LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117605.D
Acq On : 29 Oct 2019 22:33
Operator : JU
Sample : K5587-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

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-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.922	478	482	495	rBV	78225	114985	13.78%	1.122%
2	5.357	553	556	583	rBV	449583	634722	76.05%	6.191%
3	6.387	728	731	748	rBV	523767	716967	85.90%	6.993%
4	6.504	748	751	758	rBV	737512	712240	85.34%	6.947%
5	6.728	786	789	797	rBV	219585	199464	23.90%	1.946%
6	6.881	812	815	828	rBV	529316	533820	63.96%	5.207%
7	7.292	882	885	909	rBV	291284	409968	49.12%	3.999%
8	8.010	1004	1007	1016	rBV	193362	228581	27.39%	2.230%
9	9.081	1186	1189	1201	rBV	627476	605045	72.49%	5.902%
10	9.480	1254	1257	1266	rVB	85064	83328	9.98%	0.813%
11	9.628	1279	1282	1287	rBV	32415	32140	3.85%	0.313%
12	9.763	1301	1305	1314	rBV	228214	225304	27.00%	2.198%
13	10.557	1437	1440	1451	rBV	275366	292079	35.00%	2.849%
14	11.251	1554	1558	1560	rBV	219763	198847	23.83%	1.940%
15	11.274	1560	1562	1567	rVV	81569	78957	9.46%	0.770%
16	11.327	1568	1571	1579	rVB	28317	34598	4.15%	0.337%
17	11.498	1595	1600	1603	rBV3	13995	18528	2.22%	0.181%
18	11.533	1603	1606	1610	rVB2	10145	12320	1.48%	0.120%
19	11.751	1641	1643	1645	rBV	15407	14582	1.75%	0.142%
20	11.780	1645	1648	1654	rVB3	34384	44746	5.36%	0.436%
21	11.863	1659	1662	1665	rVV2	31467	38151	4.57%	0.372%
22	11.886	1665	1666	1670	rVB	15036	11949	1.43%	0.117%
23	12.045	1691	1693	1698	rVB	11996	11737	1.41%	0.114%
24	12.092	1698	1701	1705	rBV2	16102	15012	1.80%	0.146%
25	12.304	1734	1737	1739	rBV	28154	27108	3.25%	0.264%
26	12.333	1739	1742	1745	rVV4	16834	23495	2.82%	0.229%
27	12.404	1748	1754	1756	rVV3	14851	21809	2.61%	0.213%
28	12.463	1761	1764	1770	rVV	352614	329486	39.48%	3.214%
29	12.563	1779	1781	1786	rVB	20092	18123	2.17%	0.177%
30	12.616	1786	1790	1793	rBV2	20446	21232	2.54%	0.207%
31	12.692	1797	1803	1810	rVV	337739	372644	44.65%	3.635%
32	12.745	1810	1812	1816	rVB2	21476	23199	2.78%	0.226%
33	12.827	1822	1826	1830	rBV	630142	562194	67.36%	5.484%
34	12.863	1830	1832	1837	rVB	16804	19728	2.36%	0.192%

LSC Area Percent Report

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.910	1837	1840	1846	rBV3	27681	50126	6.01%	0.489%
36	12.963	1846	1849	1852	rVB3	8561	11317	1.36%	0.110%
37	13.004	1852	1856	1857	rBV2	28369	35451	4.25%	0.346%
38	13.027	1857	1860	1863	rVB	48295	49247	5.90%	0.480%
39	13.092	1868	1871	1873	rBV	31898	28481	3.41%	0.278%
40	13.127	1873	1877	1884	rVB4	46356	69418	8.32%	0.677%
41	13.186	1884	1887	1890	rBV4	7743	9889	1.18%	0.096%
42	13.221	1890	1893	1896	rBV	22315	21003	2.52%	0.205%
43	13.251	1896	1898	1902	rBV3	19693	23700	2.84%	0.231%
44	13.304	1903	1907	1910	rVV	993495	834606	100.00%	8.141%
45	13.392	1917	1922	1926	rBV2	18886	25168	3.02%	0.245%
46	13.510	1939	1942	1944	rBV2	9422	9938	1.19%	0.097%
47	13.545	1944	1948	1952	rBV	41506	44522	5.33%	0.434%
48	13.651	1961	1966	1967	rBV2	44195	49602	5.94%	0.484%
49	13.668	1967	1969	1972	rVV2	41497	43244	5.18%	0.422%
50	13.698	1972	1974	1976	rVV	35051	36204	4.34%	0.353%
51	13.721	1976	1978	1980	rVV2	33269	41040	4.92%	0.400%
52	13.757	1980	1984	1990	rVB4	65890	100202	12.01%	0.977%
53	13.815	1990	1994	1998	rBV	8657	12527	1.50%	0.122%
54	13.857	1998	2001	2002	rBV	24398	20265	2.43%	0.198%
55	13.892	2002	2007	2010	rVV2	310344	483387	57.92%	4.715%
56	13.921	2010	2012	2015	rVV	199635	185741	22.25%	1.812%
57	13.980	2019	2022	2024	rVV3	16420	17405	2.09%	0.170%
58	14.004	2024	2026	2029	rVV	24655	23370	2.80%	0.228%
59	14.039	2029	2032	2034	rVV4	24983	30896	3.70%	0.301%
60	14.063	2034	2036	2040	rVV4	25445	33588	4.02%	0.328%
61	14.104	2040	2043	2044	rVV2	13575	16917	2.03%	0.165%
62	14.133	2046	2048	2051	rVB2	19096	16437	1.97%	0.160%
63	14.215	2060	2062	2065	rBV4	9135	12259	1.47%	0.120%
64	14.245	2065	2067	2069	rBV2	12790	12521	1.50%	0.122%
65	14.286	2069	2074	2077	rVV	46773	59368	7.11%	0.579%
66	14.321	2077	2080	2081	rBV2	15364	13342	1.60%	0.130%
67	14.345	2081	2084	2088	rVV3	27173	27819	3.33%	0.271%
68	14.386	2088	2091	2093	rBV4	14498	10630	1.27%	0.104%
69	14.410	2093	2095	2096	rBV	17089	12345	1.48%	0.120%
70	14.621	2127	2131	2137	rBV4	62498	94385	11.31%	0.921%
71	14.710	2142	2146	2149	rVB2	18255	23677	2.84%	0.231%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : CSA-2-1-9

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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.774	2154	2157	2159	rBV4	17715	19031	2.28%	0.186%
73	14.921	2178	2182	2185	rBV	156351	217031	26.00%	2.117%
74	14.945	2185	2186	2192	rVB2	95991	106402	12.75%	1.038%
75	15.027	2197	2200	2207	rVB	33908	45578	5.46%	0.445%
76	15.215	2228	2232	2238	rBV	70335	88695	10.63%	0.865%
77	15.274	2238	2242	2246	rVV	97930	120495	14.44%	1.175%
78	15.333	2248	2252	2255	rVV	105339	138690	16.62%	1.353%
79	15.362	2255	2257	2264	rVB3	26226	41132	4.93%	0.401%
80	15.715	2314	2317	2322	rVB3	20366	24711	2.96%	0.241%
81	16.180	2393	2396	2401	rVB5	8961	12040	1.44%	0.117%
82	16.756	2487	2494	2501	rVB2	35271	77094	9.24%	0.752%
83	16.909	2517	2520	2526	rVB7	9787	16858	2.02%	0.164%
84	16.974	2526	2531	2536	rBV8	6775	12244	1.47%	0.119%
85	17.180	2562	2566	2576	rVB2	26133	54946	6.58%	0.536%

Sum of corrected areas: 10252072

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
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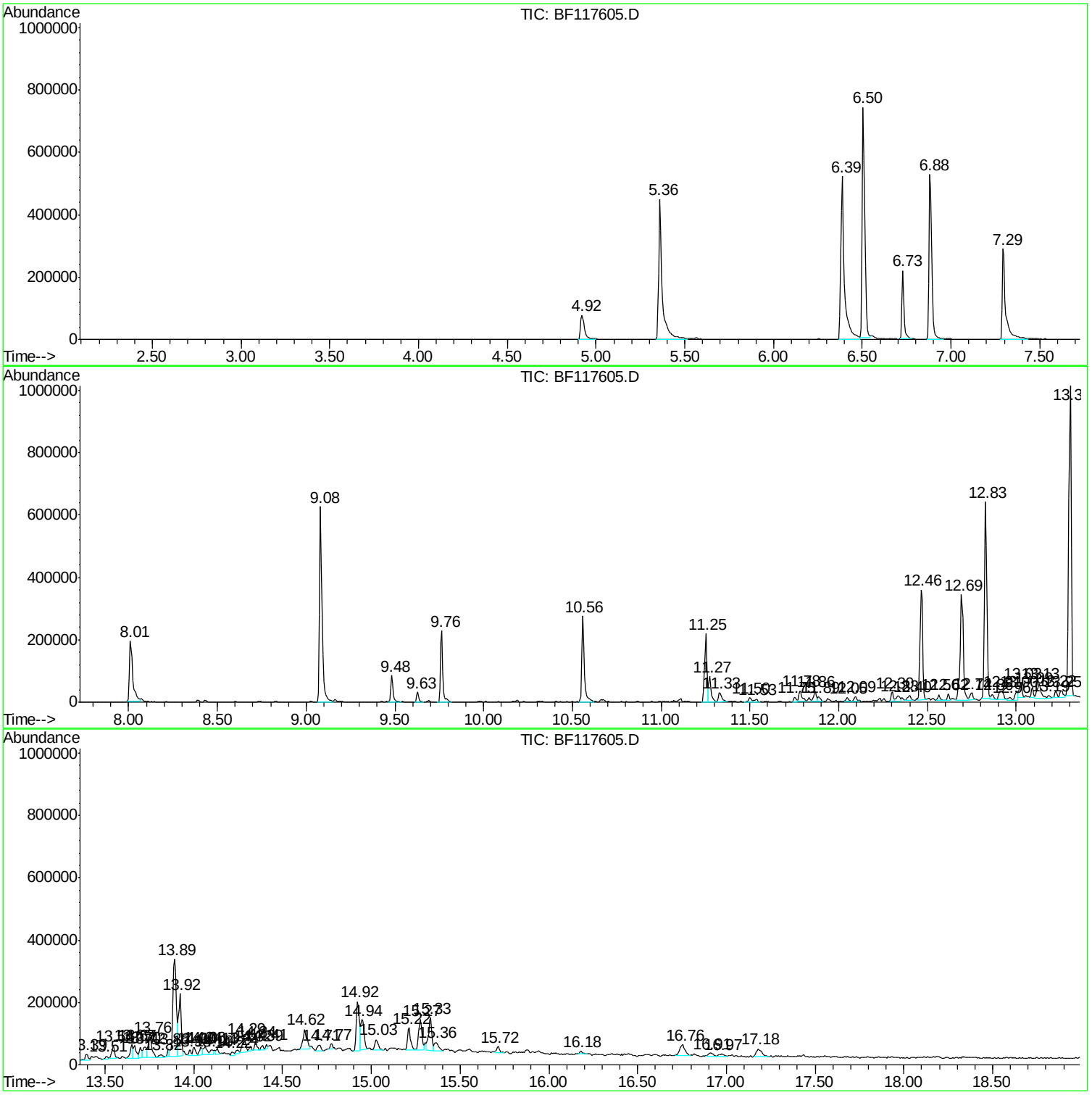
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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\BF102919\
Data File : BF117605.D
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Operator : JU
Sample : K5587-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

