LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118318.D
Acq On : 26 Dec 2019 16:03
Operator : JU
Sample : K6395-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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-BF122419.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	5.045	499	503	518	rVB	404058	468070	11.67%	1.059%
2	5.457	570	573	591	rBV	2254659	2273776	56.68%	5.147%
3	6.481	742	747	764	rBV	2683074	2525300	62.94%	5.716%
4	6.616	766	770	774	rBV	2957874	2635495	65.69%	5.965%
5	6.845	806	809	818	rBV	738960	679462	16.94%	1.538%
6	7.004	832	836	849	rBV	2591428	2075894	51.74%	4.699%
7	7.410	901	905	920	rBV	1569980	1534339	38.24%	3.473%
8	8.133	1025	1028	1044	rBV	1041867	930679	23.20%	2.107%
9	9.216	1207	1212	1215	rBV	3622262	3305548	82.39%	7.482%
10	9.551	1266	1269	1272	rBV	45770	46802	1.17%	0.106%
11	9.610	1276	1279	1286	rVB	297072	278800	6.95%	0.631%
12	9.892	1324	1327	1331	rBV	1213754	1107092	27.60%	2.506%
13	9.928	1331	1333	1337	rVB	115667	91399	2.28%	0.207%
14	10.104	1358	1363	1366	rBV2	63509	68774	1.71%	0.156%
15	10.445	1417	1421	1426	rBV	106123	97404	2.43%	0.220%
16	10.686	1458	1462	1474	rBV	2552187	2361176	58.85%	5.344%
17	10.998	1509	1515	1517	rBV3	43049	65518	1.63%	0.148%
18	11.192	1545	1548	1552	rBV	71702	69782	1.74%	0.158%
19	11.286	1561	1564	1568	rVB	68896	69243	1.73%	0.157%
20	11.386	1578	1581	1583	rBV	1440104	1216505	30.32%	2.753%
21	11.410	1583	1585	1589	rVV	1450339	1276387	31.81%	2.889%
22	11.463	1589	1594	1598	rVB	319697	288433	7.19%	0.653%
23	11.621	1617	1621	1627	rBV2	82835	112806	2.81%	0.255%
24	11.722	1635	1638	1643	rVB3	45215	62056	1.55%	0.140%
25	11.892	1663	1667	1669	rBV	279226	262528	6.54%	0.594%
26	11.916	1669	1671	1677	rVV2	497562	562918	14.03%	1.274%
27	11.969	1677	1680	1682	rVV	130885	124331	3.10%	0.281%
28	12.004	1682	1686	1688	rVV2	340647	387576	9.66%	0.877%
29	12.027	1688	1690	1696	rVB	200531	173604	4.33%	0.393%
30	12.186	1714	1717	1720	rBV	151154	127332	3.17%	0.288%
31	12.216	1720	1722	1727	rVB	97435	99087	2.47%	0.224%
32	12.333	1738	1742	1745	rBV2	91925	105606	2.63%	0.239%
33	12.369	1745	1748	1750	rVB	70005	52925	1.32%	0.120%
34	12.445	1757	1761	1763	rBV	178068	178197	4.44%	0.403%

LSC Area Percent Report

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Operator : JU
Sample : K6395-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.480	1763	1767	1769	rVV2	105687	155692	3.88%	0.352%
36	12.533	1773	1776	1780	rVB3	126334	143940	3.59%	0.326%
37	12.610	1785	1789	1792	rBV	1690391	1463026	36.47%	3.311%
38	12.669	1797	1799	1802	rVB2	56102	53932	1.34%	0.122%
39	12.704	1802	1805	1807	rBV2	100282	107029	2.67%	0.242%
40	12.757	1809	1814	1817	rVB3	51253	86418	2.15%	0.196%
41	12.839	1822	1828	1834	rBV	1543346	1626793	40.55%	3.682%
42	12.892	1834	1837	1841	rVB2	91525	113254	2.82%	0.256%
43	12.980	1843	1852	1855	rBV	4519155	4011916	100.00%	9.081%
44	13.057	1861	1865	1870	rBV3	128284	215224	5.36%	0.487%
45	13.116	1872	1875	1877	rVV	57740	56367	1.40%	0.128%
46	13.145	1877	1880	1881	rVV2	105044	121901	3.04%	0.276%
47	13.163	1881	1883	1887	rVB	156785	161529	4.03%	0.366%
48	13.233	1892	1895	1897	rBV	76731	59963	1.49%	0.136%
49	13.268	1897	1901	1904	rBV2	174204	182040	4.54%	0.412%
50	13.363	1914	1917	1920	rBV	118757	116694	2.91%	0.264%
51	13.392	1920	1922	1926	rVV	106679	109513	2.73%	0.248%
52	13.545	1945	1948	1950	rBV3	67659	69954	1.74%	0.158%
53	13.680	1968	1971	1978	rVB	156571	191812	4.78%	0.434%
54	13.786	1984	1989	1992	rBV	129305	161092	4.02%	0.365%
55	13.815	1992	1994	1996	rVV	131019	104864	2.61%	0.237%
56	13.839	1996	1998	2001	rVV	87613	110899	2.76%	0.251%
57	13.880	2001	2005	2014	rVB3	200365	385894	9.62%	0.873%
58	14.039	2024	2032	2035	rBV2	1315879	1834811	45.73%	4.153%
59	14.068	2035	2037	2045	rVB	591762	540601	13.47%	1.224%
60	14.145	2048	2050	2053	rVB	64020	49505	1.23%	0.112%
61	14.192	2056	2058	2063	rBV2	170087	186085	4.64%	0.421%
62	14.392	2090	2092	2094	rBV	57060	55667	1.39%	0.126%
63	14.433	2094	2099	2101	rVV2	176270	203181	5.06%	0.460%
64	14.463	2101	2104	2107	rVV	96895	106795	2.66%	0.242%
65	14.504	2107	2111	2114	rVV2	298852	319601	7.97%	0.723%
66	14.557	2117	2120	2122	rVV	89572	91811	2.29%	0.208%
67	14.580	2122	2124	2127	rVV2	67714	60684	1.51%	0.137%
68	14.627	2130	2132	2135	rVB	46385	45573	1.14%	0.103%
69	14.810	2160	2163	2170	rVB	247335	260216	6.49%	0.589%
70	14.933	2180	2184	2191	rVB3	53974	74641	1.86%	0.169%
71	15.098	2207	2212	2215	rBV	465488	720827	17.97%	1.632%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	15.157	2219	2222	2227	rVB2	253733	296659	7.39%	0.671%
73	15.204	2227	2230	2234	rVB	87755	87265	2.18%	0.198%
74	15.292	2242	2245	2248	rBV4	30470	45818	1.14%	0.104%
75	15.404	2260	2264	2270	rVB	307659	392803	9.79%	0.889%
76	15.468	2270	2275	2280	rBV	417625	526573	13.13%	1.192%
77	15.533	2280	2286	2298	rBV2	925368	1435770	35.79%	3.250%
78	15.980	2357	2362	2367	rBV	154295	240627	6.00%	0.545%
79	16.492	2445	2449	2454	rVB2	71500	120397	3.00%	0.273%
80	17.027	2533	2540	2546	rBV2	176549	367994	9.17%	0.833%
81	17.098	2548	2552	2557	rVB5	35782	71780	1.79%	0.162%
82	17.203	2562	2570	2576	rBV2	45585	114965	2.87%	0.260%
83	17.268	2576	2581	2585	rVB5	30715	56477	1.41%	0.128%
84	17.474	2610	2616	2627	rBV	139983	292502	7.29%	0.662%
85	17.727	2654	2659	2664	rBV2	26152	56113	1.40%	0.127%

Sum of corrected areas: 44180331

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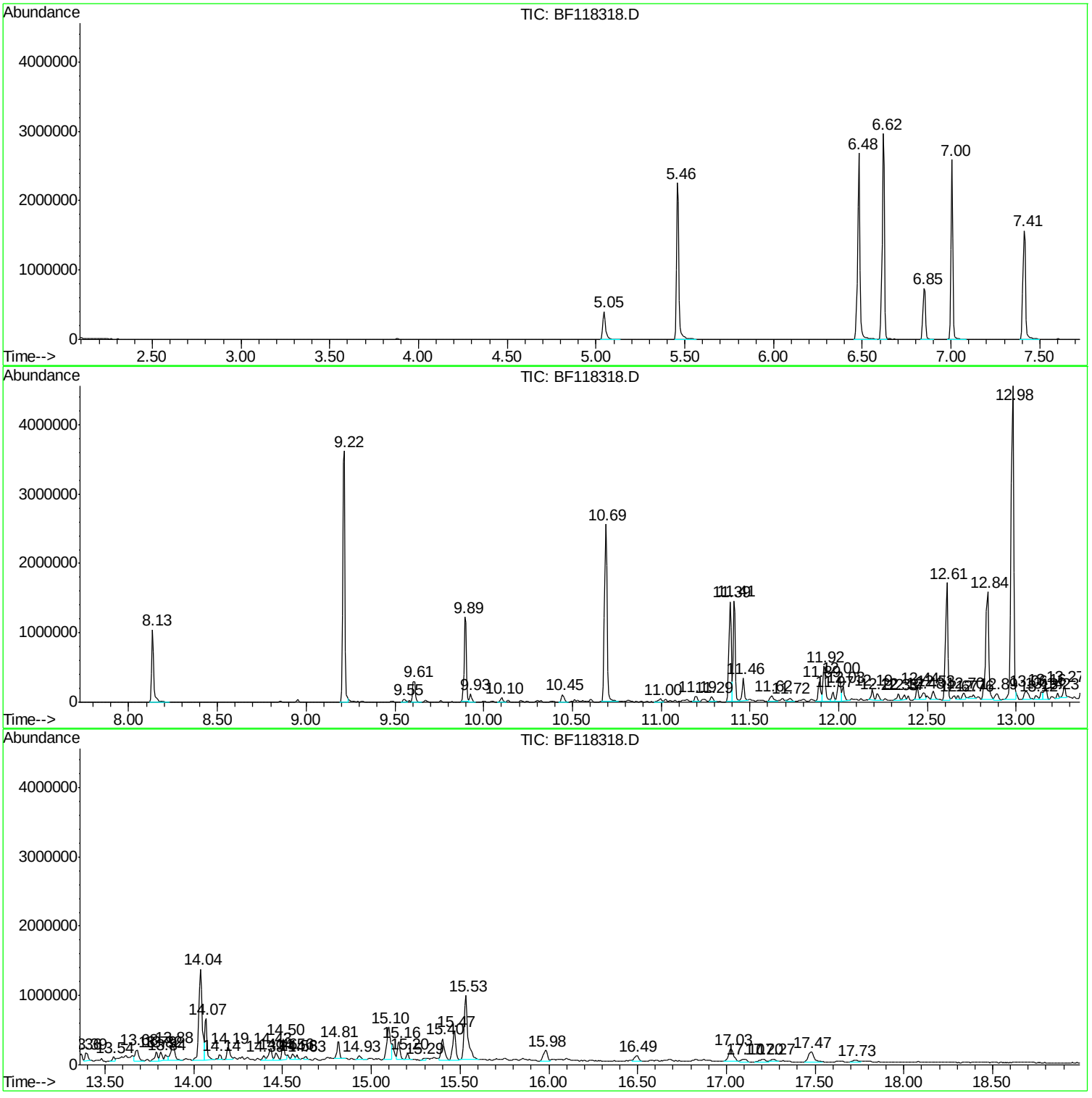
Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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\BF122619\
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Acq On : 26 Dec 2019 16:03
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Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

