LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-C

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-BF060419.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	5.263	536	540	546	rBV	1493027	1426639	5.51%	1.220%
2	6.298	712	716	727	rBV	2522589	2066679	7.98%	1.767%
3	6.434	735	739	743	rBV	2426160	2003383	7.73%	1.713%
4	6.669	775	779	782	rBV	2530854	1982414	7.65%	1.695%
5	6.822	802	805	809	rBV	1620874	1366534	5.27%	1.168%
6	7.222	869	873	877	rBV	1477418	1276910	4.93%	1.092%
7	7.951	993	997	1000	rBV	3396933	2675341	10.32%	2.287%
8	9.027	1176	1180	1183	rBV	3485133	3136927	12.11%	2.682%
9	9.416	1244	1246	1249	rBV	460941	396364	1.53%	0.339%
10	9.698	1290	1294	1297	rBV	3545387	2960374	11.42%	2.531%
11	10.480	1423	1427	1431	rVB	2173113	2012716	7.77%	1.721%
12	10.616	1447	1450	1457	rVB2	401346	542888	2.10%	0.464%
13	11.063	1523	1526	1529	rVV2	454698	441032	1.70%	0.377%
14	11.174	1541	1545	1547	rBV	3227328	2998732	11.57%	2.563%
15	11.198	1547	1549	1552	rVV	2360358	1842957	7.11%	1.575%
16	11.245	1552	1557	1561	rVV	712577	603480	2.33%	0.516%
17	11.592	1611	1616	1619	rBV	9976633	9117970	35.19%	7.795%
18	11.674	1627	1630	1632	rBV	472991	403545	1.56%	0.345%
19	11.698	1632	1634	1636	rVV	576264	592377	2.29%	0.506%
20	11.721	1636	1638	1641	rVV	1505714	1419454	5.48%	1.213%
21	11.745	1641	1642	1645	rVV	369355	277058	1.07%	0.237%
22	11.780	1645	1648	1651	rVV	818832	893435	3.45%	0.764%
23	11.804	1651	1652	1658	rVB2	373450	292313	1.13%	0.250%
24	11.898	1665	1668	1672	rVB3	294229	345687	1.33%	0.296%
25	11.968	1677	1680	1682	rVV	306821	311239	1.20%	0.266%
26	12.221	1720	1723	1726	rBV	349641	331238	1.28%	0.283%
27	12.286	1727	1734	1736	rVV	12235310	25912344	100.00%	22.151%
28	12.310	1736	1738	1742	rVV2	12424931	12311154	47.51%	10.524%
29	12.345	1742	1744	1746	rVB	414556	297472	1.15%	0.254%
30	12.380	1746	1750	1753	rBV	8599415	8213924	31.70%	7.022%
31	12.410	1753	1755	1756	rVV	929520	806798	3.11%	0.690%
32	12.427	1756	1758	1764	rVV5	783956	932128	3.60%	0.797%
33	12.504	1768	1771	1773	rBV	351591	375834	1.45%	0.321%
34	12.610	1783	1789	1792	rBV2	4108685	4584351	17.69%	3.919%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-C

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-BF060419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.657	1794	1797	1803	rVB3	320601	475971	1.84%	0.407%
36	12.733	1807	1810	1811	rBV	260361	280848	1.08%	0.240%
37	12.757	1811	1814	1821	rVB	3777328	3403720	13.14%	2.910%
38	12.833	1821	1827	1829	rBV2	379547	644716	2.49%	0.551%
39	12.939	1842	1845	1847	rVB	484999	497442	1.92%	0.425%
40	13.004	1853	1856	1858	rBV2	550012	619967	2.39%	0.530%
41	13.039	1860	1862	1866	rVB	528002	420430	1.62%	0.359%
42	13.098	1869	1872	1875	rBV	684917	679337	2.62%	0.581%
43	13.157	1880	1882	1886	rBV2	300110	294092	1.13%	0.251%
44	13.433	1927	1929	1935	rVB	372731	420179	1.62%	0.359%
45	13.545	1945	1948	1951	rBV2	290380	296280	1.14%	0.253%
46	13.598	1955	1957	1961	rBV2	220803	262934	1.01%	0.225%
47	13.662	1966	1968	1972	rVB2	413453	454489	1.75%	0.389%
48	13.762	1982	1985	1987	rBV	656377	616714	2.38%	0.527%
49	13.792	1987	1990	1993	rVV2	3053371	4227716	16.32%	3.614%
50	13.821	1993	1995	1998	rVB	1737820	1384921	5.34%	1.184%
51	14.180	2054	2056	2060	rVB	369158	309198	1.19%	0.264%
52	14.798	2157	2161	2168	rBV	1249960	2341816	9.04%	2.002%
53	14.892	2175	2177	2183	rVB	638513	700618	2.70%	0.599%
54	15.068	2204	2207	2213	rVB	726795	831274	3.21%	0.711%
55	15.121	2213	2216	2220	rBV	1075513	1219521	4.71%	1.043%
56	15.180	2223	2226	2229	rBV	1290576	1445209	5.58%	1.235%

