LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115874.D
Acq On : 31 Jul 2019 18:59
Operator : HP/JU
Sample : K4049-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-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-BF073019.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	2.122	3	6	17	rVB	769139	944571	25.79%	1.693%
2	2.487	56	68	82	rBV	414292	663554	18.12%	1.189%
3	5.475	572	576	592	rBV	2977700	2998837	81.88%	5.375%
4	6.487	743	748	751	rBV	3077960	3171043	86.58%	5.684%
5	6.622	767	771	775	rBV	3323798	3232766	88.27%	5.795%
6	6.851	806	810	818	rVB	1077328	883729	24.13%	1.584%
7	7.010	833	837	840	rBV	2914084	2567052	70.09%	4.601%
8	7.410	900	905	908	rBV	2108032	2077538	56.73%	3.724%
9	8.134	1024	1028	1031	rBV	1215237	1114229	30.42%	1.997%
10	9.210	1207	1211	1215	rBV	3929705	3662424	100.00%	6.565%
11	9.551	1265	1269	1271	rBV	53769	50891	1.39%	0.091%
12	9.604	1275	1278	1283	rVB	918954	713082	19.47%	1.278%
13	9.751	1300	1303	1308	rBV	140004	119712	3.27%	0.215%
14	9.892	1321	1327	1330	rBV	1562159	1305460	35.64%	2.340%
15	9.922	1330	1332	1337	rVB	107496	91276	2.49%	0.164%
16	10.098	1357	1362	1365	rBV	78868	85309	2.33%	0.153%
17	10.298	1392	1396	1398	rBV3	40103	47412	1.29%	0.085%
18	10.439	1417	1420	1426	rVB2	87014	99087	2.71%	0.178%
19	10.504	1426	1431	1433	rBV2	23798	37695	1.03%	0.068%
20	10.598	1444	1447	1450	rVB	56053	48247	1.32%	0.086%
21	10.681	1457	1461	1467	rBV	2271178	2105352	57.49%	3.774%
22	10.810	1478	1483	1489	rVB3	86723	122804	3.35%	0.220%
23	11.116	1532	1535	1537	rBV2	43830	45536	1.24%	0.082%
24	11.186	1544	1547	1550	rBV	99222	92151	2.52%	0.165%
25	11.239	1551	1556	1559	rVV4	60200	106591	2.91%	0.191%
26	11.275	1559	1562	1567	rVB	120073	121888	3.33%	0.218%
27	11.380	1576	1580	1582	rBV	1318682	1321345	36.08%	2.369%
28	11.404	1582	1584	1587	rVV	1516892	1167527	31.88%	2.093%
29	11.451	1587	1592	1595	rVV	310314	305607	8.34%	0.548%
30	11.486	1595	1598	1601	rVB2	57759	57982	1.58%	0.104%
31	11.610	1614	1619	1621	rBV2	134839	177176	4.84%	0.318%
32	11.669	1627	1629	1633	rVB	78619	66730	1.82%	0.120%
33	11.710	1634	1636	1641	rBV3	59051	56955	1.56%	0.102%
34	11.833	1655	1657	1659	rBV	45787	42713	1.17%	0.077%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.880	1662	1665	1667	rVV	257904	237737	6.49%	0.426%
36	11.910	1667	1670	1675	rVV	691572	749222	20.46%	1.343%
37	11.957	1675	1678	1680	rVV	120776	141025	3.85%	0.253%
38	11.992	1680	1684	1686	rVV2	334060	398711	10.89%	0.715%
39	12.016	1686	1688	1692	rVB	194574	168279	4.59%	0.302%
40	12.175	1712	1715	1717	rBV	192215	165890	4.53%	0.297%
41	12.204	1717	1720	1723	rVB2	159455	156008	4.26%	0.280%
42	12.357	1744	1746	1748	rBV2	77113	56589	1.55%	0.101%
43	12.433	1755	1759	1761	rBV	199348	235131	6.42%	0.421%
44	12.516	1770	1773	1777	rBV	211259	197831	5.40%	0.355%
45	12.598	1782	1787	1790	rBV	2388624	2289506	62.51%	4.104%
46	12.692	1800	1803	1806	rBV2	174409	199415	5.44%	0.357%
47	12.822	1819	1825	1831	rBV	2210352	2476202	67.61%	4.439%
48	12.874	1831	1834	1838	rVB2	128686	164481	4.49%	0.295%
49	12.963	1843	1849	1856	rVB	3144079	3297308	90.03%	5.910%
50	13.039	1859	1862	1866	rBV2	154070	229148	6.26%	0.411%
51	13.127	1874	1877	1878	rBV2	160916	164808	4.50%	0.295%
52	13.251	1896	1898	1902	rVB2	238572	238472	6.51%	0.427%
53	13.345	1912	1914	1917	rVB	153072	128094	3.50%	0.230%
54	13.374	1917	1919	1923	rBV	151473	171287	4.68%	0.307%
55	13.657	1965	1967	1971	rVB	361252	320059	8.74%	0.574%
56	13.769	1983	1986	1989	rBV2	296420	291250	7.95%	0.522%
57	13.798	1989	1991	1993	rVB	187860	138119	3.77%	0.248%
58	13.822	1993	1995	2000	rBV2	193013	271447	7.41%	0.487%
59	13.869	2000	2003	2008	rVV2	437781	465187	12.70%	0.834%
60	14.016	2022	2028	2031	rBV2	1730382	2752261	75.15%	4.933%
61	14.051	2031	2034	2041	rVB	1375636	1463852	39.97%	2.624%
62	14.410	2093	2095	2098	rVB	281375	212678	5.81%	0.381%
63	14.533	2114	2116	2118	rBV	158142	131699	3.60%	0.236%
64	15.068	2202	2207	2214	rBV	1399277	2710954	74.02%	4.859%
65	15.174	2223	2225	2228	rVB	220085	195087	5.33%	0.350%
66	15.374	2255	2259	2264	rVB	829437	1182031	32.27%	2.119%
67	15.433	2265	2269	2275	rBV	1039589	1290763	35.24%	2.314%
68	15.498	2276	2280	2283	rBV	809112	1020752	27.87%	1.830%
69	16.968	2525	2530	2539	rVB	496933	985378	26.91%	1.766%
70	17.415	2601	2606	2617	rVB	370835	786570	21.48%	1.410%

