LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117841.D
Acq On : 18 Nov 2019 17:57
Operator : JU
Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

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-BF111319.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	2.210	15	21	30	rVB	747709	1015457	18.39%	1.718%
2	5.134	508	518	527	rBV	804683	973099	17.63%	1.646%
3	5.534	581	586	589	rBV	4518974	4184395	75.80%	7.079%
4	6.539	752	757	765	rBV	4508418	4574886	82.87%	7.740%
5	6.686	778	782	785	rBV	5127636	4654617	84.32%	7.875%
6	6.922	818	822	825	rBV	1536980	1330332	24.10%	2.251%
7	7.075	844	848	852	rBV	4259900	3753200	67.99%	6.350%
8	7.481	912	917	920	rBV	3404421	2910389	52.72%	4.924%
9	8.204	1035	1040	1044	rBV	1946798	1698830	30.77%	2.874%
10	9.286	1219	1224	1227	rBV	6563195	5520355	100.00%	9.339%
11	9.675	1287	1290	1295	rBV	1017150	816089	14.78%	1.381%
12	9.969	1336	1340	1343	rBV	2335731	1875961	33.98%	3.174%
13	10.757	1470	1474	1481	rBV	3712859	3306215	59.89%	5.594%
14	10.886	1491	1496	1502	rVB3	71596	97518	1.77%	0.165%
15	11.321	1564	1570	1573	rBV2	90282	107700	1.95%	0.182%
16	11.357	1573	1576	1578	rVB	84233	65878	1.19%	0.111%
17	11.463	1590	1594	1596	rBV	1968702	1884023	34.13%	3.187%
18	11.486	1596	1598	1601	rVV	1099924	874945	15.85%	1.480%
19	11.533	1601	1606	1609	rVB	152584	164299	2.98%	0.278%
20	11.792	1647	1650	1653	rBV	104406	77569	1.41%	0.131%
21	11.963	1675	1679	1680	rBV	399150	320831	5.81%	0.543%
22	11.986	1680	1683	1687	rVB2	763266	874207	15.84%	1.479%
23	12.074	1695	1698	1700	rBV2	367313	386254	7.00%	0.653%
24	12.098	1700	1702	1708	rVB	306731	241041	4.37%	0.408%
25	12.163	1708	1713	1716	rBV5	65909	92659	1.68%	0.157%
26	12.257	1726	1729	1731	rBV	147688	129602	2.35%	0.219%
27	12.280	1731	1733	1740	rVB2	180178	163983	2.97%	0.277%
28	12.410	1753	1755	1758	rVB	114276	82665	1.50%	0.140%
29	12.516	1770	1773	1776	rBV	241428	249258	4.52%	0.422%
30	12.551	1776	1779	1781	rVV2	164361	180978	3.28%	0.306%
31	12.598	1784	1787	1792	rVB2	165561	176384	3.20%	0.298%
32	12.674	1797	1800	1805	rVV	1008144	884210	16.02%	1.496%
33	12.768	1814	1816	1819	rBV	146973	125231	2.27%	0.212%
34	12.804	1819	1822	1824	rVB2	76559	68574	1.24%	0.116%

LSC Area Percent Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.910	1834	1840	1845	rBV	1197836	1318873	23.89%	2.231%
36	12.963	1845	1849	1852	rVB2	72233	106996	1.94%	0.181%
37	13.051	1860	1864	1867	rBV	5058590	4370693	79.17%	7.394%
38	13.121	1873	1876	1880	rBV2	143780	200521	3.63%	0.339%
39	13.215	1888	1892	1893	rBV3	118781	146199	2.65%	0.247%
40	13.233	1893	1895	1898	rVB	185953	173160	3.14%	0.293%
41	13.280	1898	1903	1905	rBV3	65730	100124	1.81%	0.169%
42	13.304	1905	1907	1909	rVB	83532	65574	1.19%	0.111%
43	13.339	1909	1913	1916	rBV2	222034	207655	3.76%	0.351%
44	13.433	1926	1929	1932	rBV	164777	137701	2.49%	0.233%
45	13.463	1932	1934	1937	rVB	169756	141021	2.55%	0.239%
46	13.627	1957	1962	1966	rBV6	61325	111890	2.03%	0.189%
47	13.739	1978	1981	1986	rVB	161516	175848	3.19%	0.298%
48	13.857	1996	2001	2004	rBV2	118239	197502	3.58%	0.334%
49	13.886	2004	2006	2008	rBV	115586	98086	1.78%	0.166%
50	13.951	2014	2017	2026	rBV3	448123	652443	11.82%	1.104%
51	14.110	2038	2044	2046	rBV2	1512384	1903203	34.48%	3.220%
52	14.133	2046	2048	2056	rVB	625675	543724	9.85%	0.920%
53	14.268	2069	2071	2078	rVB5	111918	146603	2.66%	0.248%
54	14.457	2101	2103	2105	rBV	66292	62563	1.13%	0.106%
55	14.498	2107	2110	2113	rVV	188231	196377	3.56%	0.332%
56	14.527	2113	2115	2118	rVB	143229	121191	2.20%	0.205%
57	14.574	2119	2123	2128	rBV4	132607	224806	4.07%	0.380%
58	14.892	2175	2177	2181	rVB2	116936	118813	2.15%	0.201%
59	14.974	2188	2191	2194	rBV2	81649	105205	1.91%	0.178%
60	15.168	2220	2224	2227	rBV2	373022	558228	10.11%	0.944%
61	15.251	2235	2238	2240	rBV	89567	86347	1.56%	0.146%
62	15.280	2241	2243	2248	rVB	65454	63118	1.14%	0.107%
63	15.486	2274	2278	2284	rVB	283409	364712	6.61%	0.617%
64	15.551	2285	2289	2294	rVB	319154	391487	7.09%	0.662%
65	15.615	2295	2300	2304	rBV	1172531	1631504	29.55%	2.760%
66	16.109	2381	2384	2390	rBV2	67328	100850	1.83%	0.171%
67	17.139	2555	2559	2567	rVB2	116500	228329	4.14%	0.386%
68	17.603	2633	2638	2644	rVB2	97659	195062	3.53%	0.330%