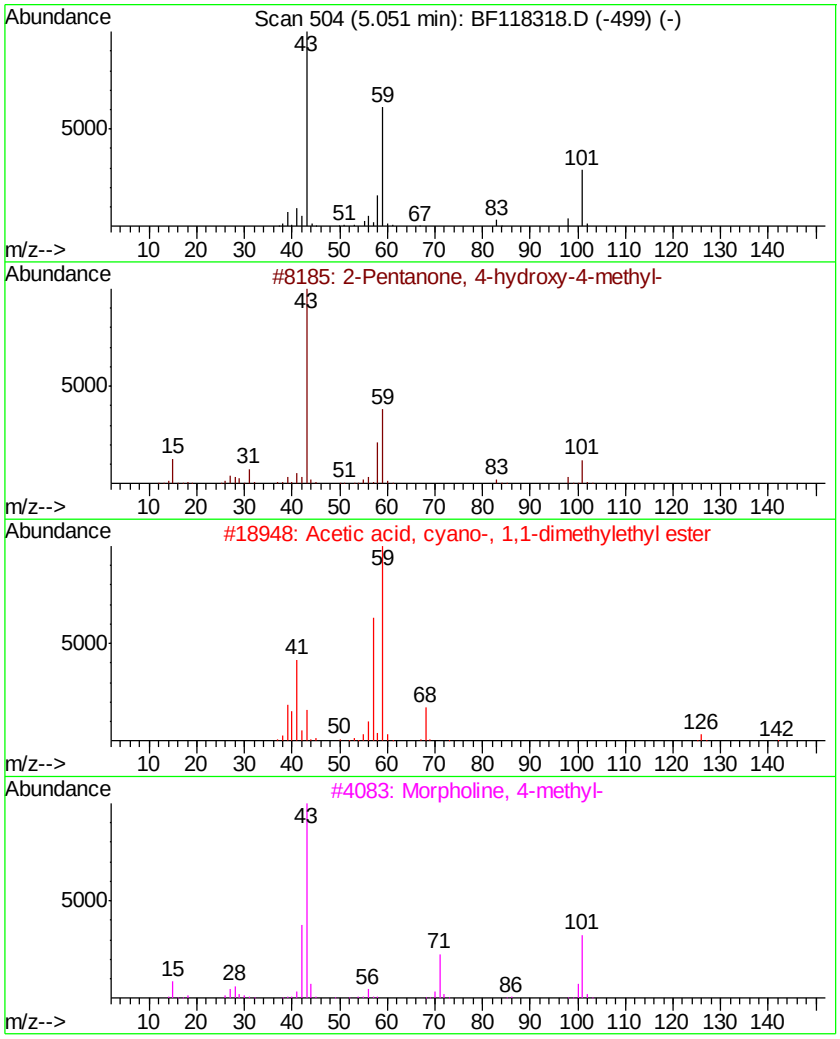
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

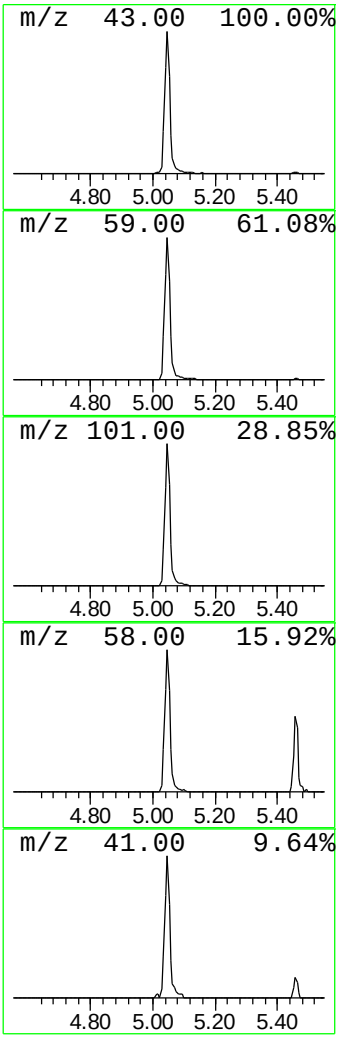
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	13.78 ng	468070	1,4-Dichlorobenzene-d4	6.85

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	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

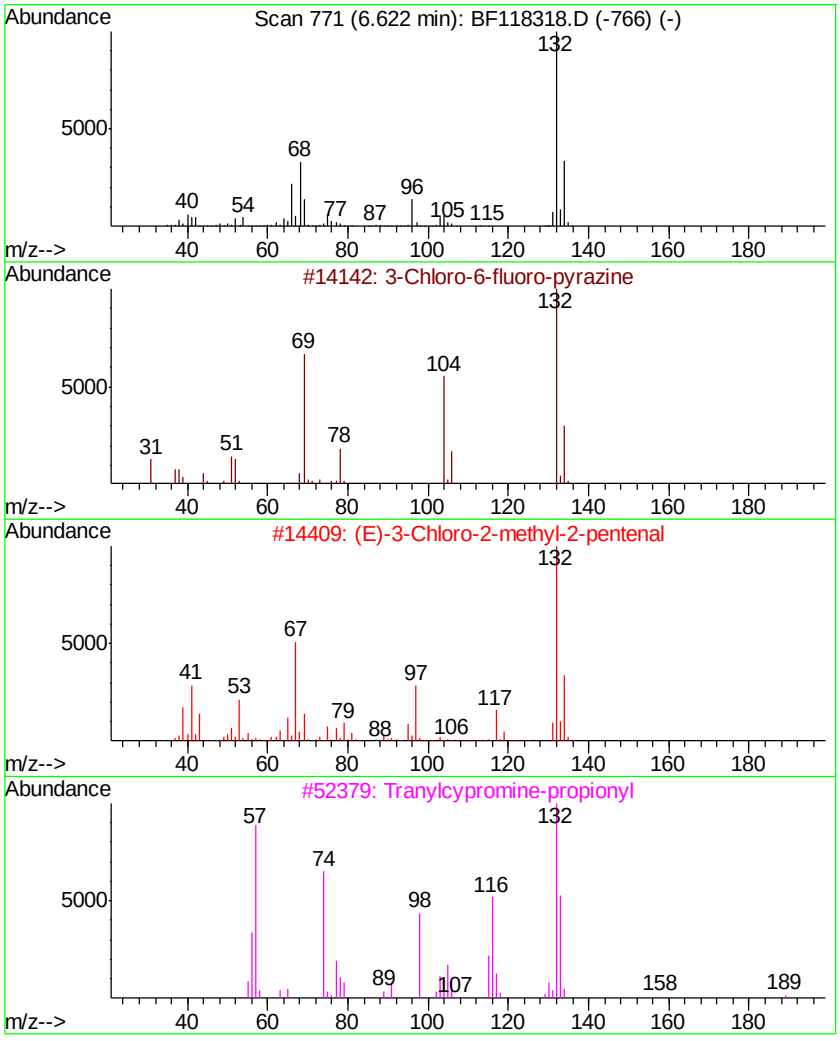
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