Sum of corrected areas: 116979083

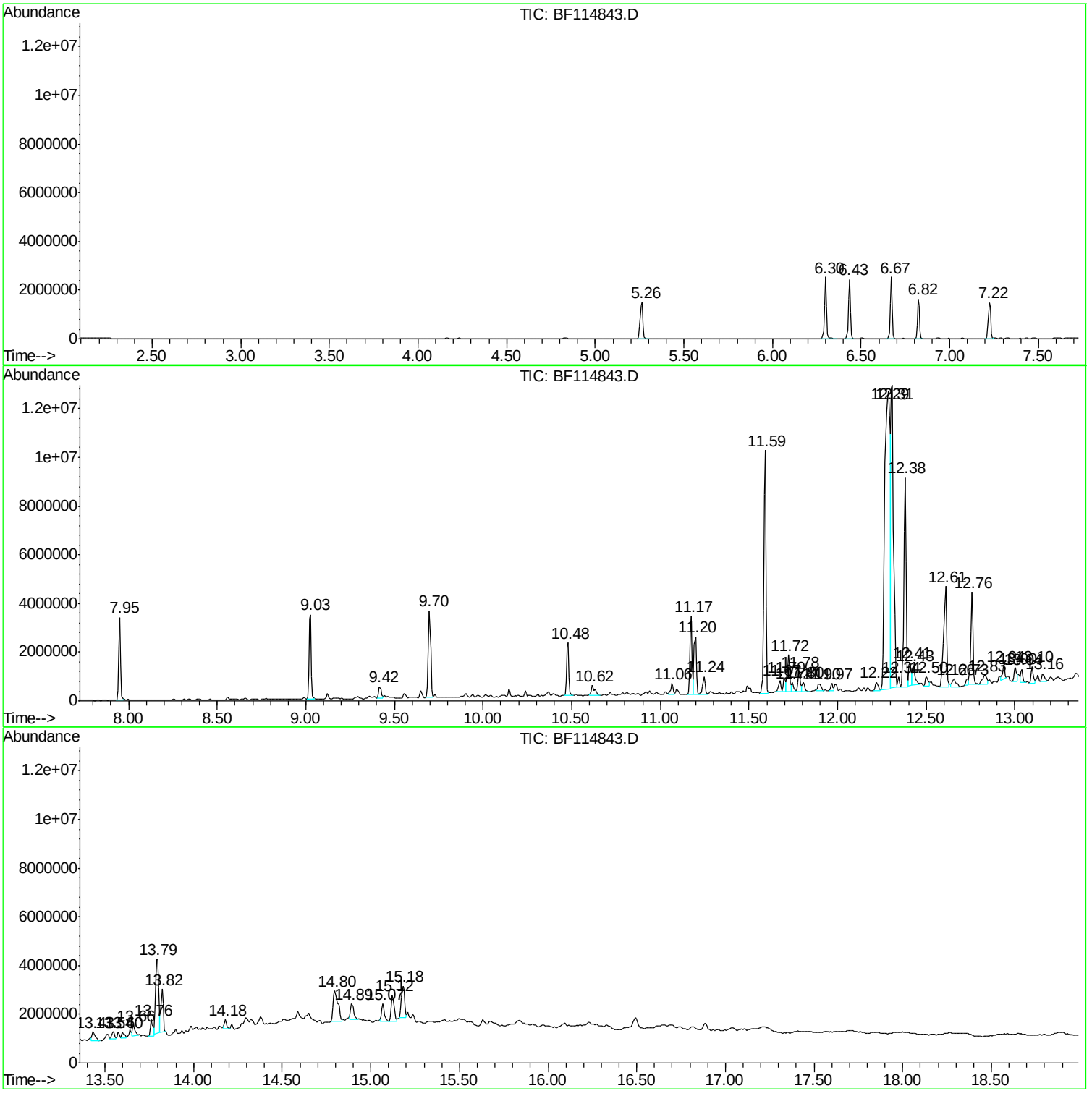
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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\BF060519\
Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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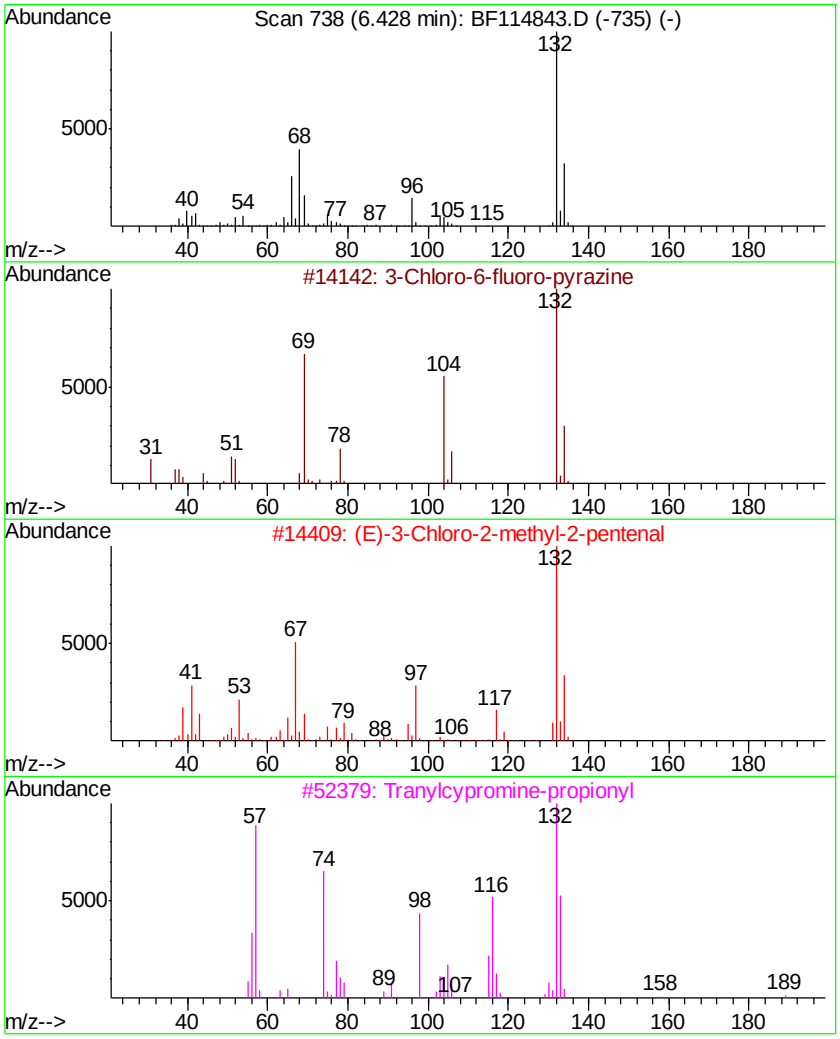
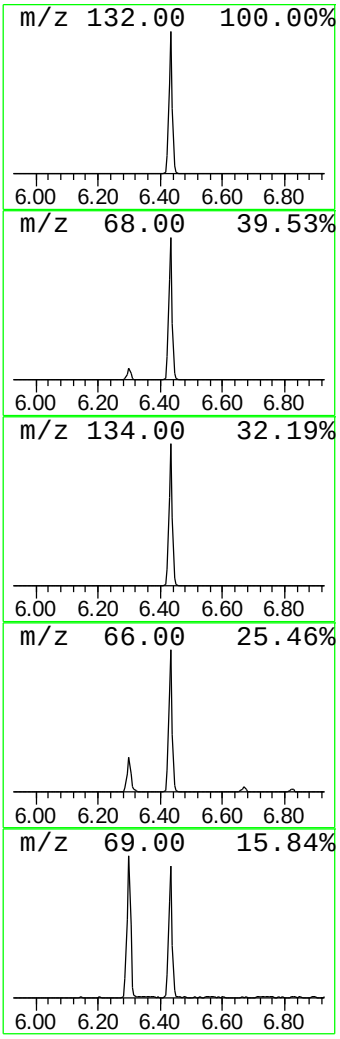
Peak Number 1 unknown6.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	20.21 ng	2003380	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	Amphetaminil	250	C17H18N2	017590-01-1	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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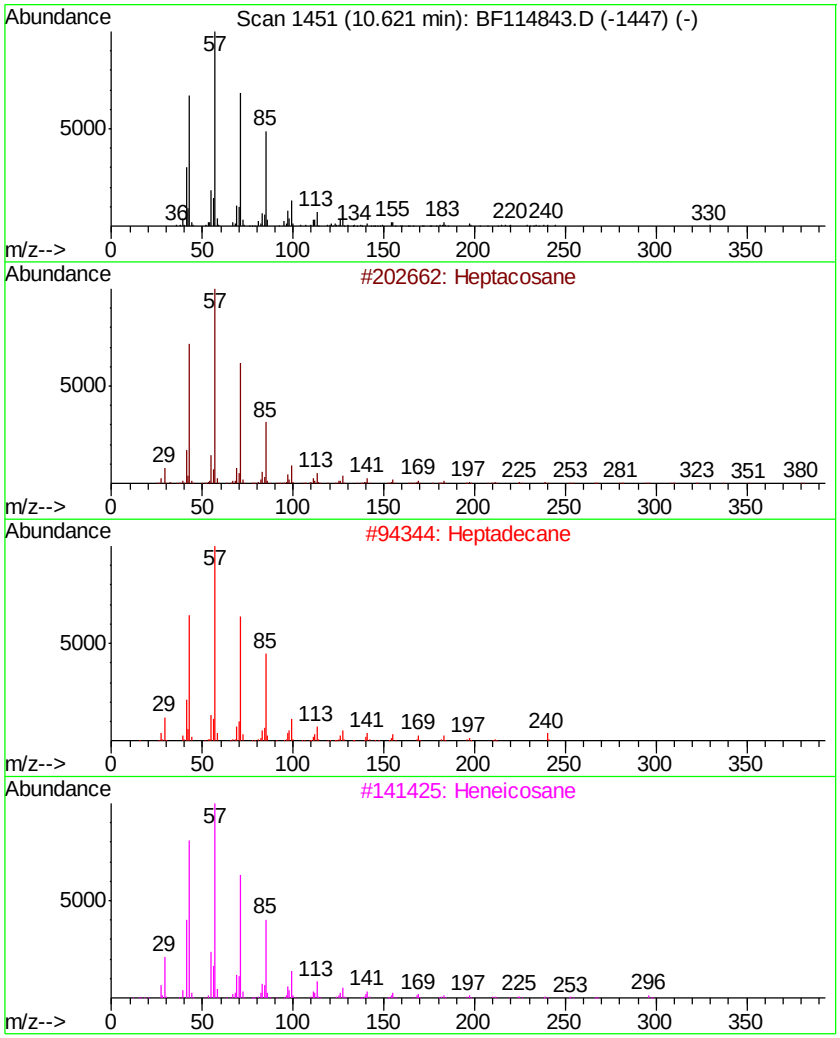
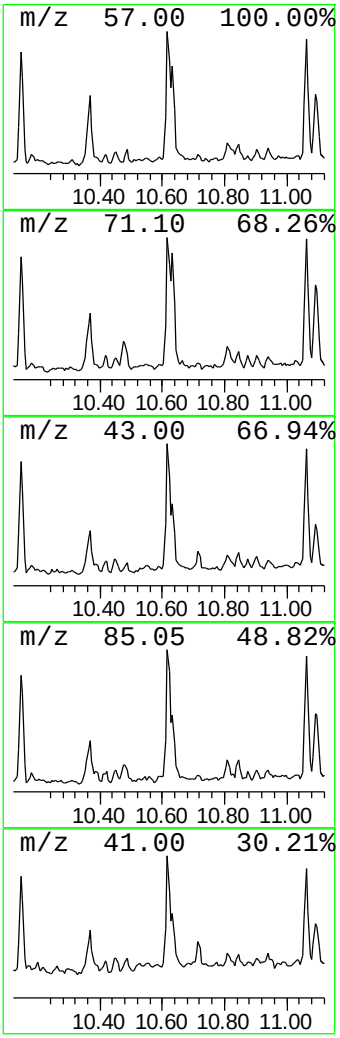
Peak Number 3 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	3.62 ng	542888	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
5	Nonadecane	268	C19H40	000629-92-5	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

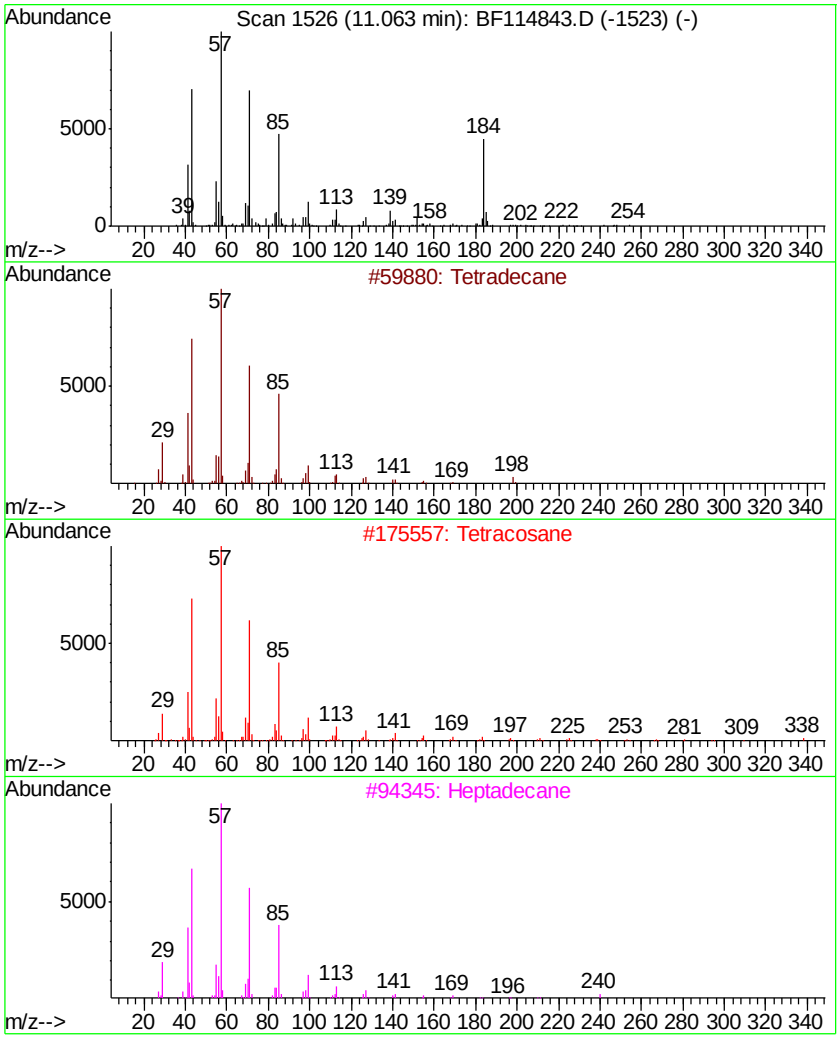
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