Sum of corrected areas: 59108042

LSC Report - Integrated Chromatogram

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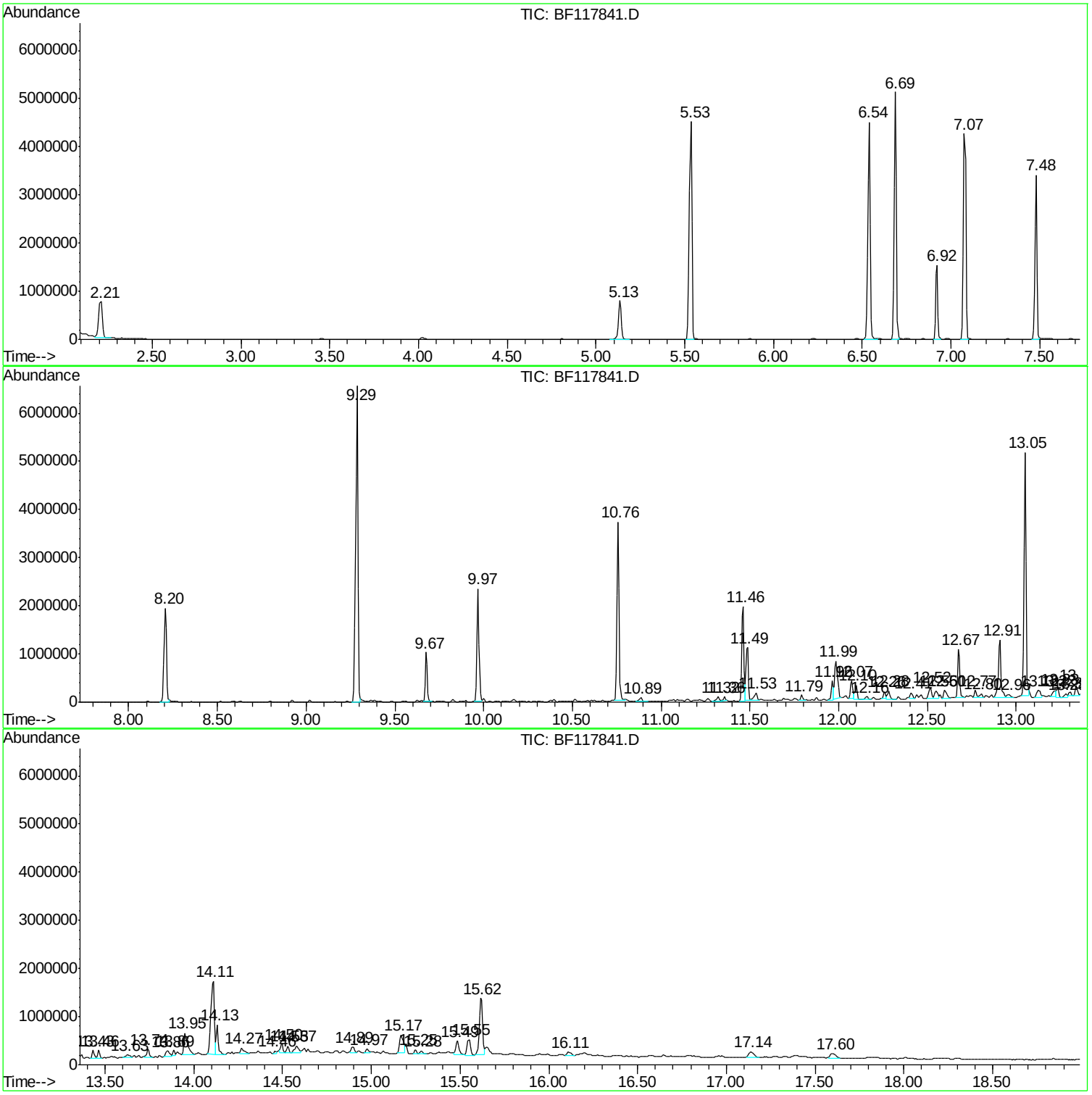
Data File : BF117841.D
Acq On : 18 Nov 2019 17:57
Operator : JU
Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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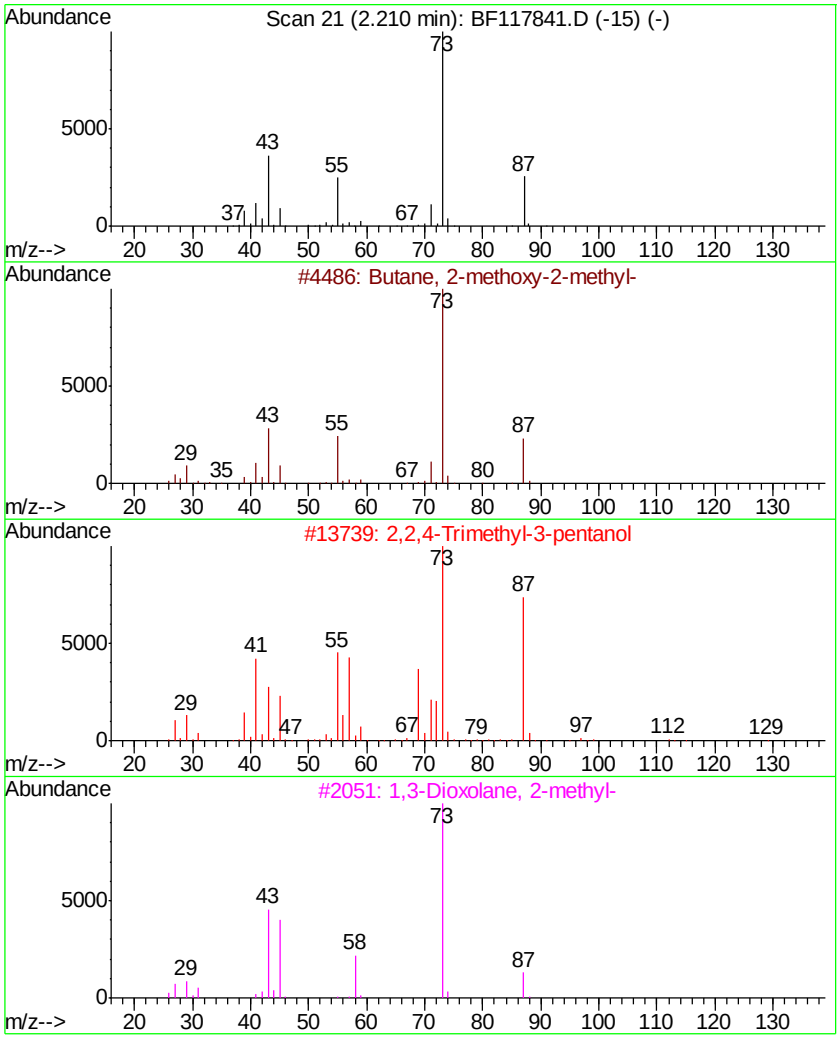
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

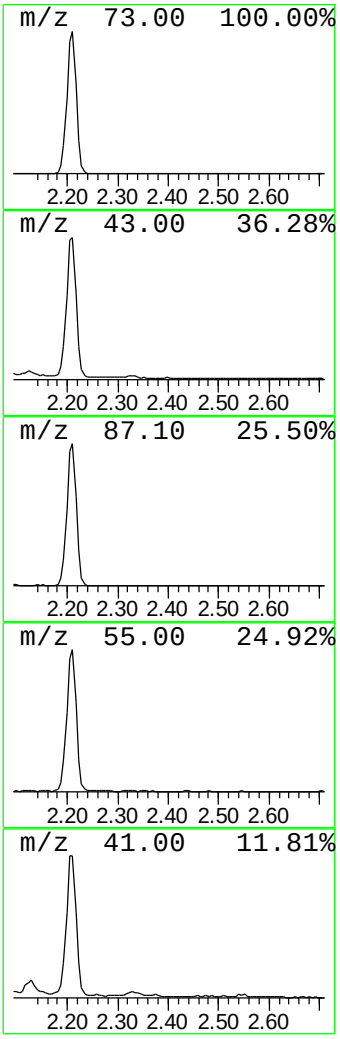
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	15.27 ng	1015460	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117841.D
Acq On : 18 Nov 2019 17:57
Operator : JU
Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

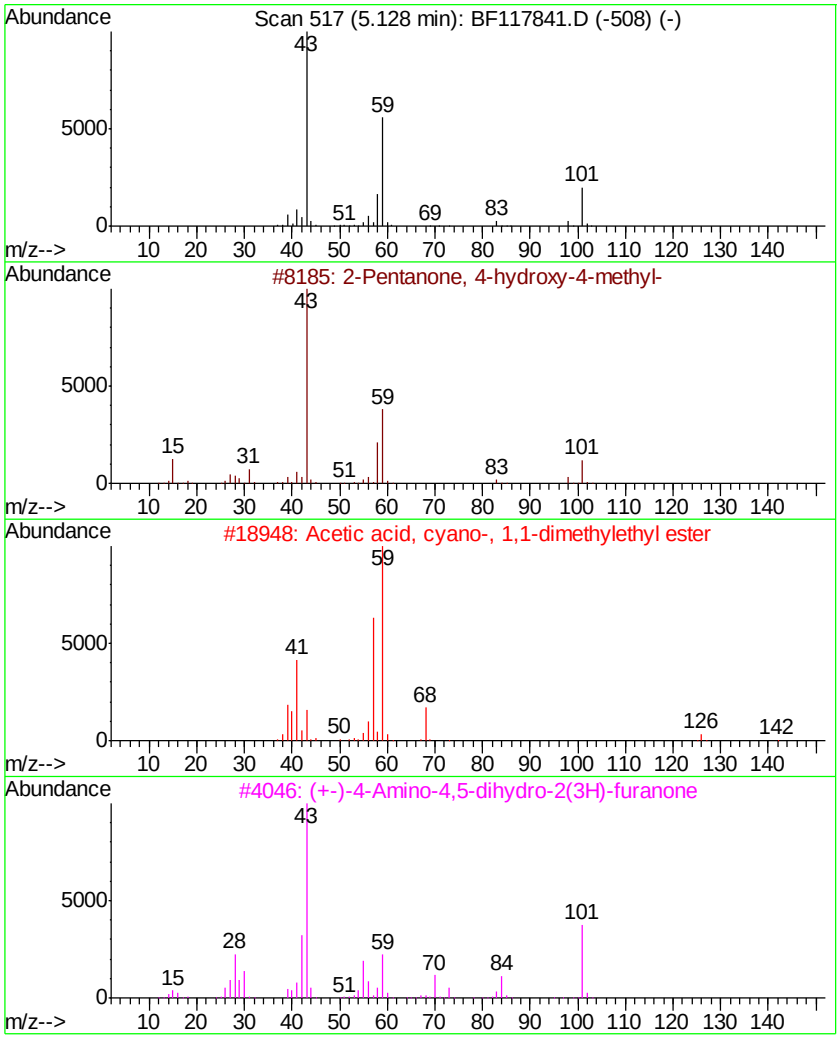
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

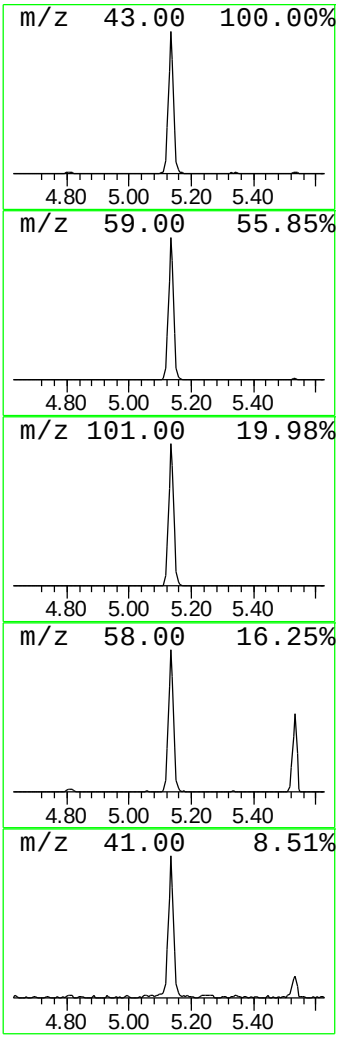
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	14.63 ng	973099	1,4-Dichlorobenzene-d4	6.92

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	23
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
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Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