LSC Area Percent Report

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Instrument : BNA_F
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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 55787502

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
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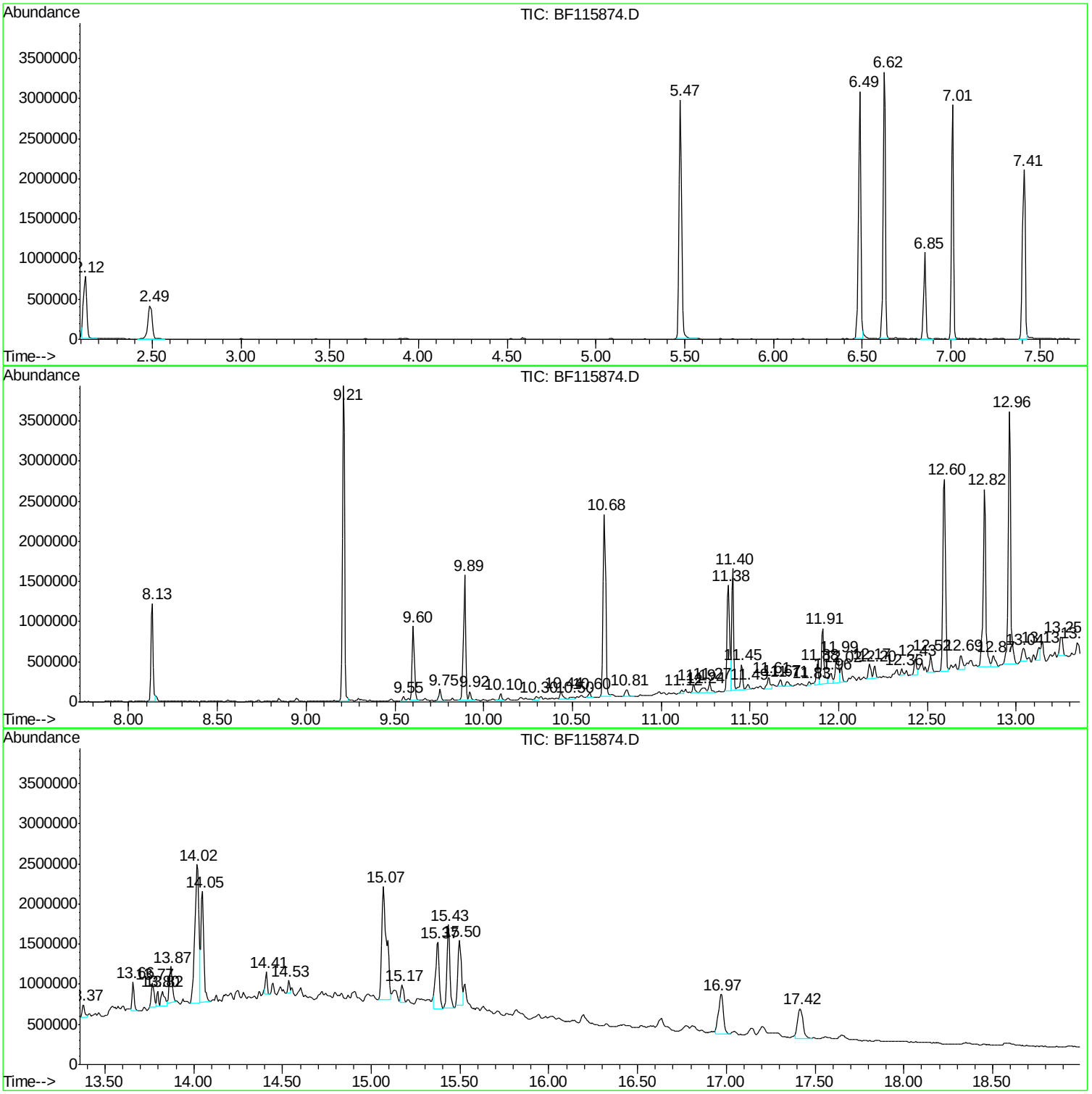
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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Data File : BF115874.D
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Sample : K4049-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

