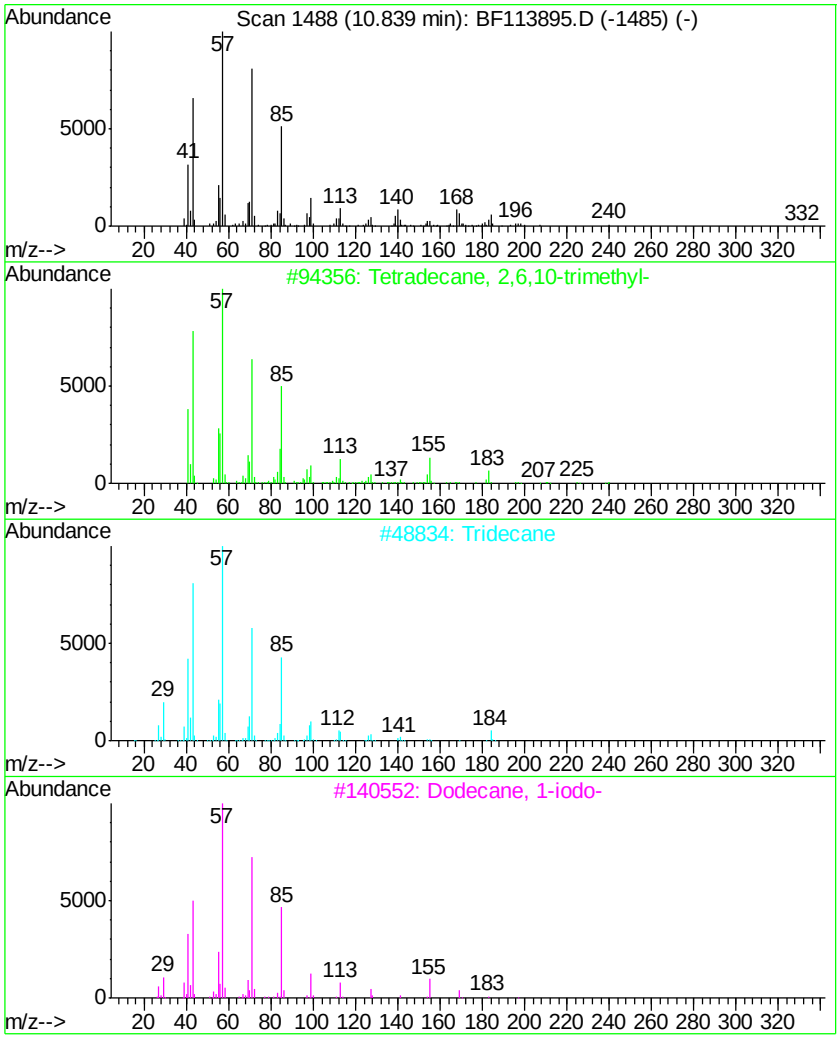
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

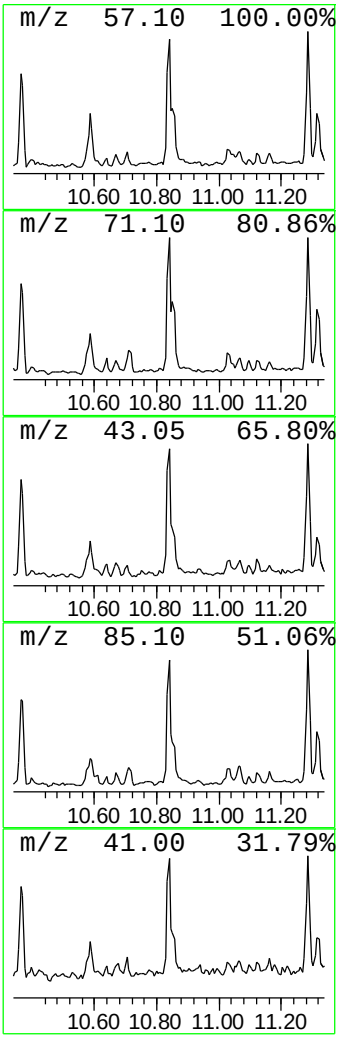
****

Peak Number 4 Tetradecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	4.06 ng	283103	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
2	Tridecane	184	C13H28	000629-50-5	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5	Heptadecane	240	C17H36	000629-78-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

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

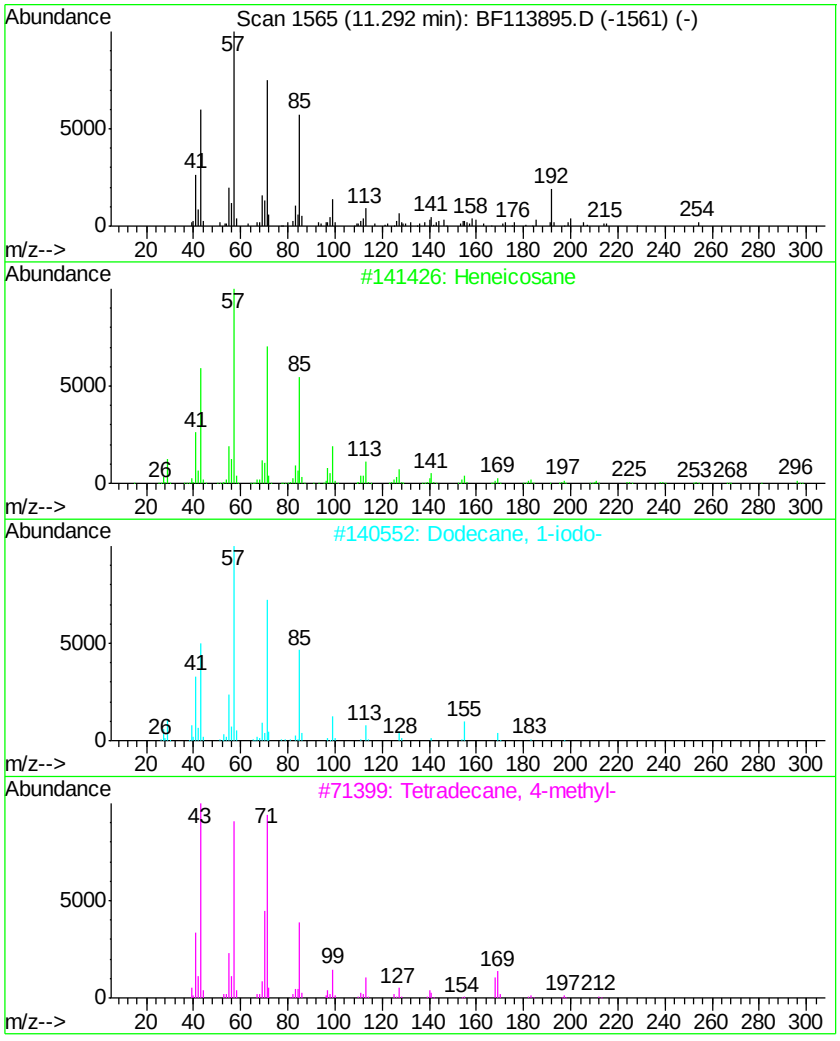
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

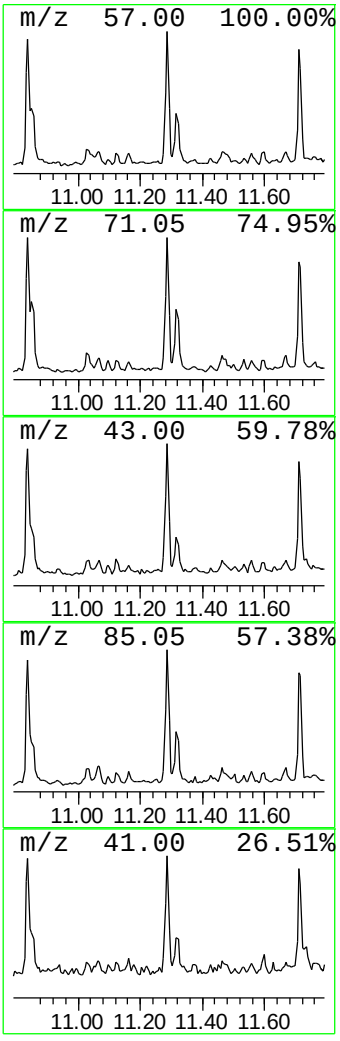
****

Peak Number 5 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.36 ng	165048	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	76
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Heptacosane	380	C27H56	000593-49-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