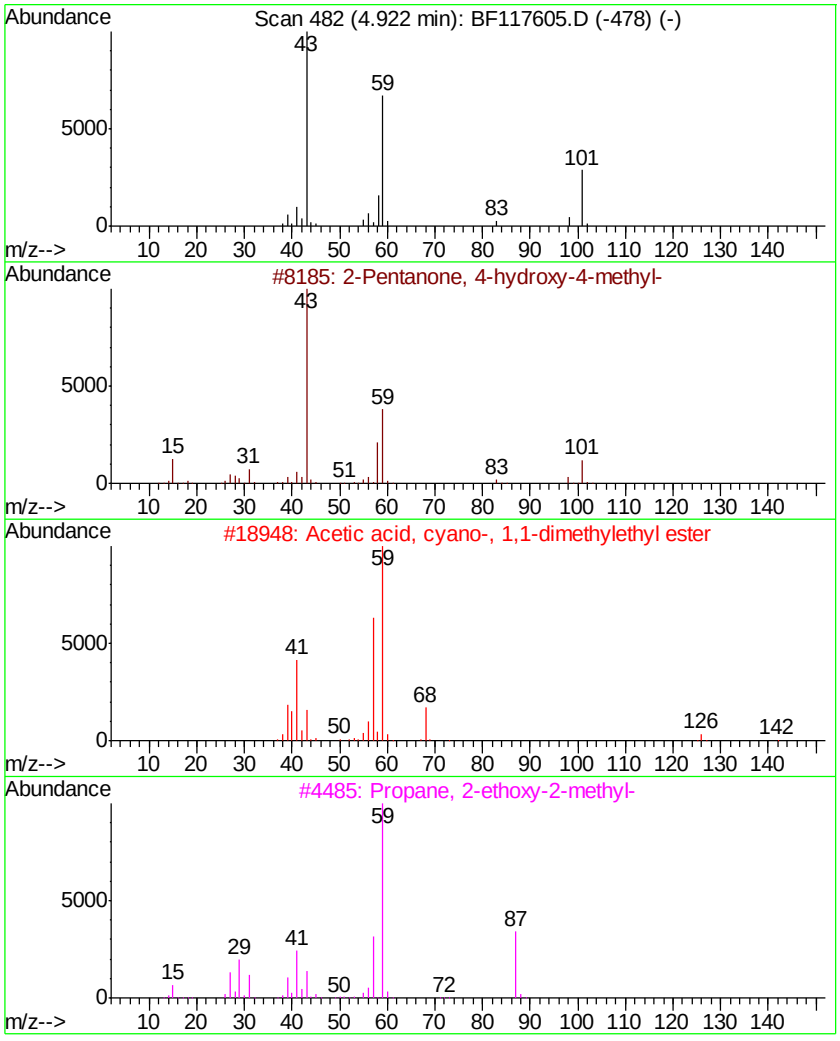
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

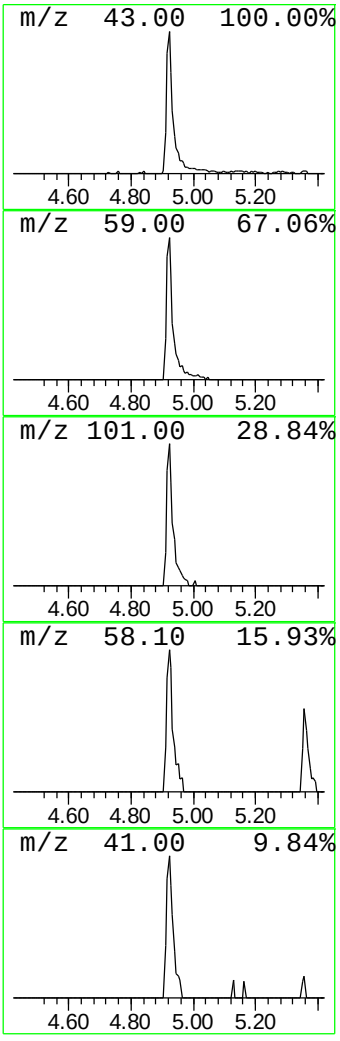
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	11.53 ng	114985	1,4-Dichlorobenzene-d4	6.73

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	17
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

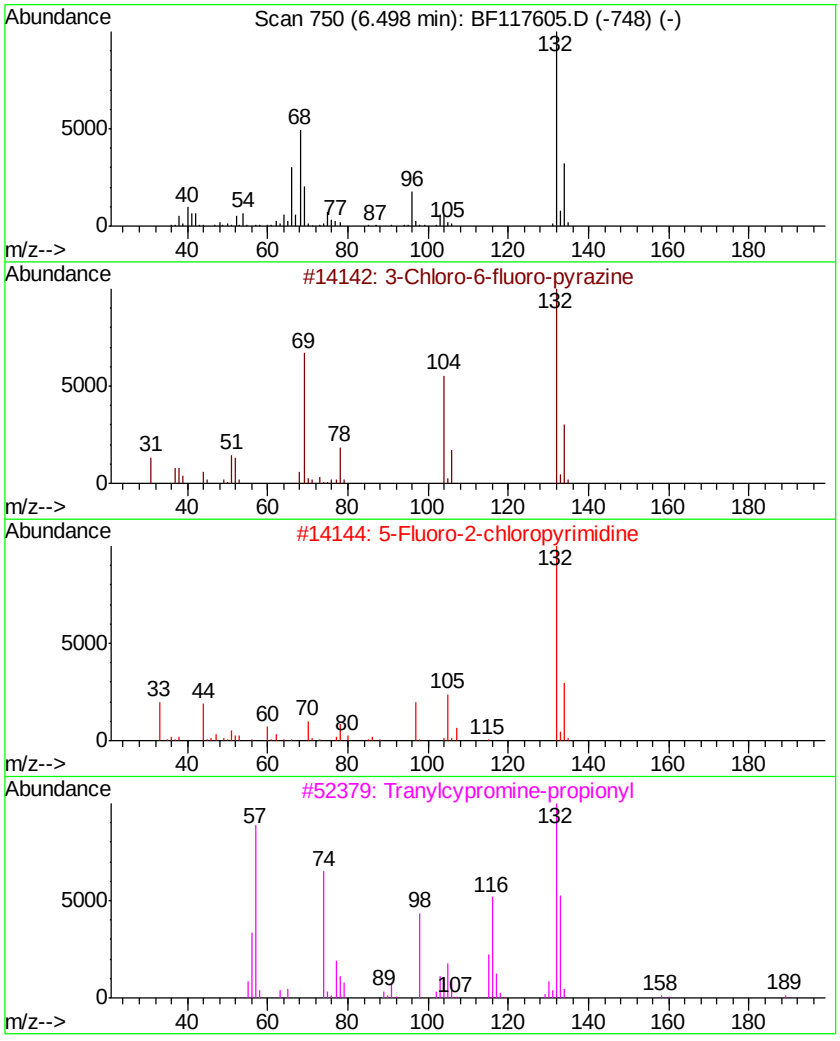
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

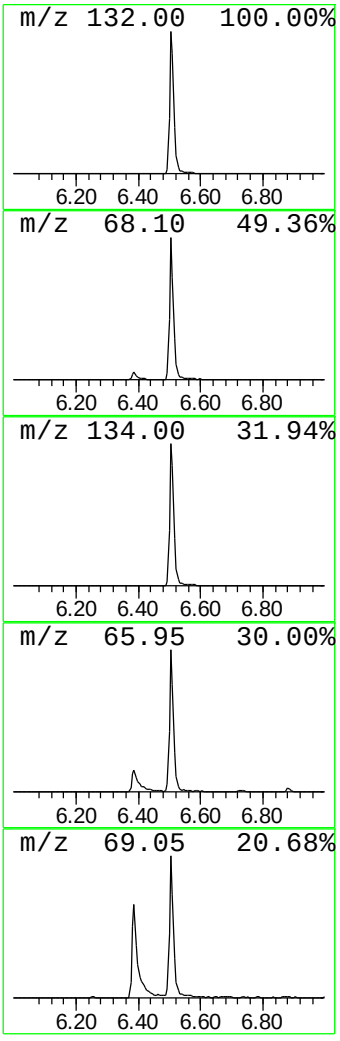
****

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	71.42 ng	712240	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





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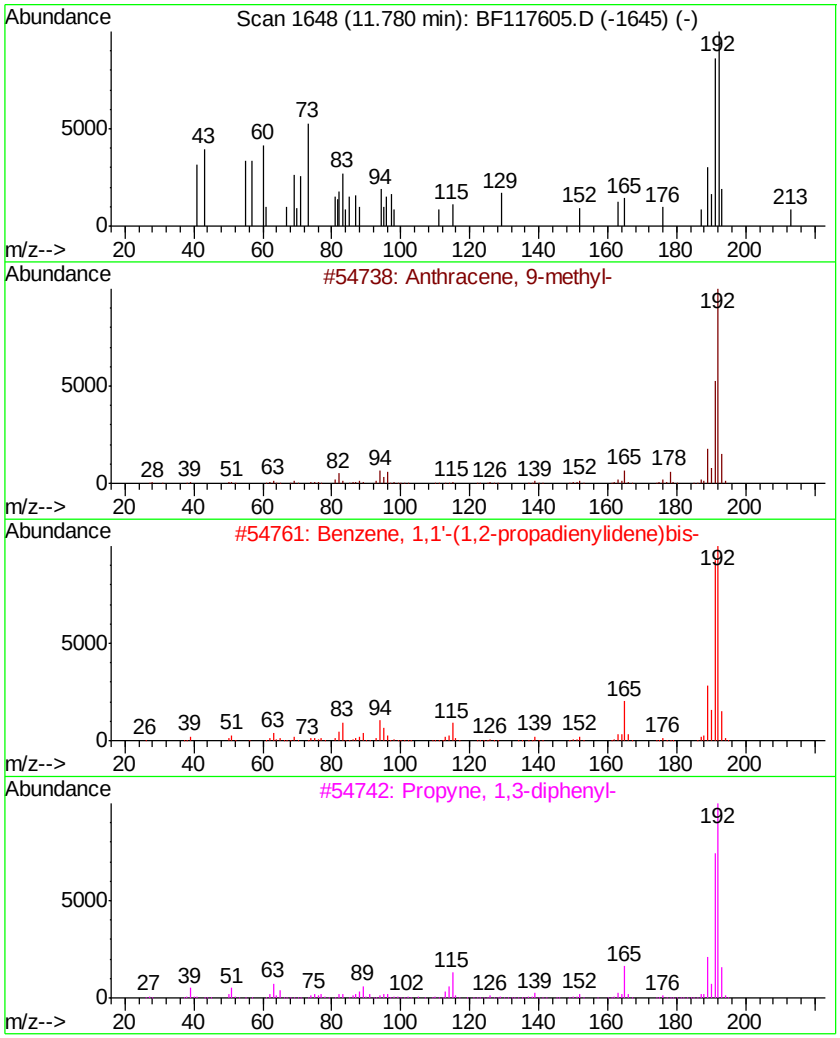
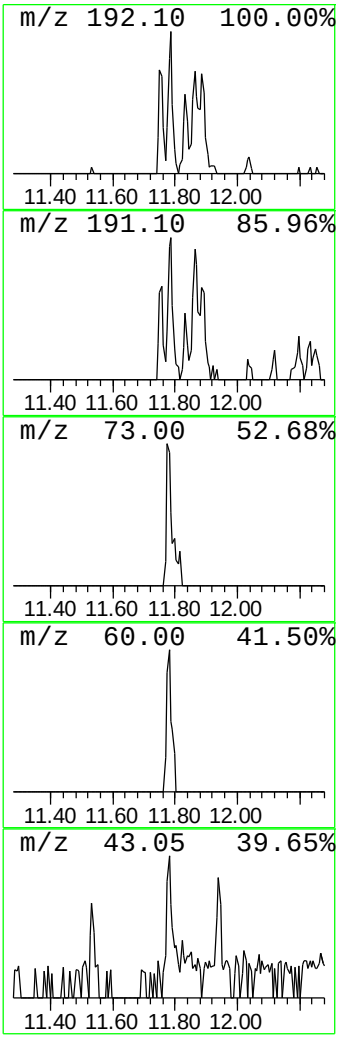
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	4.50 ng	44746	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
2	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	64
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	52
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	52
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	52