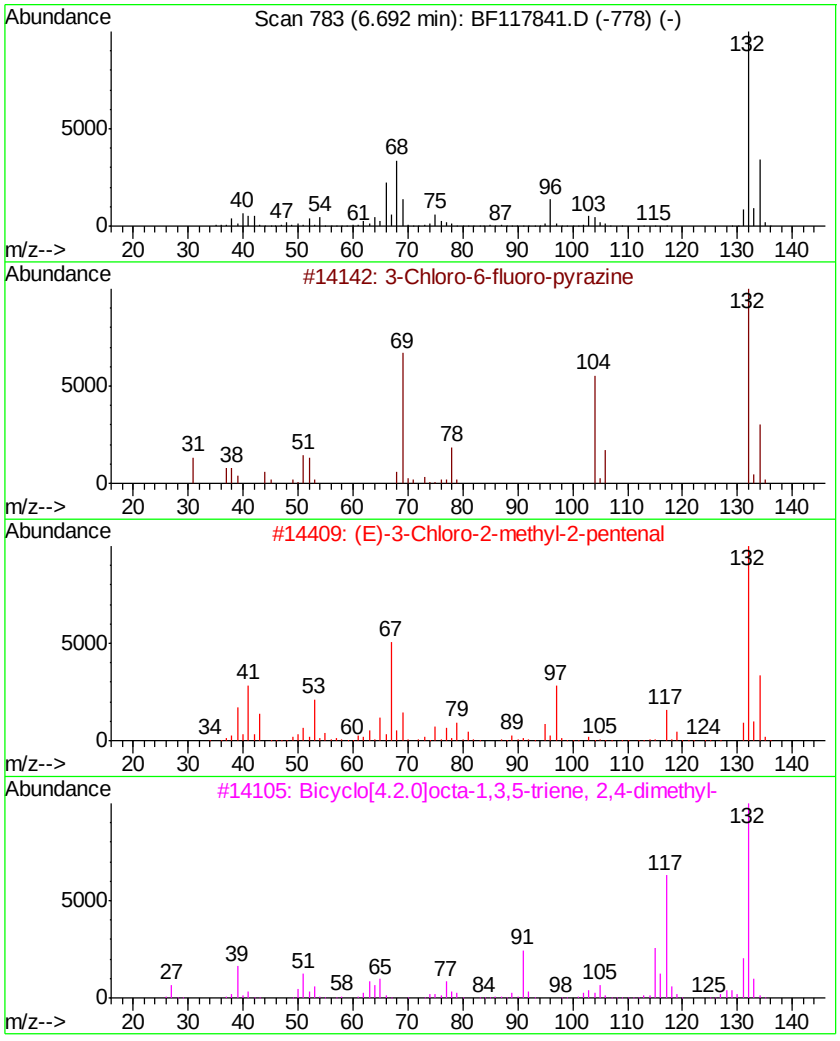
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

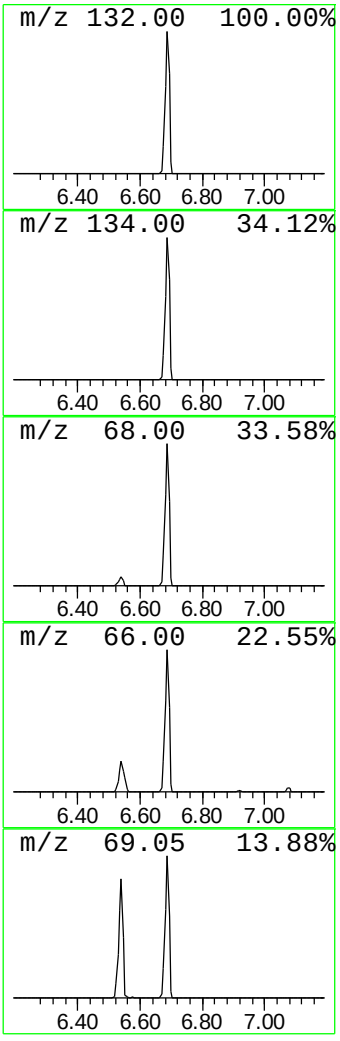
****

Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	69.98 ng	4654620	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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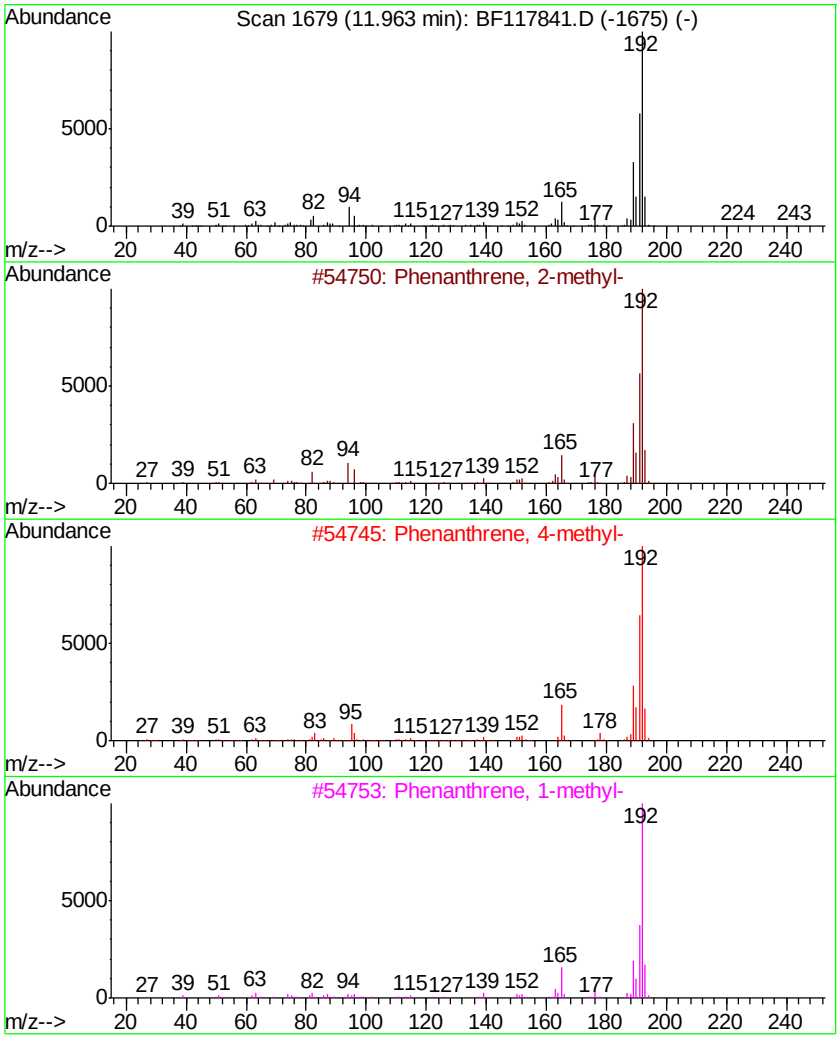
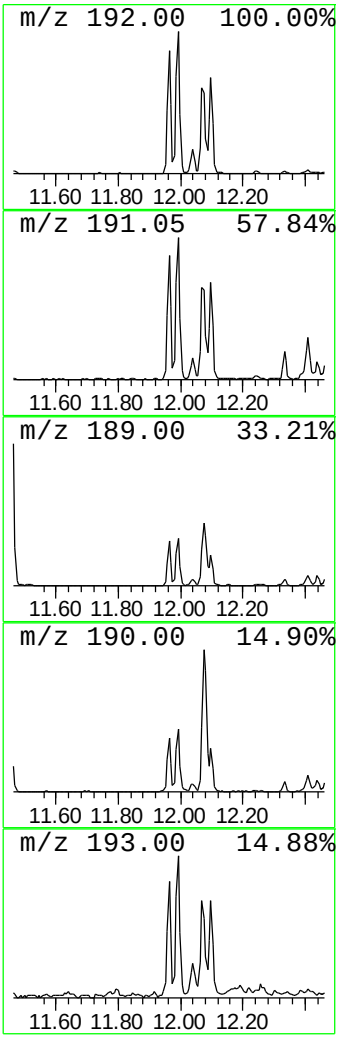
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.41 ng	320831	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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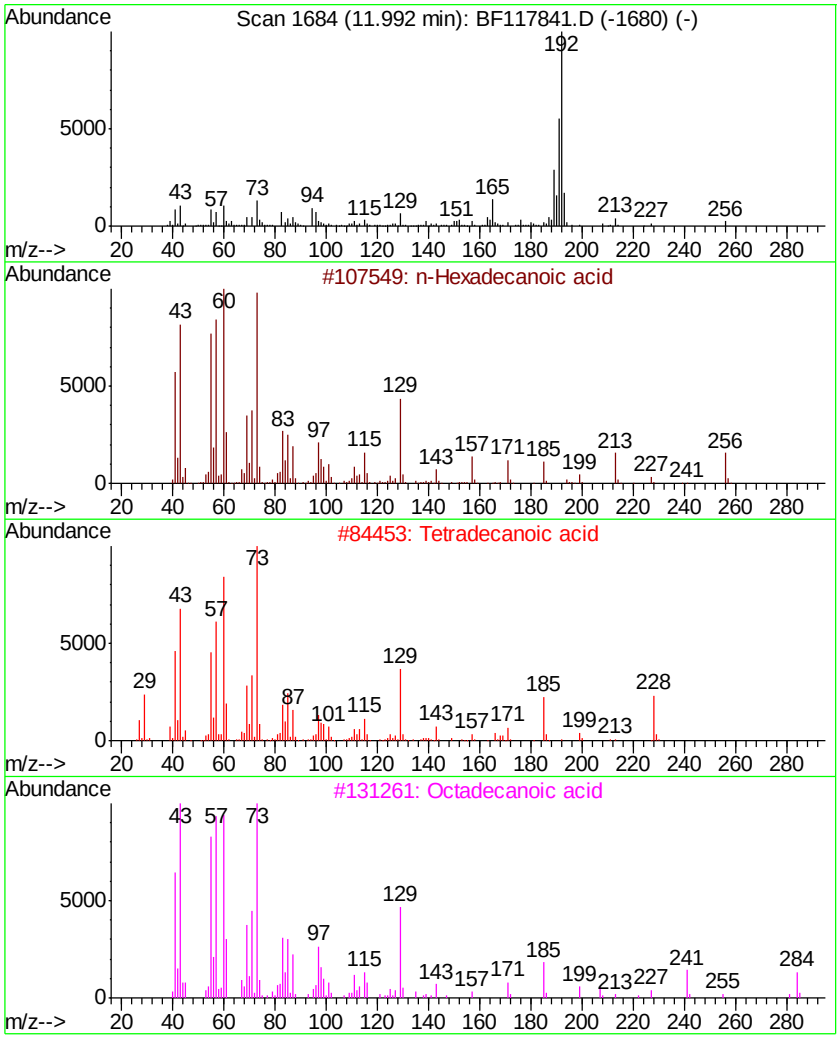
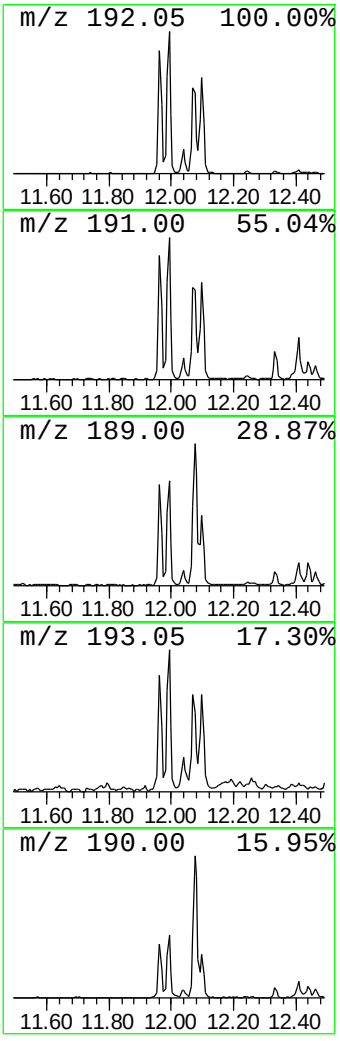
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	9.28 ng	874207	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	86
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