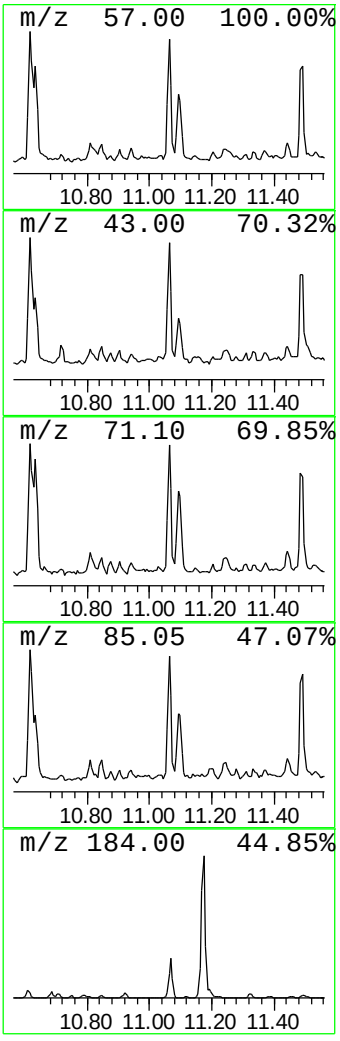
****

Peak Number 4 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.94 ng	441032	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Tetracosane	338	C24H50	000646-31-1	58
3	Heptadecane	240	C17H36	000629-78-7	53
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
5	Eicosane	282	C20H42	000112-95-8	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

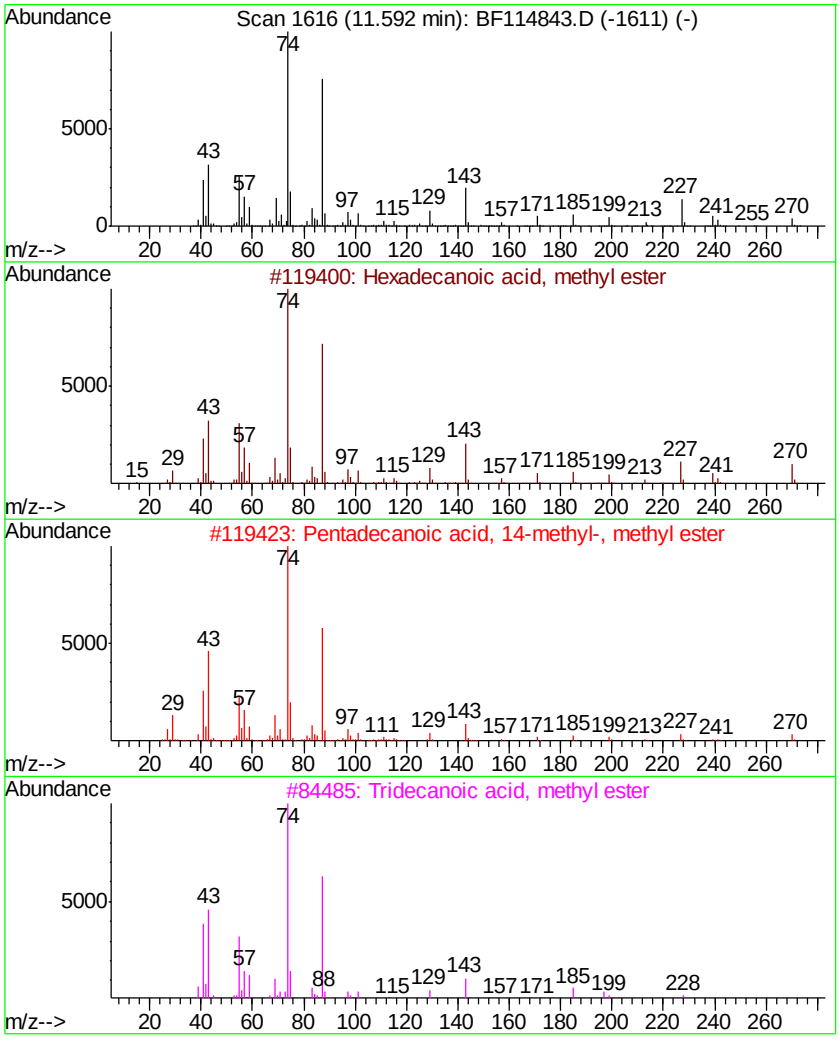
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

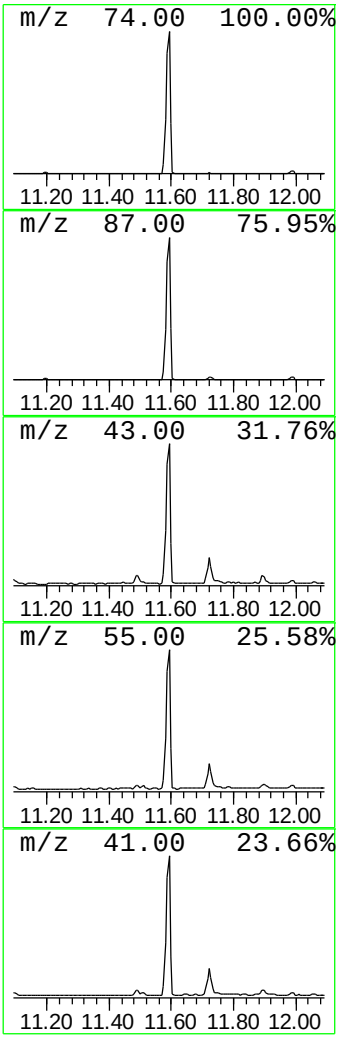
****

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	60.81 ng	9117970	Phenanthrene-d10	11.17

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	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81





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Acq On : 6 Jun 2019 2:36
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Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

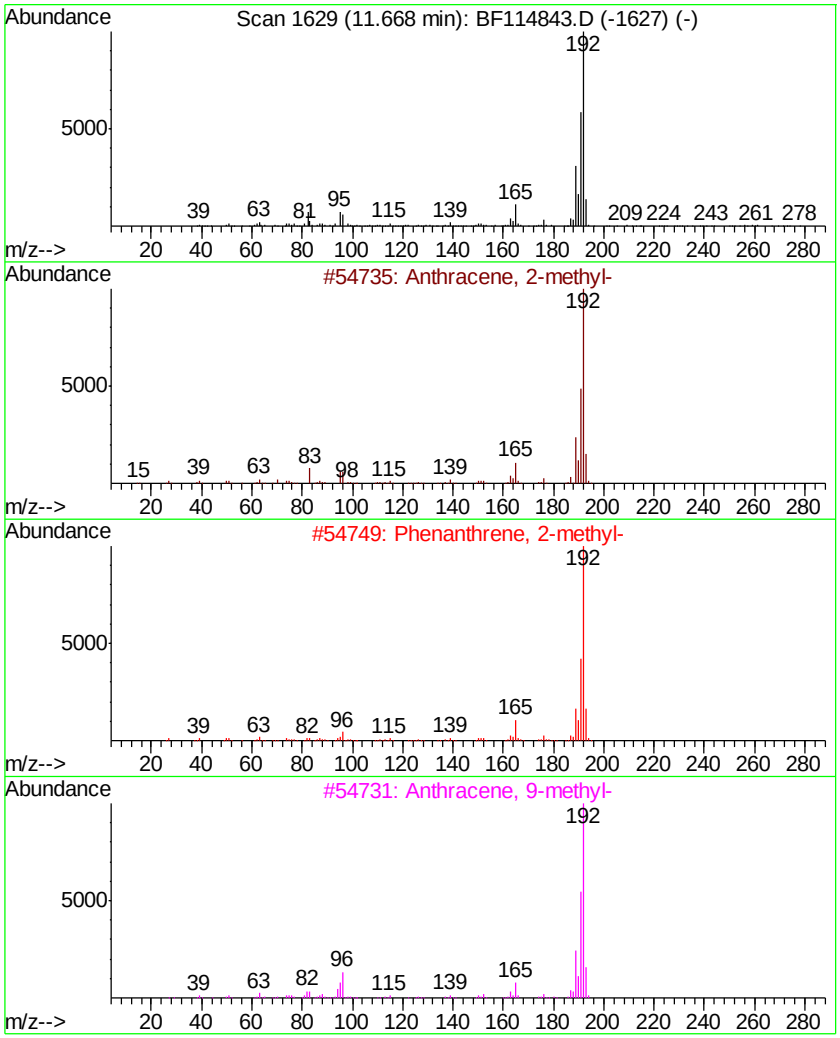
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