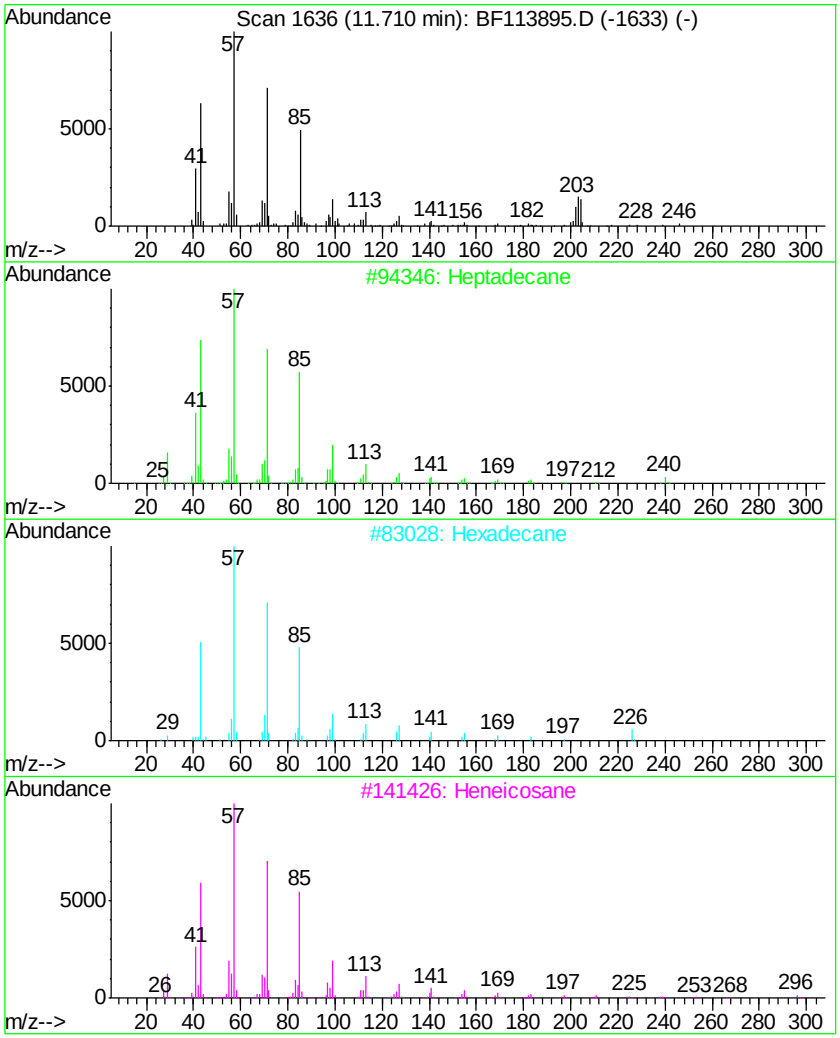
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

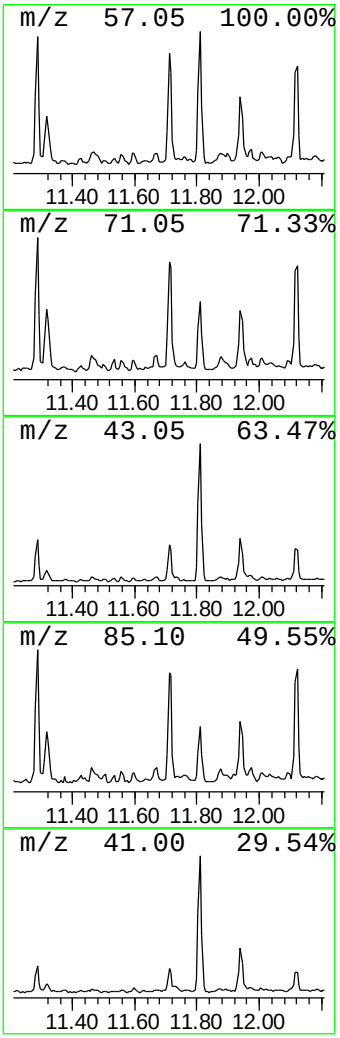
****

Peak Number 6 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.66 ng	185703	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	68
2	Hexadecane	226	C16H34	000544-76-3	68
3	Heneicosane	296	C21H44	000629-94-7	68
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

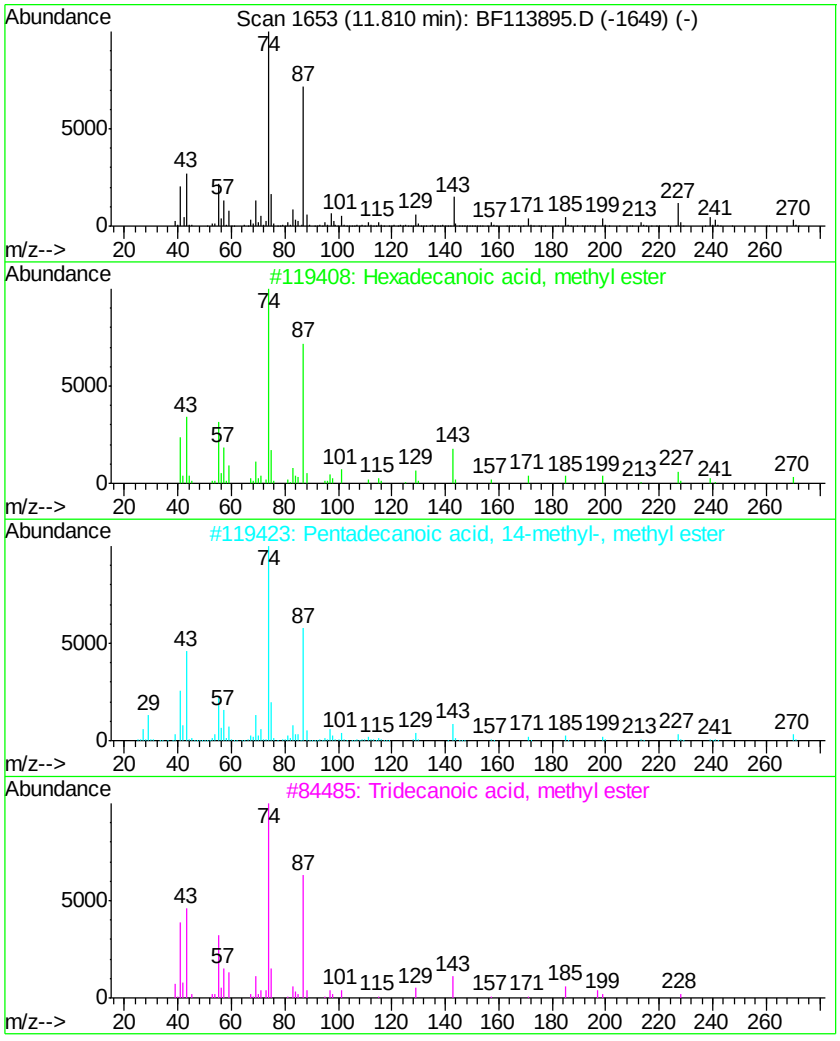
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