Library Search Compound Report

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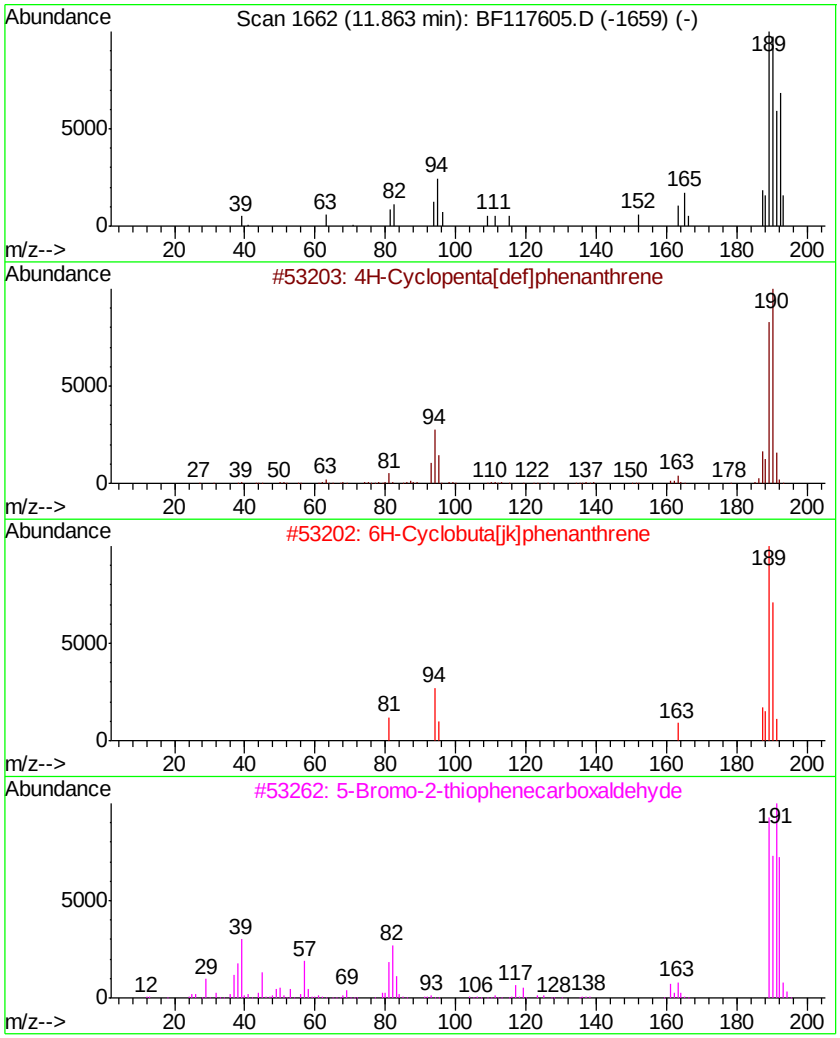
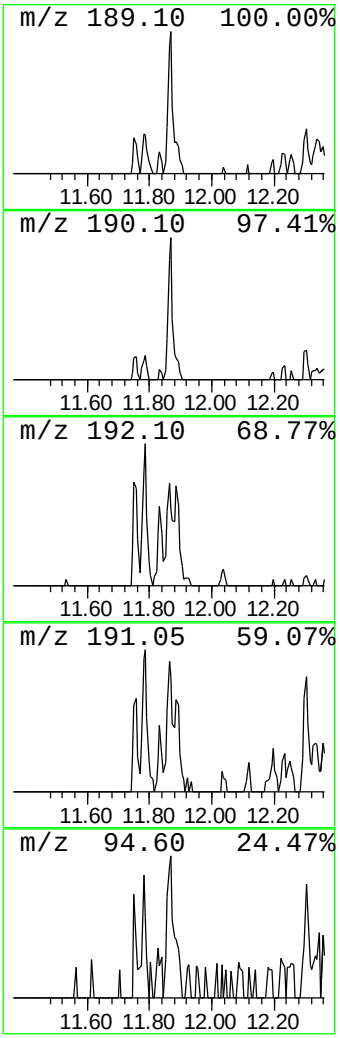
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.84 ng	38151	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	42
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	27
5	2-Bromo-4-fluorophenol	190	C6H4BrFO	000496-69-5	27





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Instrument : BNA_F
ClientSampleId : CSA-2-1-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

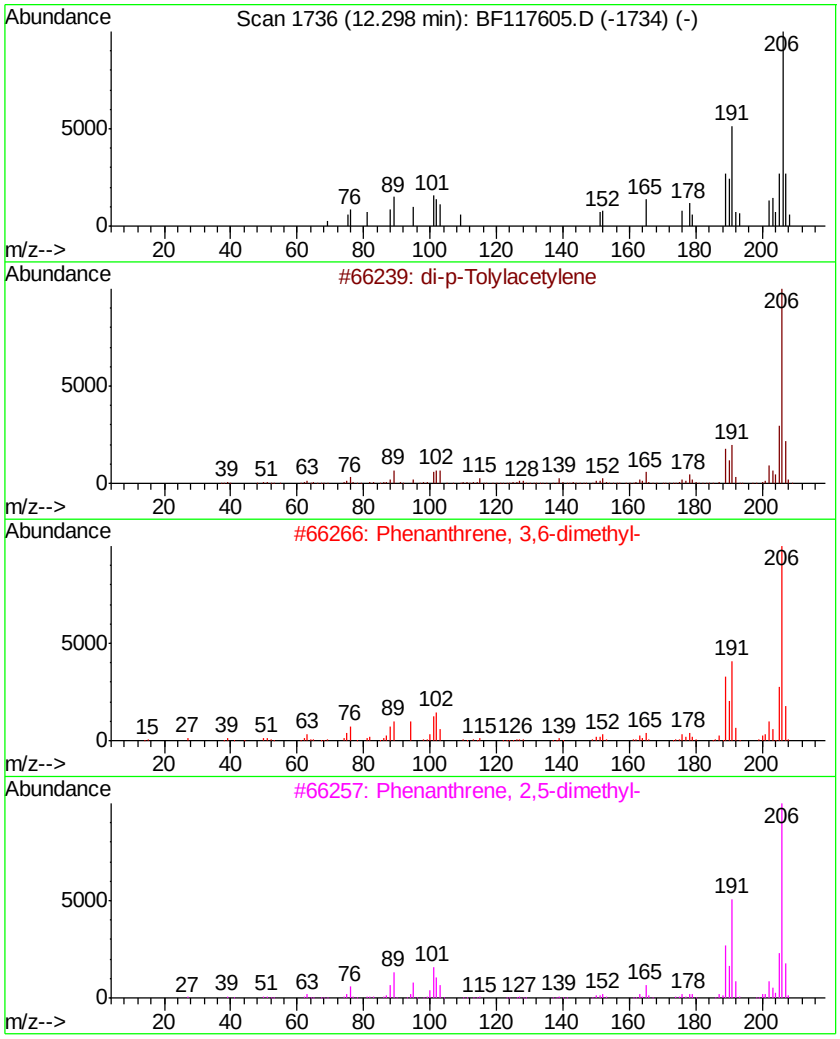
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

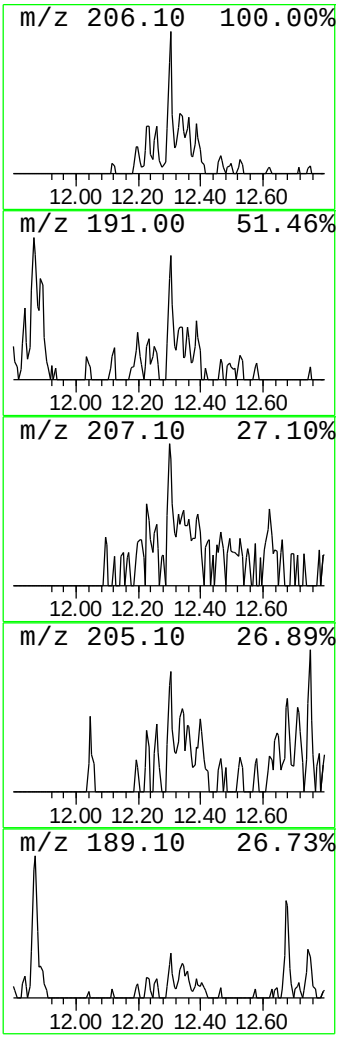
****

Peak Number 6 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.73 ng	27108	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83





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Instrument : BNA_F
ClientSampleId : CSA-2-1-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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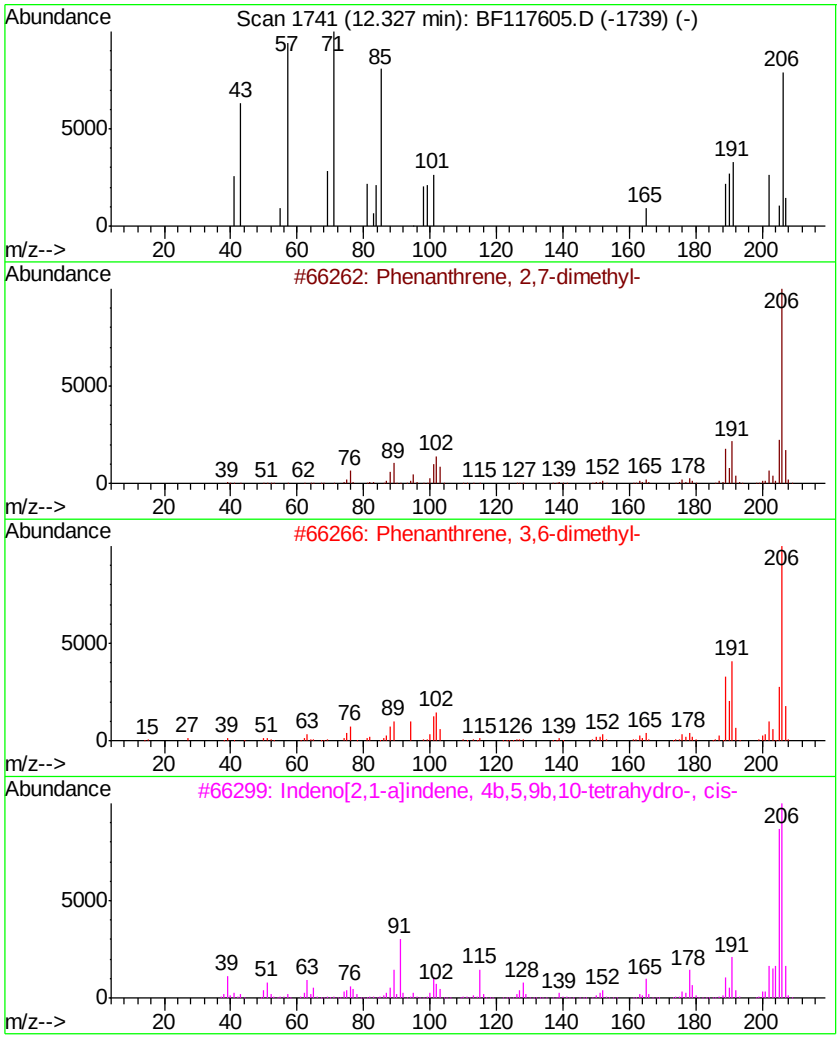
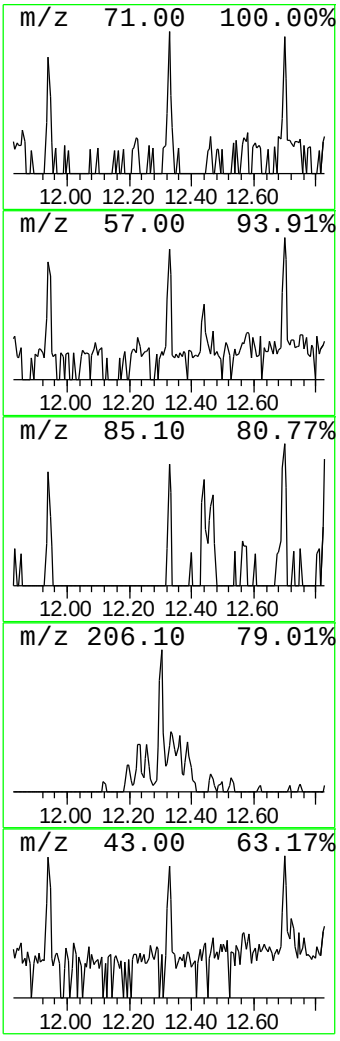
Peak Number 7 unknown12.33 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.36 ng	23495	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	43
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
3	Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	016293-79-1	38
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
5	Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	005695-17-0	35