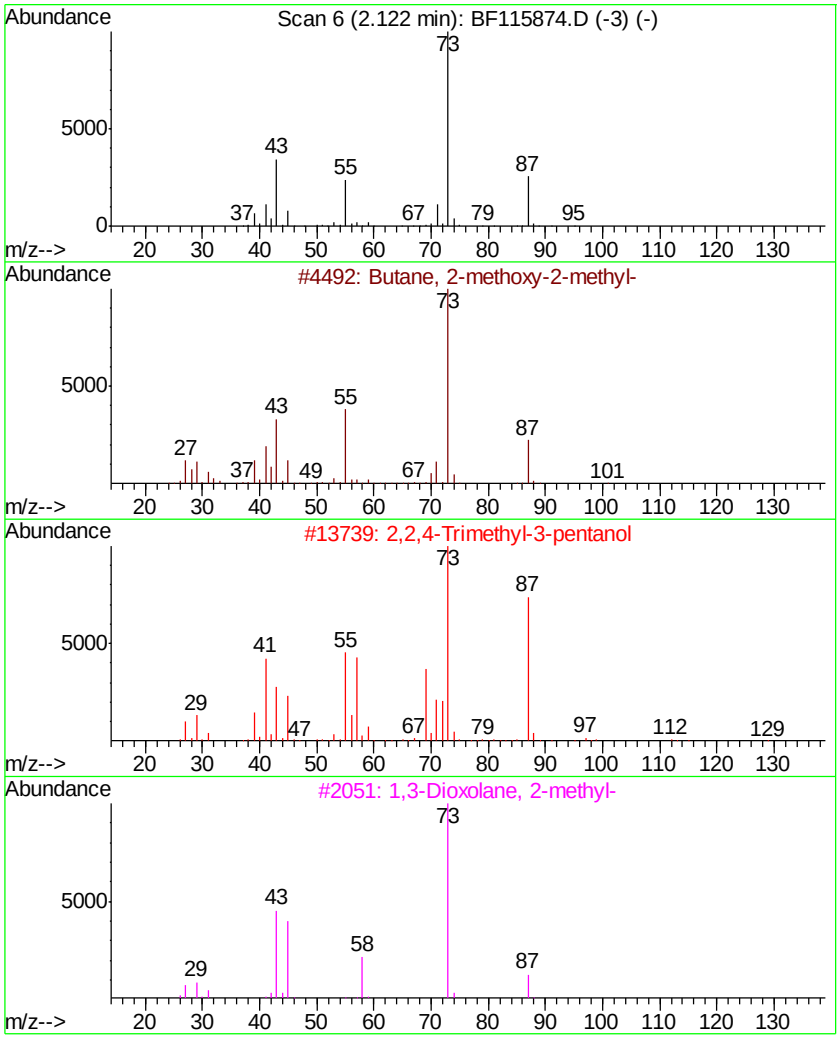
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

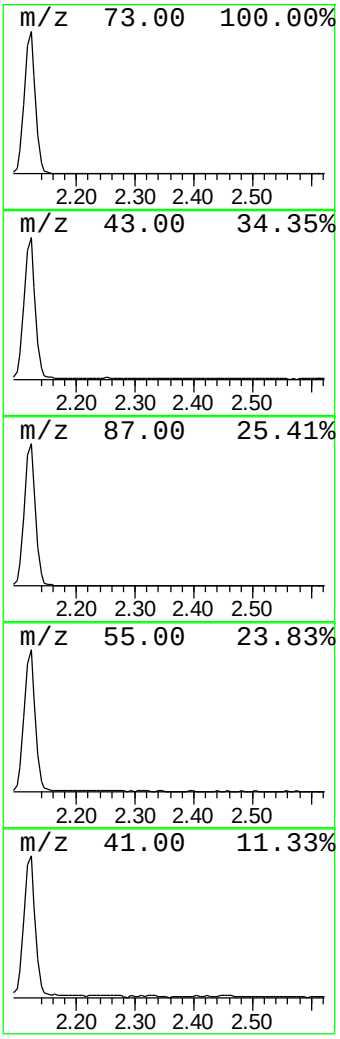
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	21.38 ng	944571	1,4-Dichlorobenzene-d4	6.85

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
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Instrument : BNA_F
ClientSampleId : SP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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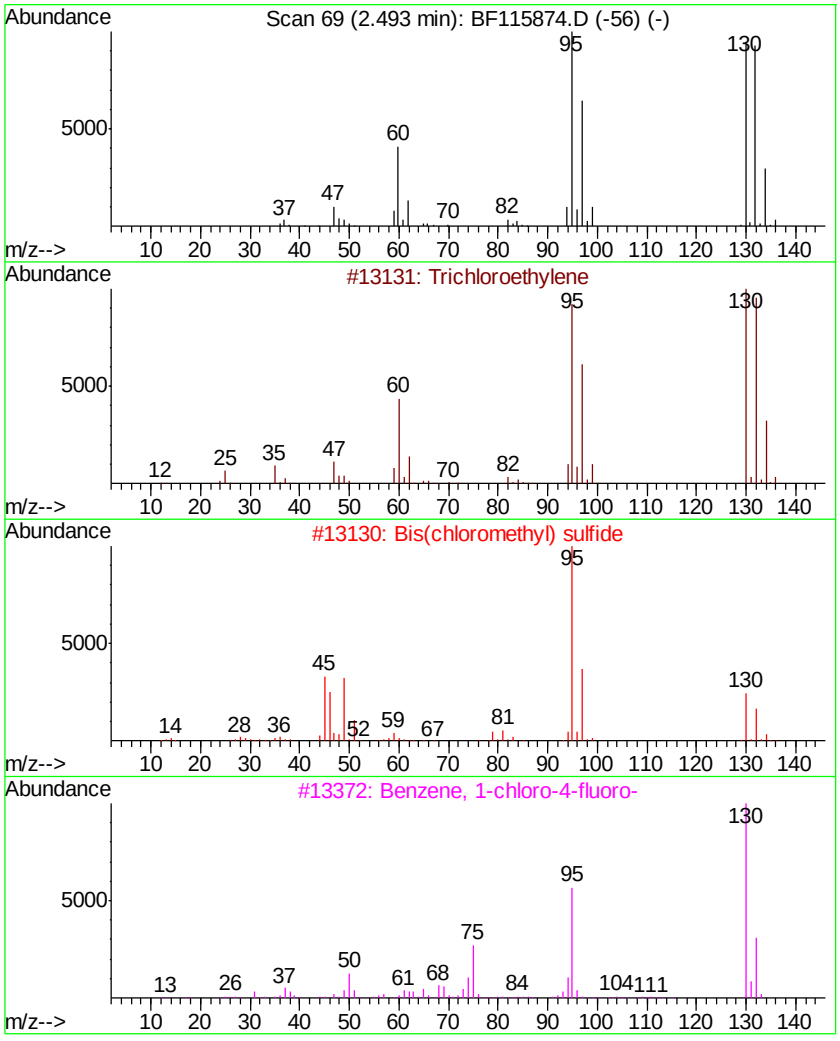
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