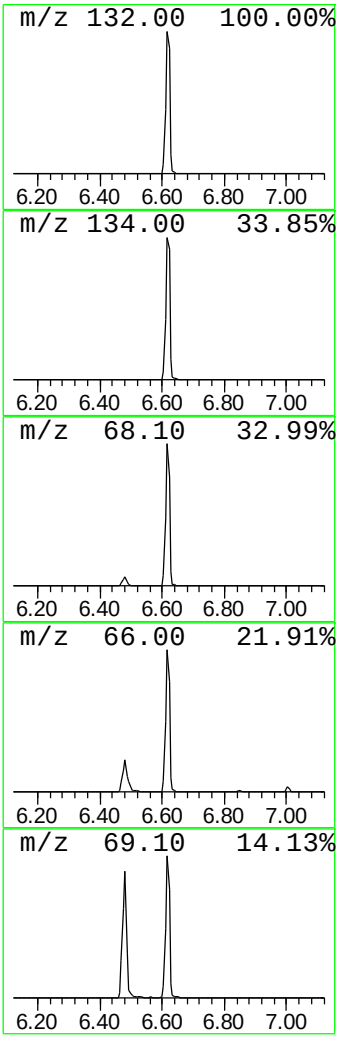
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	77.58 ng	2635500	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
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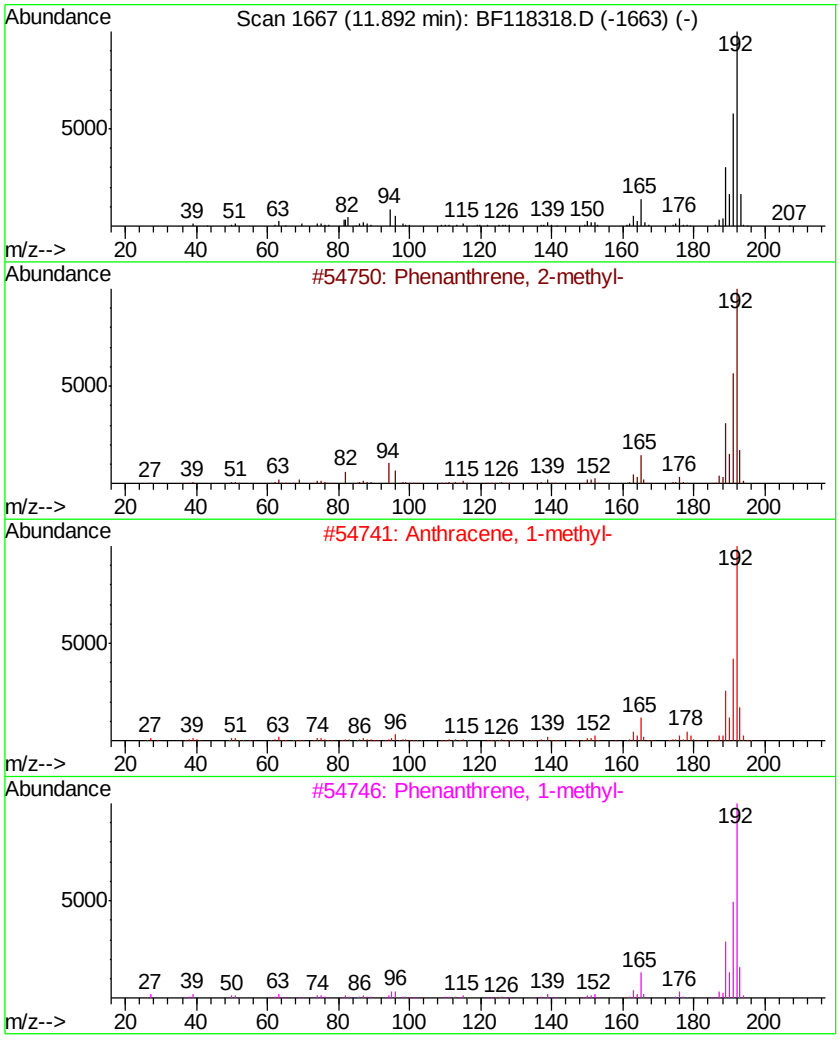
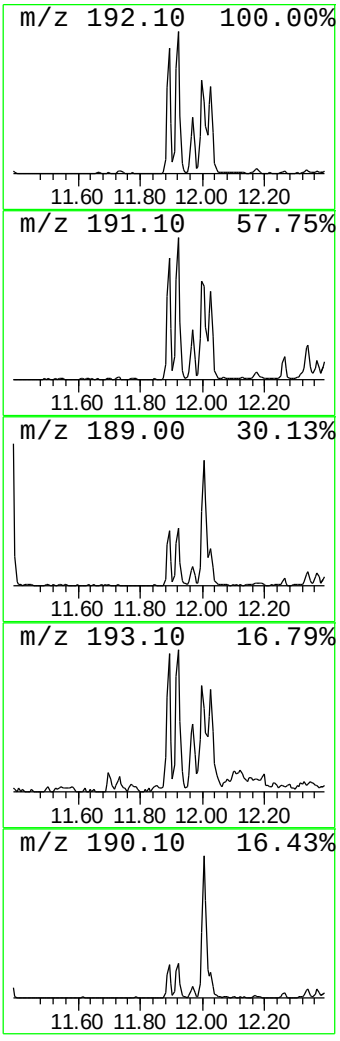
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.32 ng	262528	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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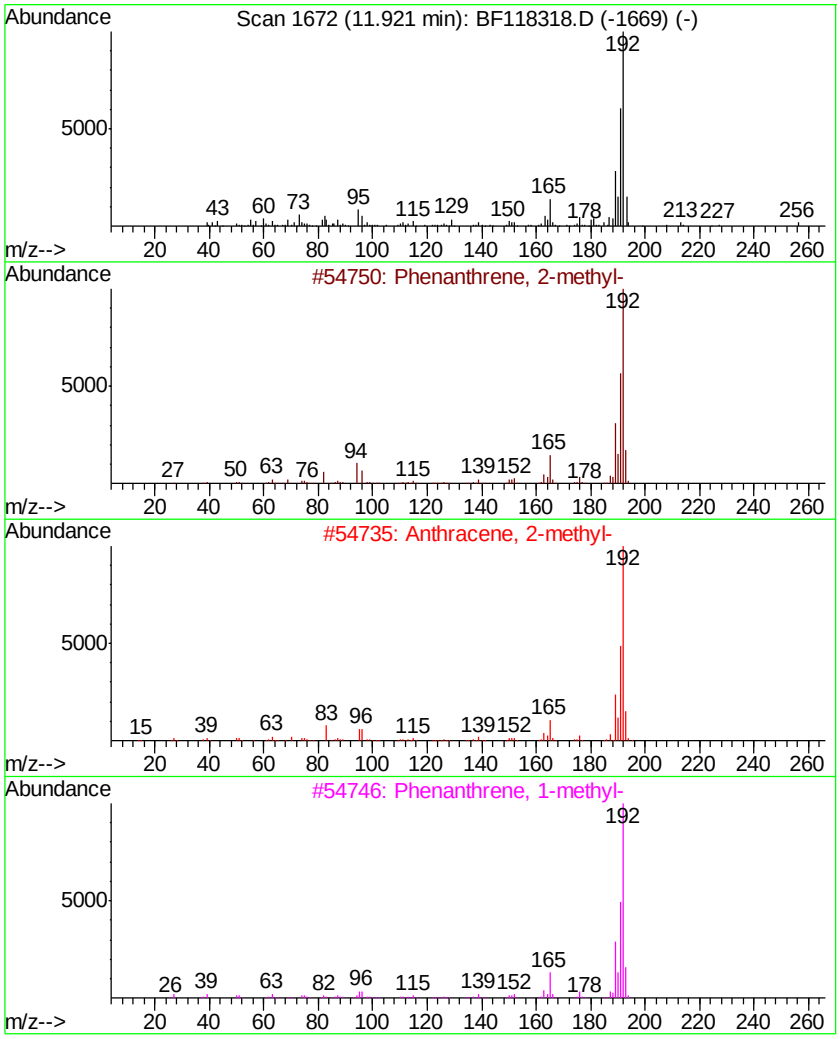
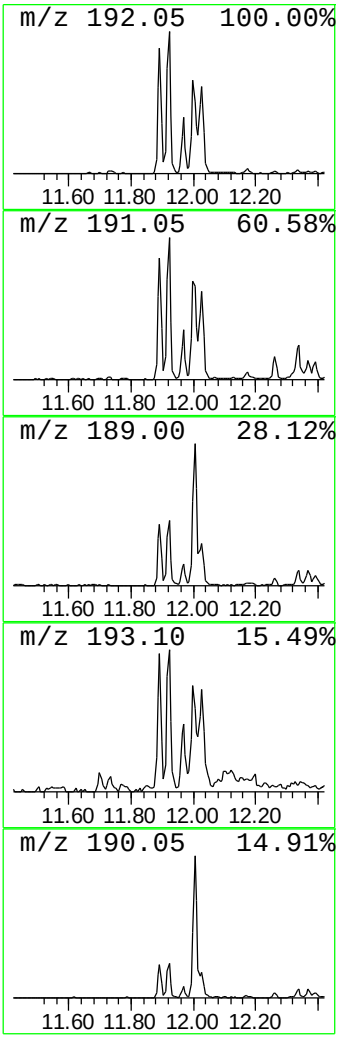
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	9.25 ng	562918	Phenanthrene-d10	11.39

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

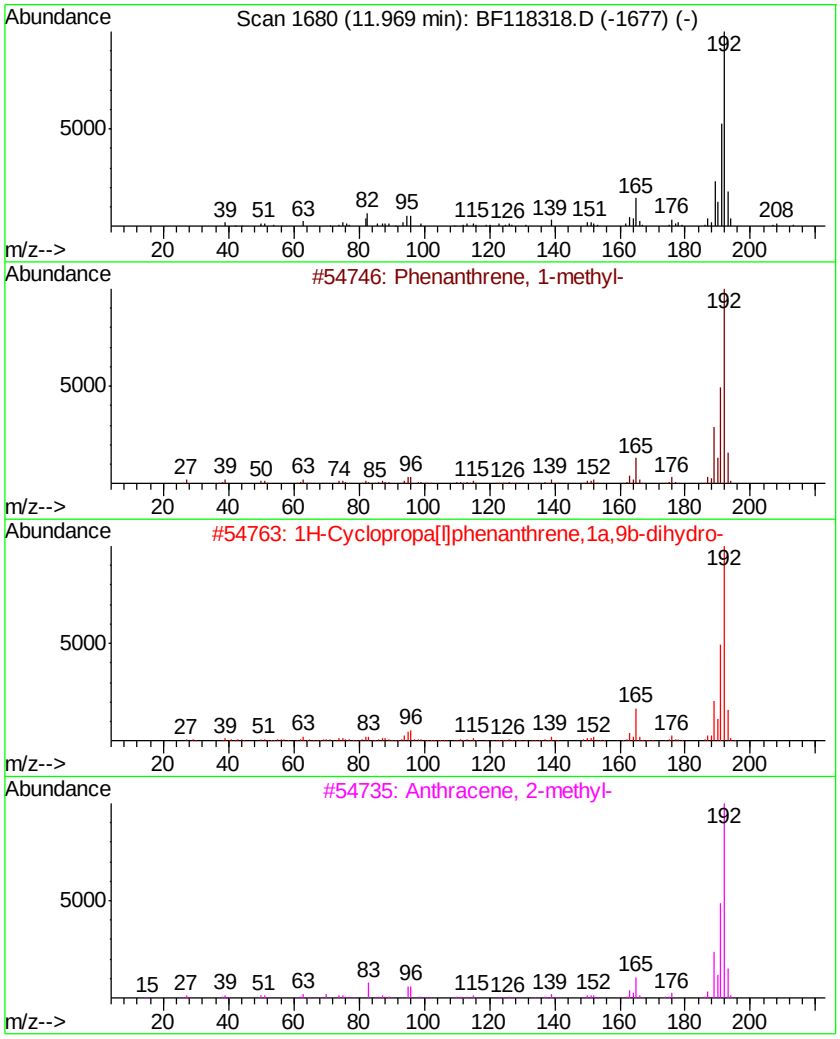
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

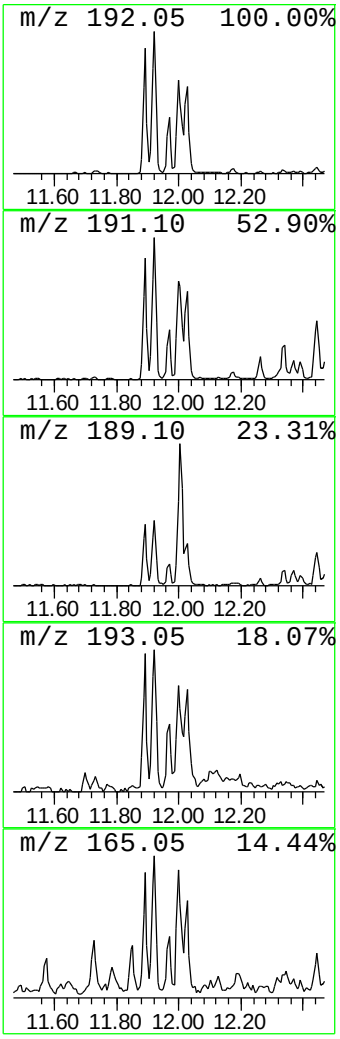
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.04 ng	124331	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118318.D
Acq On : 26 Dec 2019 16:03
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Sample : K6395-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

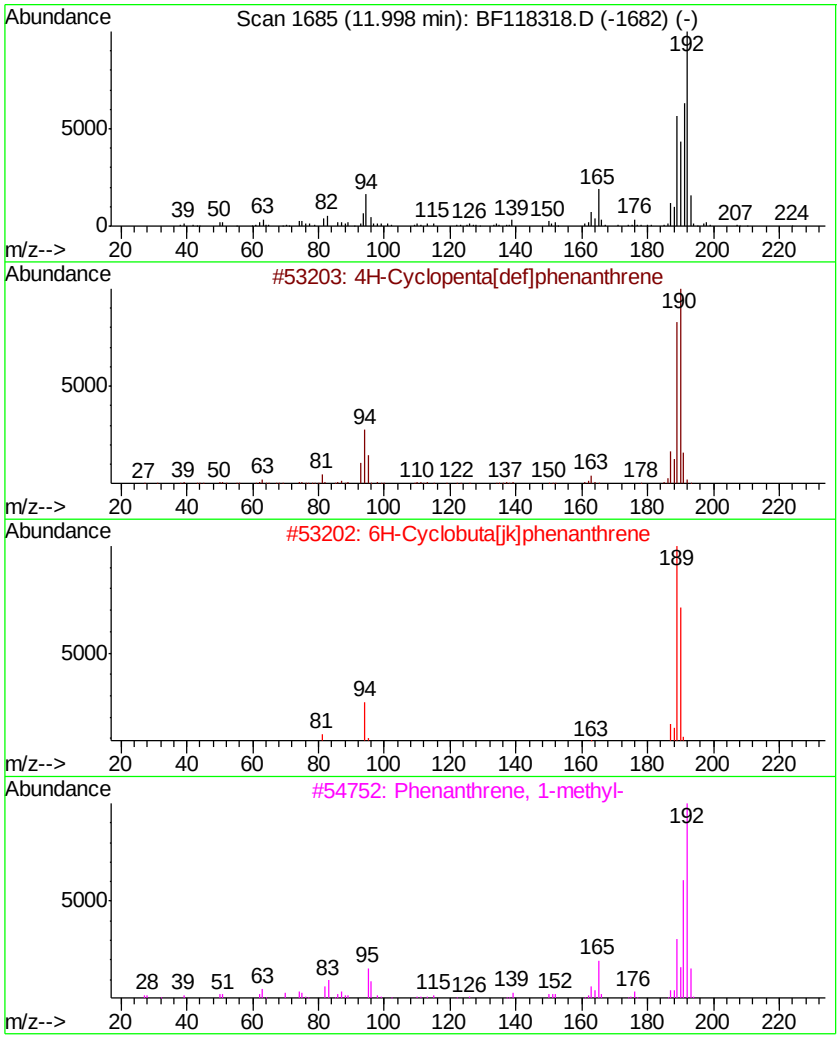
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