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Data File : BF117605.D
Acq On : 29 Oct 2019 22:33
Operator : JU
Sample : K5587-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

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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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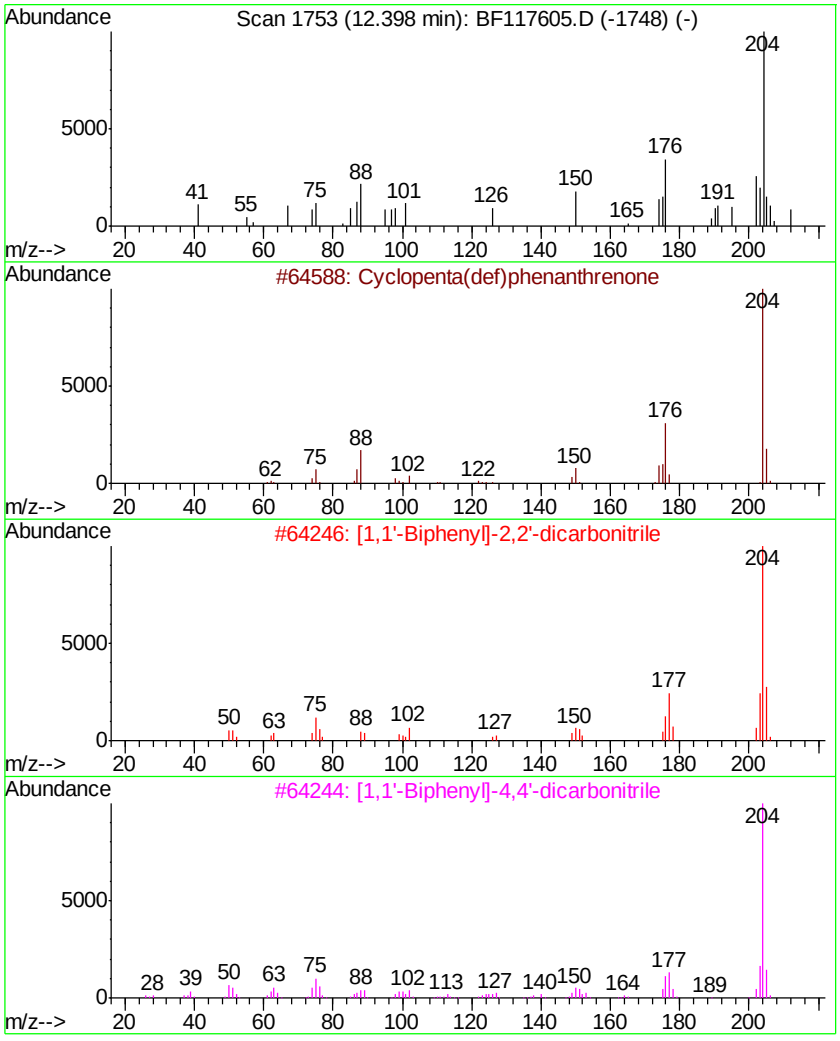
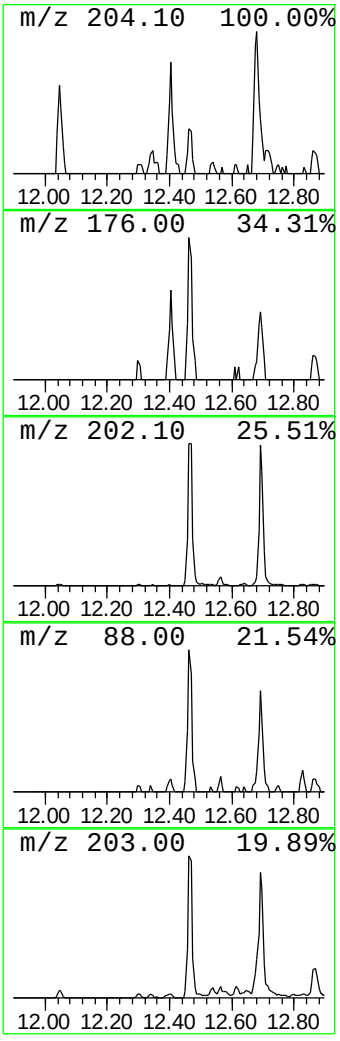
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.19 ng	21809	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42





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Instrument : BNA_F
ClientSampleId : CSA-2-1-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

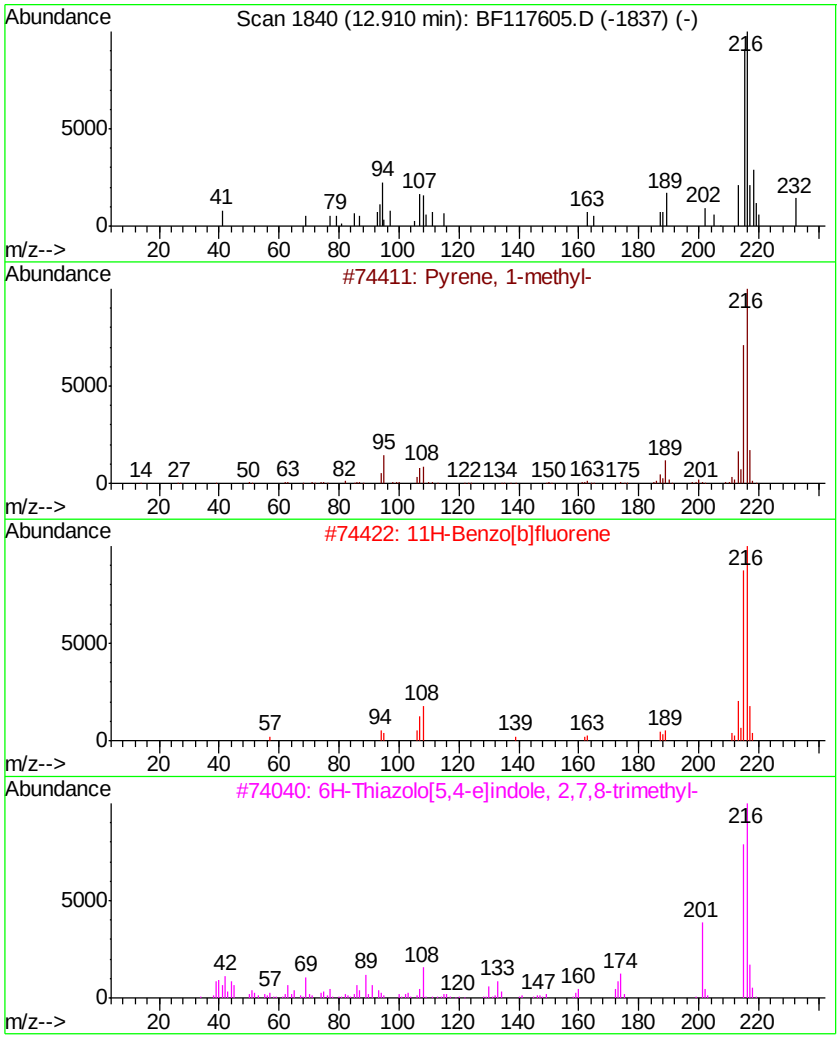
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

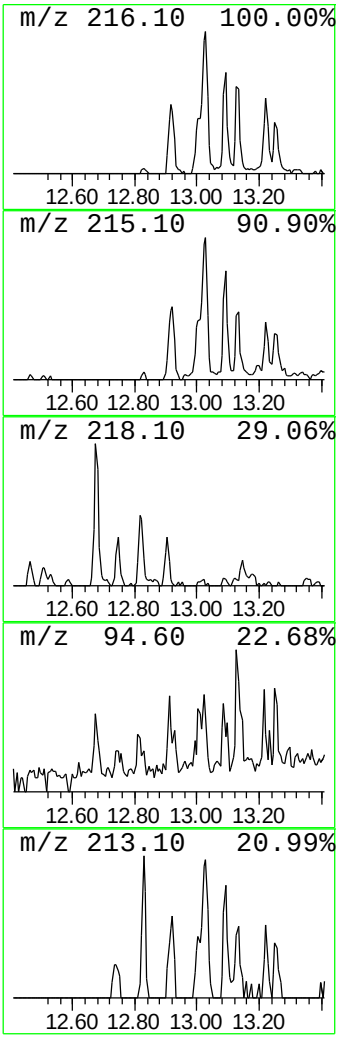
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	2.07 ng	50126	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58
3	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	58
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

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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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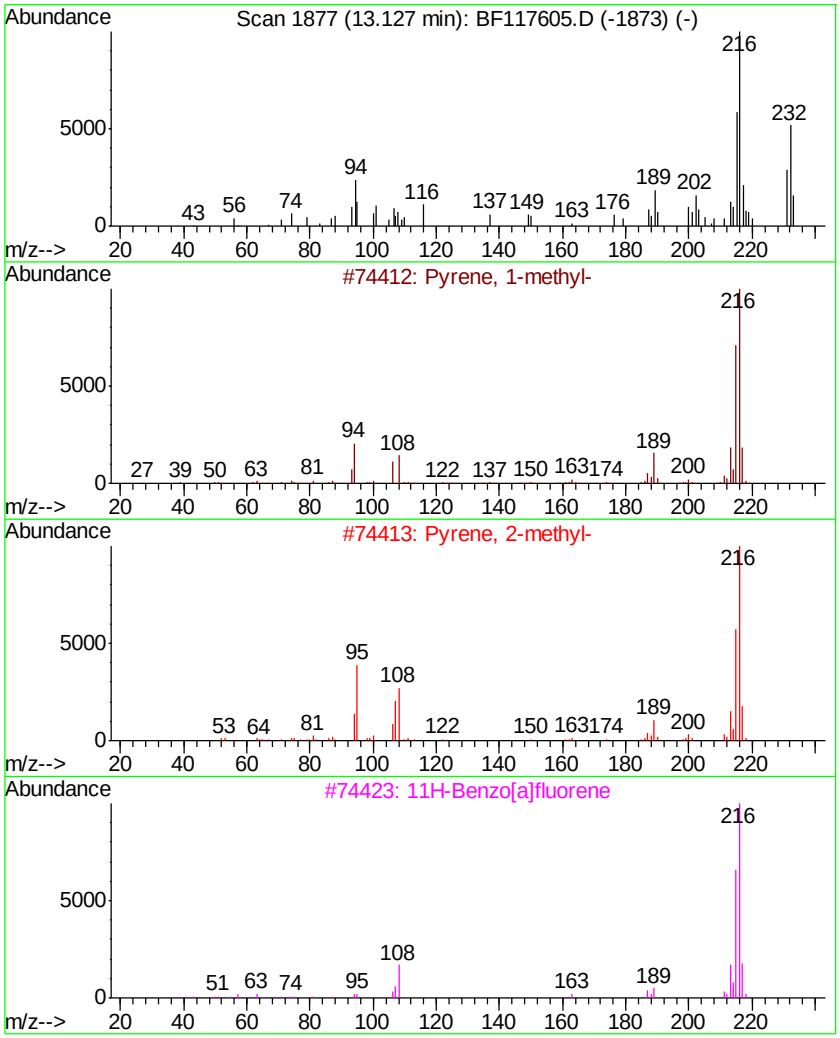
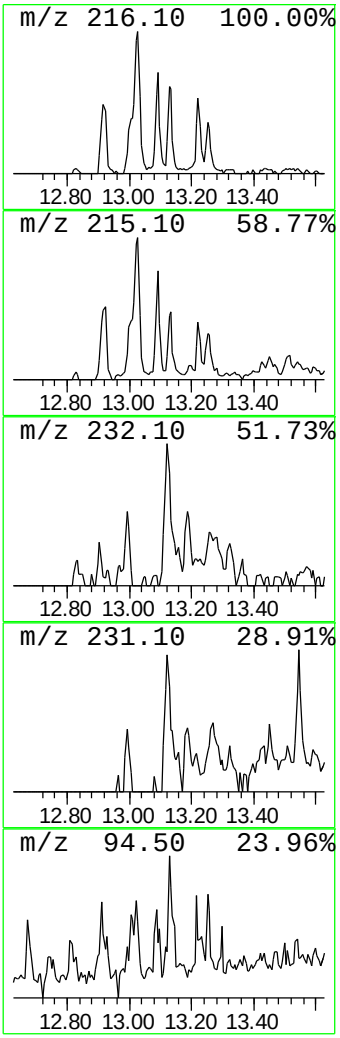
Peak Number 10 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.87 ng	69418	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	43