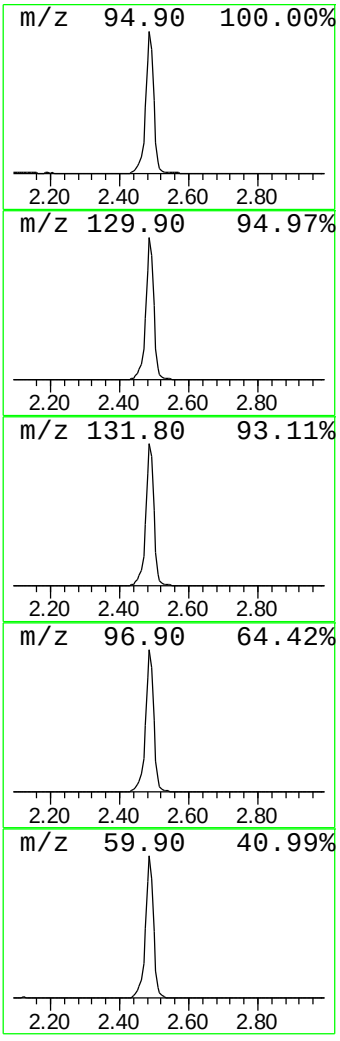
****

Peak Number 2 Bis(chloromethyl) sulfide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	15.02 ng	663554	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	98
2	Bis(chloromethyl) sulfide	130	C2H4Cl2S	003592-44-7	58
3	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	14
4	1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	10
5	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	10





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Operator : HP/JU
Sample : K4049-09
Misc :
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Instrument : BNA_F
ClientSampleId : SP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

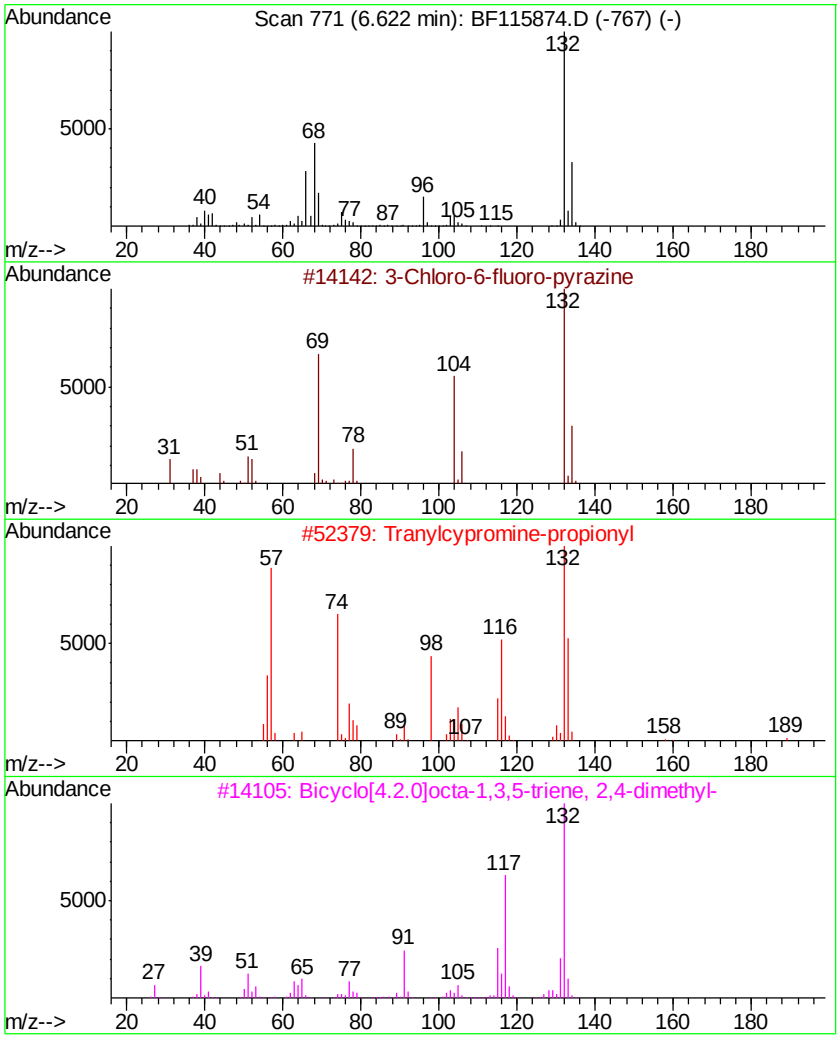
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