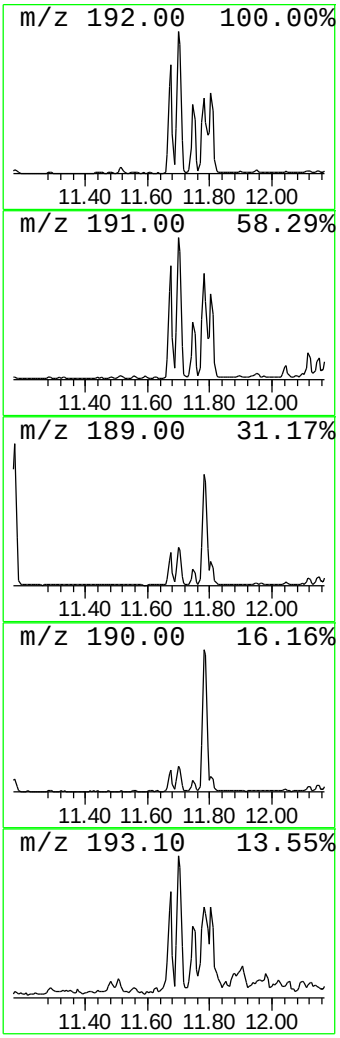
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	2.69 ng	403545	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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Misc :
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Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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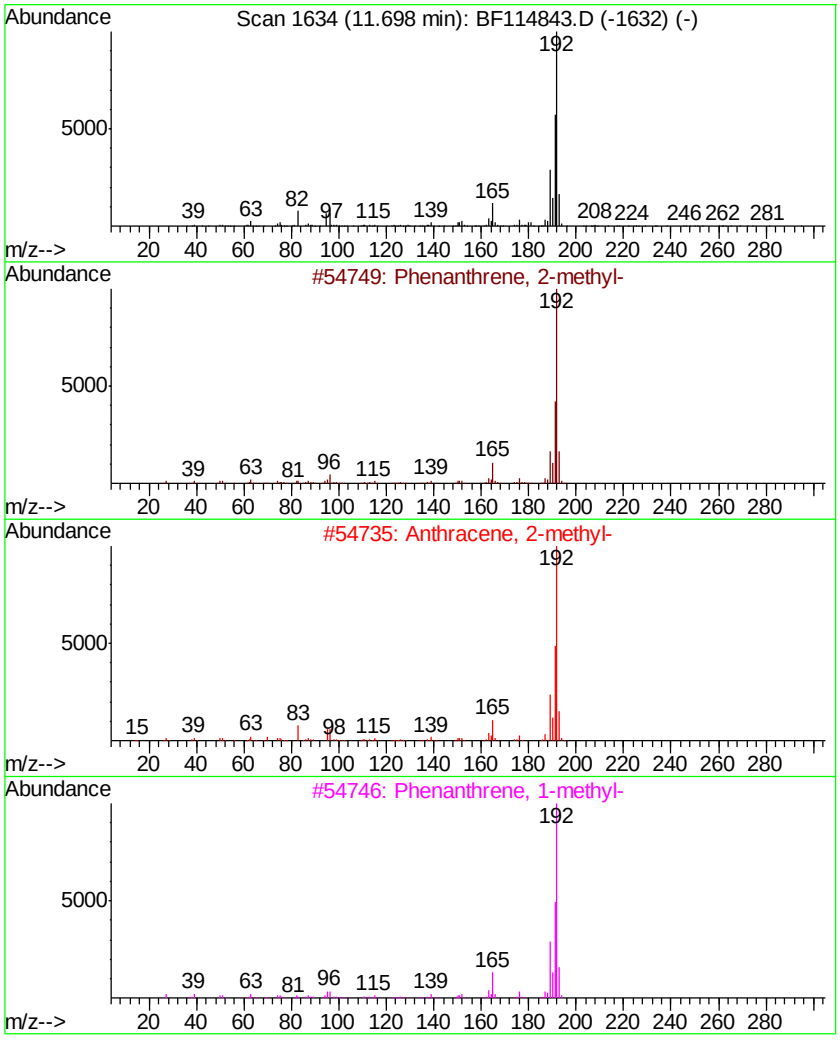
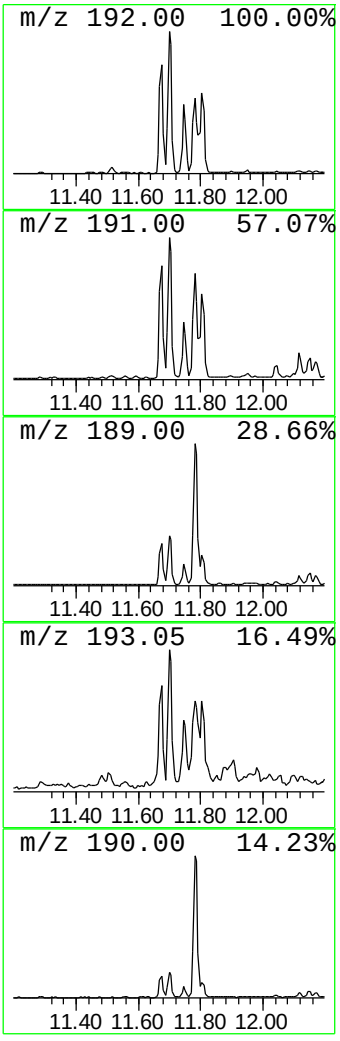
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.95 ng	592377	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
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Acq On : 6 Jun 2019 2:36
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Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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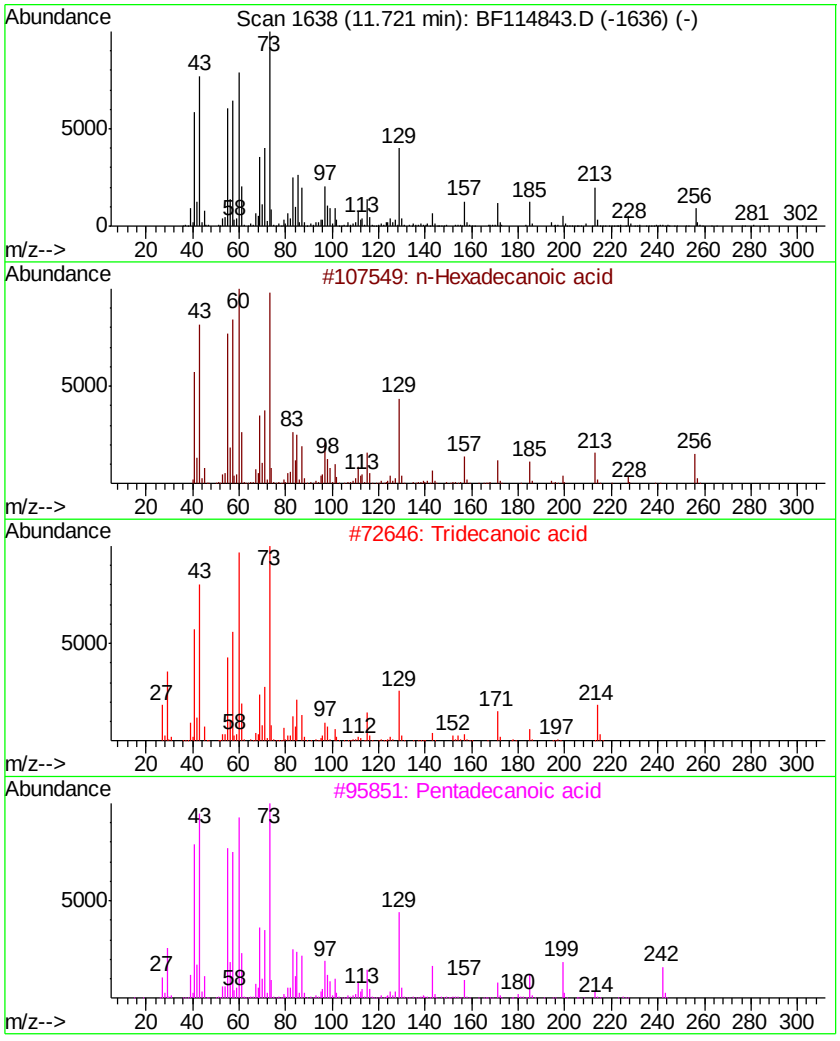
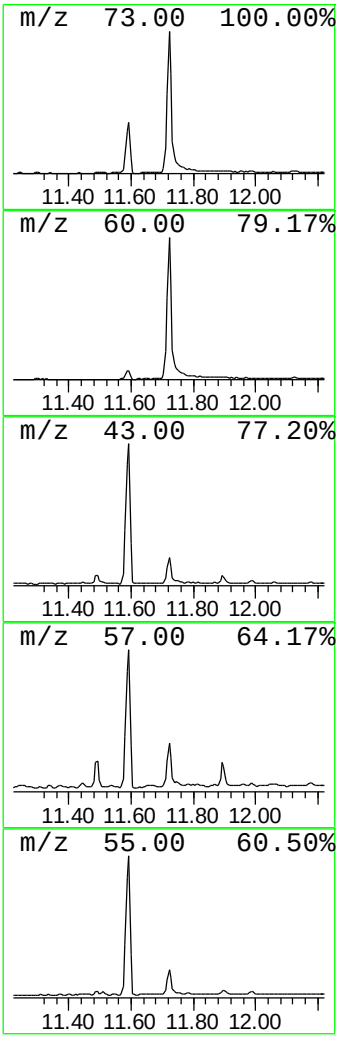
Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	9.47 ng	1419450	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

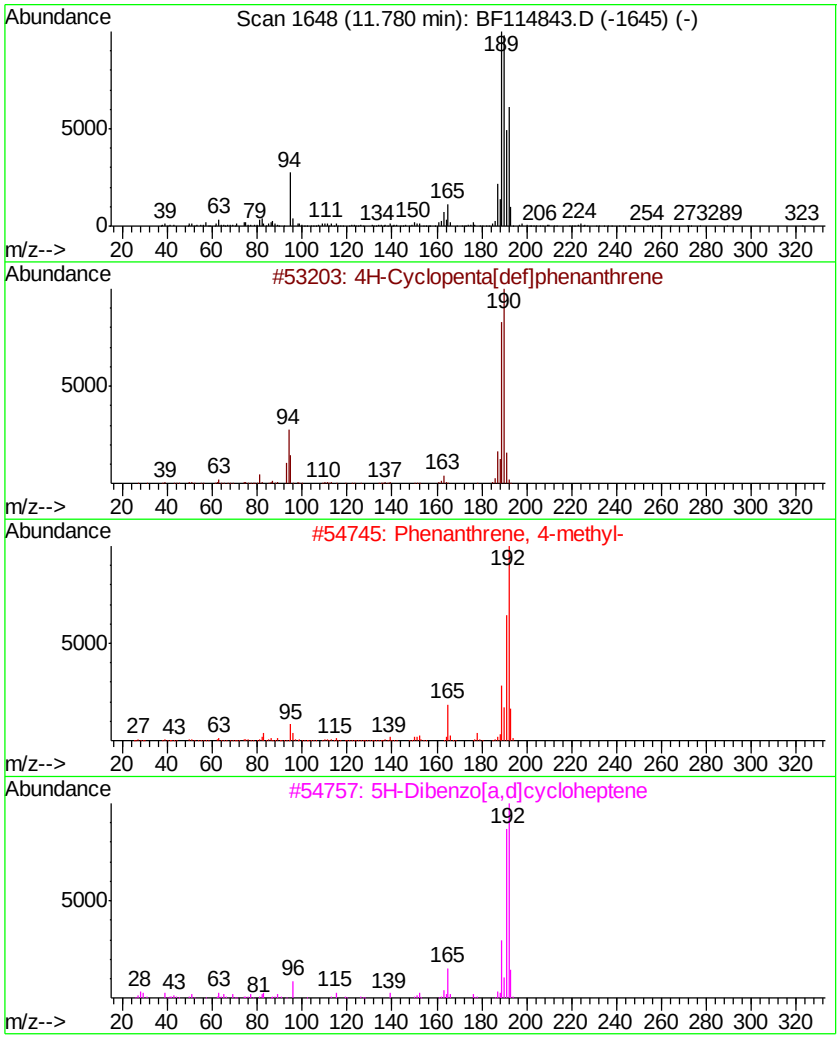
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