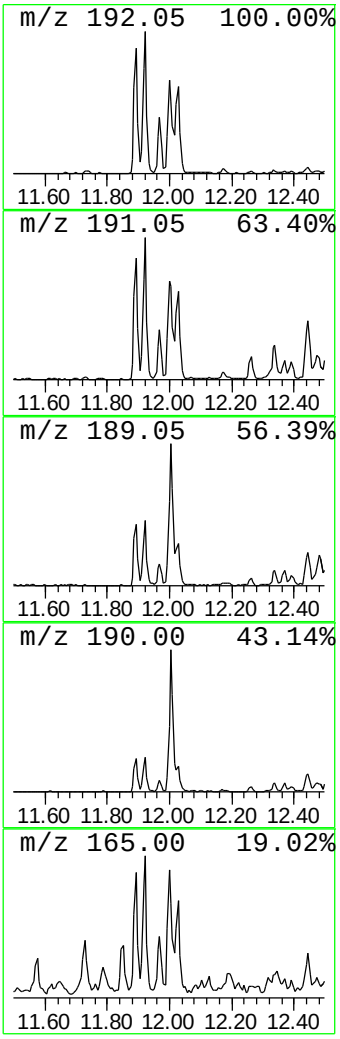
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.37 ng	387576	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





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Acq On : 26 Dec 2019 16:03
Operator : JU
Sample : K6395-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-1

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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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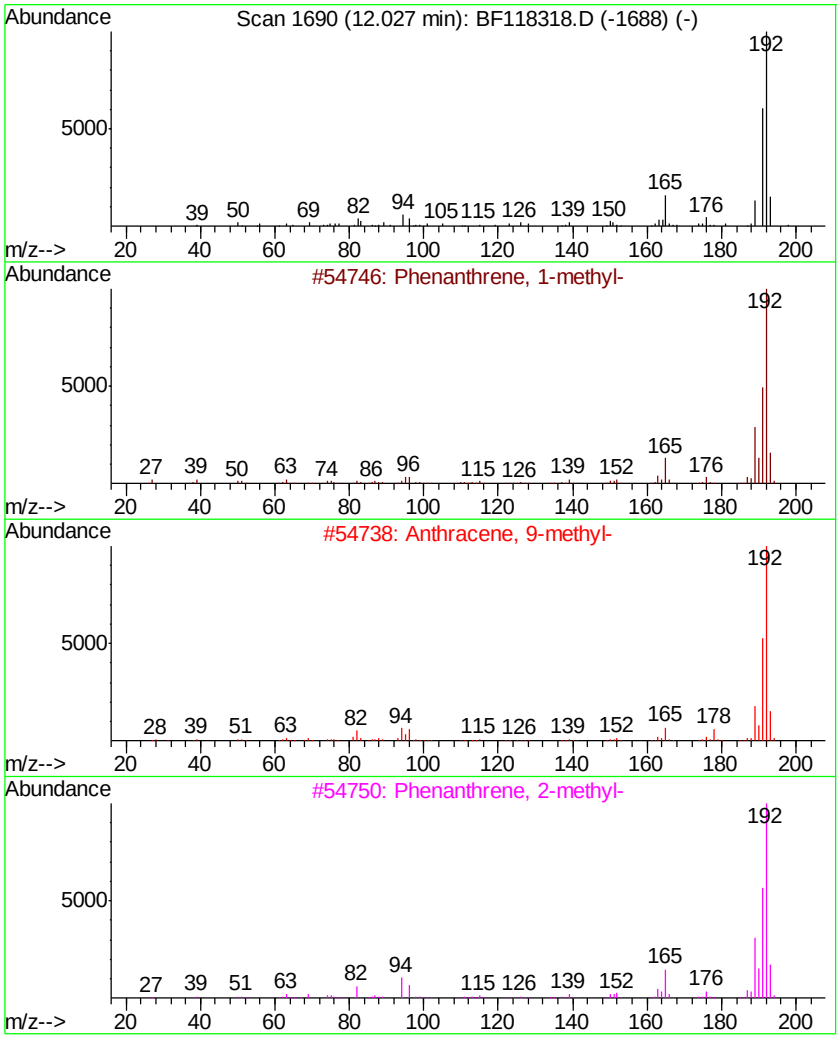
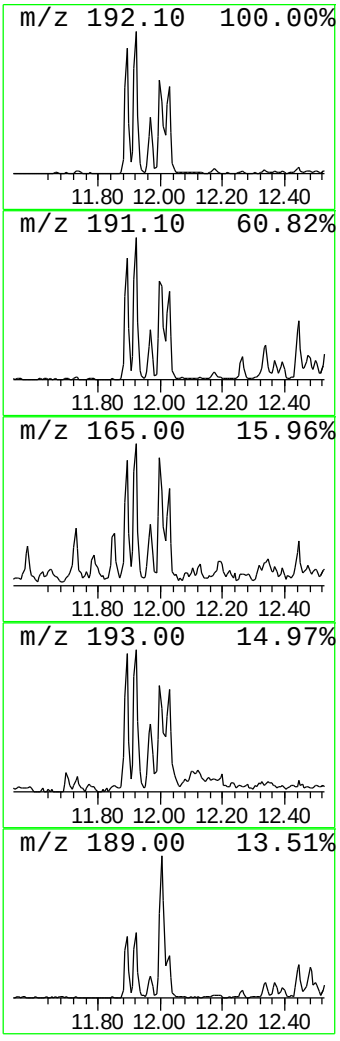
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.85 ng	173604	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	83





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Sample : K6395-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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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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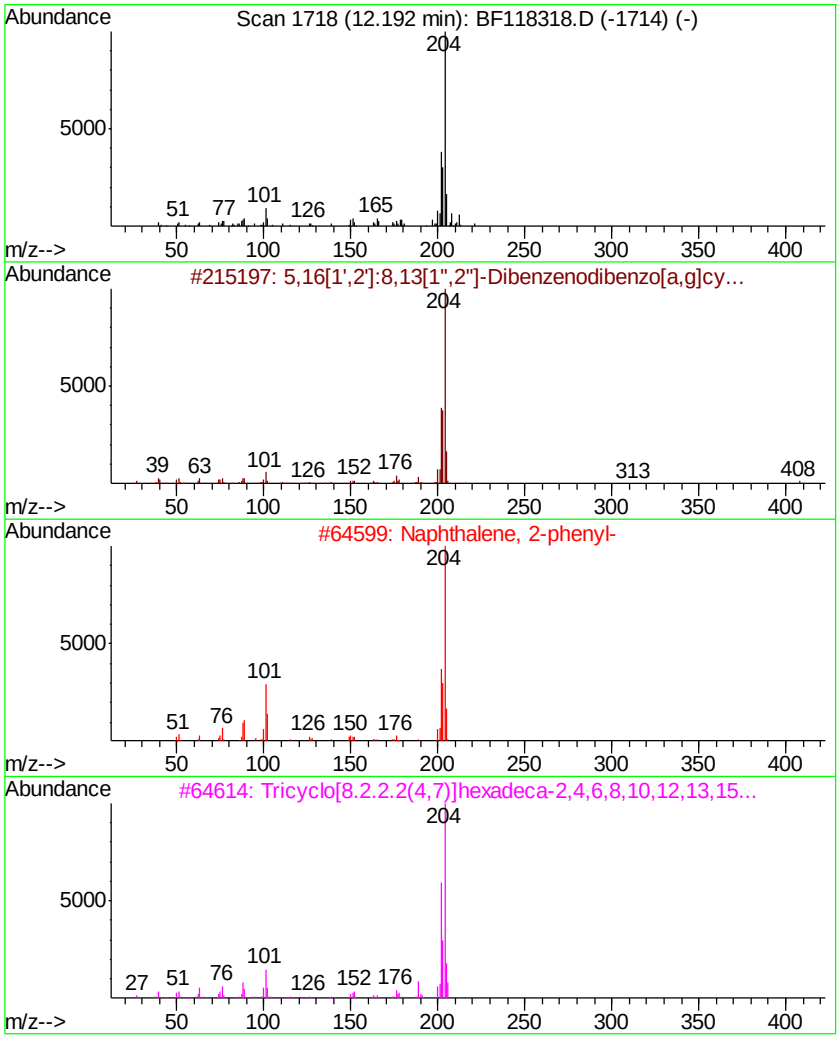
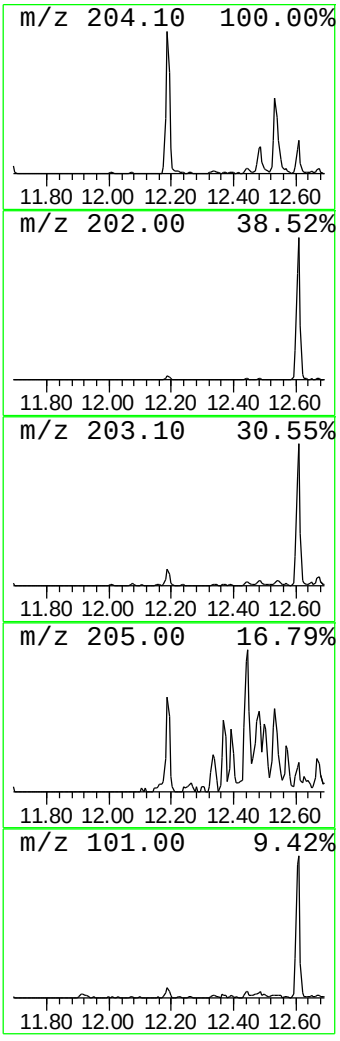
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.09 ng	127332	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	55