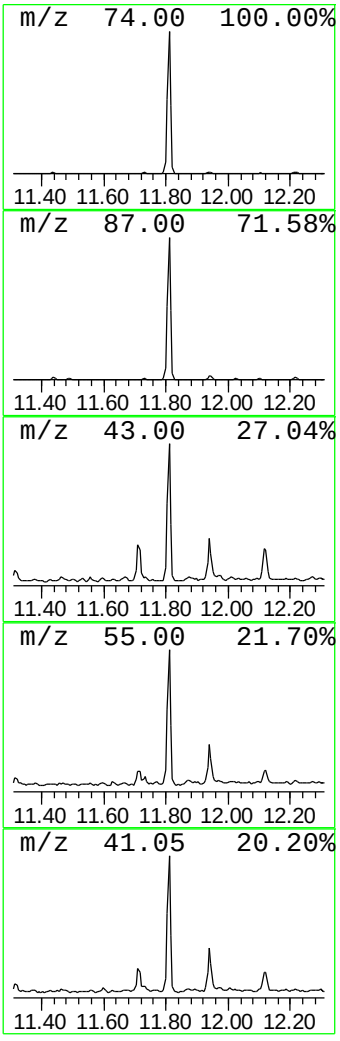
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	17.63 ng	1230890	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	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

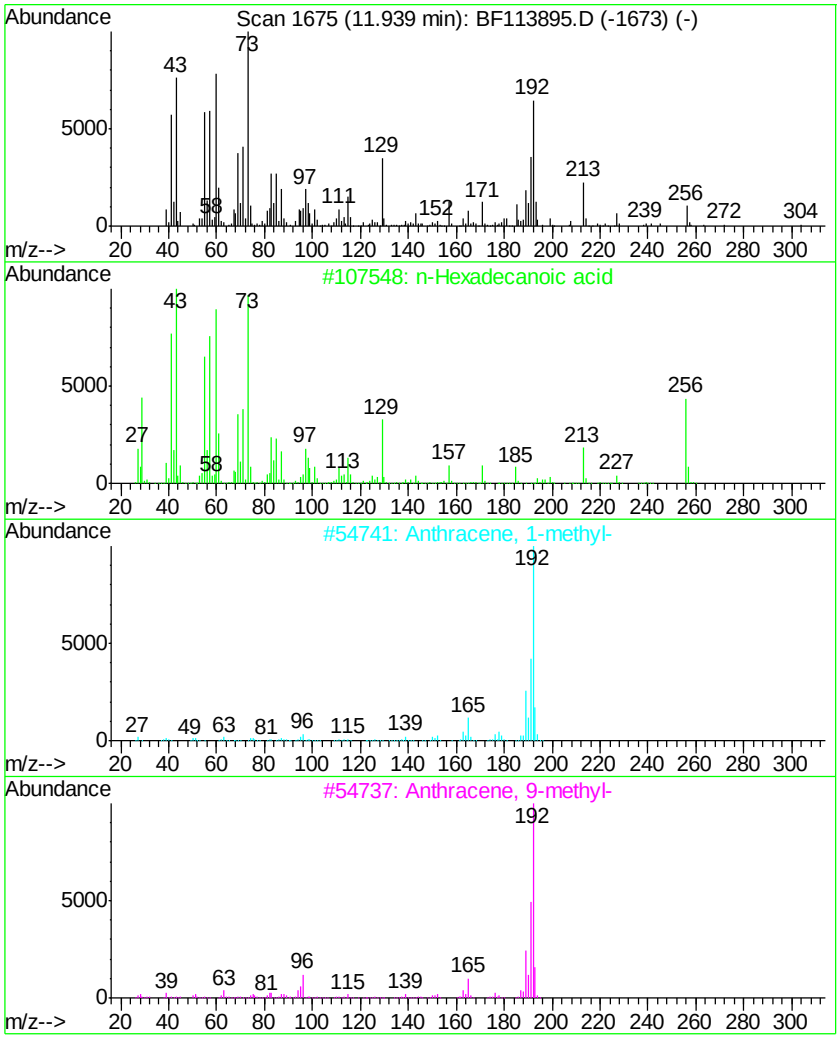
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

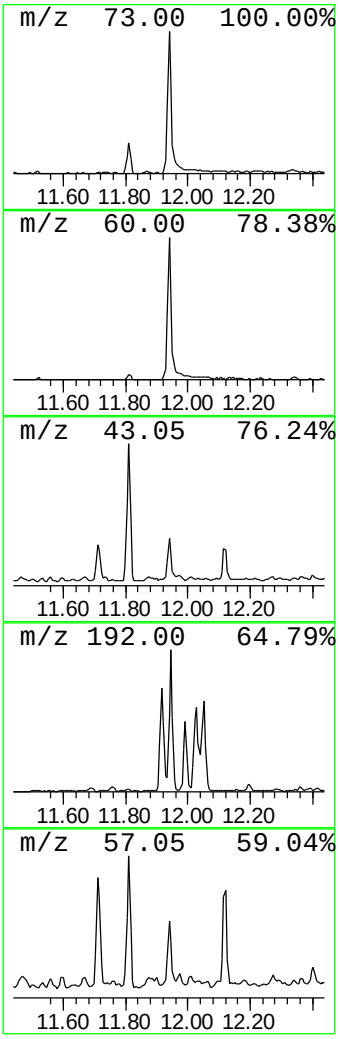
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	6.24 ng	435877	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

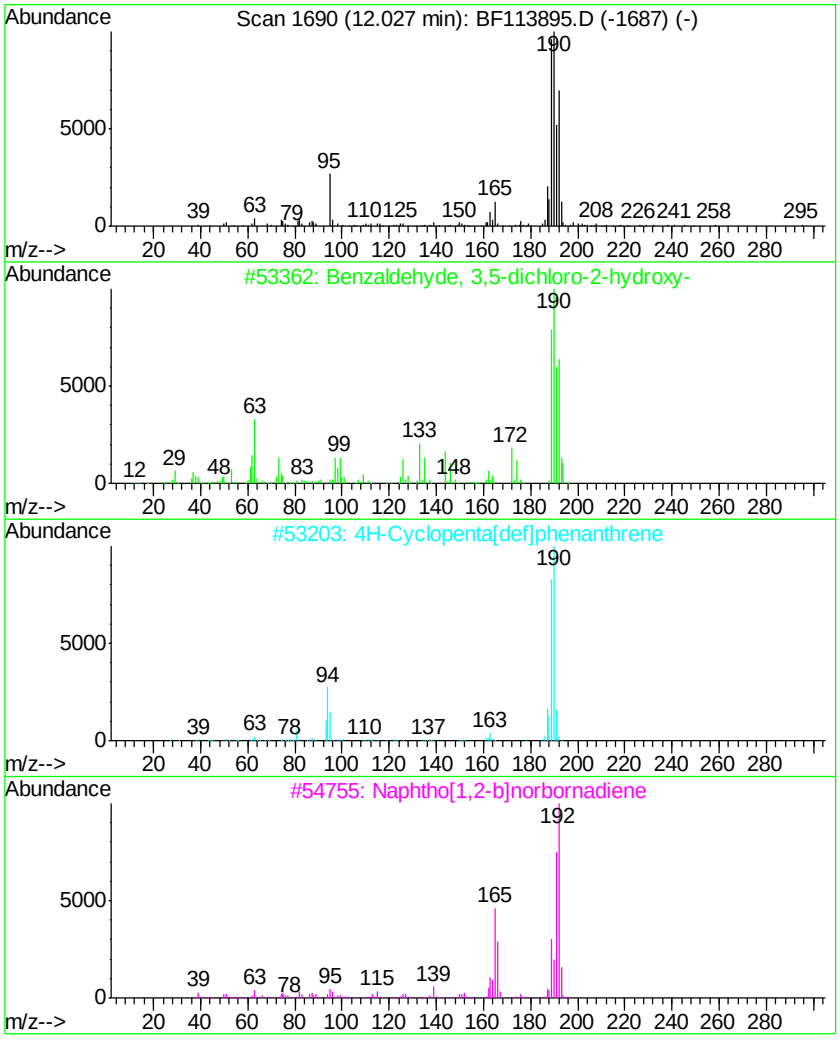
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