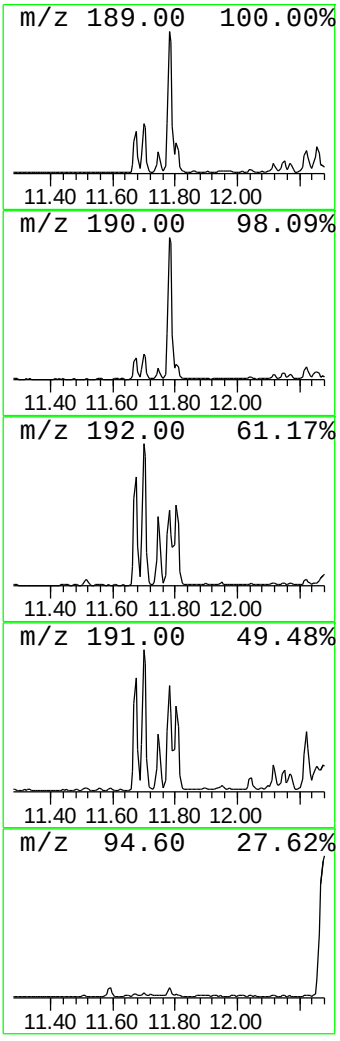
****

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	5.96 ng	893435	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

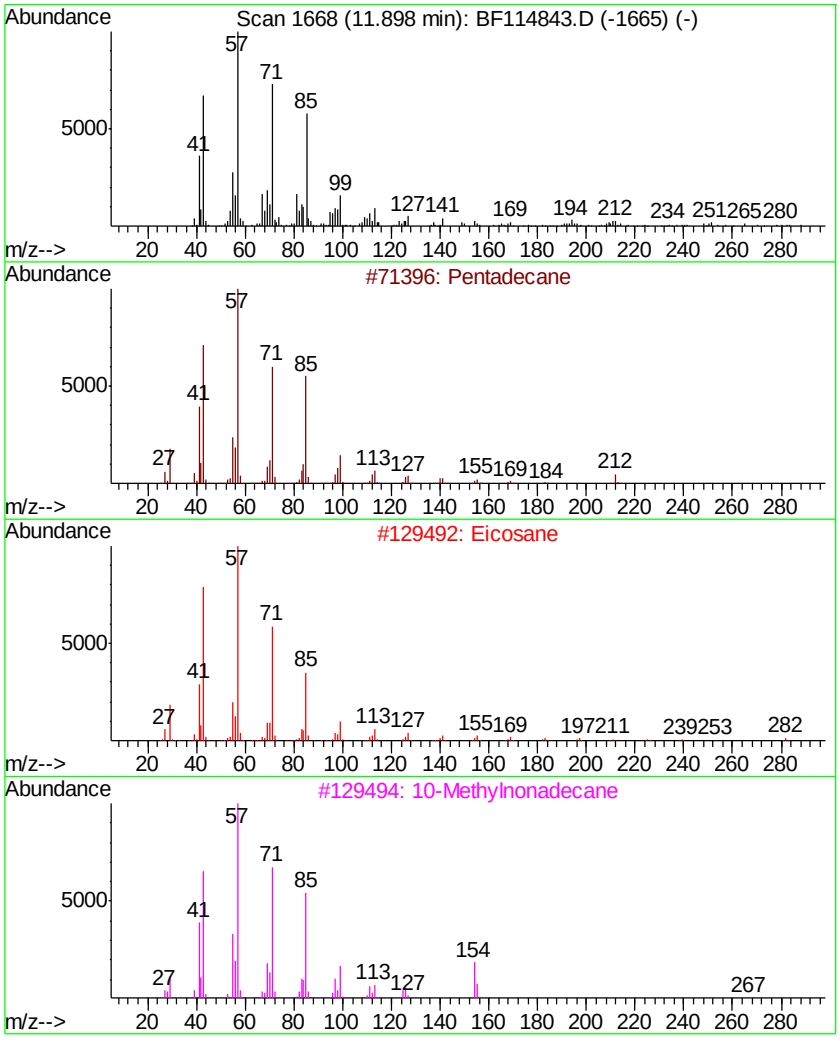
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

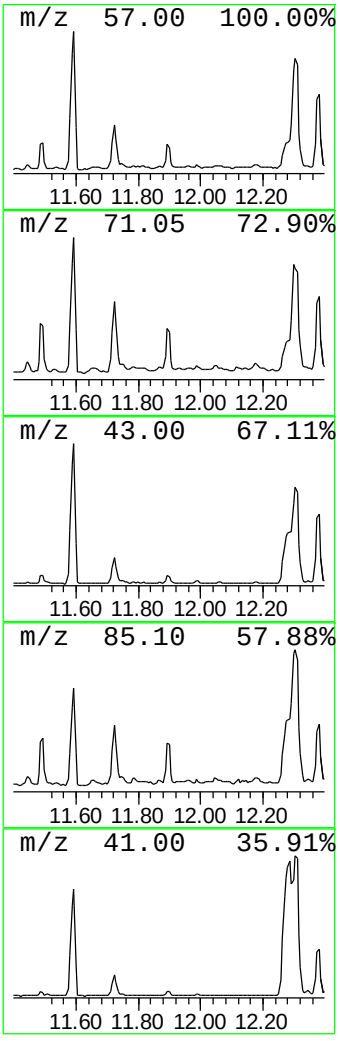
****

Peak Number 10 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.31 ng	345687	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Eicosane	282	C20H42	000112-95-8	91
3	10-Methylnonadecane	282	C20H42	056862-62-5	91
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tetradecane	198	C14H30	000629-59-4	80





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Acq On : 6 Jun 2019 2:36
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Misc :
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Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
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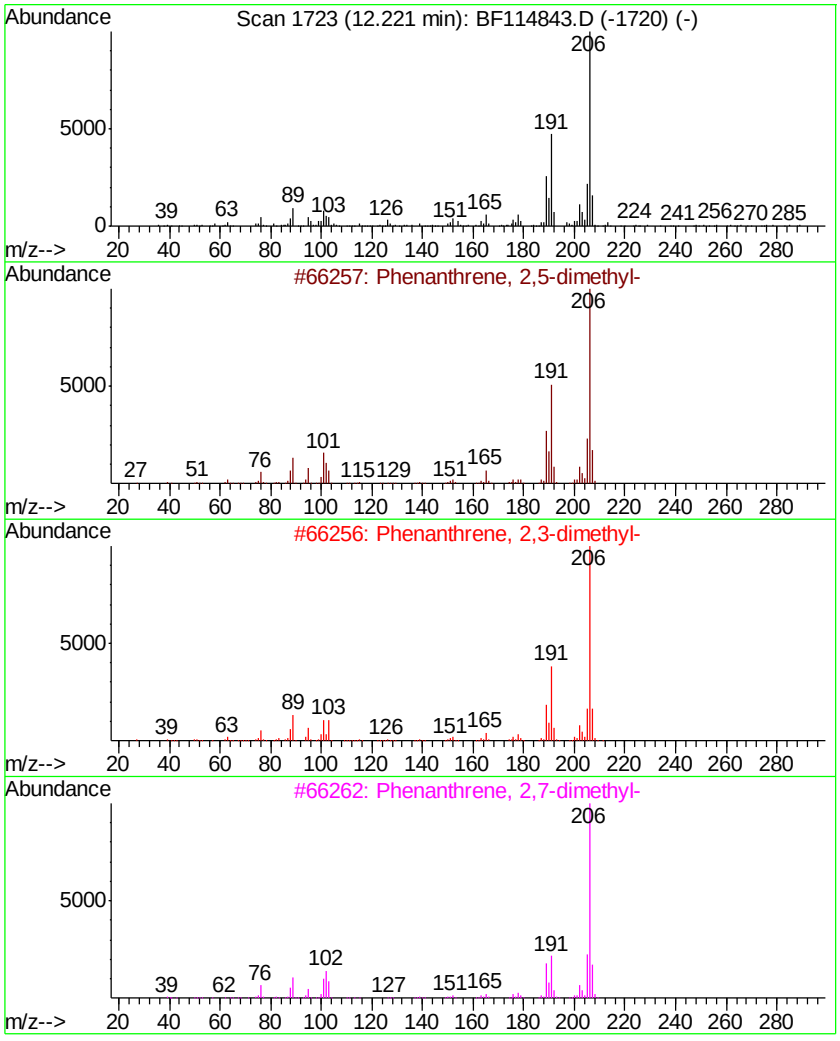
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

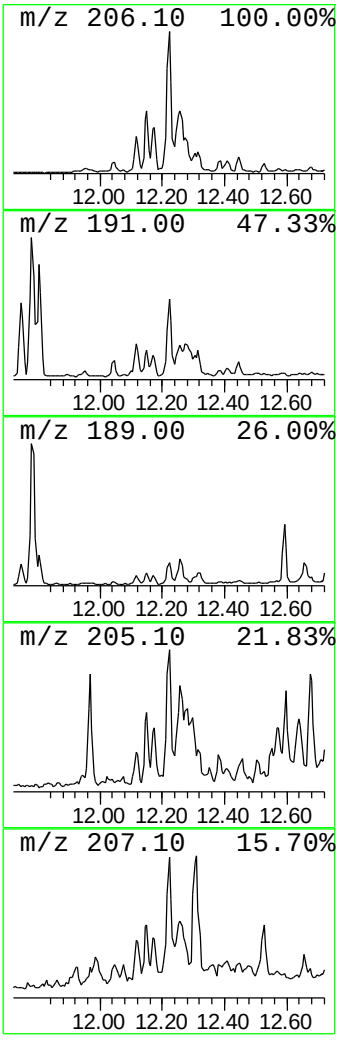
****

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.21 ng	331238	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





Library Search Compound Report

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Operator : HP/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : AU-06-060419-C