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ClientSampleId : TP-1

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

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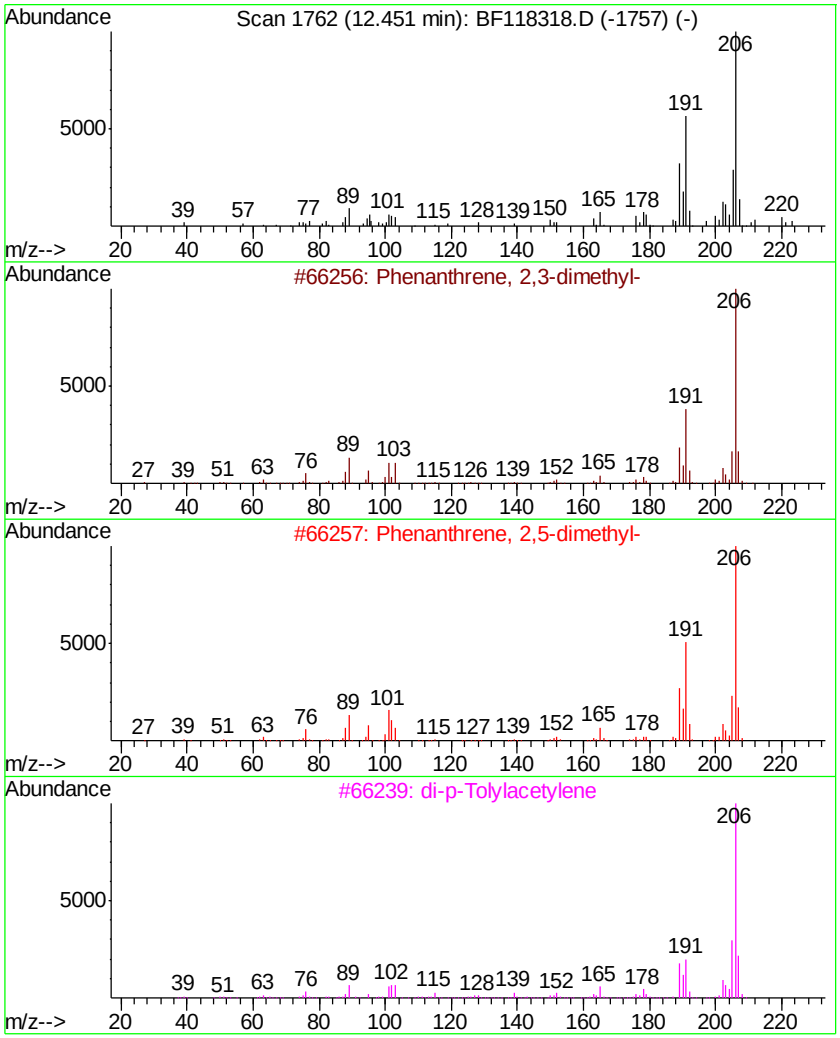
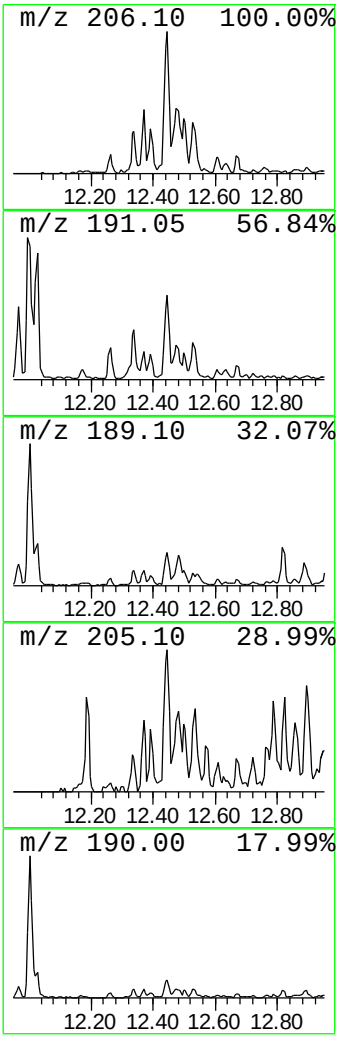
Peak Number 10 Phenanthrene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.93 ng	178197	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





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Instrument : BNA_F
ClientSampleId : TP-1

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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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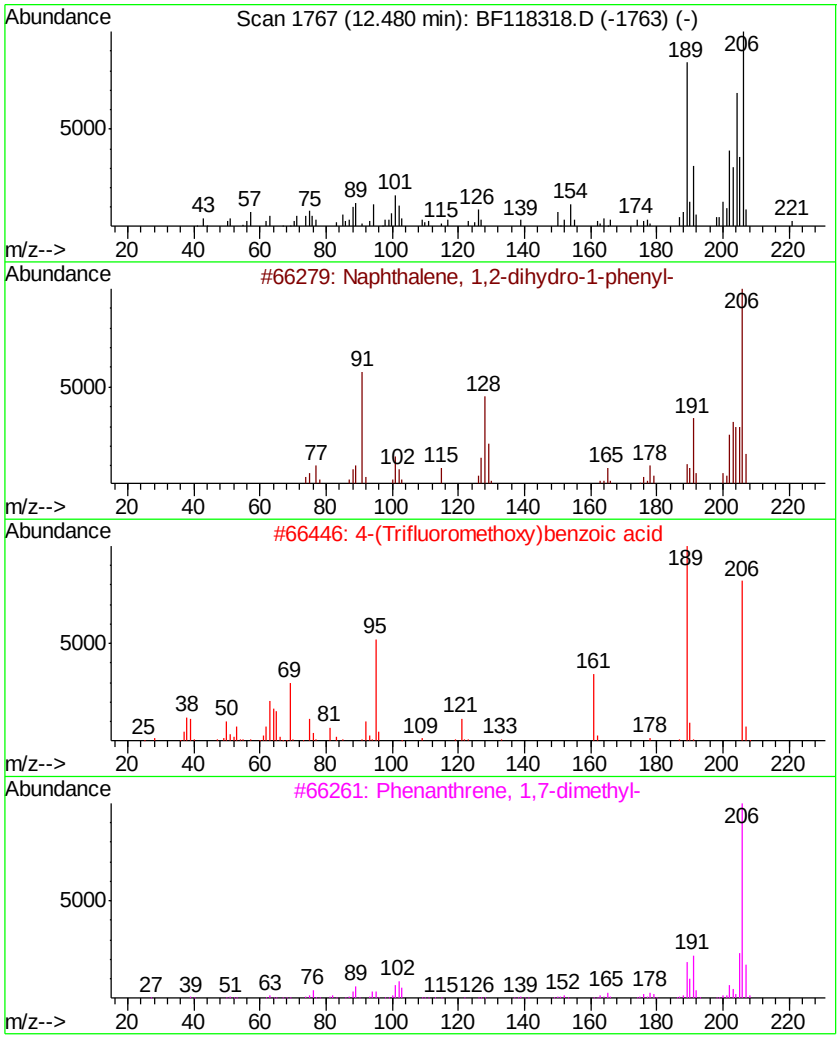
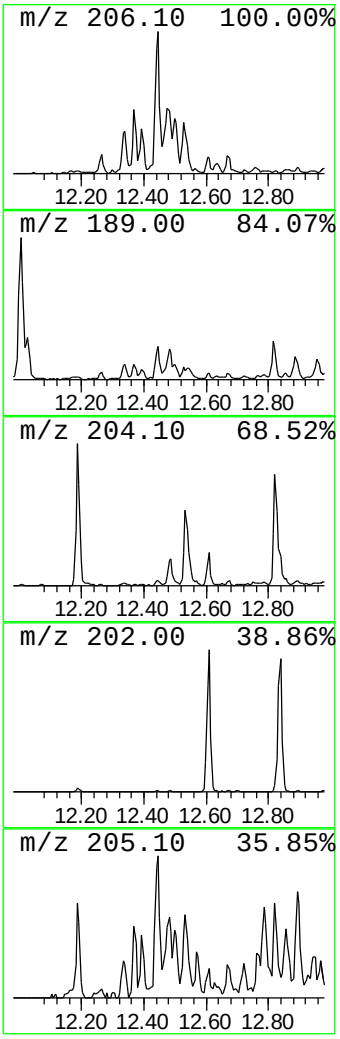
Peak Number 11 unknown12.48 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.56 ng	155692	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	42
2	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	38
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	30
4	4-Bromo-2-fluoroanisole	204	C7H6BrFO	002357-52-0	30
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30