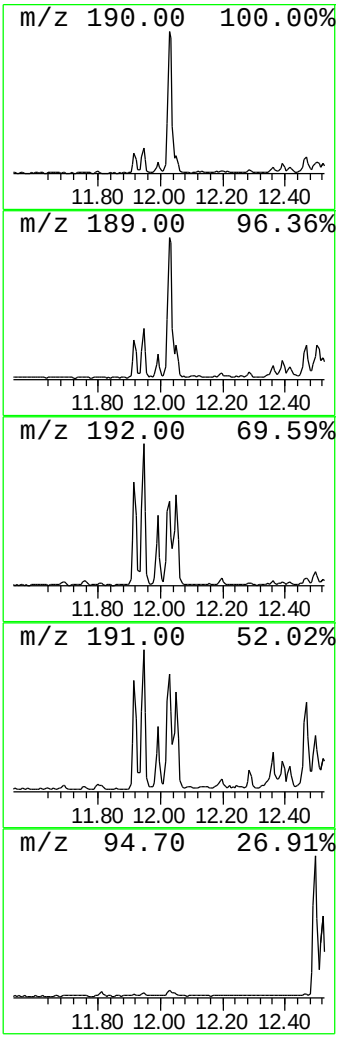
****

Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.08 ng	214941	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

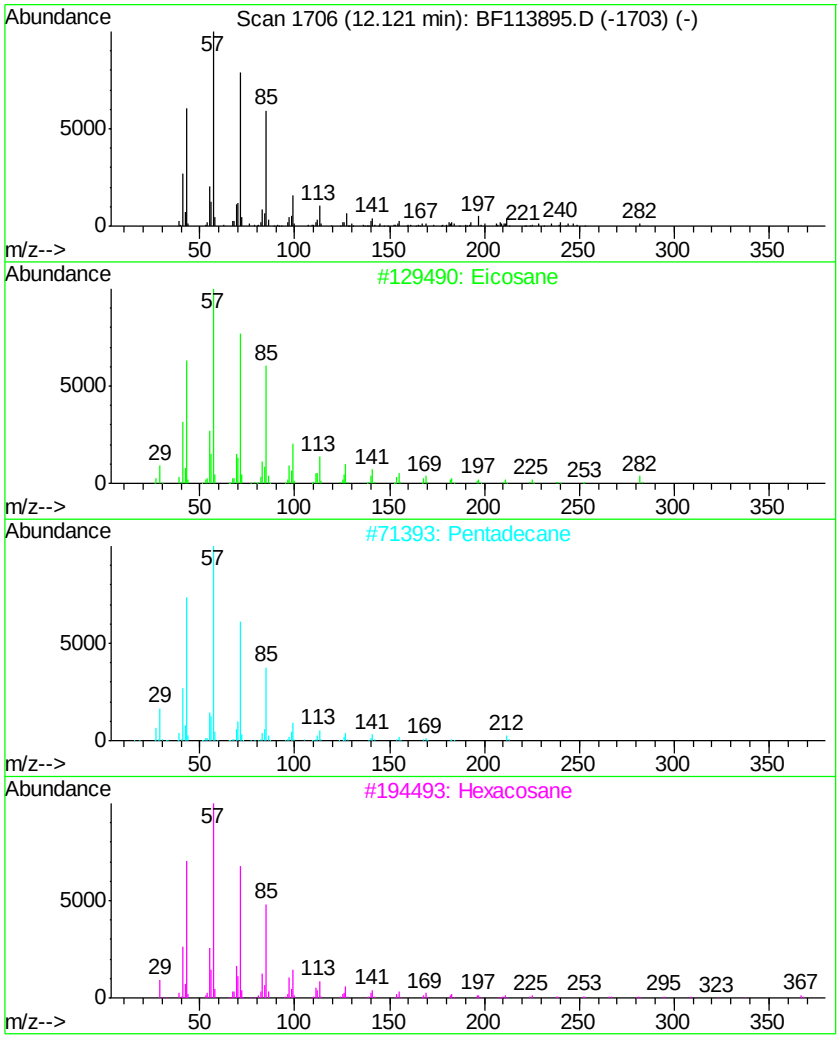
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

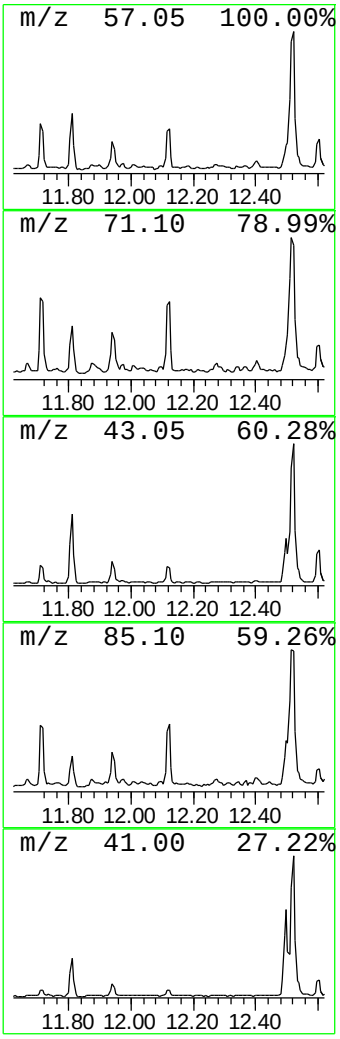
****

Peak Number 10 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.16 ng	150625	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tridecane	184	C13H28	000629-50-5	87
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

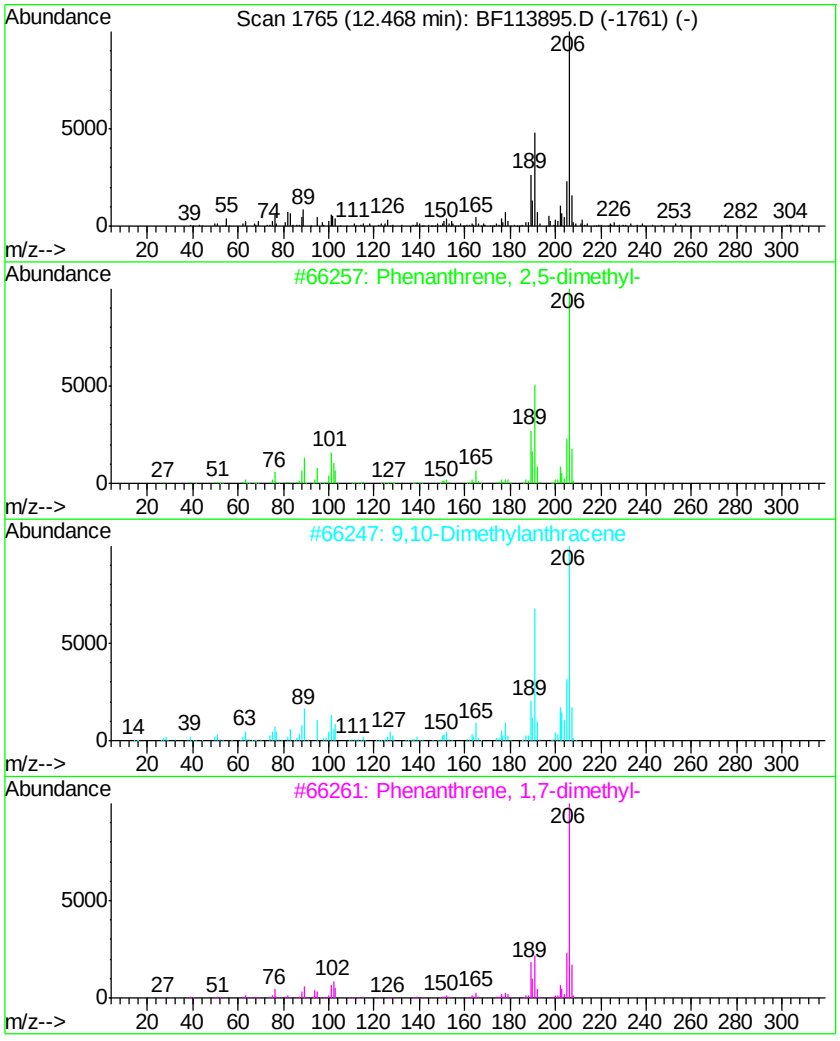
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