Library Search Compound Report

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

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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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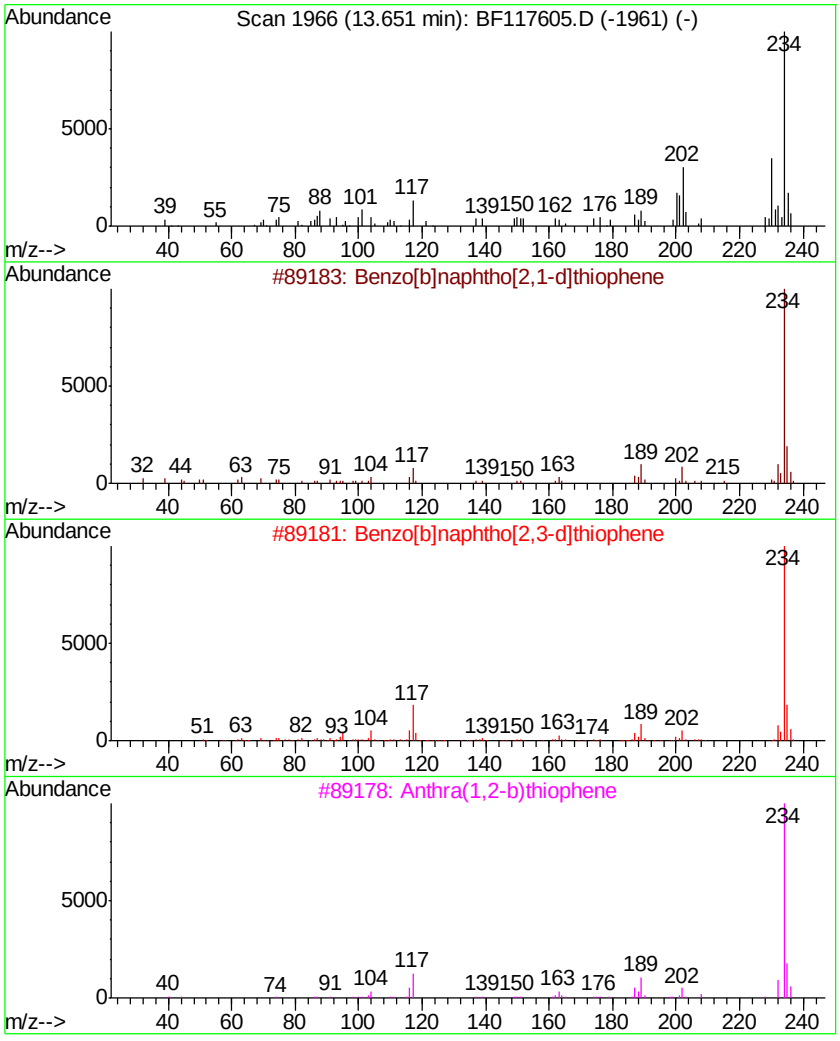
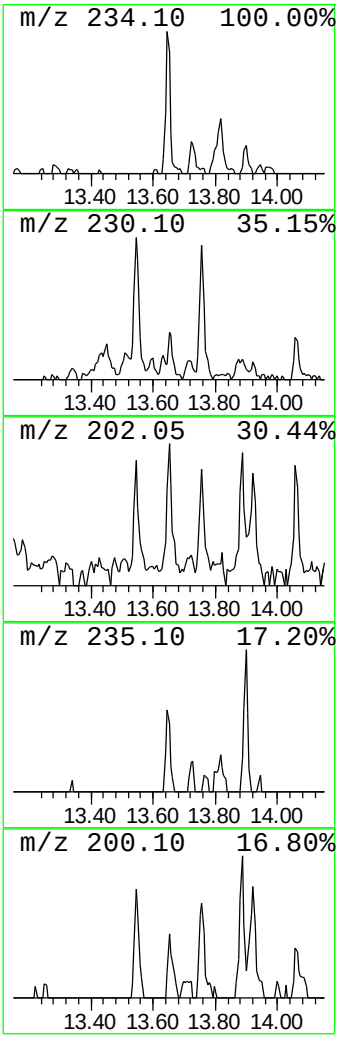
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.05 ng	49602	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	64
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	50
5	2-Thiazolamine, 4-(2,3-dihydro-1...	234	C11H10N2O2S	1000338-20-1	43





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Operator : JU
Sample : K5587-13
Misc :
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Instrument : BNA_F
ClientSampleId : CSA-2-1-9

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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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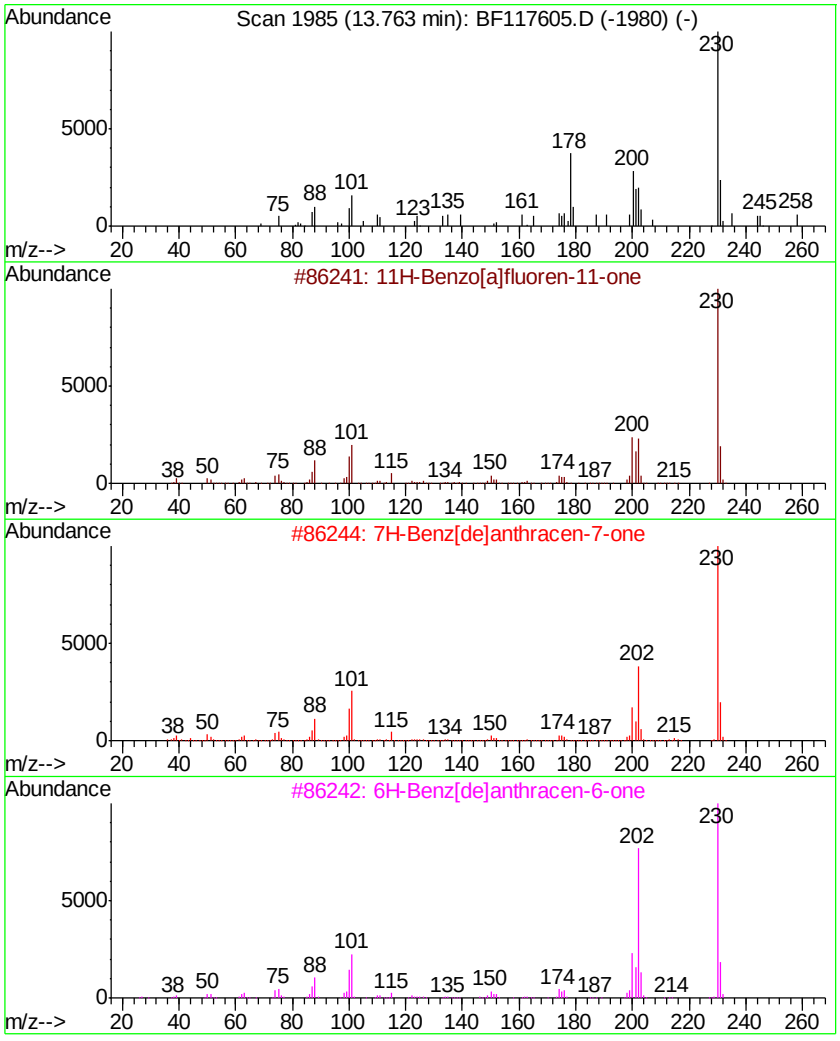
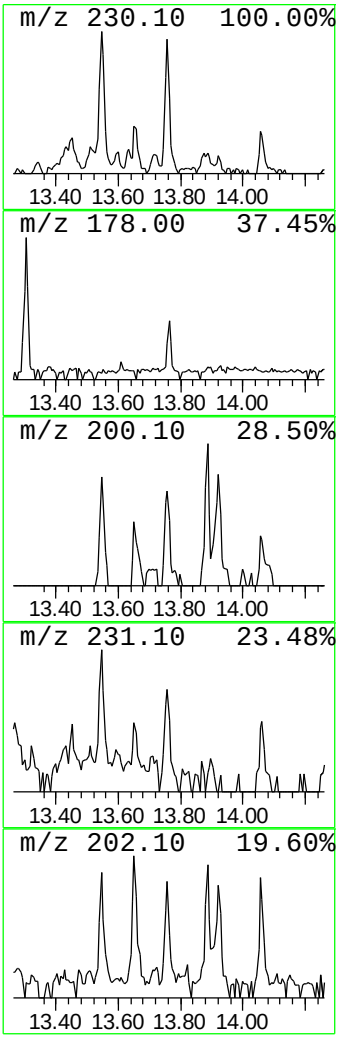
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.15 ng	100202	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	50