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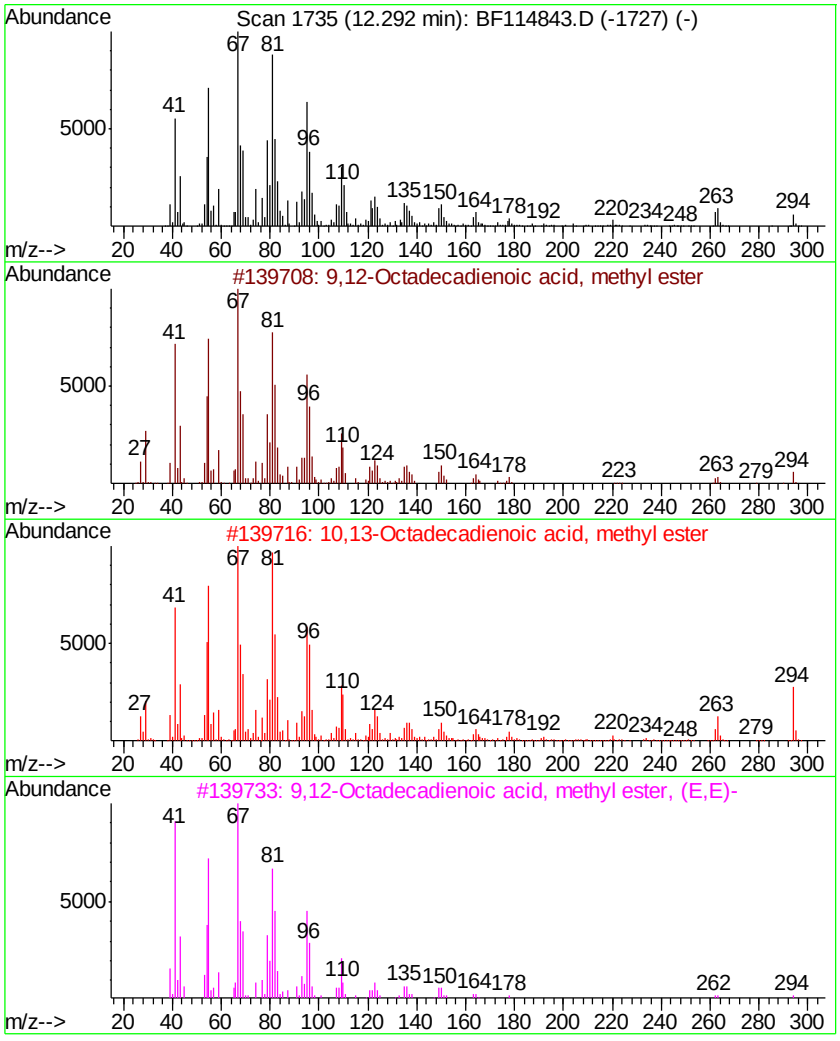
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

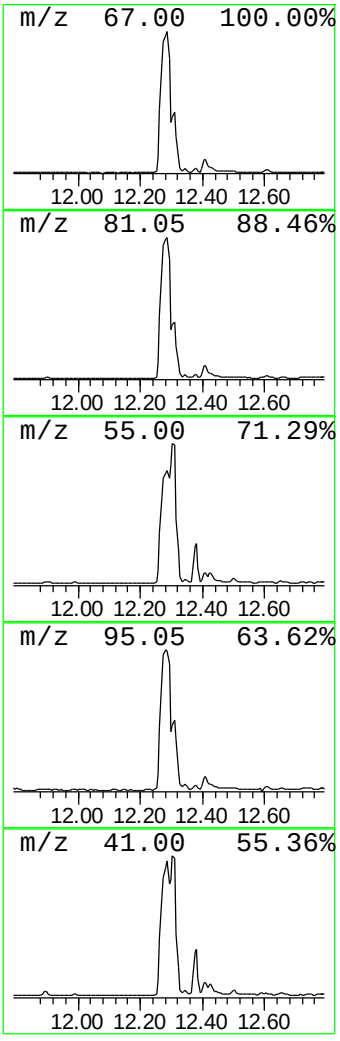
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	172.82 ng	25912300	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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Operator : HP/JU
Sample : K3151-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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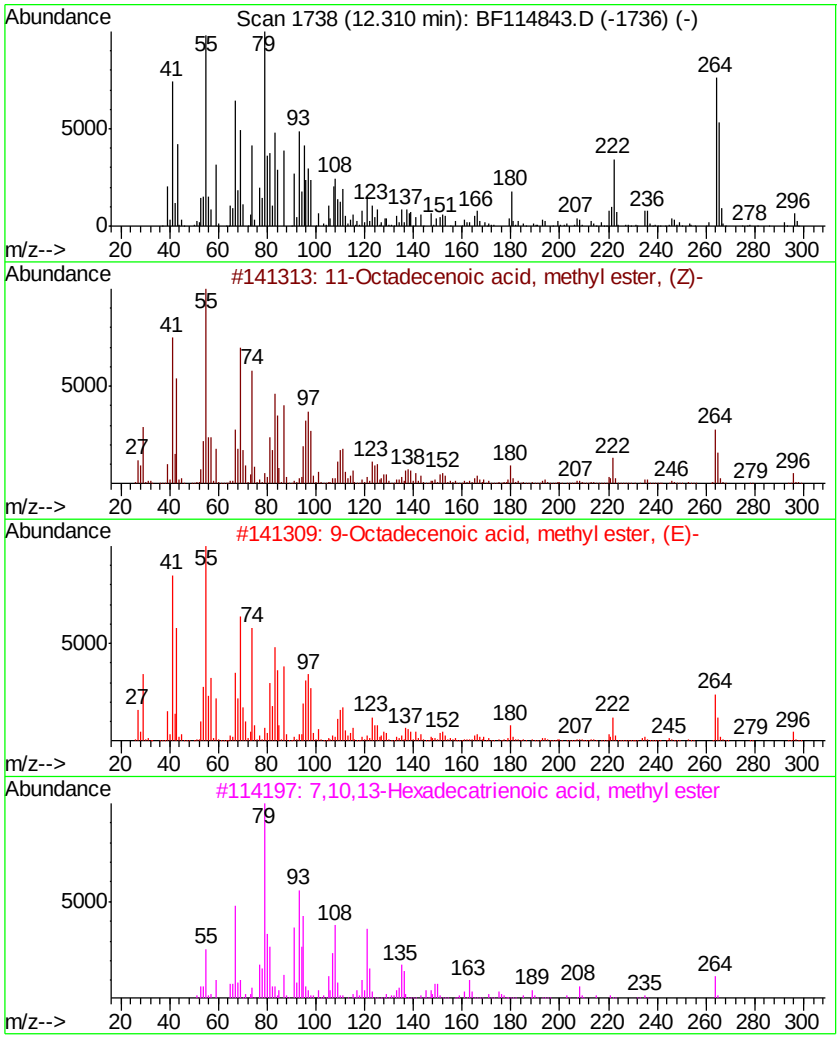
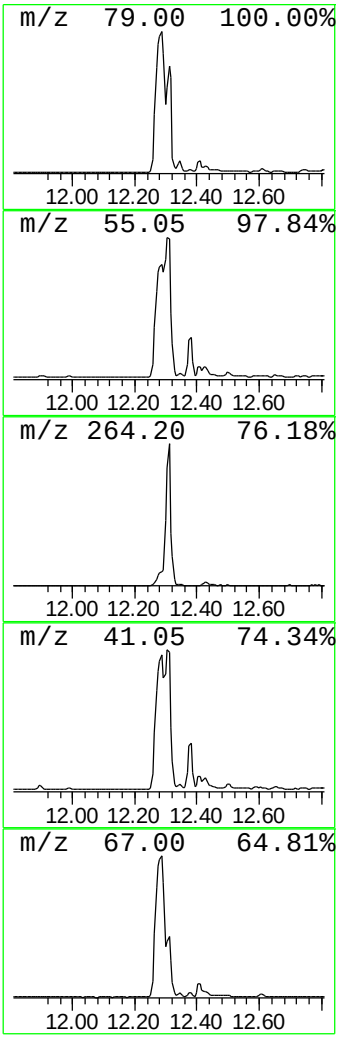
****

Peak Number 13 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	82.11 ng	12311200	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	92
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
3	7,10,13-Hexadecatrienoic acid, m...	264	C17H28O2	056554-30-4	64
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	53
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	44





Library Search Compound Report

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Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

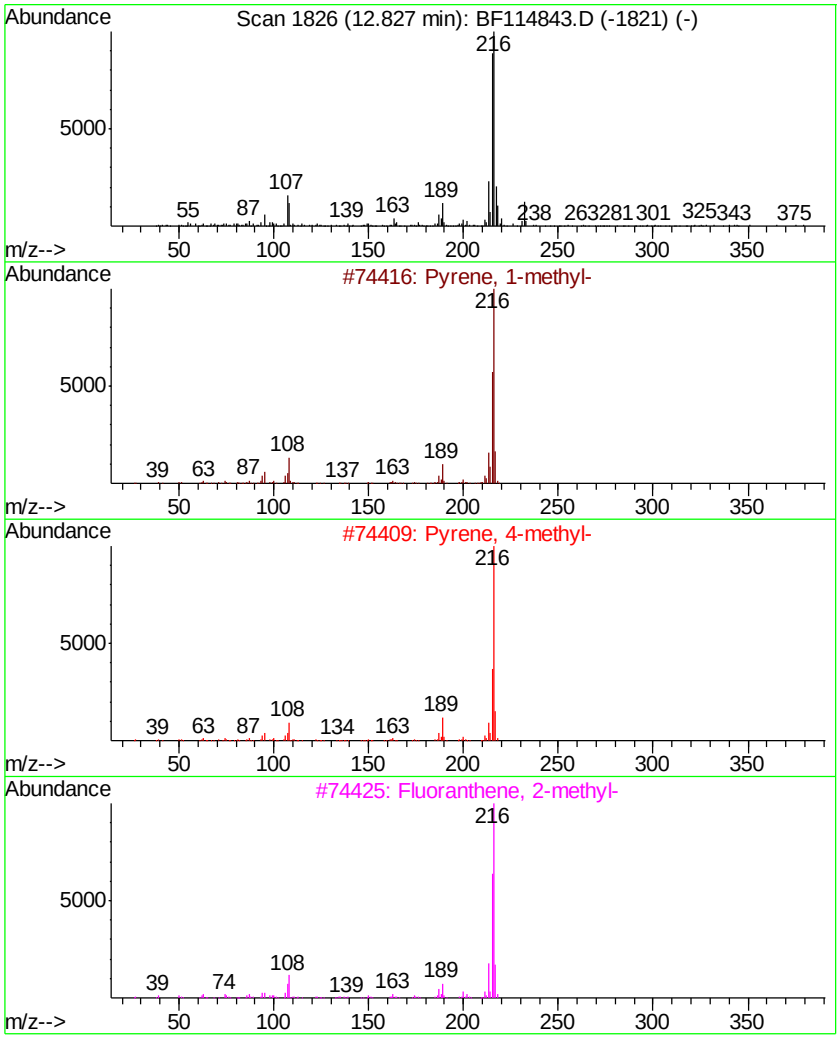
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