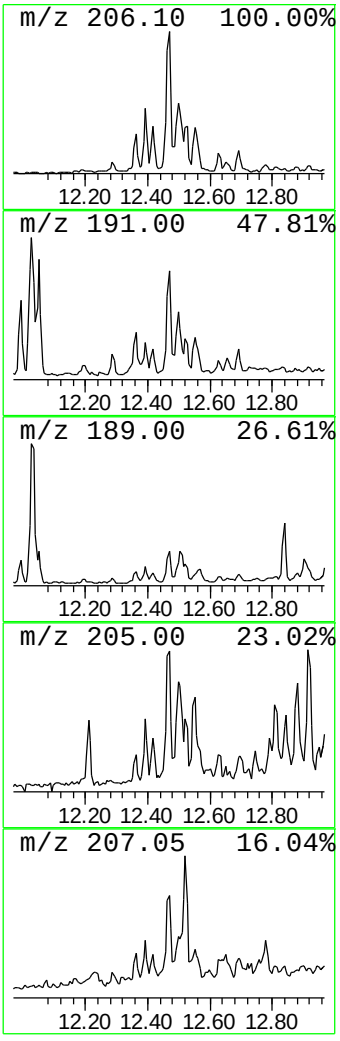
****

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.59 ng	181137	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

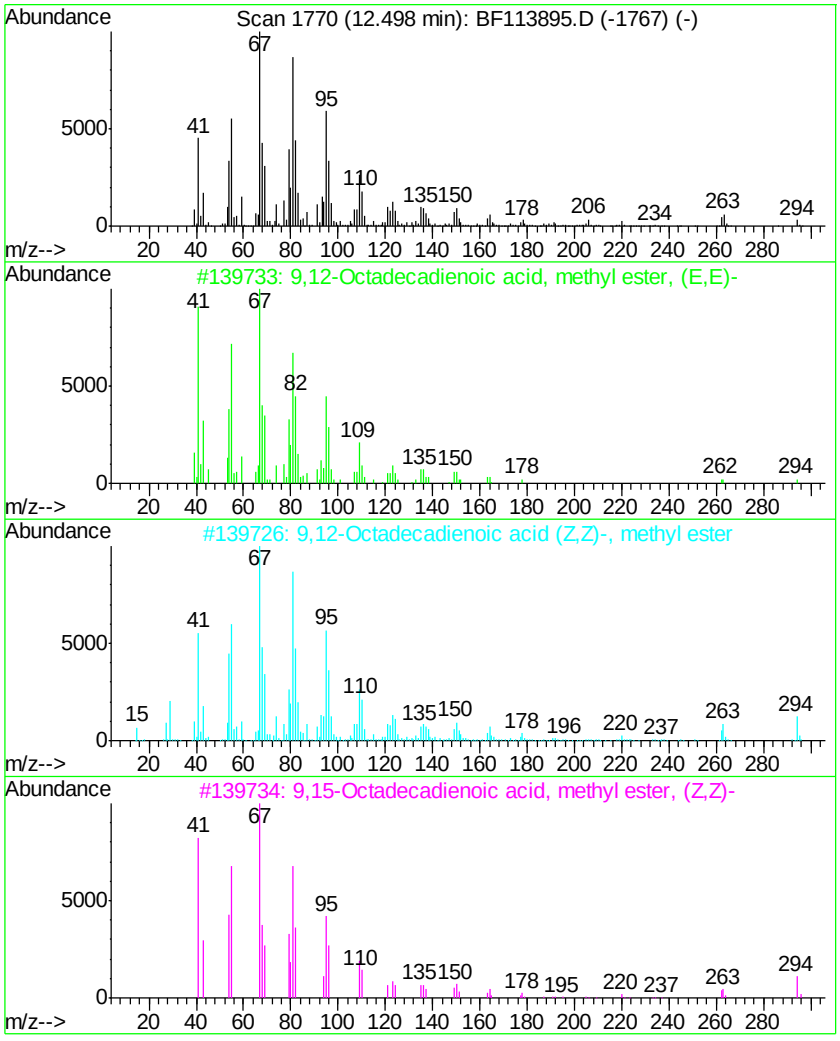
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

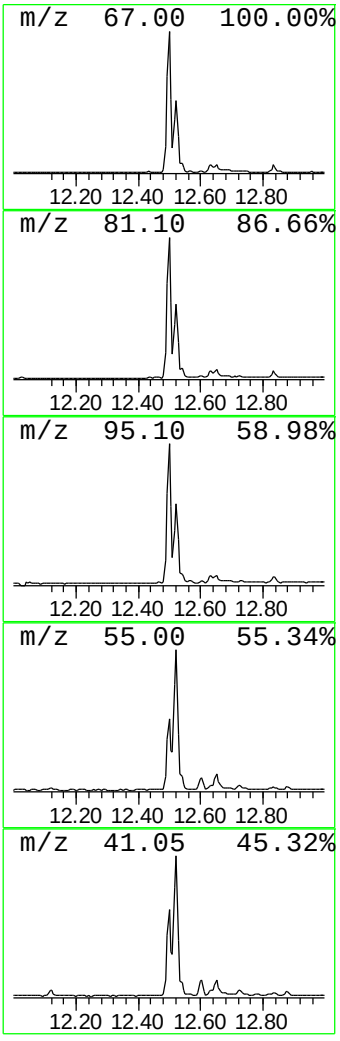
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	51.78 ng	3615030	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

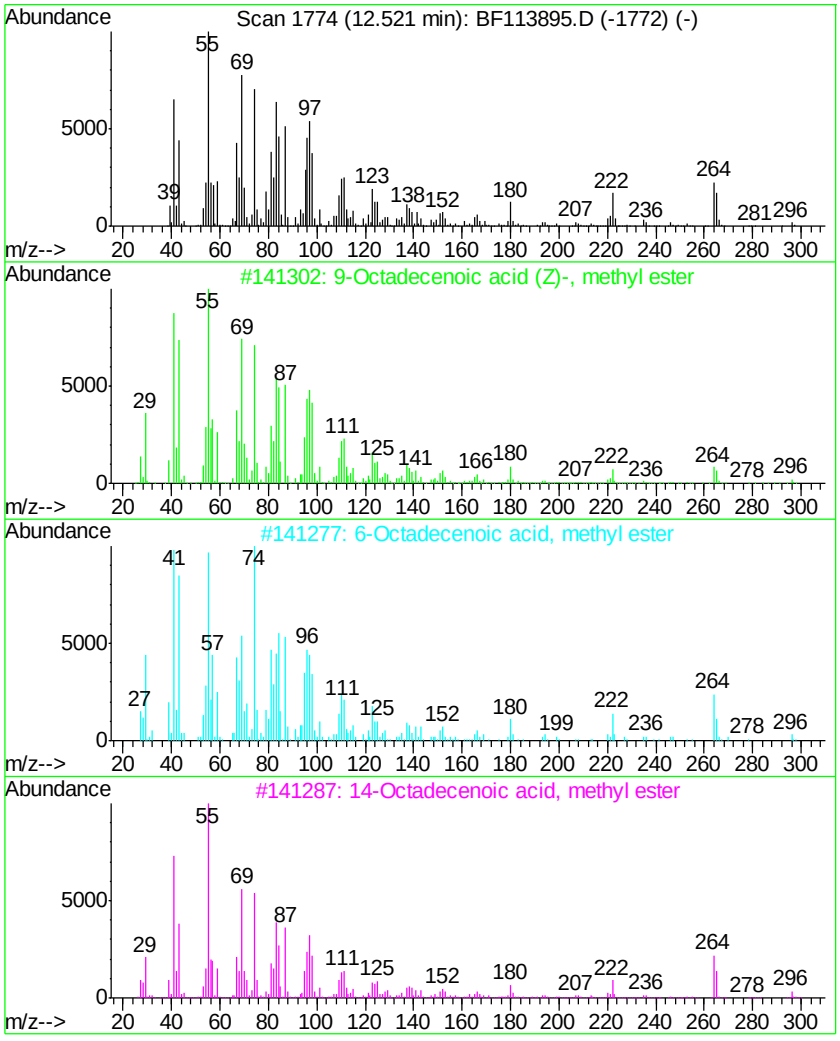
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