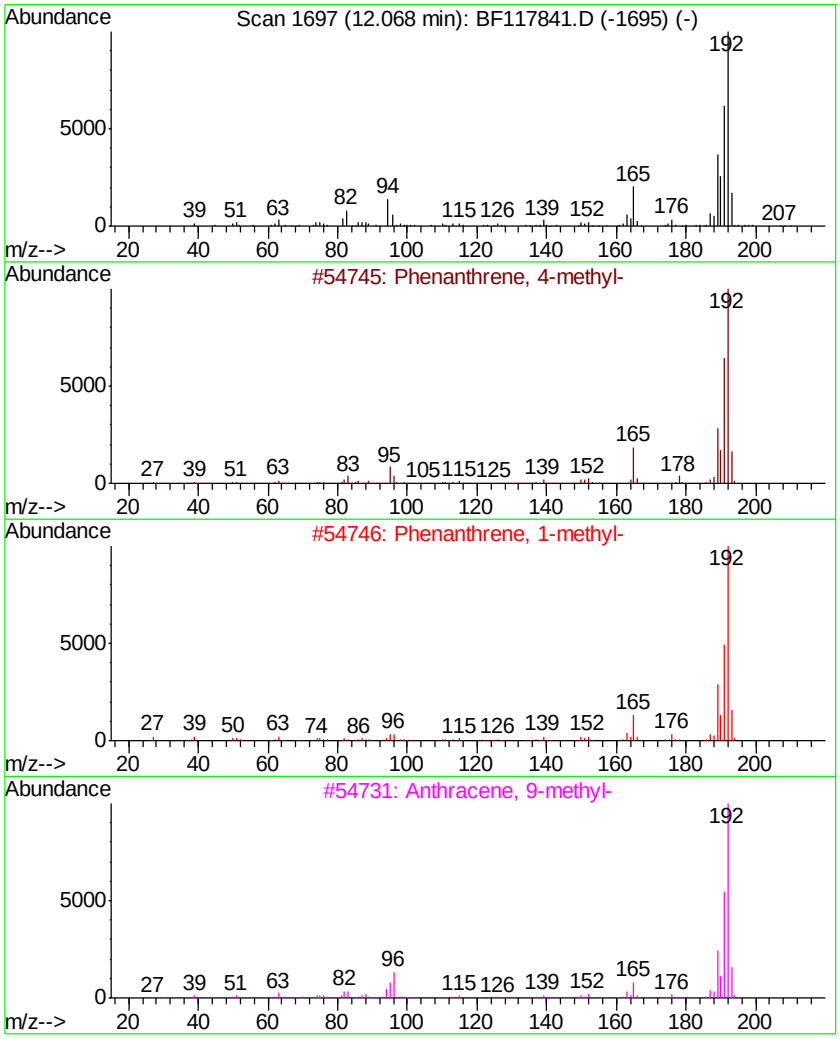
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

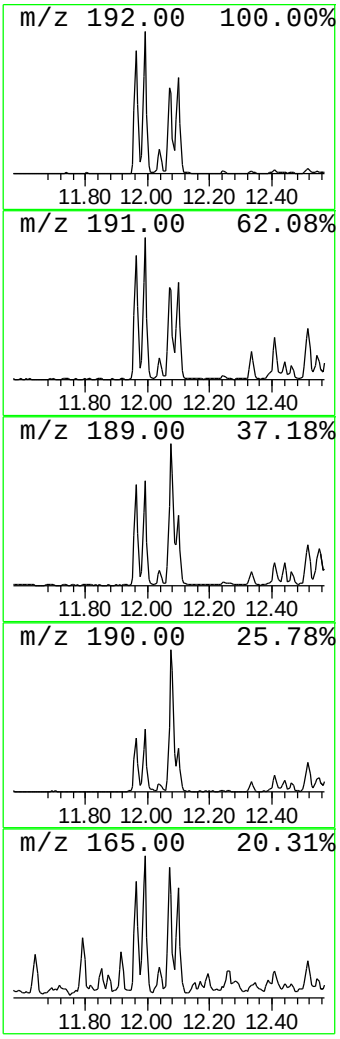
****

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.10 ng	386254	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117841.D
Acq On : 18 Nov 2019 17:57
Operator : JU
Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

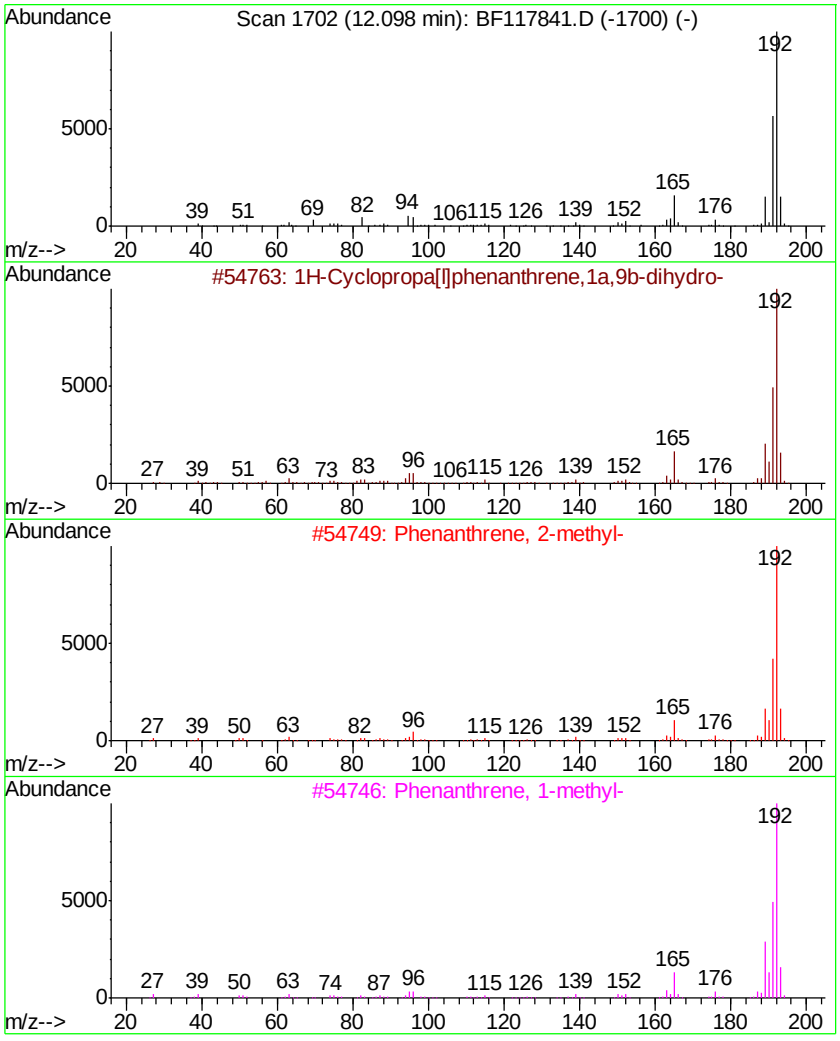
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