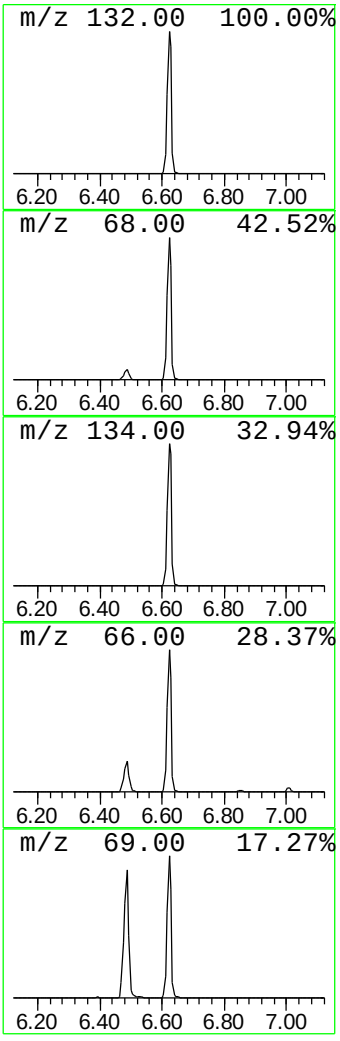
****

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	73.16 ng	3232770	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

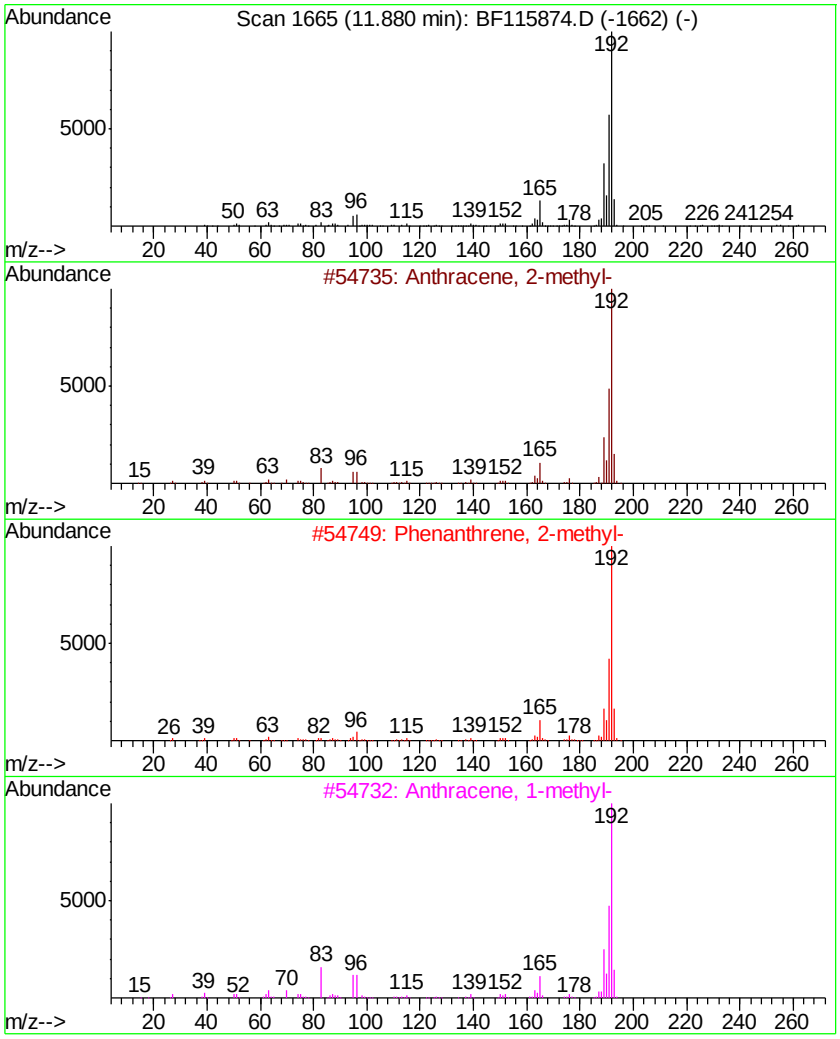
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

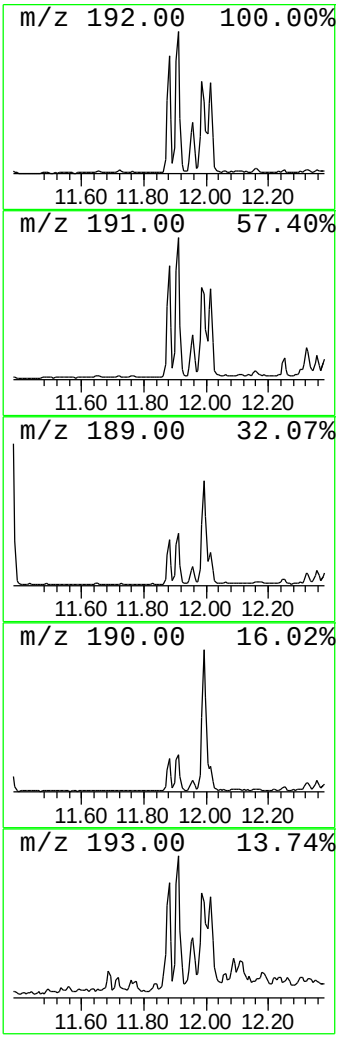
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.60 ng	237737	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