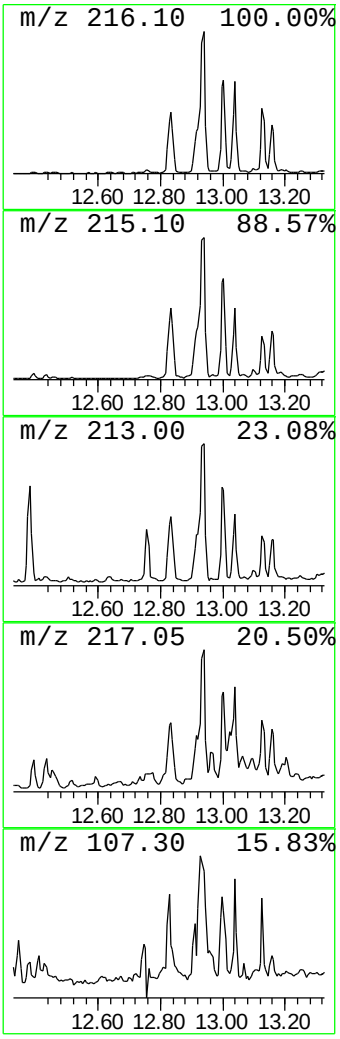
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	3.05 ng	644716	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

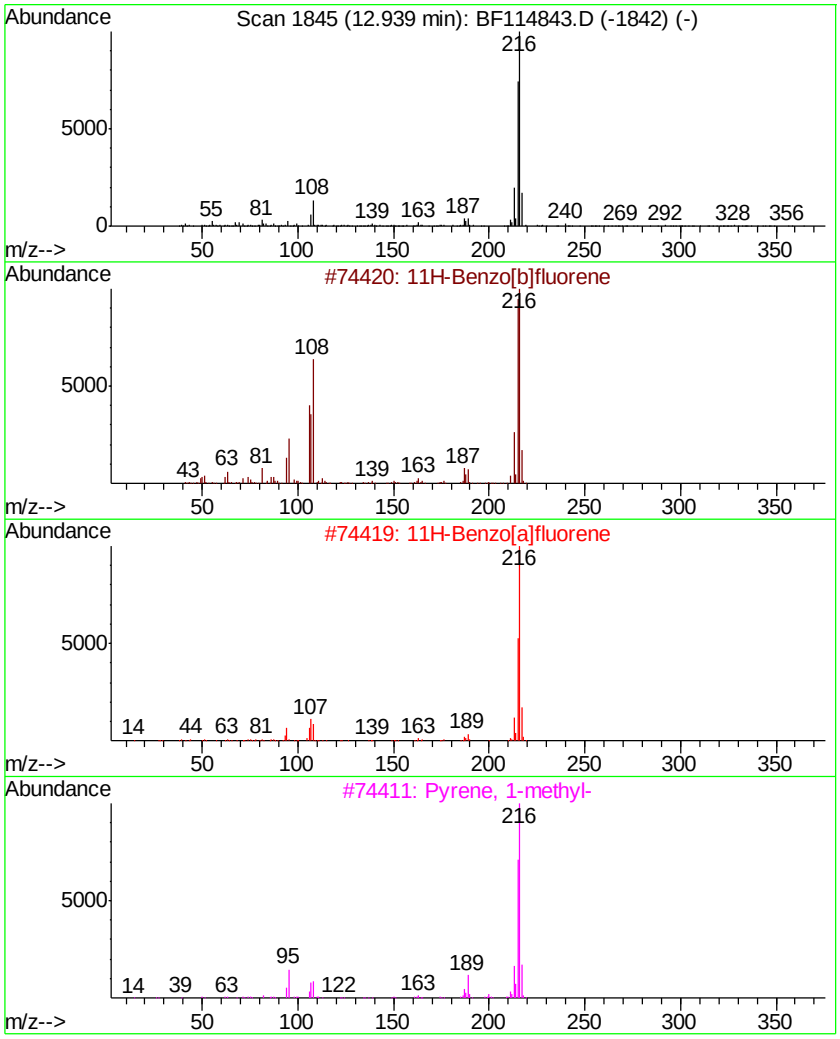
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

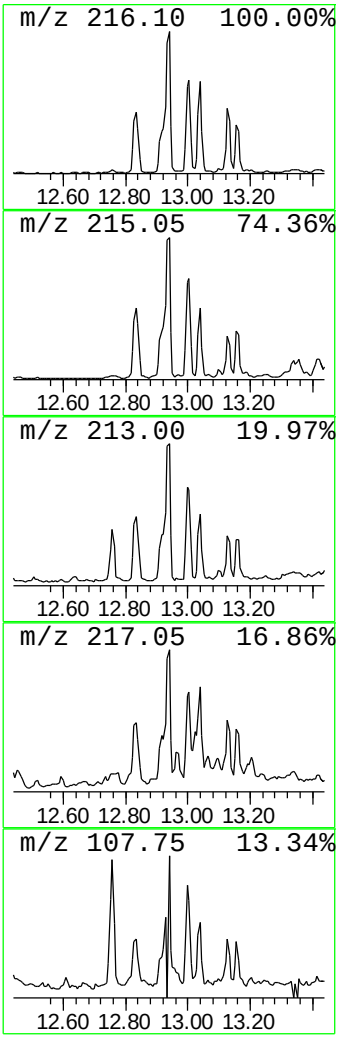
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	2.35 ng	497442	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





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Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

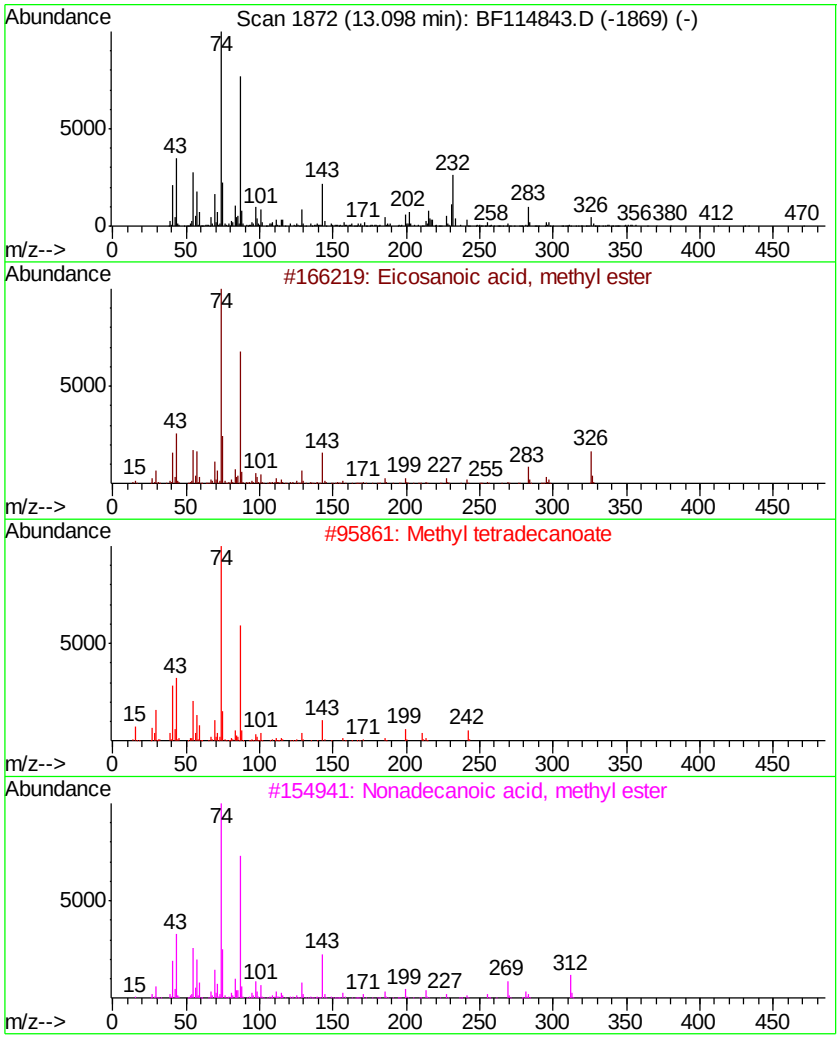
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

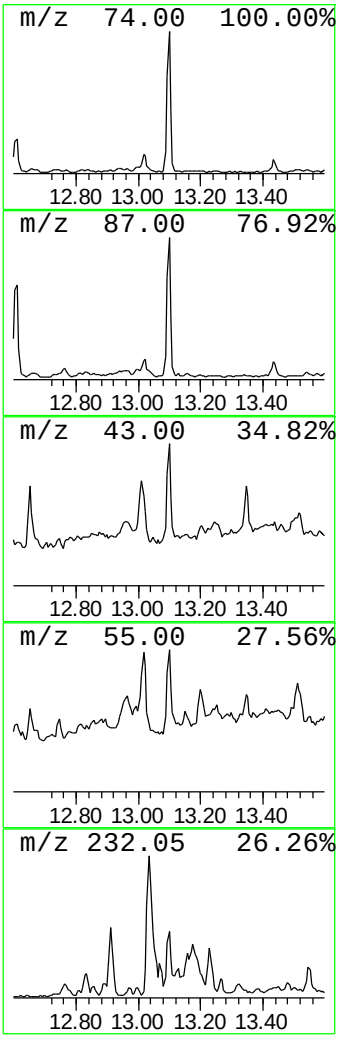
****

Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.21 ng	679337	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	76
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	76
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	76
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	68