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : CSA-2-1-9

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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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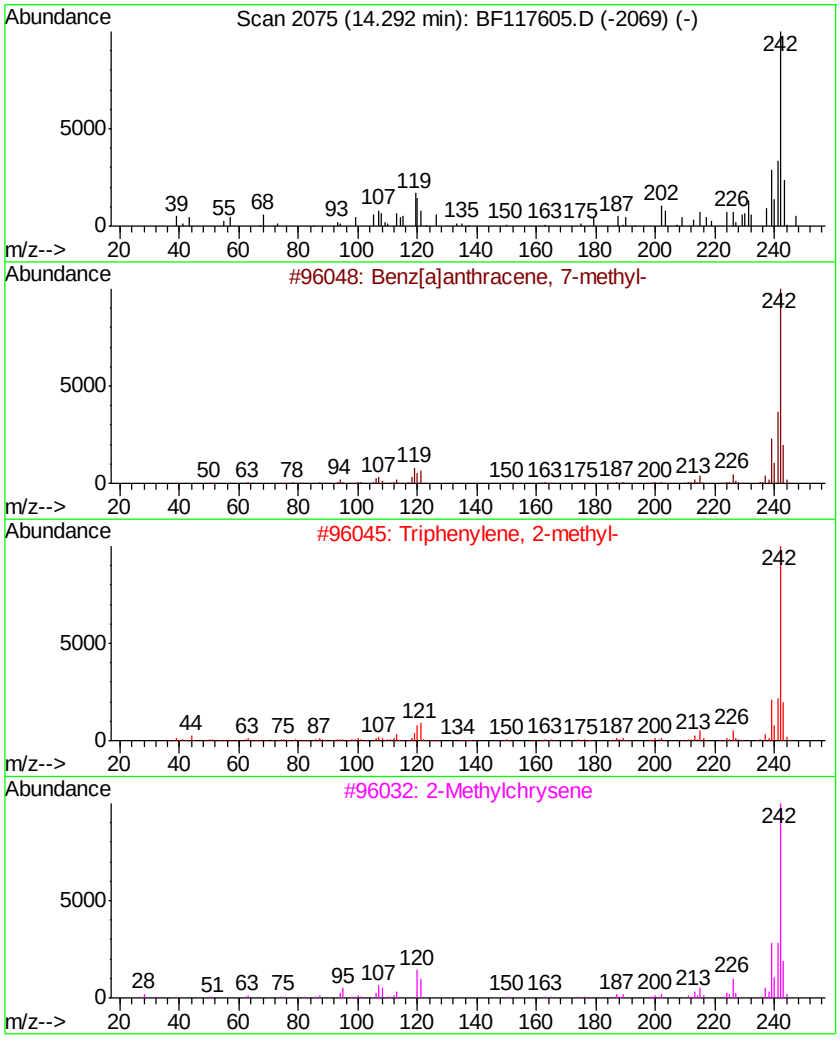
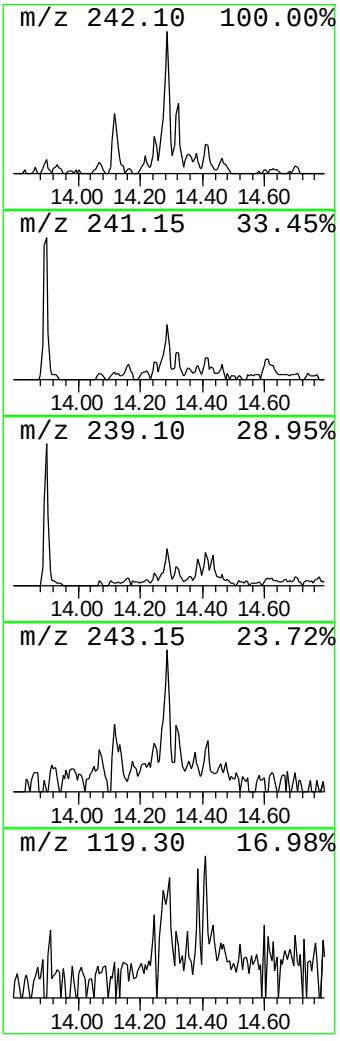
Peak Number 13 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.46 ng	59368	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
3	2-Methylchrysene	242	C19H14	003351-32-4	89
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	86
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	76





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Sample : K5587-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

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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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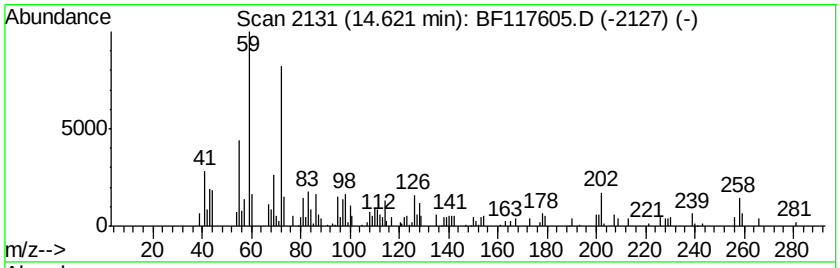
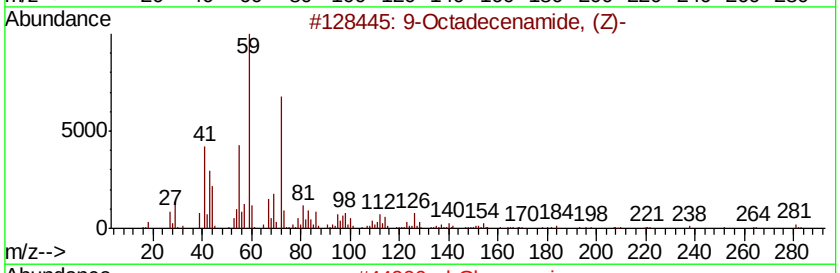
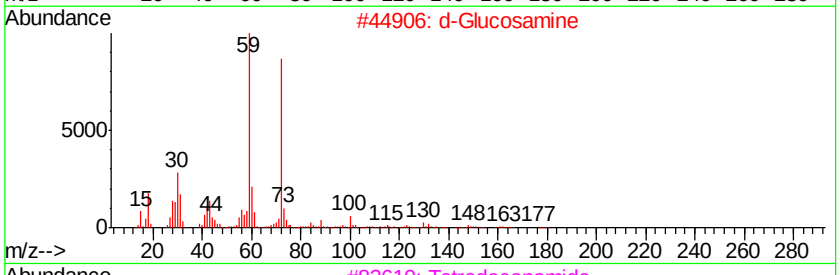
Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 3

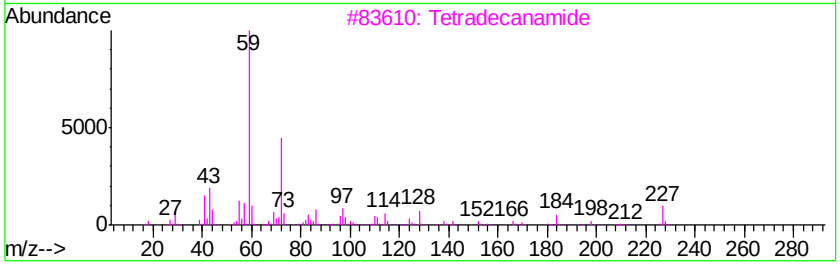
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	13.61 ng	94385	Perylene-d12	15.33

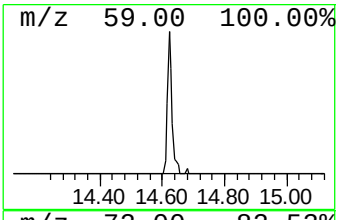
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	d-Glucosamine	179	C6H13NO5	000090-77-7	53
3	Tetradecanamide	227	C14H29NO	000638-58-4	50
4	Decanamide-	171	C10H21NO	002319-29-1	47
5	Dodecanamide	199	C12H25NO	001120-16-7	47

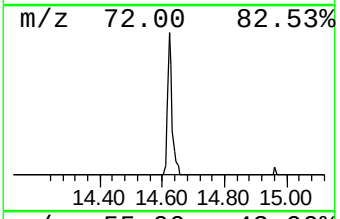


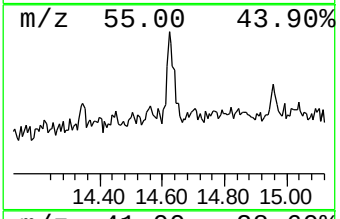


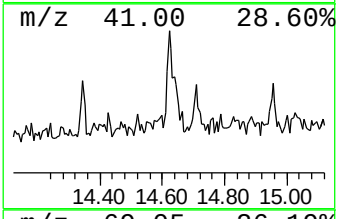


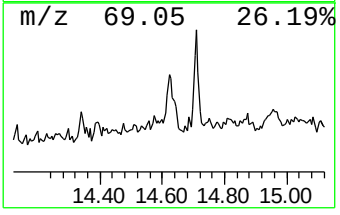












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Operator : JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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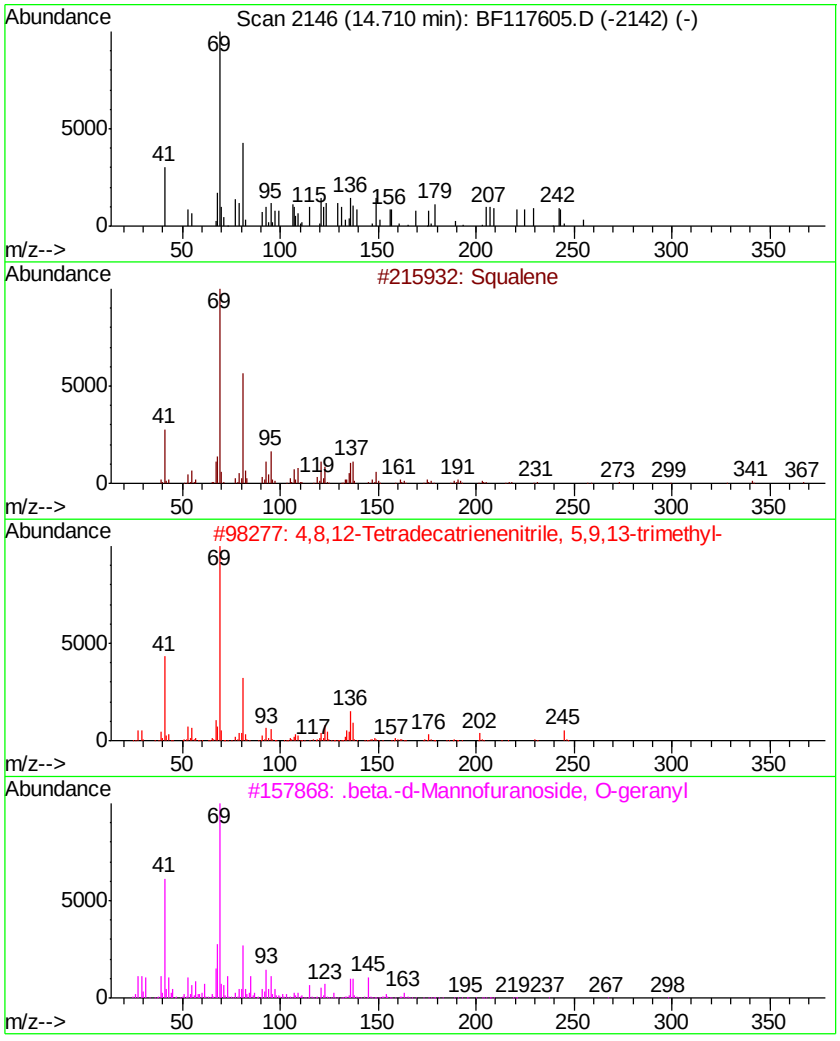
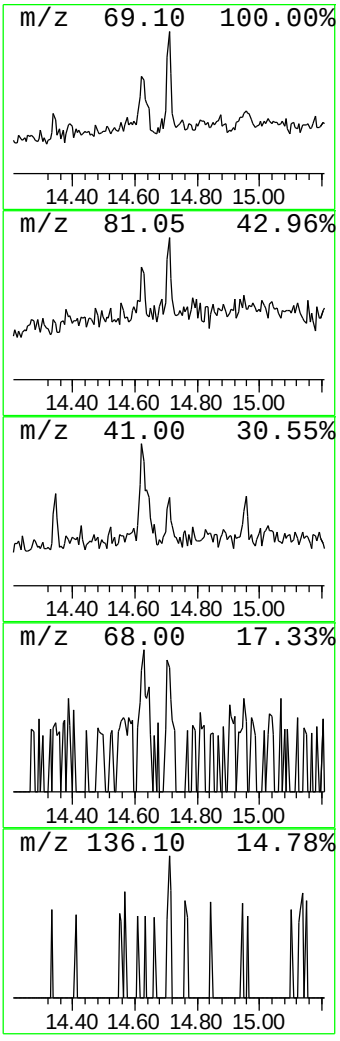
Peak Number 15 unknown14.71 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	3.41 ng	23677	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	49
2	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	47
3	.beta.-d-Mannofuranoside, O-geranyl	316	C16H28O6	1000154-77-2	38
4	trans-Geranylgeraniol	290	C20H34O	024034-73-9	38
5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	38