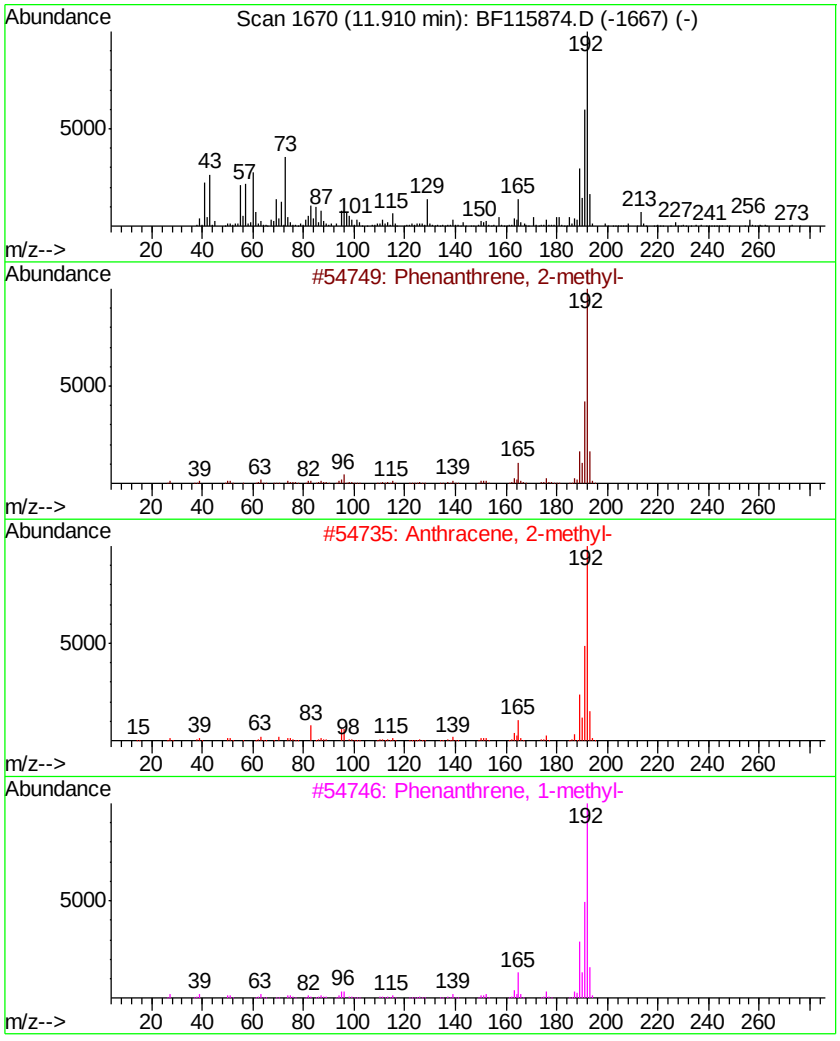
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

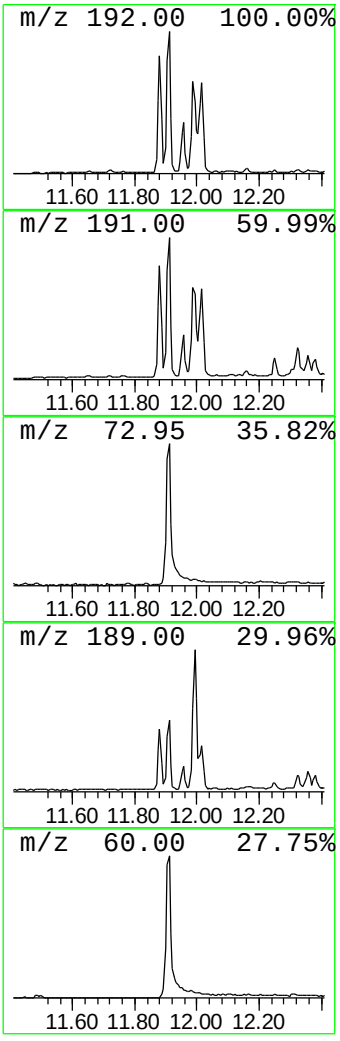
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	11.34 ng	749222	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	92





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

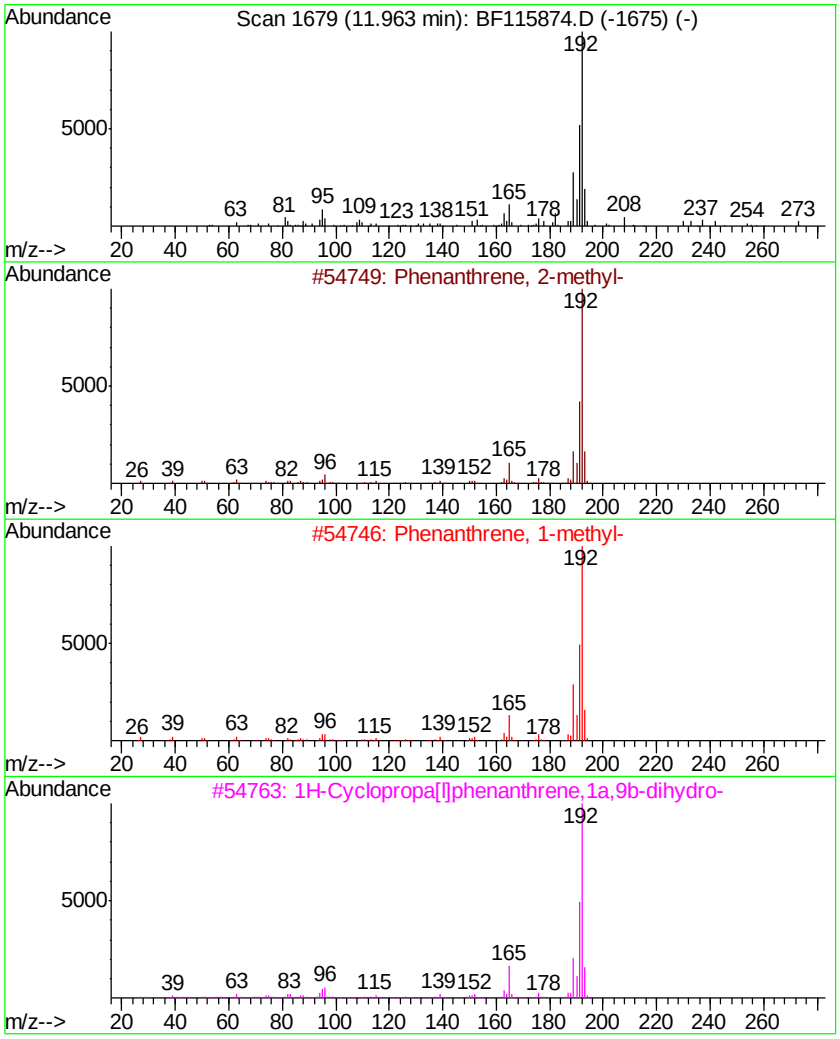
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