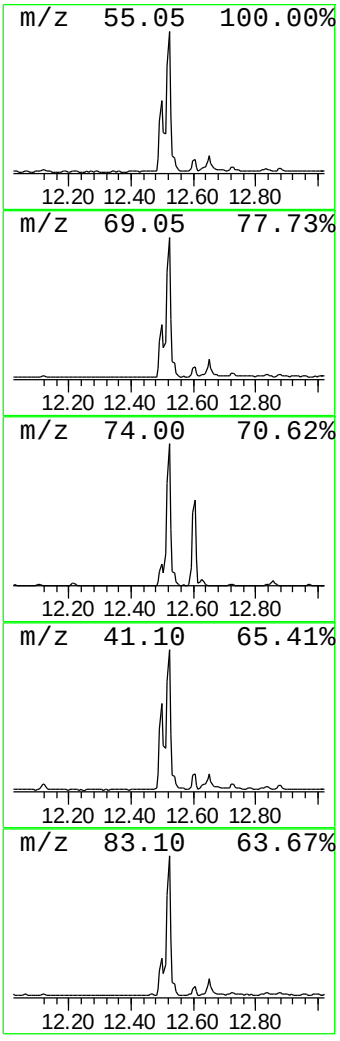
****

Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	55.57 ng	3879390	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	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

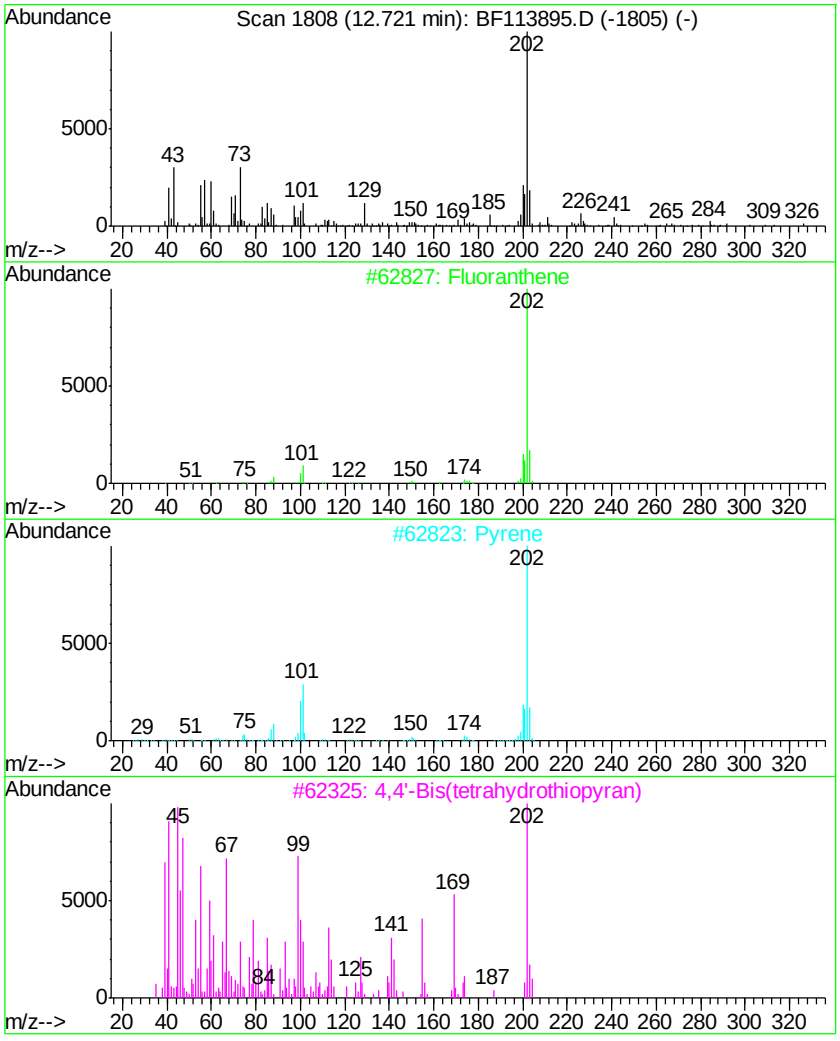
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

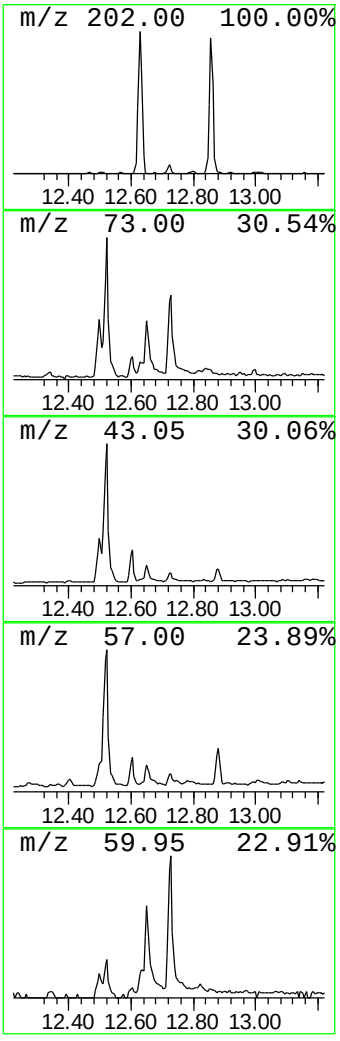
****

Peak Number 14 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	4.41 ng	308156	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	60
2	Pyrene	202	C16H10	000129-00-0	50
3	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	50
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	49
5	(2R,4aS,5S,8aR)-2-Allyl-5-((Z)-p...	243	C17H25N	1159498-69-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

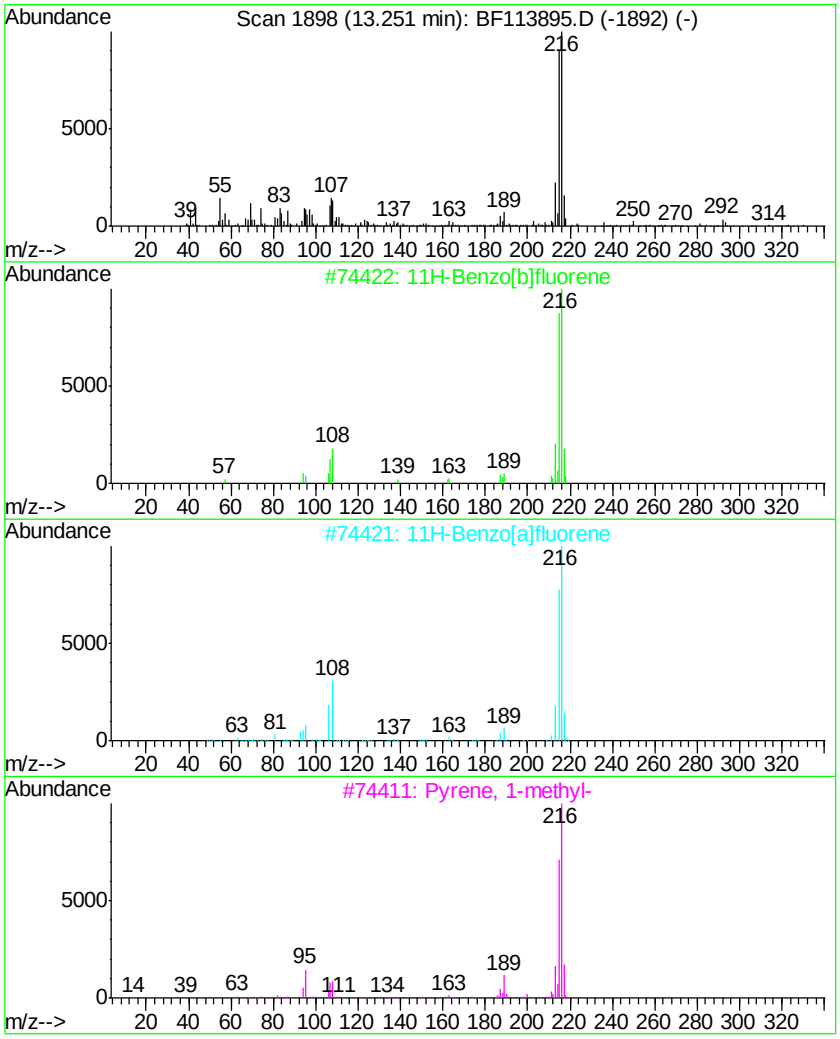
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