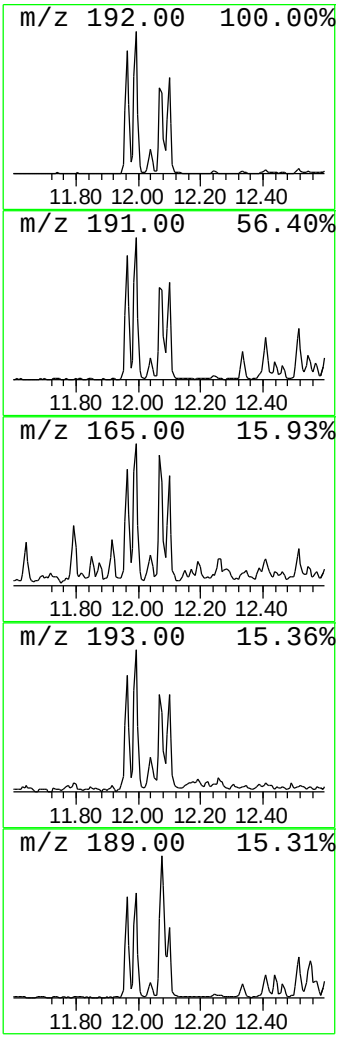
****

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.56 ng	241041	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117841.D
Acq On : 18 Nov 2019 17:57
Operator : JU
Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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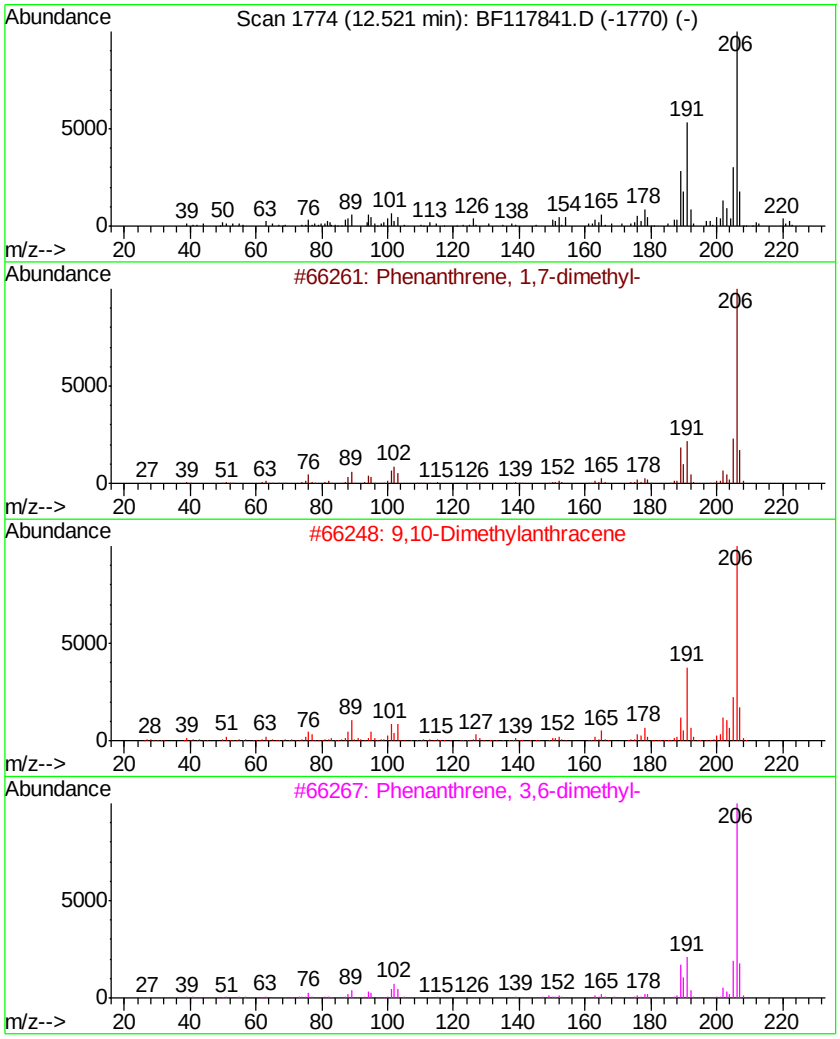
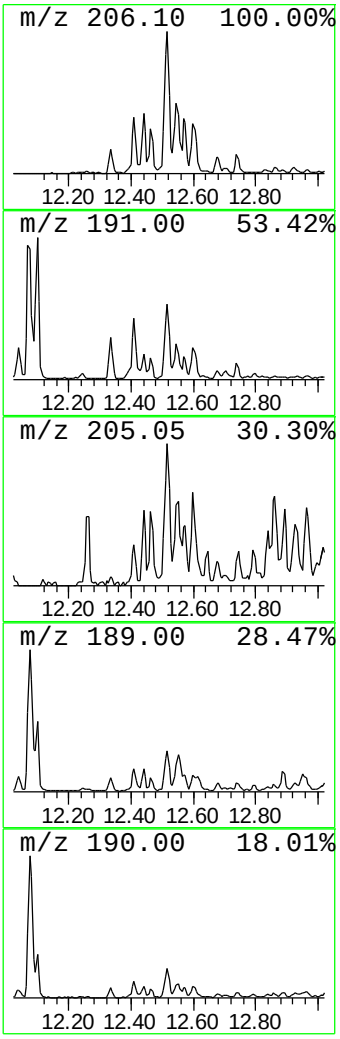
Peak Number 9 Phenanthrene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.65 ng	249258	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Operator : JU
Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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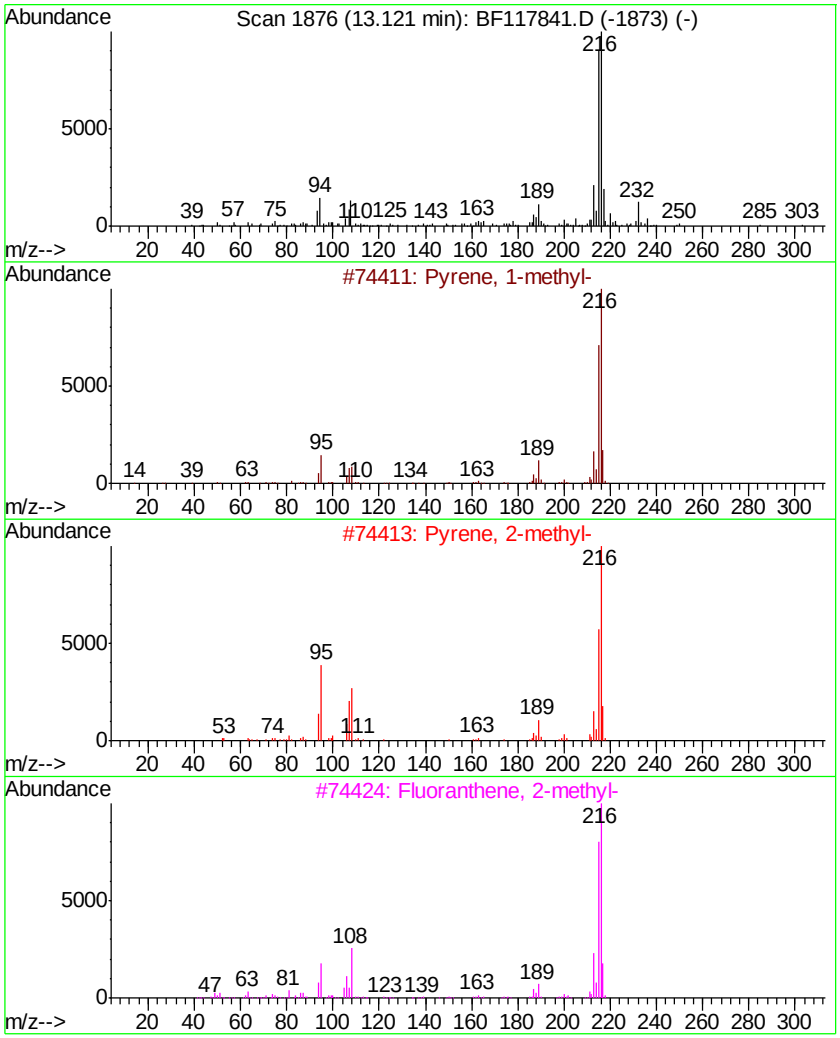
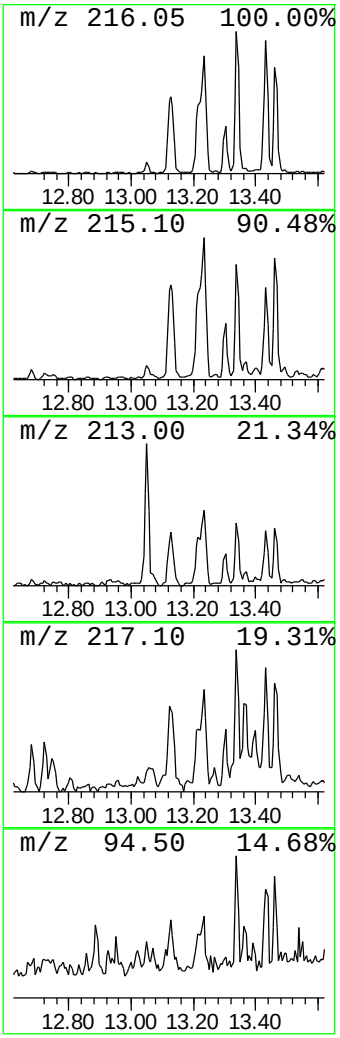