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Instrument : BNA_F
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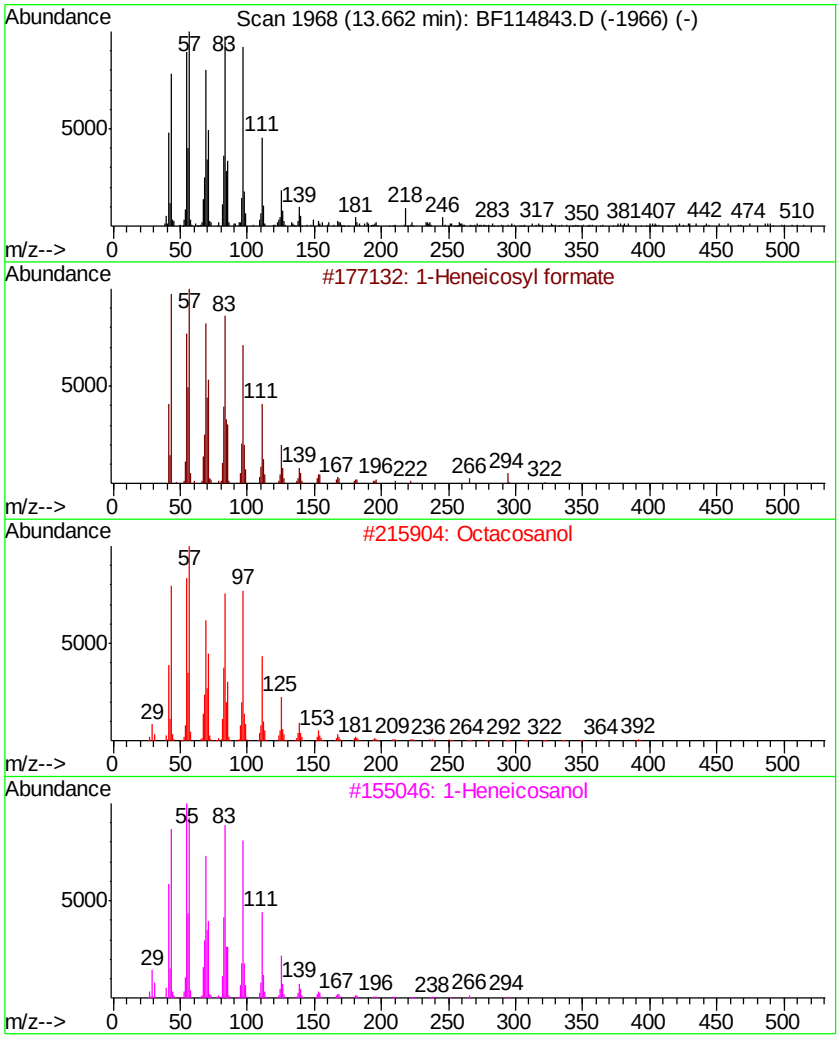
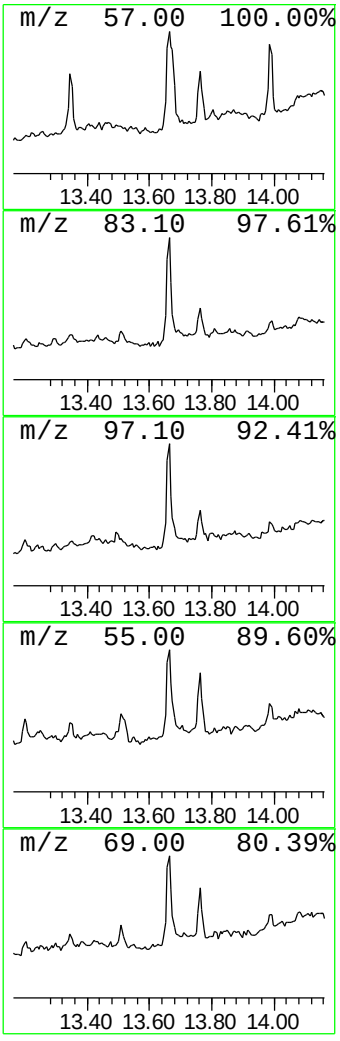
****

Peak Number 18 1-Heneicosyl formate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.15 ng	454489	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2	Octacosanol	410	C28H58O	000557-61-9	90
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





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TIC Library : C:\DATABASE\NIST11.L
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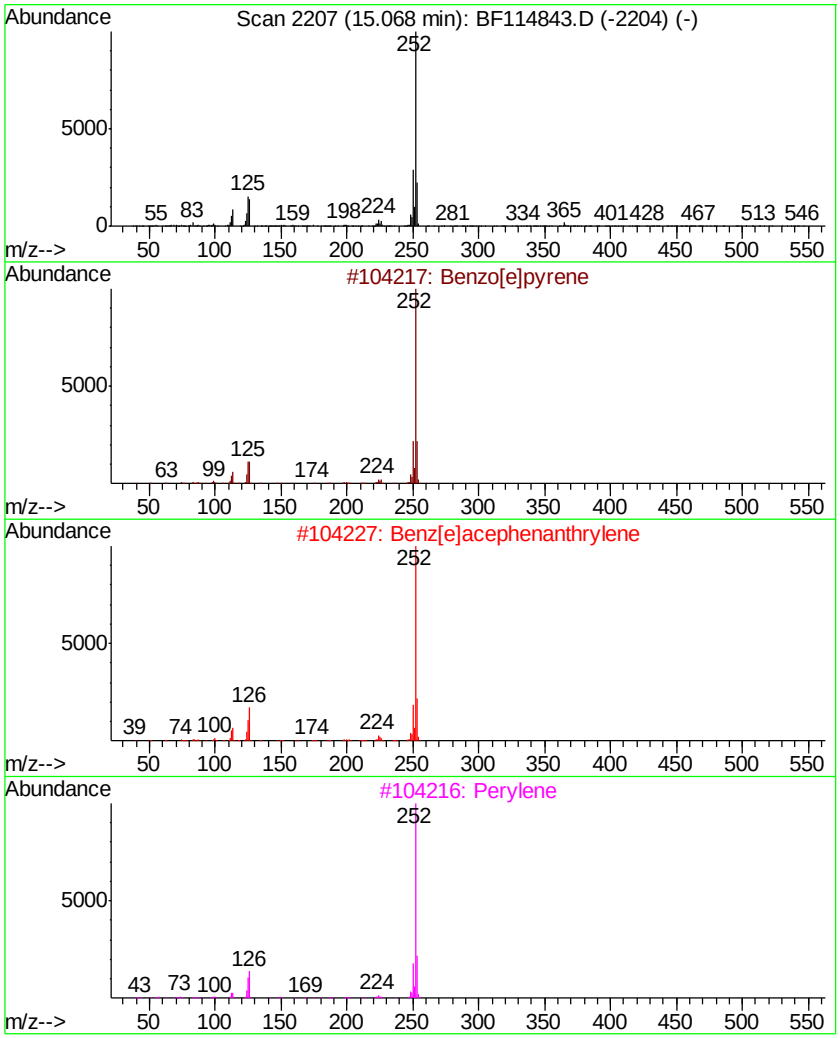
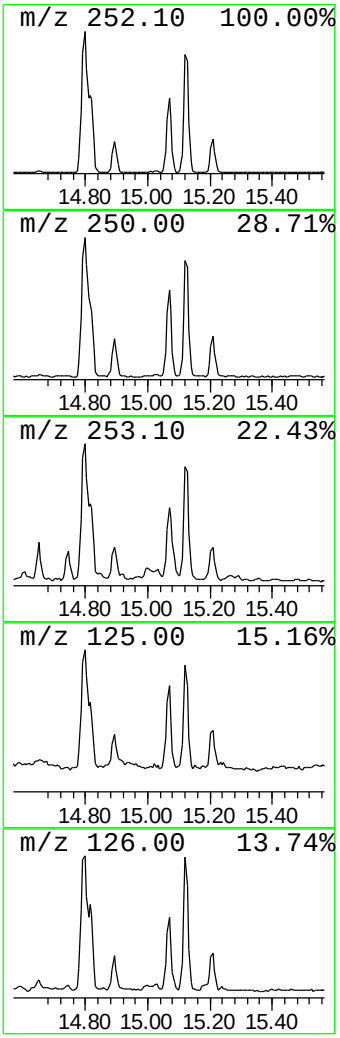
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	11.50 ng	831274	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.43	6.43	20.2	ng	2003380	1	6.67	1982410	20.0
Heptacosane	10.62	3.6	ng	542888	4	11.17	2998730	20.0
Tetradecane	11.06	2.9	ng	441032	4	11.17	2998730	20.0
Hexadecanoic acid...	11.59	60.8	ng	9117970	4	11.17	2998730	20.0
Anthracene, 2-met...	11.67	2.7	ng	403545	4	11.17	2998730	20.0
Phenanthrene, 2-m...	11.70	4.0	ng	592377	4	11.17	2998730	20.0
n-Hexadecanoic acid	11.72	9.5	ng	1419450	4	11.17	2998730	20.0
4H-Cyclopenta[def...	11.78	6.0	ng	893435	4	11.17	2998730	20.0
Pentadecane	11.90	2.3	ng	345687	4	11.17	2998730	20.0
Phenanthrene, 2,5...	12.22	2.2	ng	331238	4	11.17	2998730	20.0
9,12-Octadecadien...	12.29	172.8	ng	25912300	4	11.17	2998730	20.0
11-Octadecenoic a...	12.31	82.1	ng	12311200	4	11.17	2998730	20.0
Pyrene, 1-methyl-	12.83	3.0	ng	644716	5	13.80	4227720	20.0
11H-Benzo[b]fluorene	12.94	2.4	ng	497442	5	13.80	4227720	20.0
Eicosanoic acid, ...	13.10	3.2	ng	679337	5	13.80	4227720	20.0
1-Heneicosyl formate	13.66	2.1	ng	454489	5	13.80	4227720	20.0
Benzo[e]pyrene	15.07	11.5	ng	831274	6	15.18	1445210	20.0