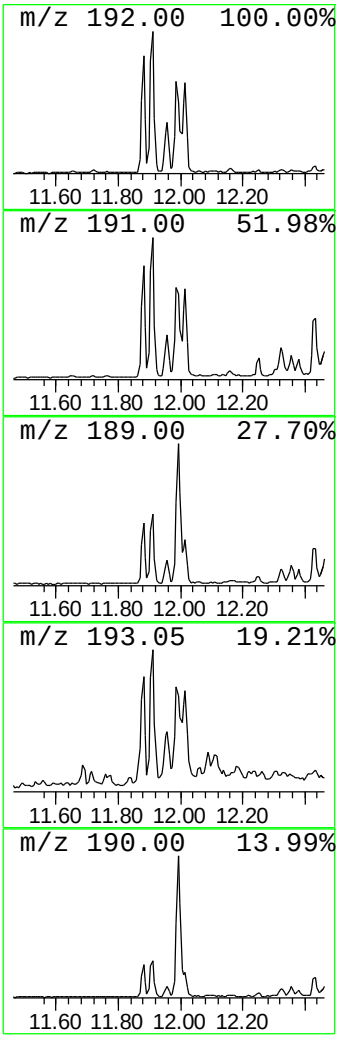
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.13 ng	141025	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Instrument : BNA_F
ClientSampleId : SP-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

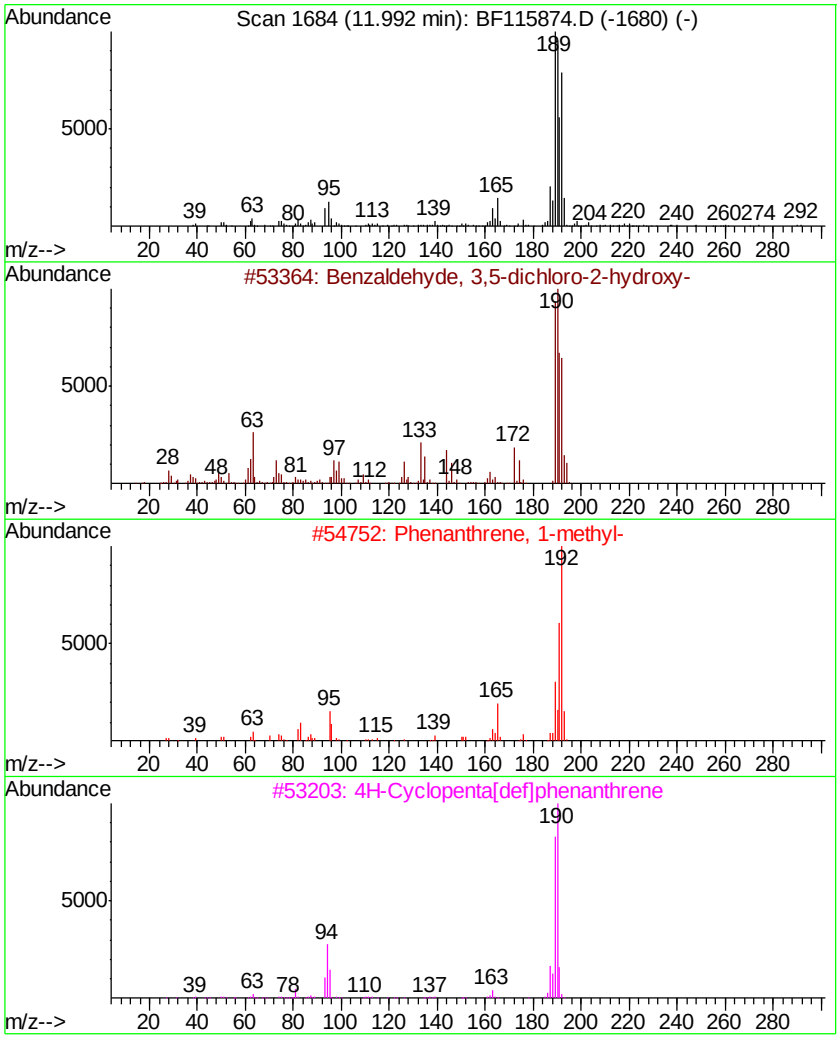
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