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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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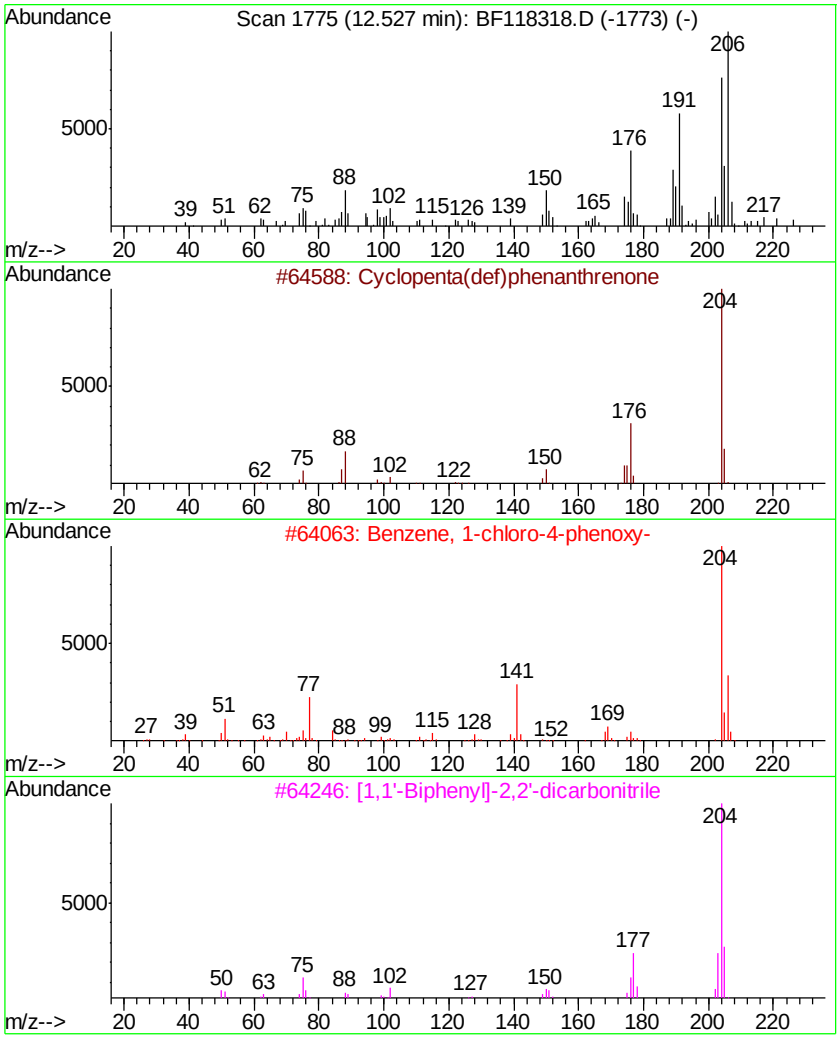
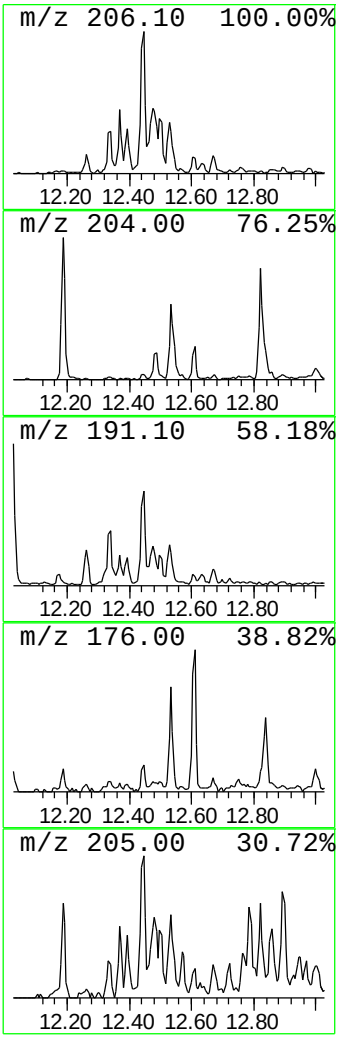
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.37 ng	143940	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	43
5	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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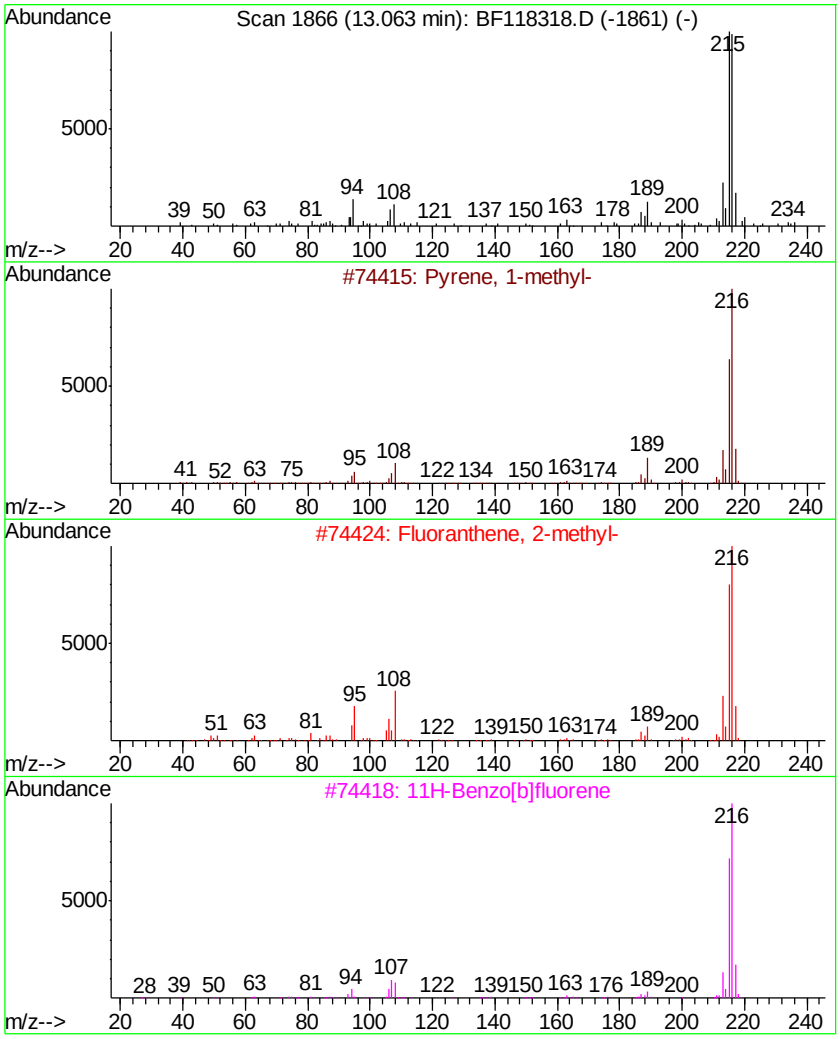
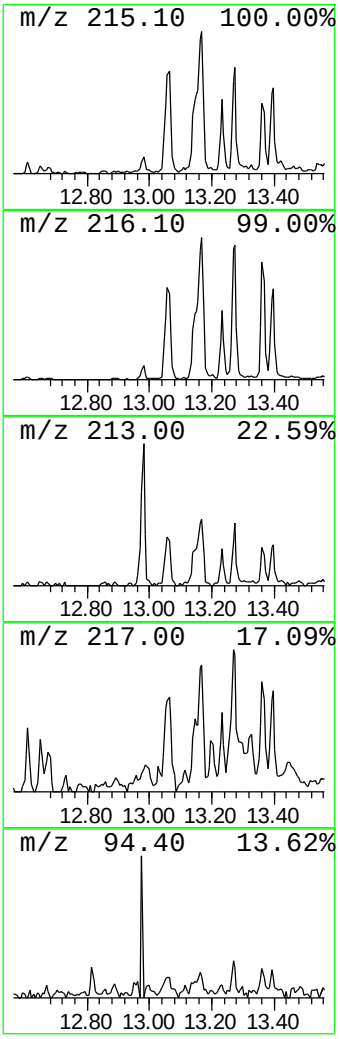
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.35 ng	215224	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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Sample : K6395-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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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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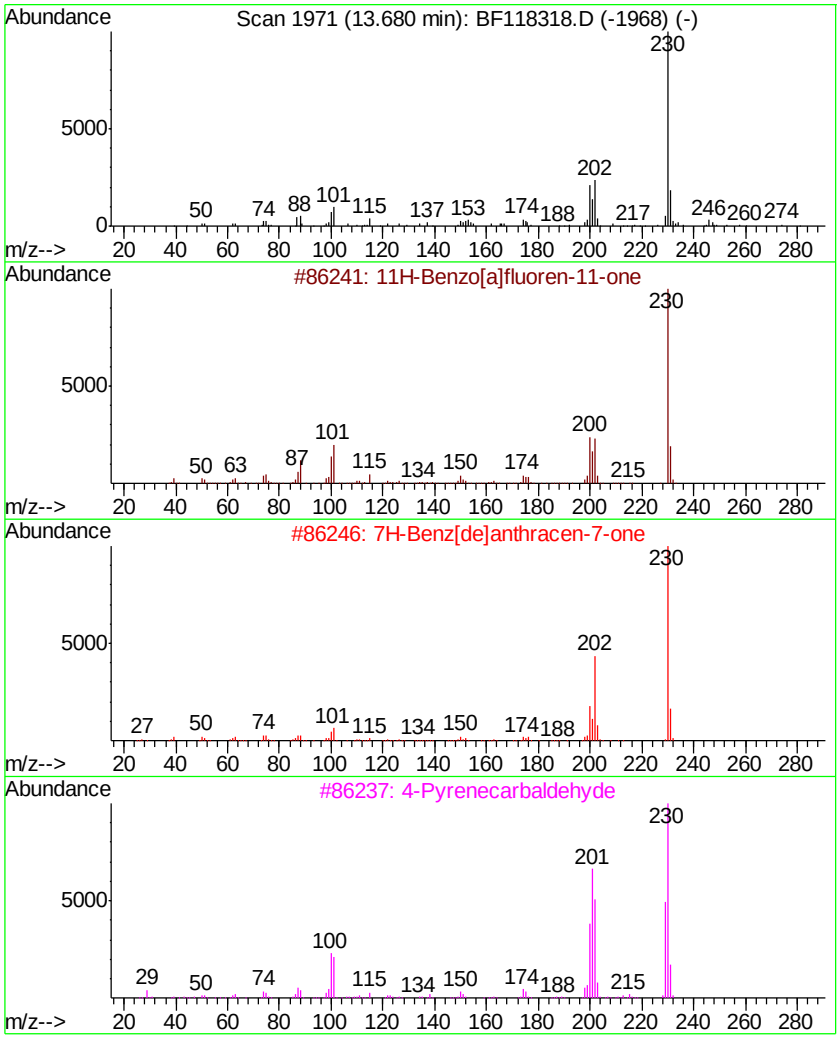
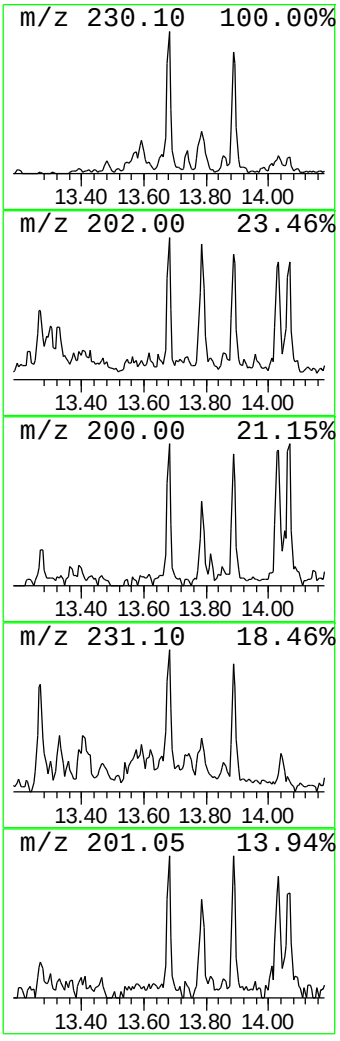
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.09 ng	191812	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	74
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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Instrument : BNA_F
ClientSampleId : TP-1

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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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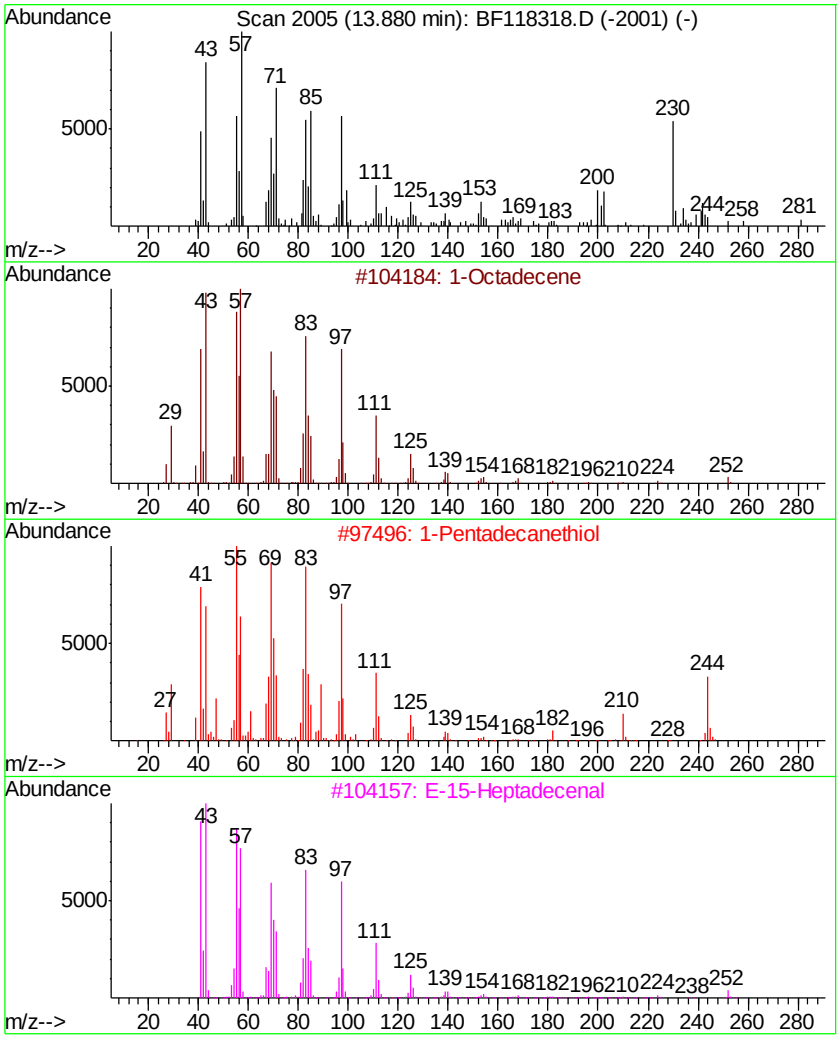
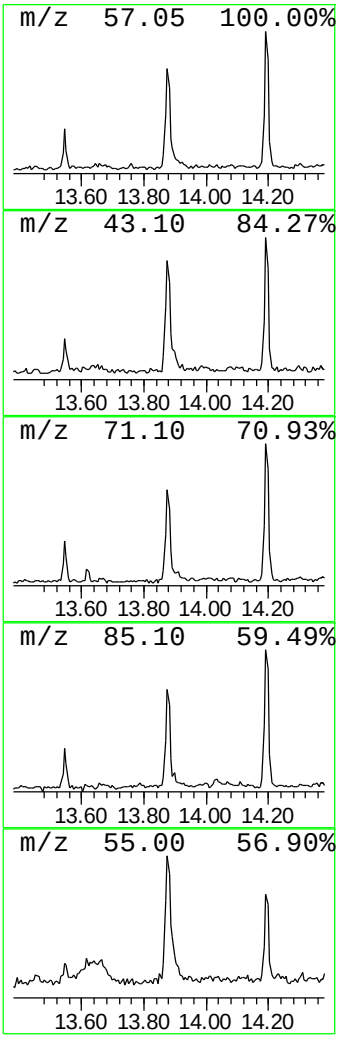
Peak Number 15 1-Octadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	4.21 ng	385894	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	1-Pentadecanethiol	244	C15H32S	025276-70-4	90
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	83
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	60
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	60