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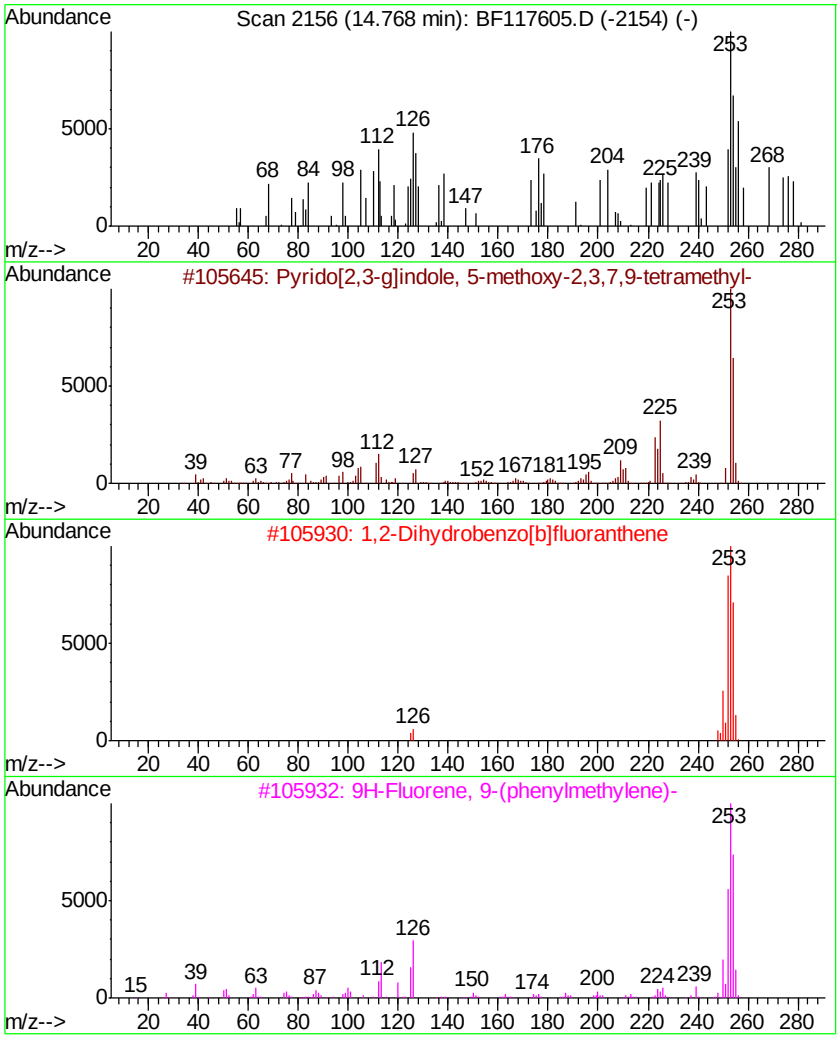
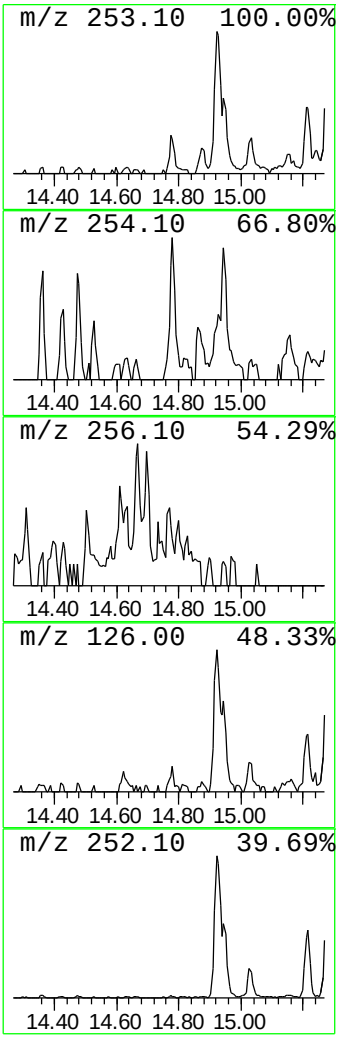
Peak Number 16 Pyrido[2,3-g]indole, 5-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.74 ng	19031	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	52
2	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	50
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	50
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	50
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	50





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TIC Integration Parameters: LSCINT.P