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.11 ng	200521	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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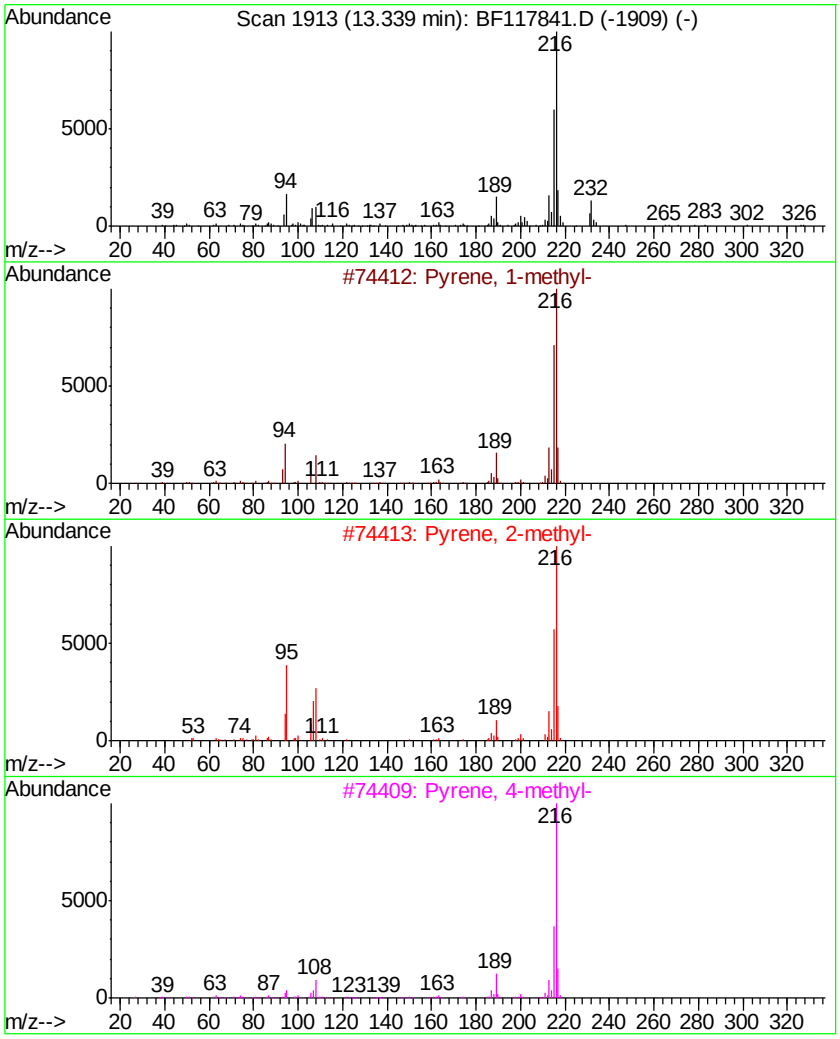
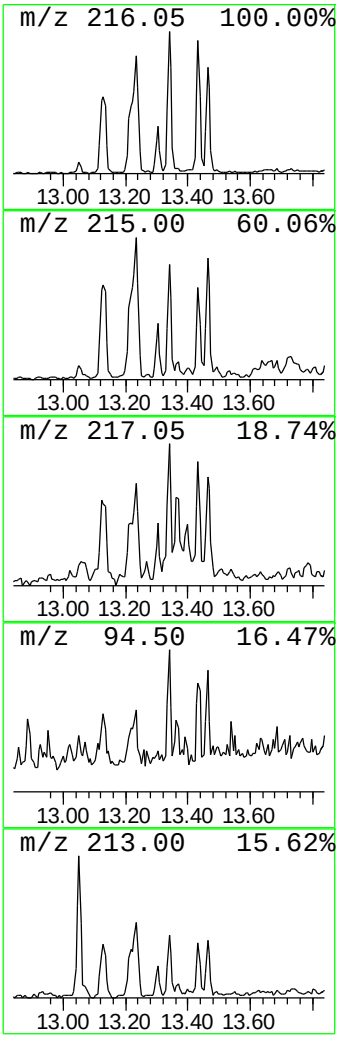
Peak Number 11 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.18 ng	207655	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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Acq On : 18 Nov 2019 17:57
Operator : JU
Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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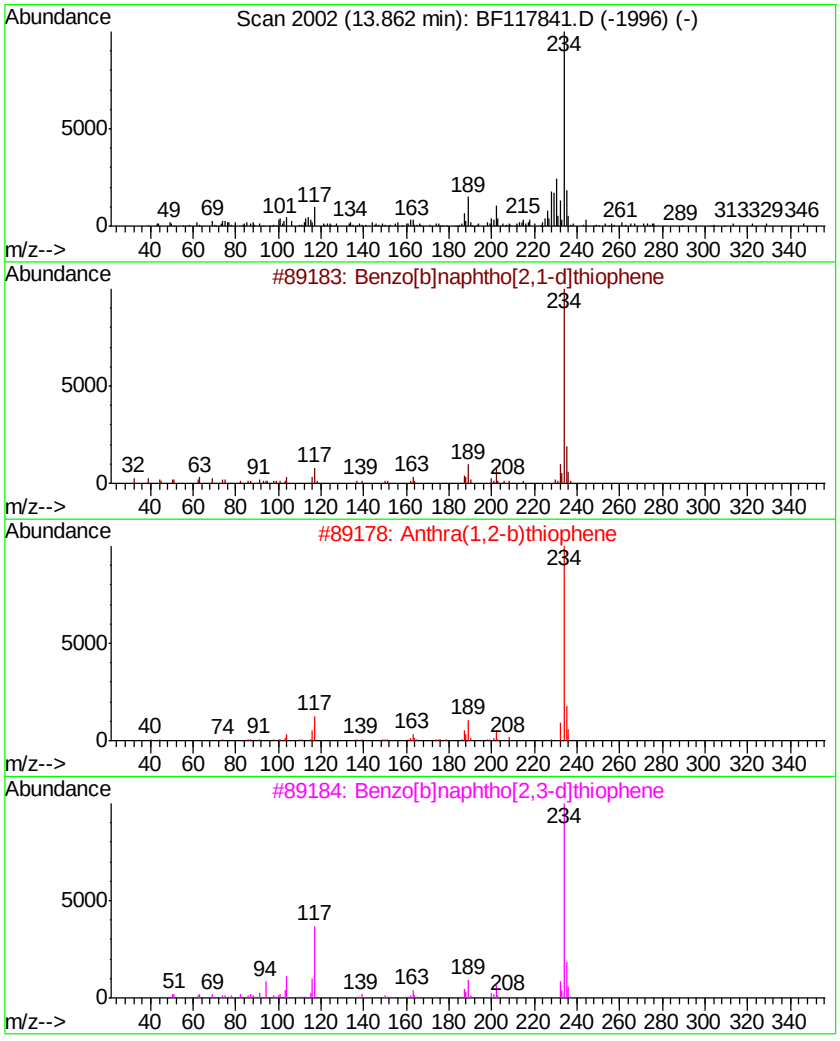
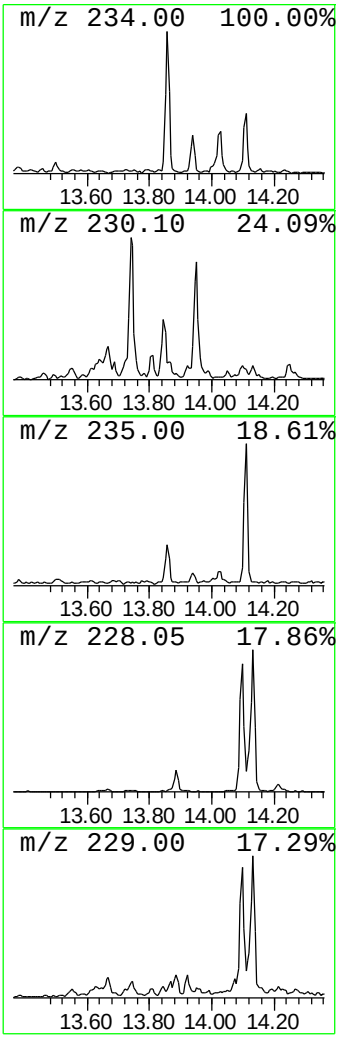
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.08 ng	197502	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	91
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	59