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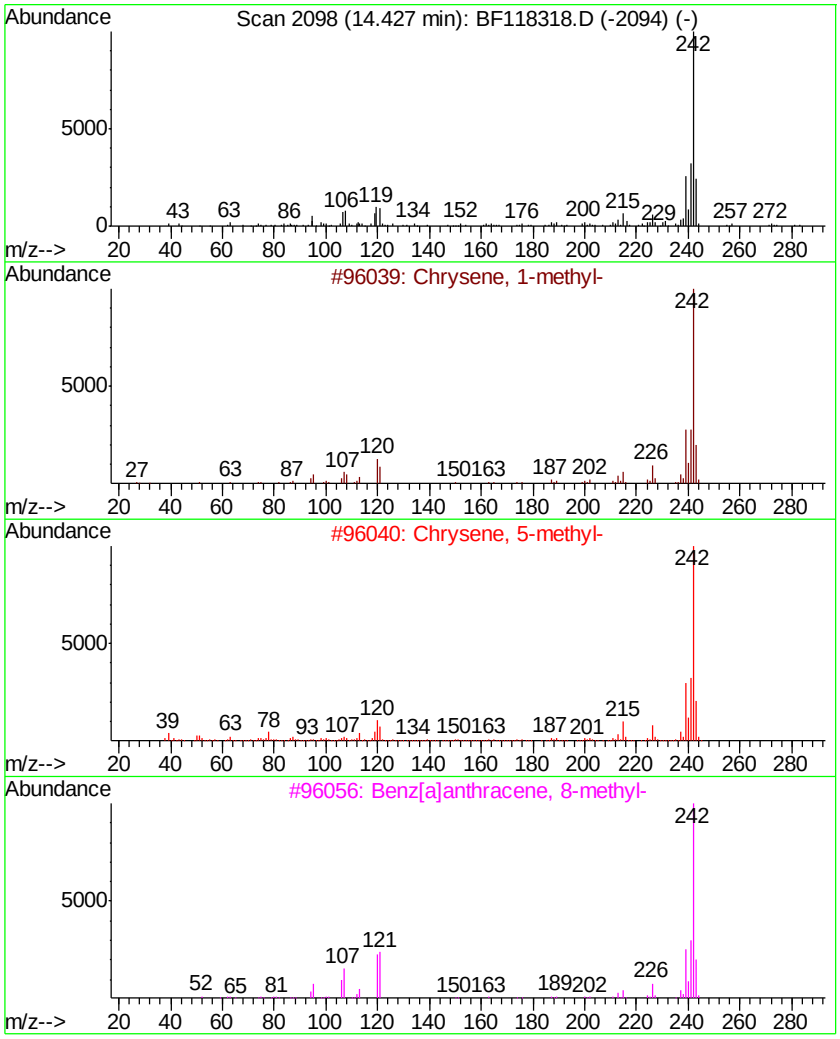
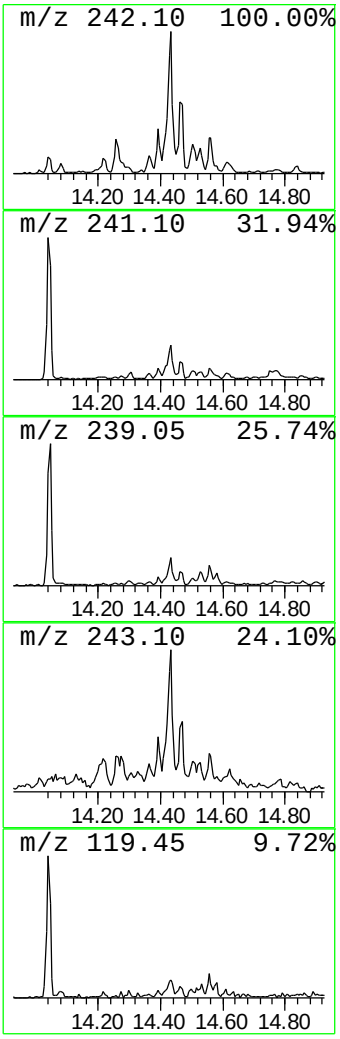
Peak Number 16 Chrysene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.21 ng	203181	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90





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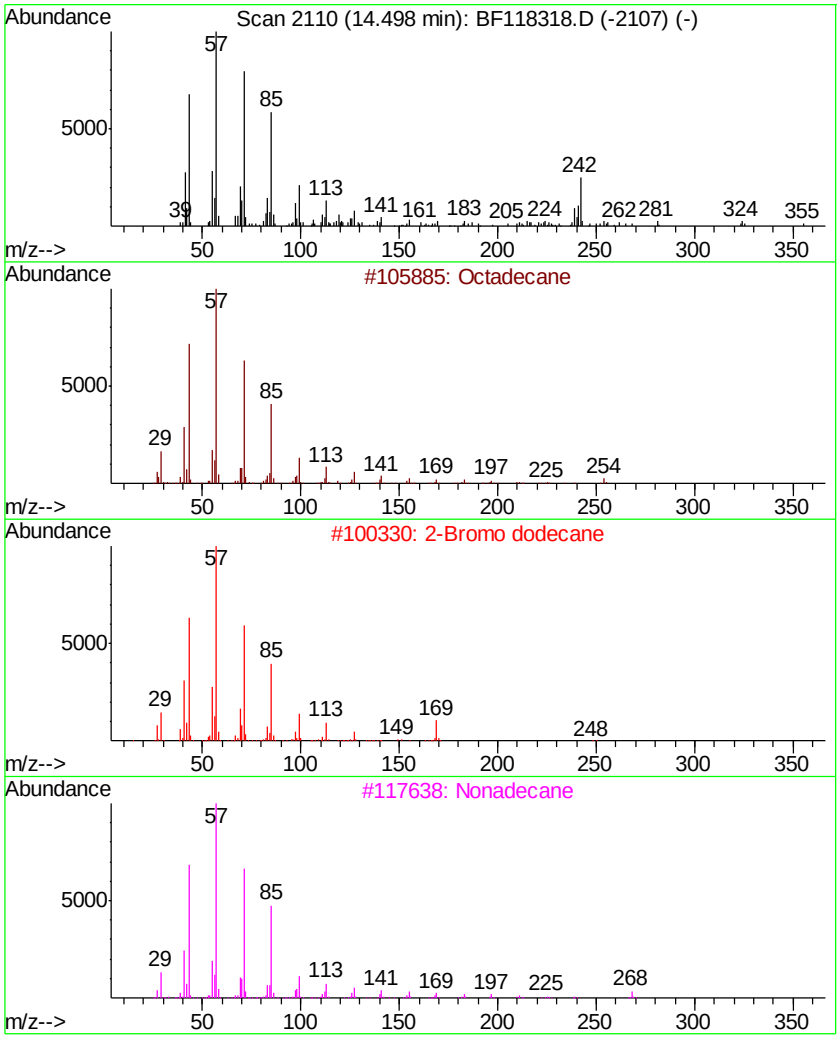
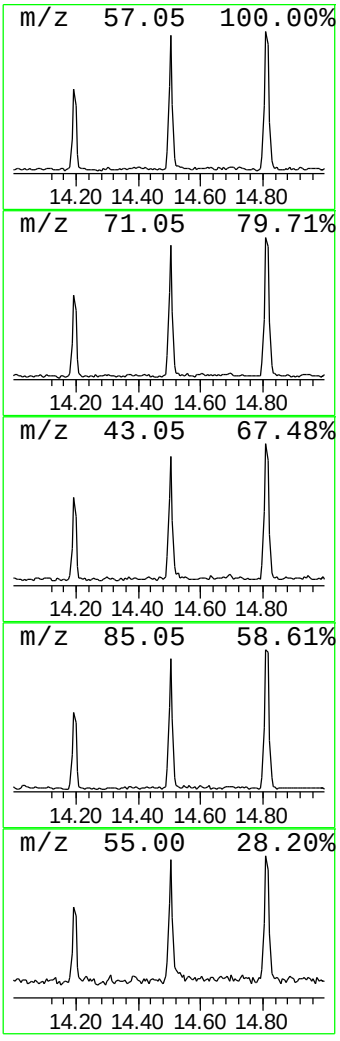
Peak Number 17 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.48 ng	319601	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptadecane	240	C17H36	000629-78-7	86





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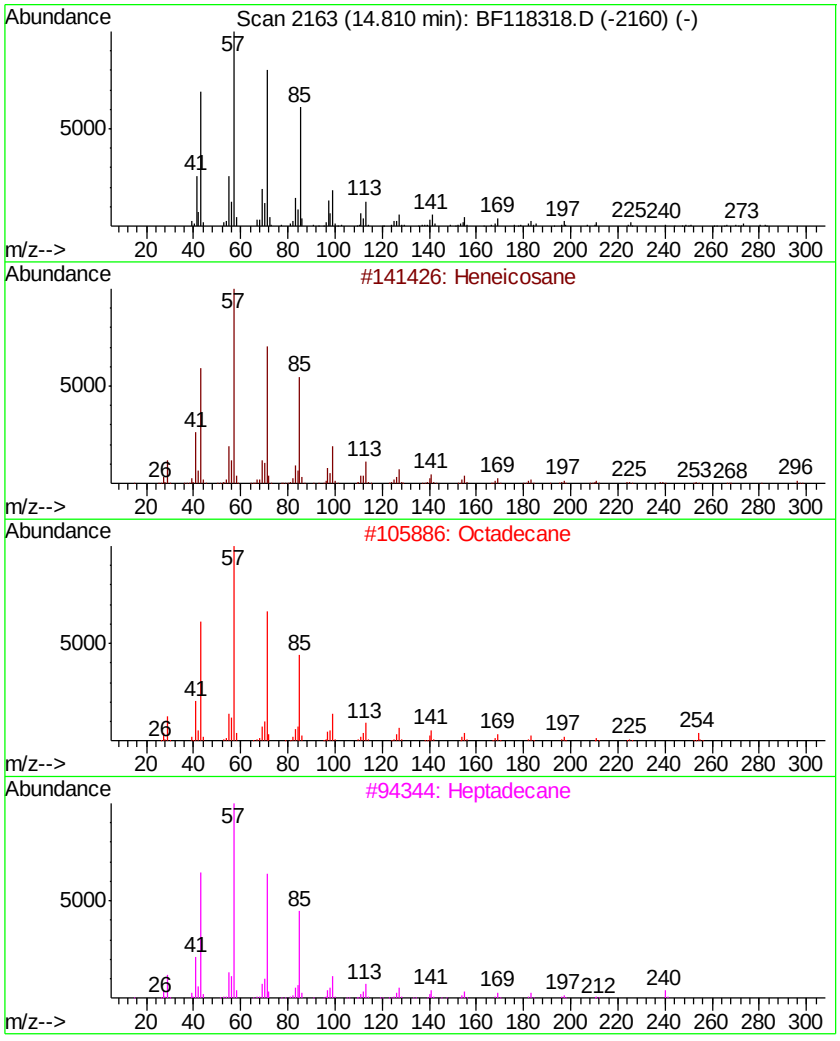
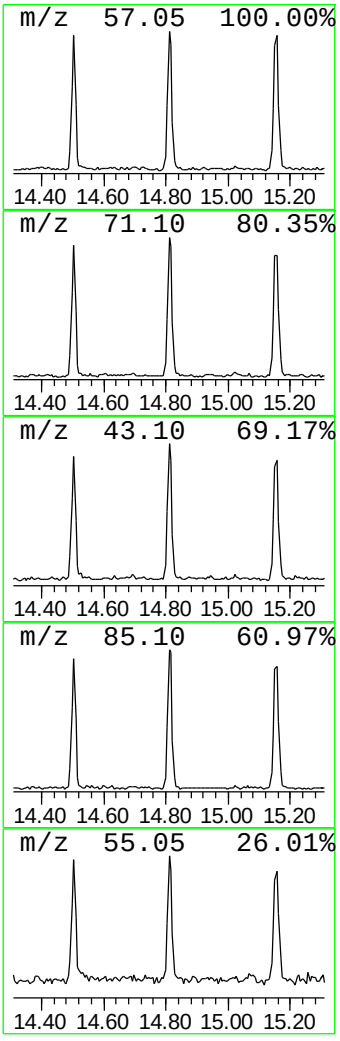
Peak Number 18 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.62 ng	260216	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Triacontane	422	C30H62	000638-68-6	91