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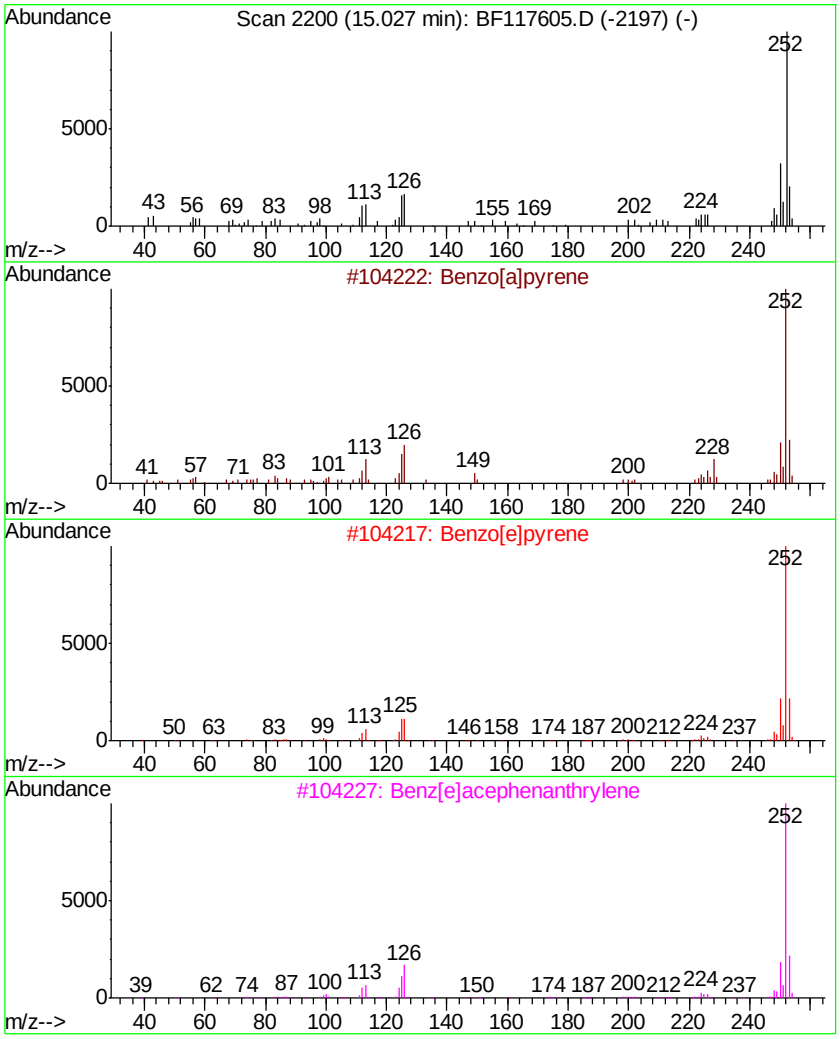
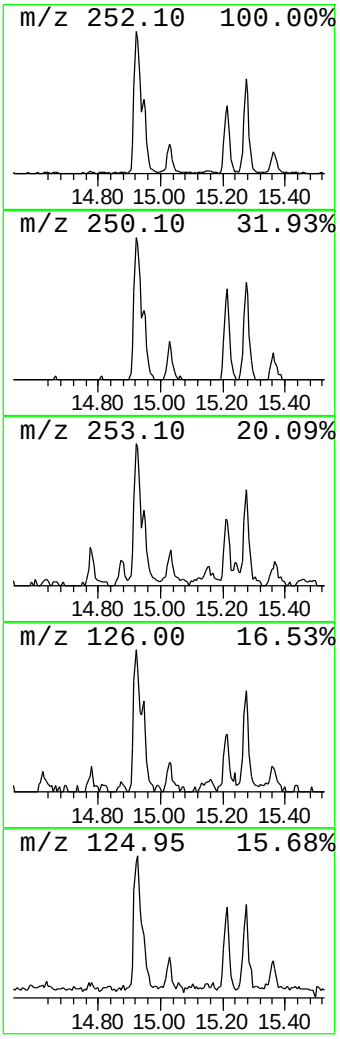
Peak Number 17 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	6.57 ng	45578	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	83
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117605.D
Acq On : 29 Oct 2019 22:33
Operator : JU
Sample : K5587-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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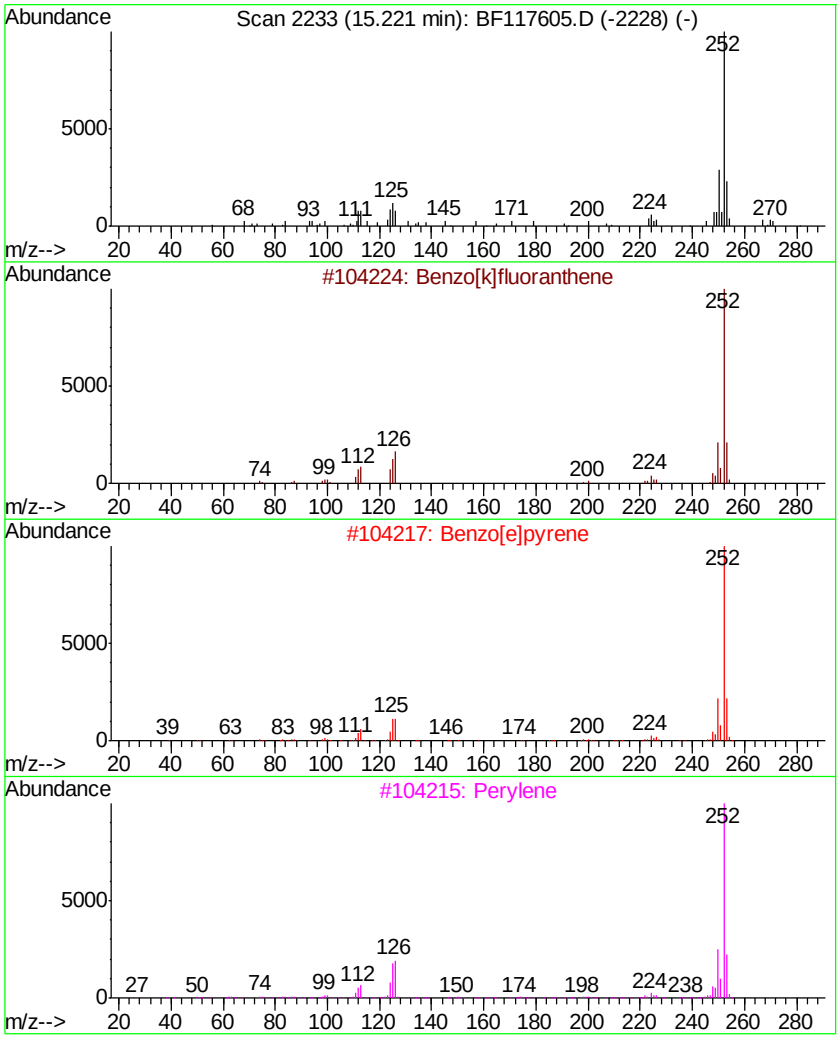
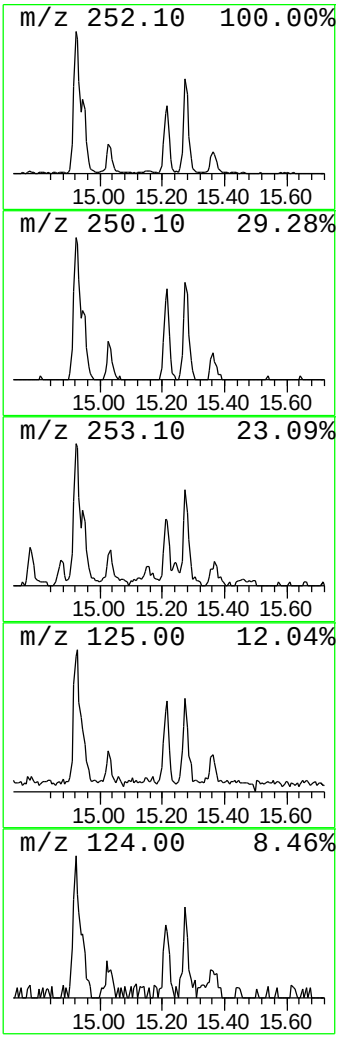
Peak Number 18 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	12.79 ng	88695	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117605.D
Acq On : 29 Oct 2019 22:33
Operator : JU
Sample : K5587-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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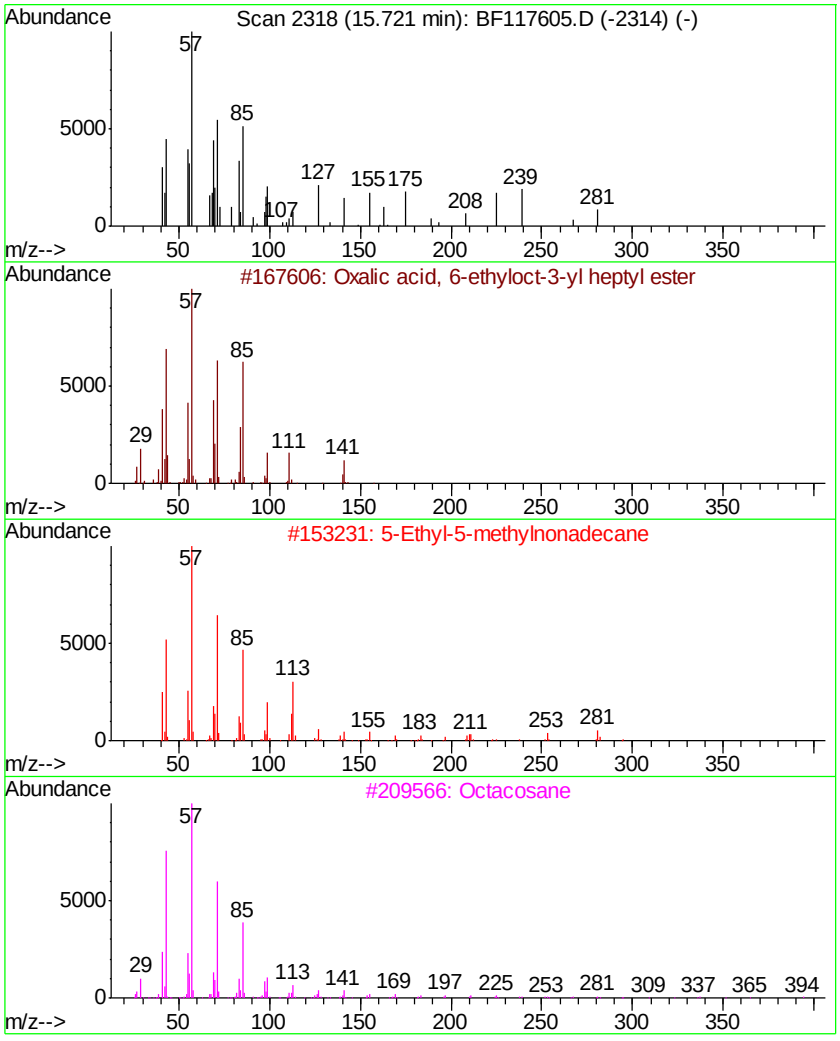
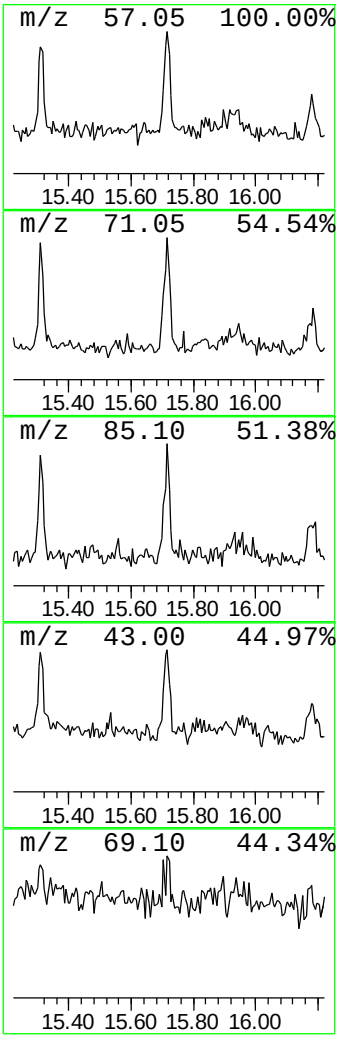
Peak Number 19 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.56 ng	24711	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	53
2	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	53
3	Octacosane	394	C28H58	000630-02-4	53
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	50
5	2,2-Dimethyloctadecane	282	C20H42	1000360-43-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117605.D
Acq On : 29 Oct 2019 22:33
Operator : JU
Sample : K5587-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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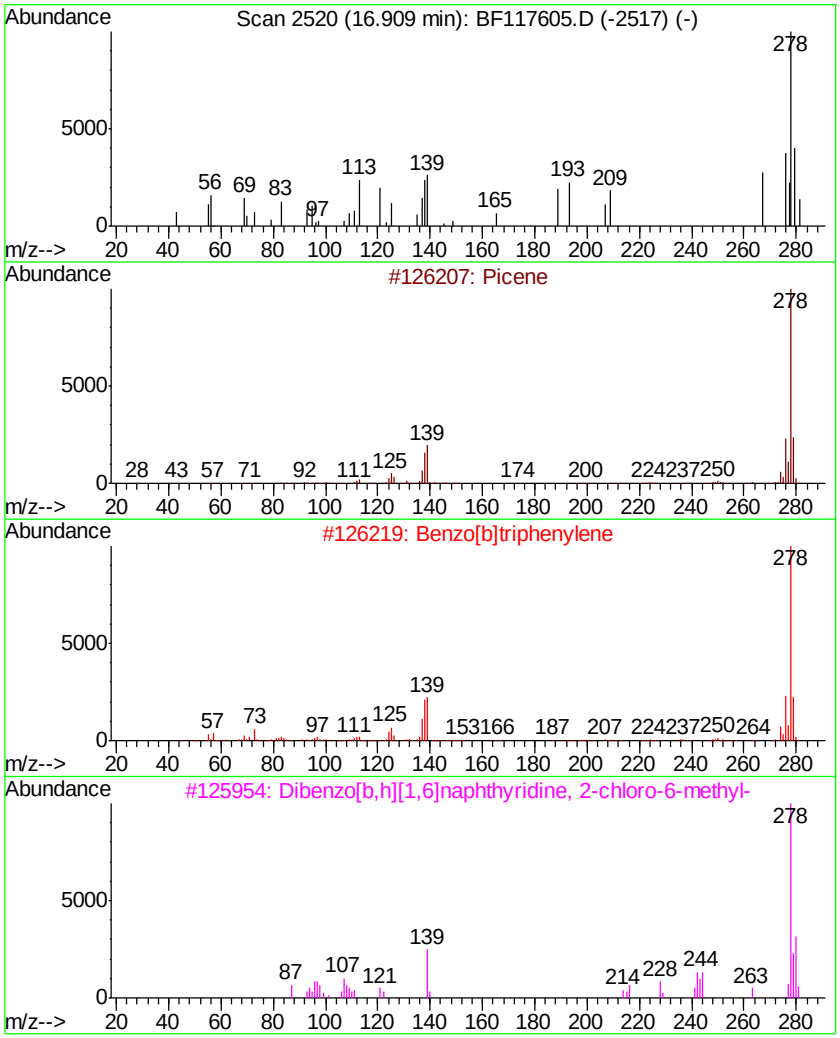
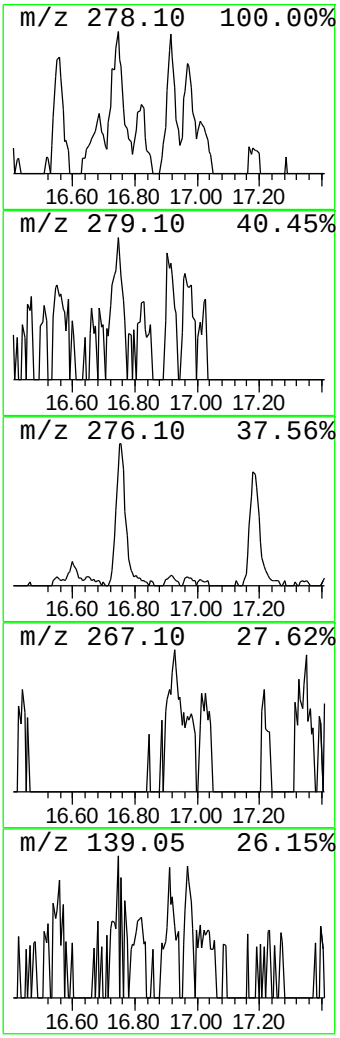
Peak Number 20 unknown16.91 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	2.43 ng	16858	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	43
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	43
3	Dibenzo[b,h][1,6]naphthyridine, ...	278	C17H11ClN2	004240-91-9	17
4	[4,5'-Bipyrimidine]-2,2',4',6(1H...	278	C12H14N4O4	062880-87-9	17
5	Anthra[2,3-b]furan-4,11-dione, 2...	278	C18H14O3	054964-97-5	16





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102919\
Data File : BF117605.D
Acq On : 29 Oct 2019 22:33
Operator : JU
Sample : K5587-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-2-1-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.92	11.5	ng	114985	1	6.73	199464	20.0
unknown6.50	6.50	71.4	ng	712240	1	6.73	199464	20.0
Anthracene, 9-met...	11.78	4.5	ng	44746	4	11.25	198847	20.0
4H-Cyclopenta[def...	11.86	3.8	ng	38151	4	11.25	198847	20.0
di-p-Tolylacetylene	12.30	2.7	ng	27108	4	11.25	198847	20.0
unknown12.33	12.33	2.4	ng	23495	4	11.25	198847	20.0
Cyclopenta(def)ph...	12.40	2.2	ng	21809	4	11.25	198847	20.0
Pyrene, 1-methyl-	12.91	2.1	ng	50126	5	13.90	483387	20.0
Pyrene, 2-methyl-	13.13	2.9	ng	69418	5	13.90	483387	20.0
Benzo[b]naphtho[2...	13.65	2.0	ng	49602	5	13.90	483387	20.0
11H-Benzo[a]fluor...	13.76	4.2	ng	100202	5	13.90	483387	20.0
Benz[a]anthracene...	14.29	2.5	ng	59368	5	13.90	483387	20.0
9-Octadecenamide,...	14.62	13.6	ng	94385	6	15.33	138690	20.0
unknown14.71	14.71	3.4	ng	23677	6	15.33	138690	20.0
Pyrido[2,3-g]indo...	14.77	2.7	ng	19031	6	15.33	138690	20.0
Benzo[e]pyrene	15.03	6.6	ng	45578	6	15.33	138690	20.0
Perylene	15.22	12.8	ng	88695	6	15.33	138690	20.0
Oxalic acid, 6-et...	15.72	3.6	ng	24711	6	15.33	138690	20.0
unknown16.91	16.91	2.4	ng	16858	6	15.33	138690	20.0