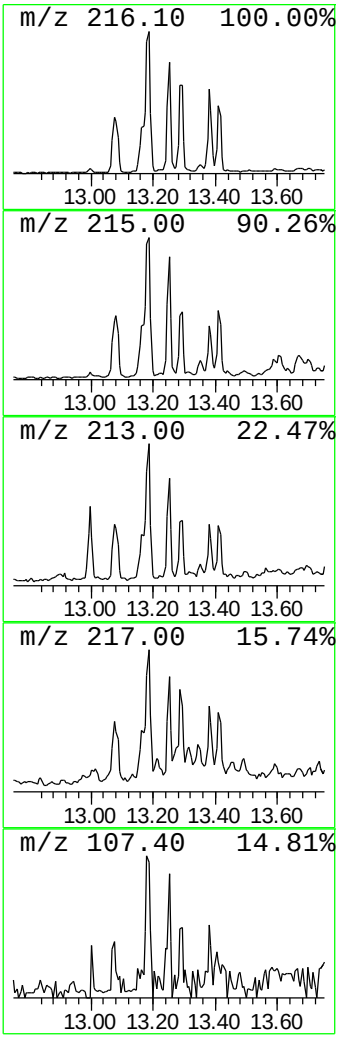
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.57 ng	455348	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

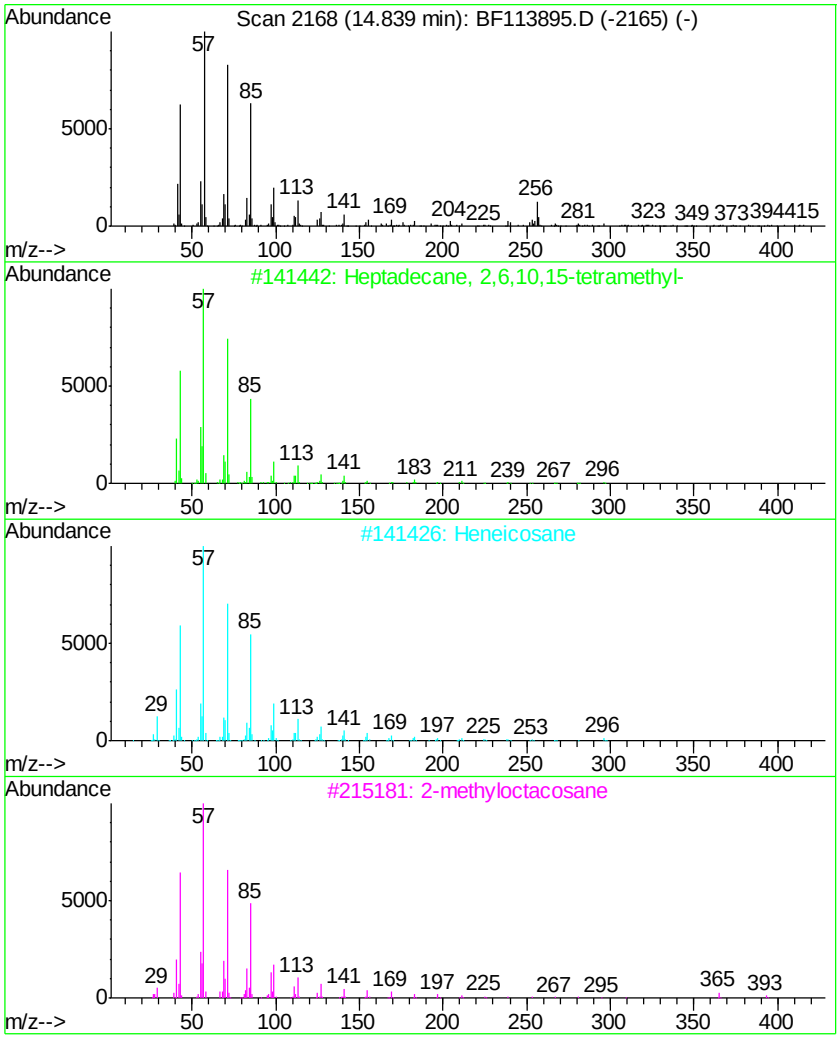
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

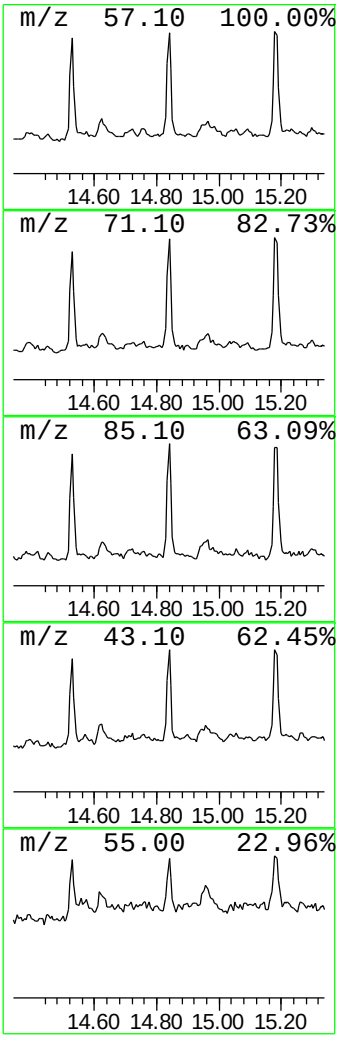
****

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	4.00 ng	259755	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heneicosane	296	C21H44	000629-94-7	89
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Triacontane	422	C30H62	000638-68-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

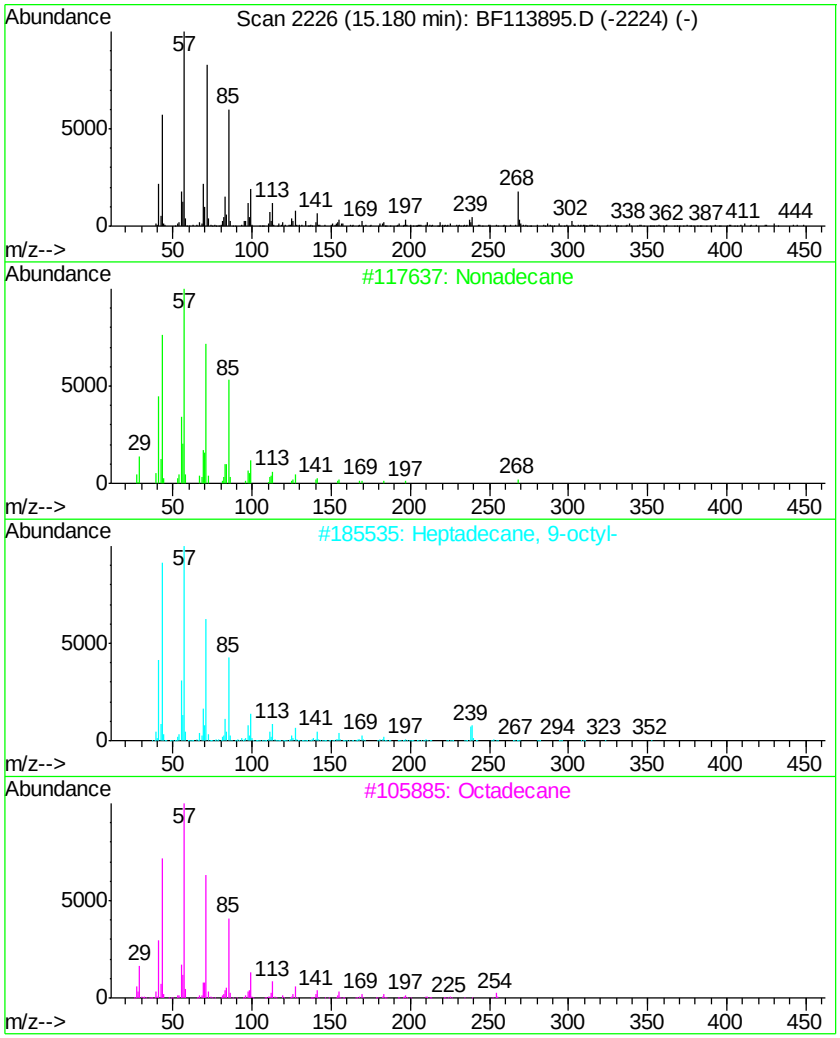
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