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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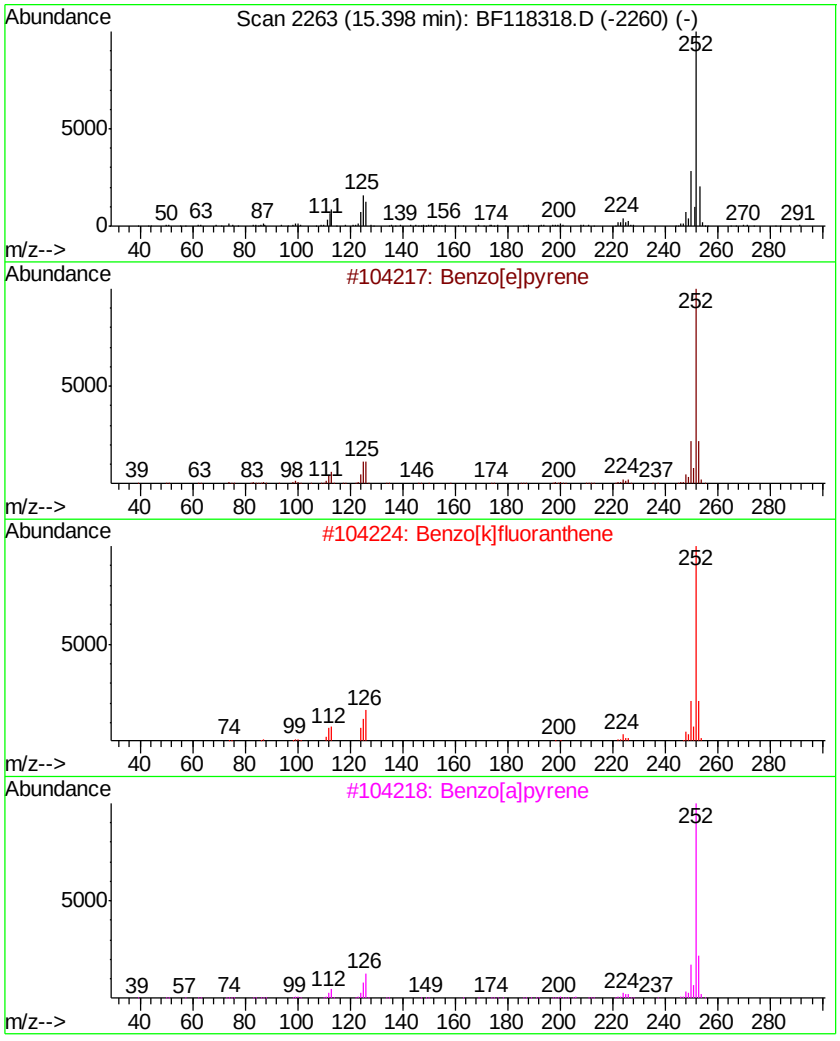
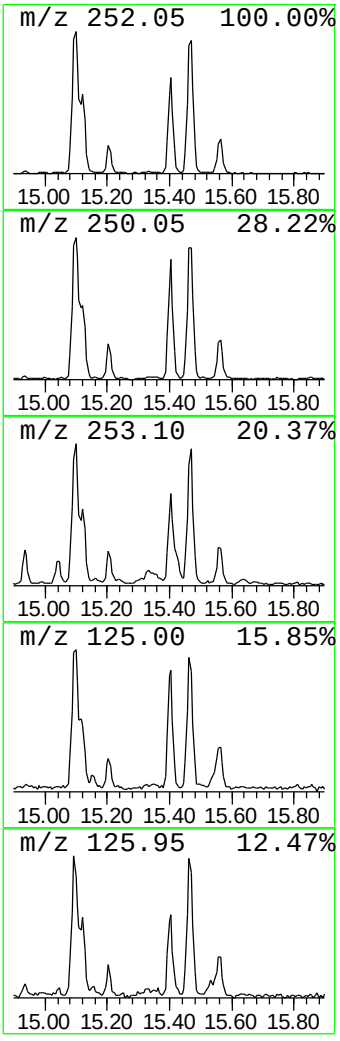
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	5.47 ng	392803	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118318.D
Acq On : 26 Dec 2019 16:03
Operator : JU
Sample : K6395-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

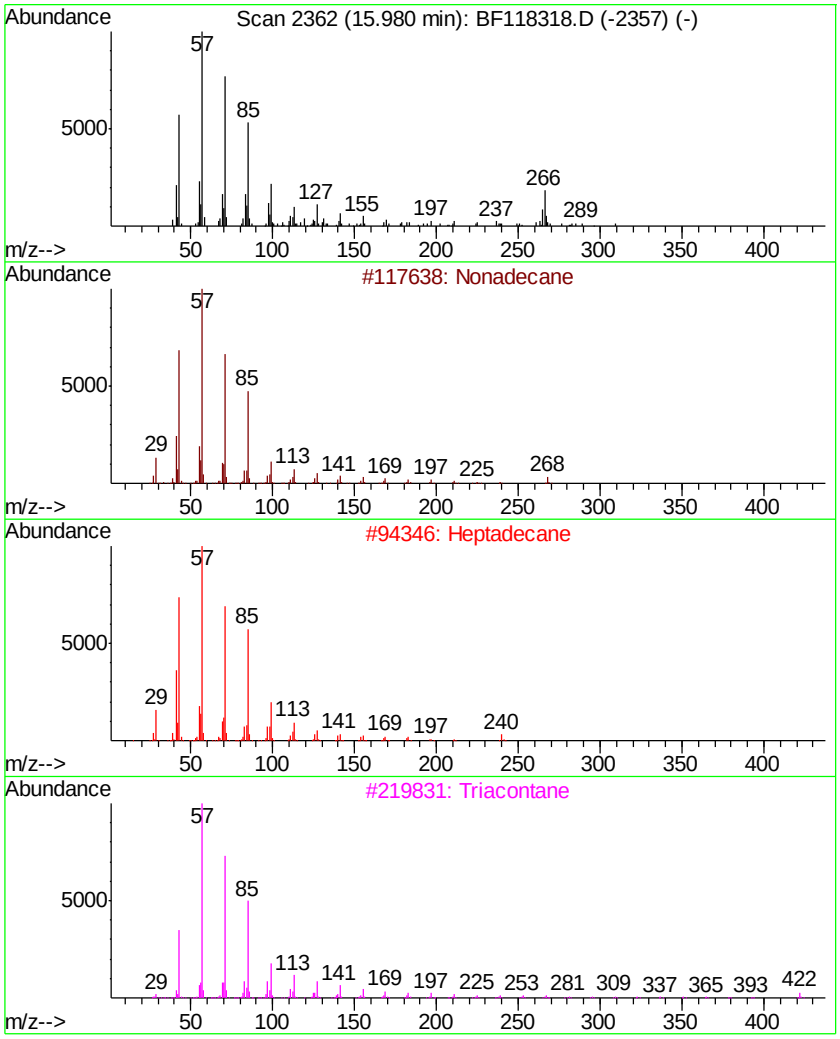
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

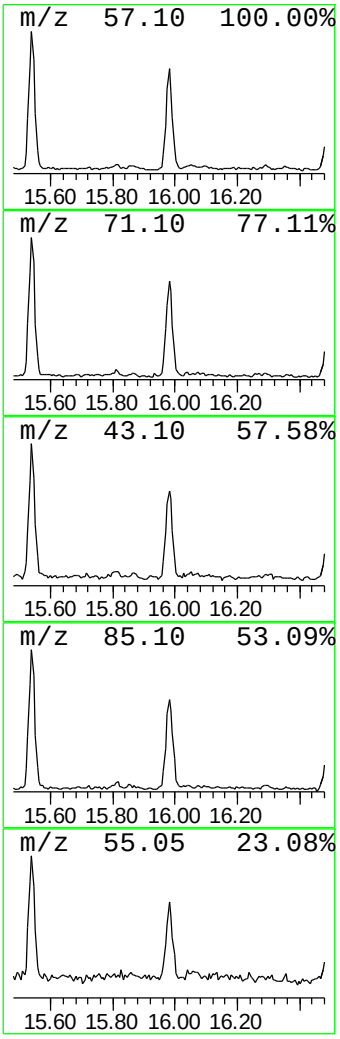
****

Peak Number 20 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.35 ng	240627	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heptadecane	240	C17H36	000629-78-7	94
3	Triacontane	422	C30H62	000638-68-6	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122619\
Data File : BF118318.D
Acq On : 26 Dec 2019 16:03
Operator : JU
Sample : K6395-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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...	5.05	13.8	ng	468070	1	6.85	679462	20.0
unknown6.62	6.62	77.6	ng	2635500	1	6.85	679462	20.0
Phenanthrene, 2-m...	11.89	4.3	ng	262528	4	11.39	1216510	20.0
Anthracene, 2-met...	11.92	9.3	ng	562918	4	11.39	1216510	20.0
Phenanthrene, 1-m...	11.97	2.0	ng	124331	4	11.39	1216510	20.0
4H-Cyclopenta[def...	12.00	6.4	ng	387576	4	11.39	1216510	20.0
Anthracene, 9-met...	12.03	2.9	ng	173604	4	11.39	1216510	20.0
5,16[1',2']:8,13[...	12.19	2.1	ng	127332	4	11.39	1216510	20.0
Phenanthrene, 2,3...	12.45	2.9	ng	178197	4	11.39	1216510	20.0
unknown12.48	12.48	2.6	ng	155692	4	11.39	1216510	20.0
Cyclopenta(def)ph...	12.53	2.4	ng	143940	4	11.39	1216510	20.0
Pyrene, 1-methyl-	13.06	2.4	ng	215224	5	14.04	1834810	20.0
11H-Benzo[a]fluor...	13.68	2.1	ng	191812	5	14.04	1834810	20.0
1-Octadecene	13.88	4.2	ng	385894	5	14.04	1834810	20.0
Chrysene, 1-methyl-	14.43	2.2	ng	203181	5	14.04	1834810	20.0
Octadecane	14.50	3.5	ng	319601	5	14.04	1834810	20.0
Heneicosane	14.81	3.6	ng	260216	6	15.53	1435770	20.0
Benzo[e]pyrene	15.40	5.5	ng	392803	6	15.53	1435770	20.0
Nonadecane	15.98	3.4	ng	240627	6	15.53	1435770	20.0