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Data File : BF117841.D
Acq On : 18 Nov 2019 17:57
Operator : JU
Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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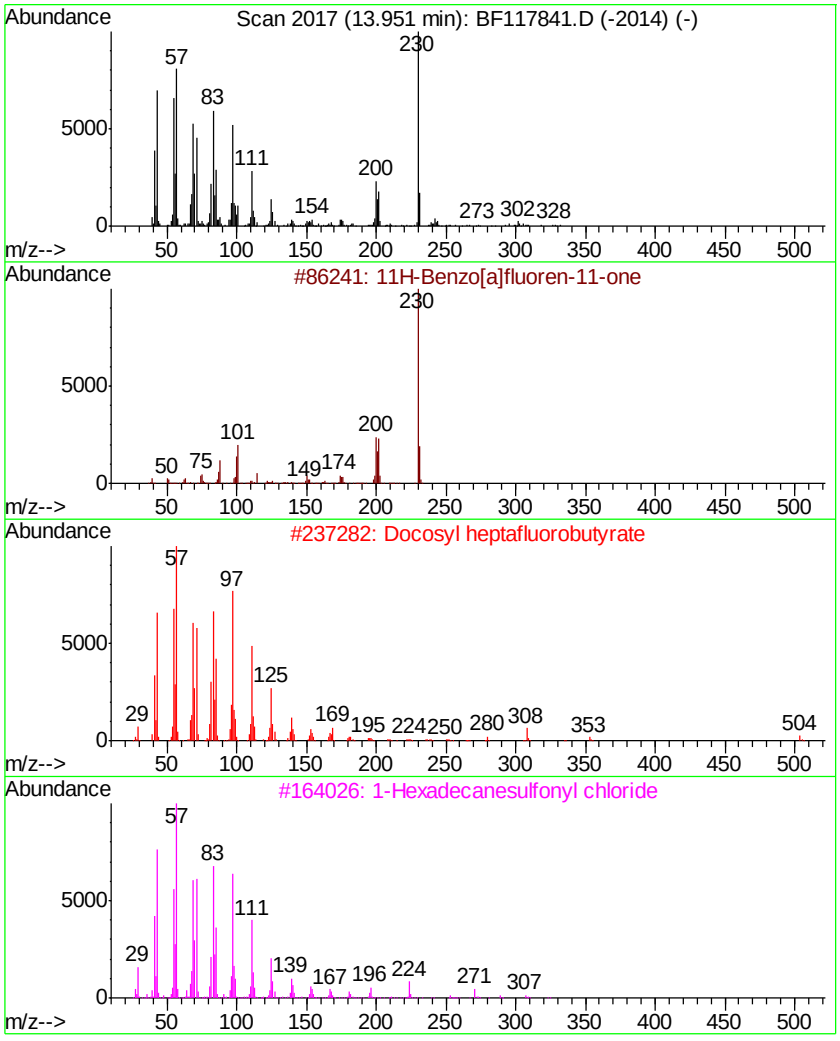
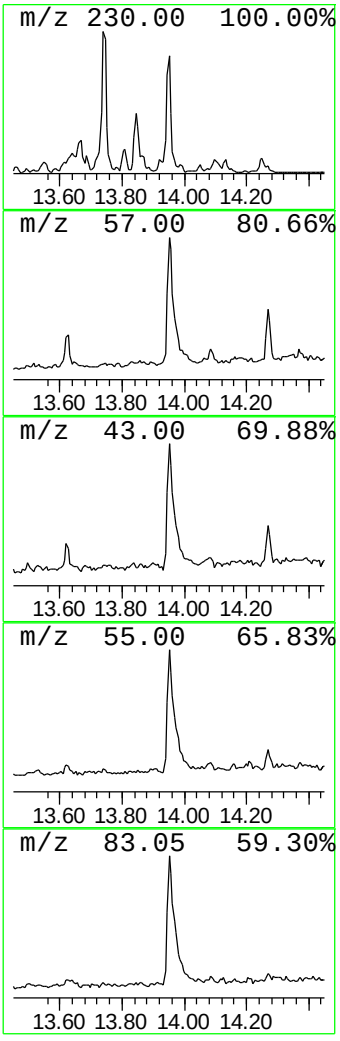
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.86 ng	652443	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	89
2	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	55
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	55
4	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	55
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117841.D
Acq On : 18 Nov 2019 17:57
Operator : JU
Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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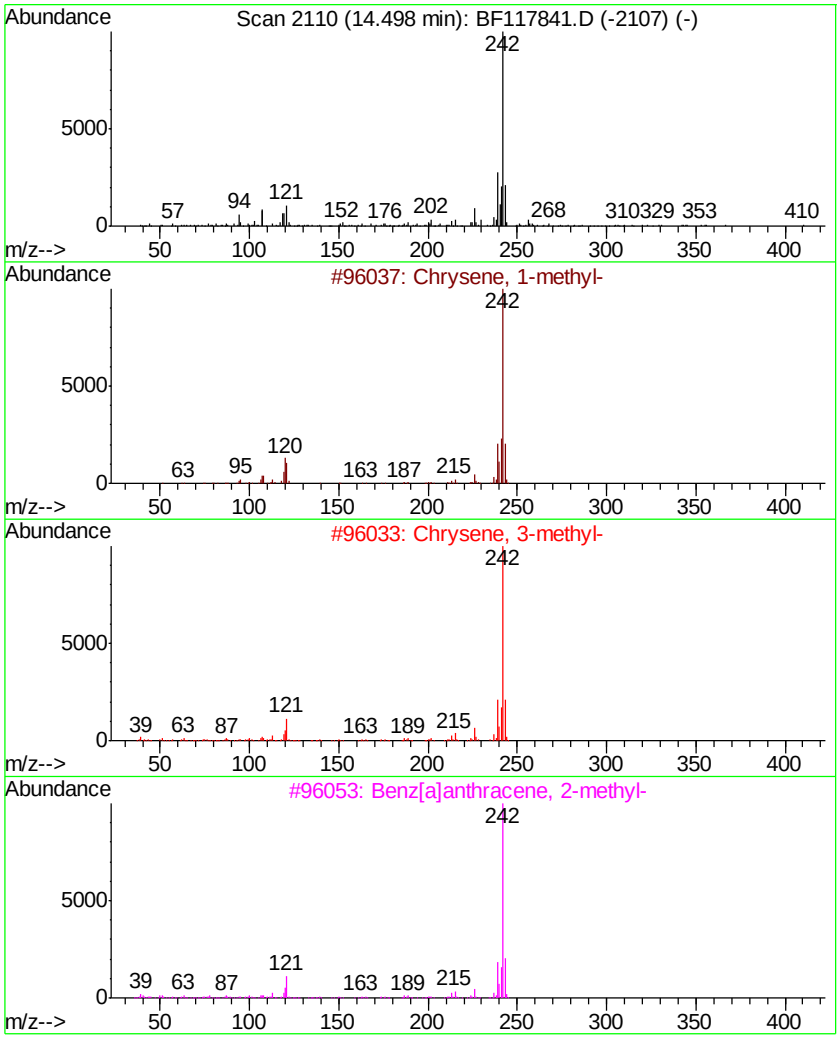
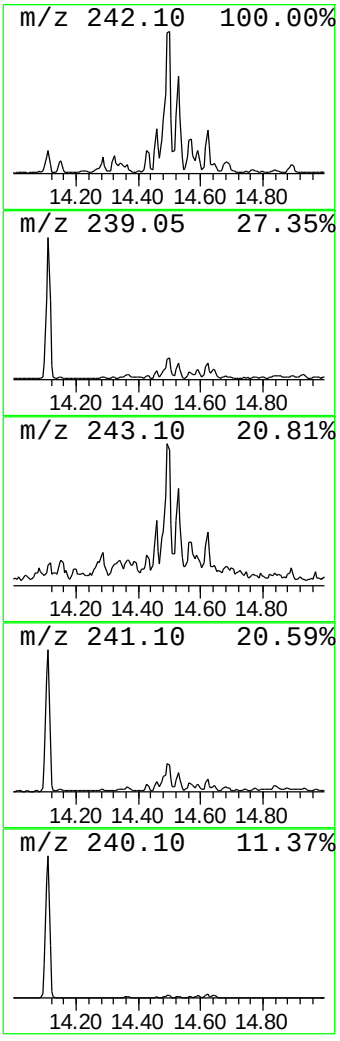
Peak Number 14 Chrysene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.06 ng	196377	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
2	Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90