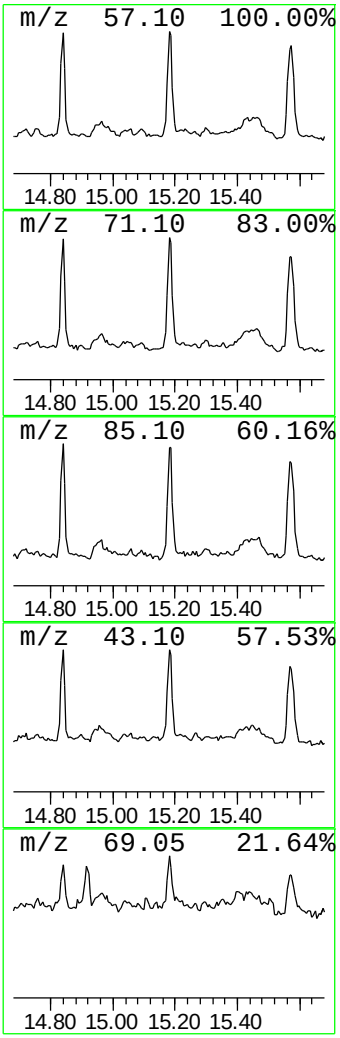
****

Peak Number 17 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	3.97 ng	257635	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

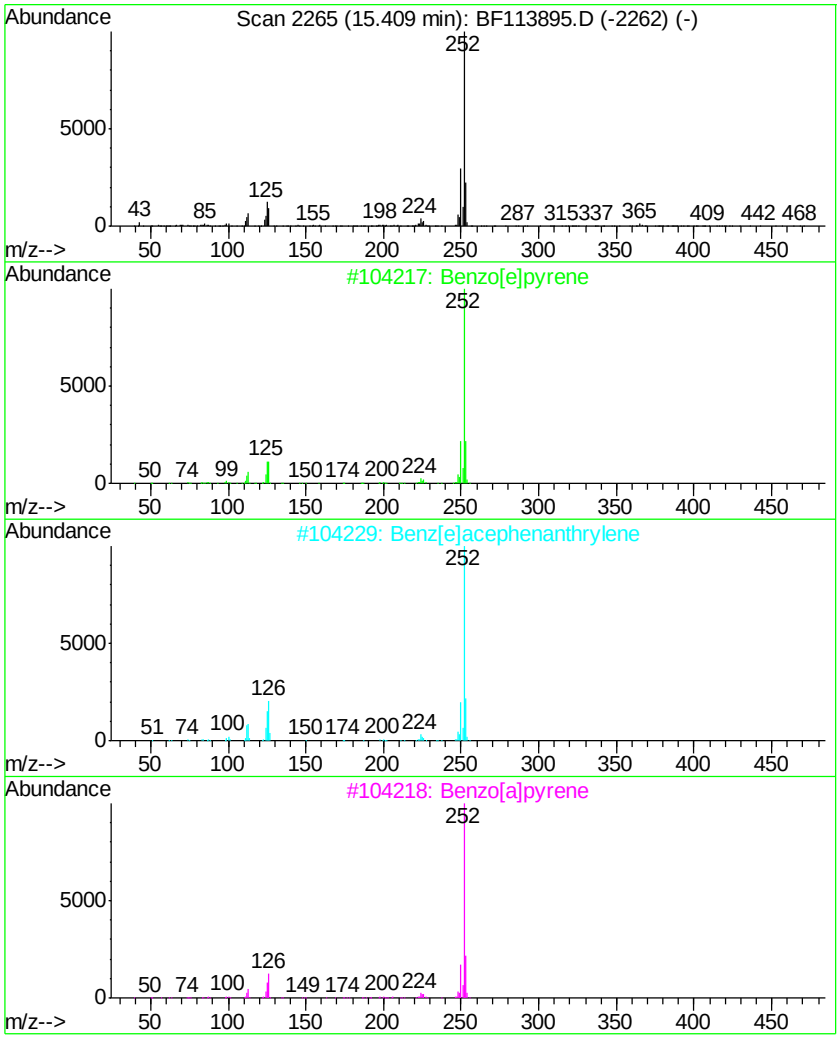
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

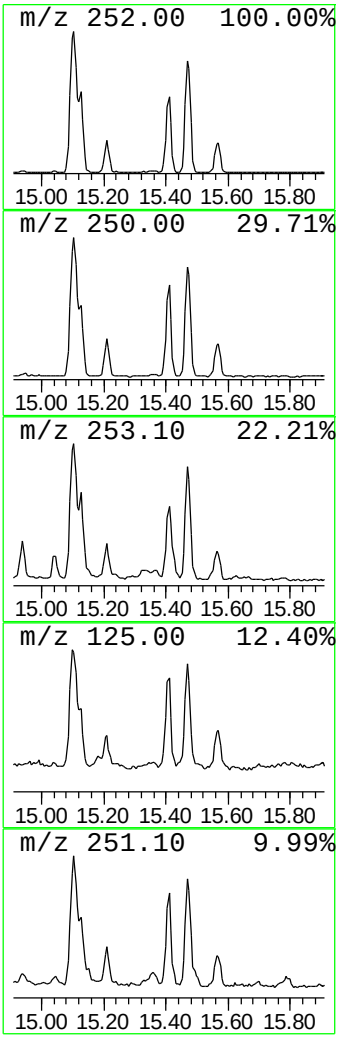
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	6.84 ng	444528	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113895.D
Acq On : 22 Apr 2019 23:09
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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
unknown6.66	6.66	29.2	ng	1419780	1	6.90	973702	20.0
5-Ethyldecane	10.59	2.3	ng	139368	3	9.93	1227340	20.0
Tetradecane, 2,6,...	10.84	4.1	ng	283103	4	11.42	1396260	20.0
Heneicosane	11.29	2.4	ng	165048	4	11.42	1396260	20.0
Heptadecane	11.71	2.7	ng	185703	4	11.42	1396260	20.0
Hexadecanoic acid...	11.81	17.6	ng	1230890	4	11.42	1396260	20.0
n-Hexadecanoic acid	11.94	6.2	ng	435877	4	11.42	1396260	20.0
Benzaldehyde, 3,5...	12.03	3.1	ng	214941	4	11.42	1396260	20.0
Eicosane	12.12	2.2	ng	150625	4	11.42	1396260	20.0
Phenanthrene, 2,5...	12.47	2.6	ng	181137	4	11.42	1396260	20.0
9,12-Octadecadien...	12.50	51.8	ng	3615030	4	11.42	1396260	20.0
9-Octadecenoic ac...	12.52	55.6	ng	3879390	4	11.42	1396260	20.0
4,4'-Bis(tetrahyd...	12.72	4.4	ng	308156	4	11.42	1396260	20.0
11H-Benzo[b]fluorene	13.25	2.6	ng	455348	5	14.06	3547020	20.0
Heptadecane, 2,6,...	14.84	4.0	ng	259755	6	15.54	1299240	20.0
Nonadecane	15.18	4.0	ng	257635	6	15.54	1299240	20.0
Benzo[e]pyrene	15.41	6.8	ng	444528	6	15.54	1299240	20.0