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Data File : BF117841.D
Acq On : 18 Nov 2019 17:57
Operator : JU
Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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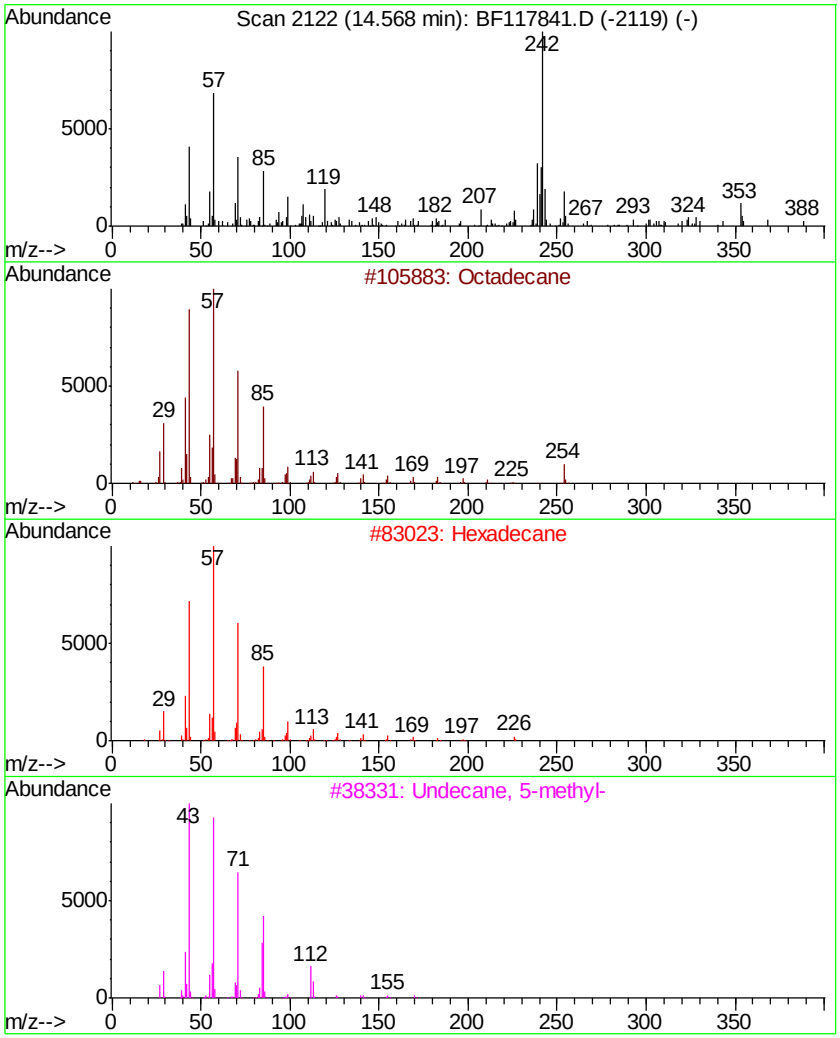
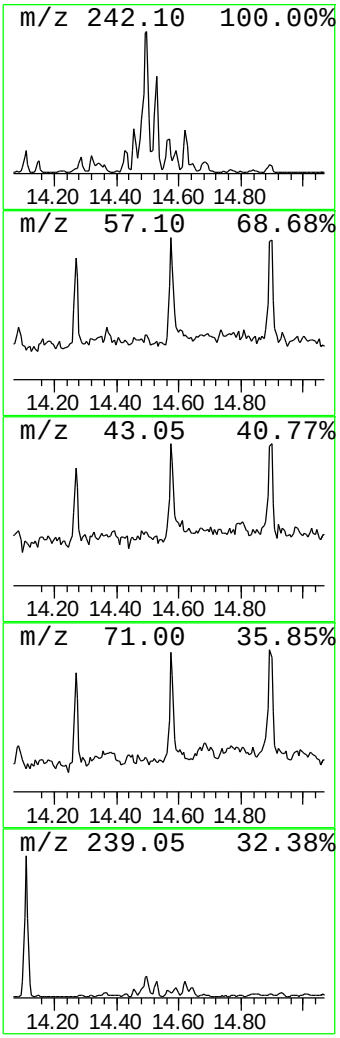
Peak Number 15 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.36 ng	224806	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	52
2	Hexadecane	226	C16H34	000544-76-3	50
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	45
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	45
5	Octacosane	394	C28H58	000630-02-4	45





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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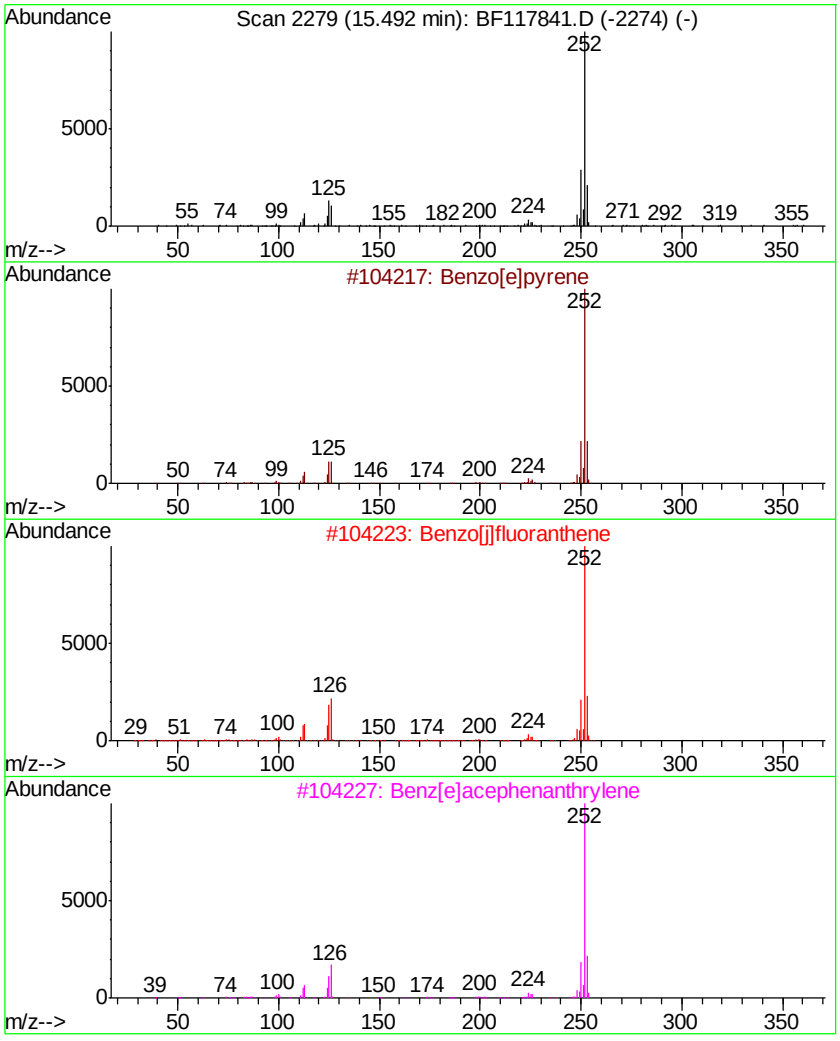
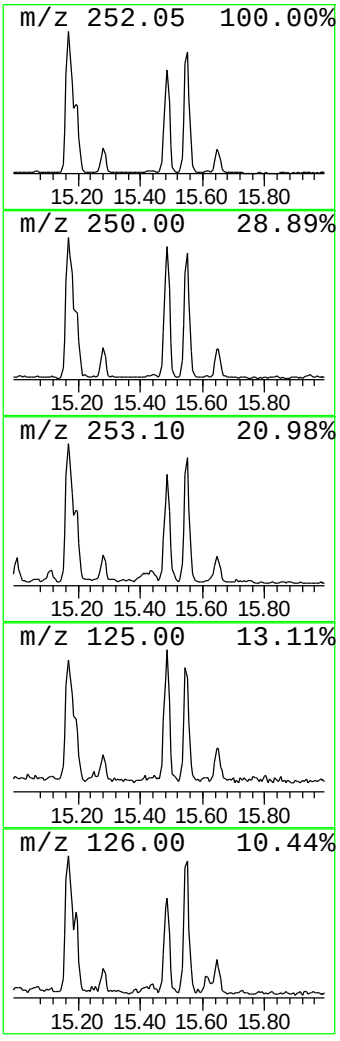
Peak Number 16 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	4.47 ng	364712	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111819\
Data File : BF117841.D
Acq On : 18 Nov 2019 17:57
Operator : JU
Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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
Butane, 2-methoxy...	2.21	15.3	ng	1015460	1	6.92	1330330	20.0
2-Pentanone, 4-hy...	5.13	14.6	ng	973099	1	6.92	1330330	20.0
unknown6.69	6.69	70.0	ng	4654620	1	6.92	1330330	20.0
Phenanthrene, 2-m...	11.96	3.4	ng	320831	4	11.46	1884020	20.0
n-Hexadecanoic acid	11.99	9.3	ng	874207	4	11.46	1884020	20.0
Phenanthrene, 4-m...	12.07	4.1	ng	386254	4	11.46	1884020	20.0
1H-Cyclopropa[l]p...	12.10	2.6	ng	241041	4	11.46	1884020	20.0
Phenanthrene, 1,7...	12.52	2.6	ng	249258	4	11.46	1884020	20.0
Pyrene, 1-methyl-	13.12	2.1	ng	200521	5	14.11	1903200	20.0
Pyrene, 2-methyl-	13.34	2.2	ng	207655	5	14.11	1903200	20.0
Benzo[b]naphtho[2...	13.86	2.1	ng	197502	5	14.11	1903200	20.0
11H-Benzo[a]fluor...	13.95	6.9	ng	652443	5	14.11	1903200	20.0
Chrysene, 1-methyl-	14.50	2.1	ng	196377	5	14.11	1903200	20.0
Octadecane	14.57	2.4	ng	224806	5	14.11	1903200	20.0
Benzo[e]pyrene	15.49	4.5	ng	364712	6	15.62	1631500	20.0