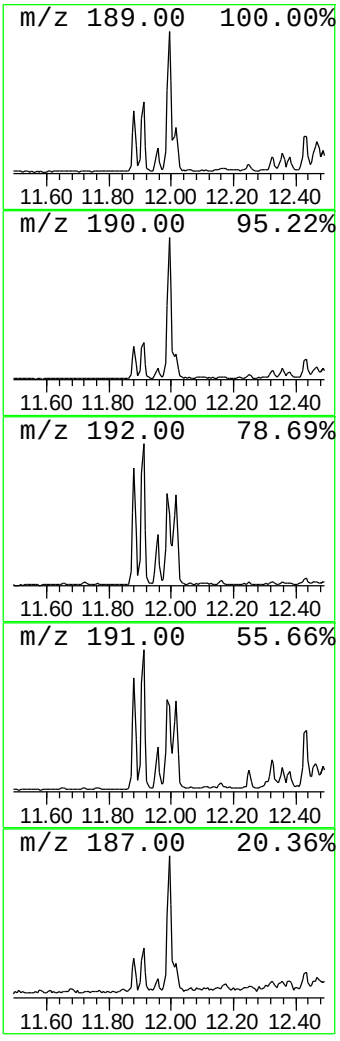
****

Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.03 ng	398711	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	62
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46





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Operator : HP/JU
Sample : K4049-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-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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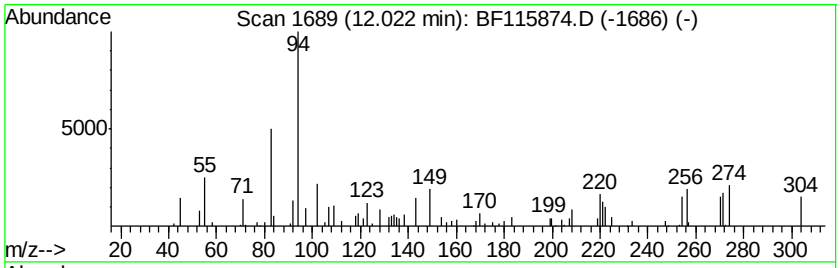
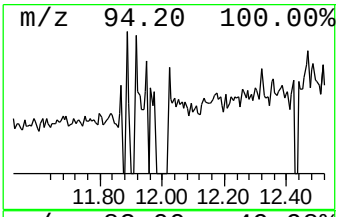
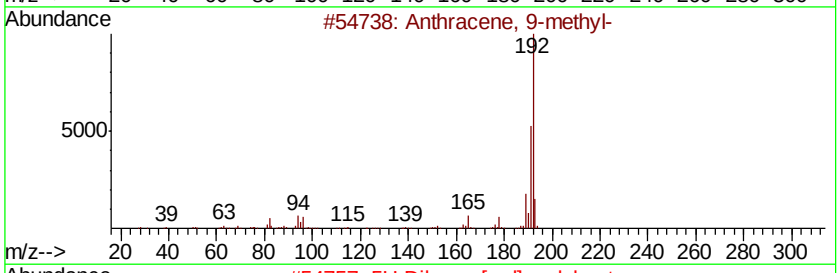
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 14

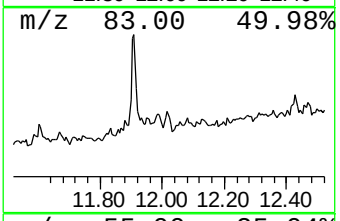
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.55 ng	168279	Phenanthrene-d10	11.38

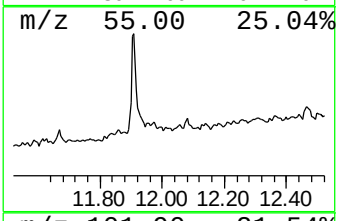
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	86
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	83
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83

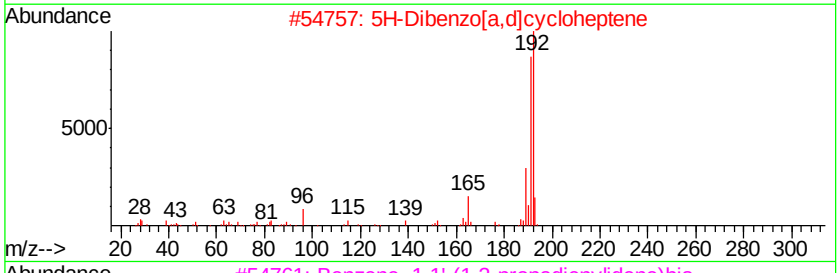


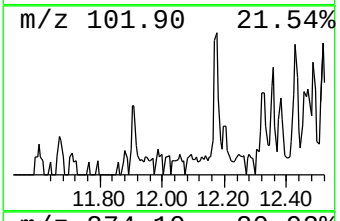


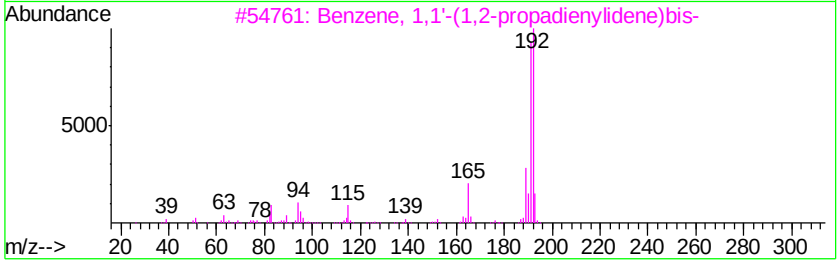


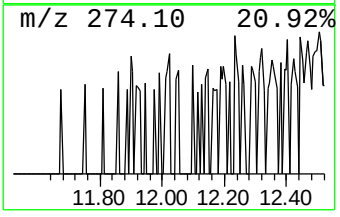












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TIC Integration Parameters: LSCINT.P

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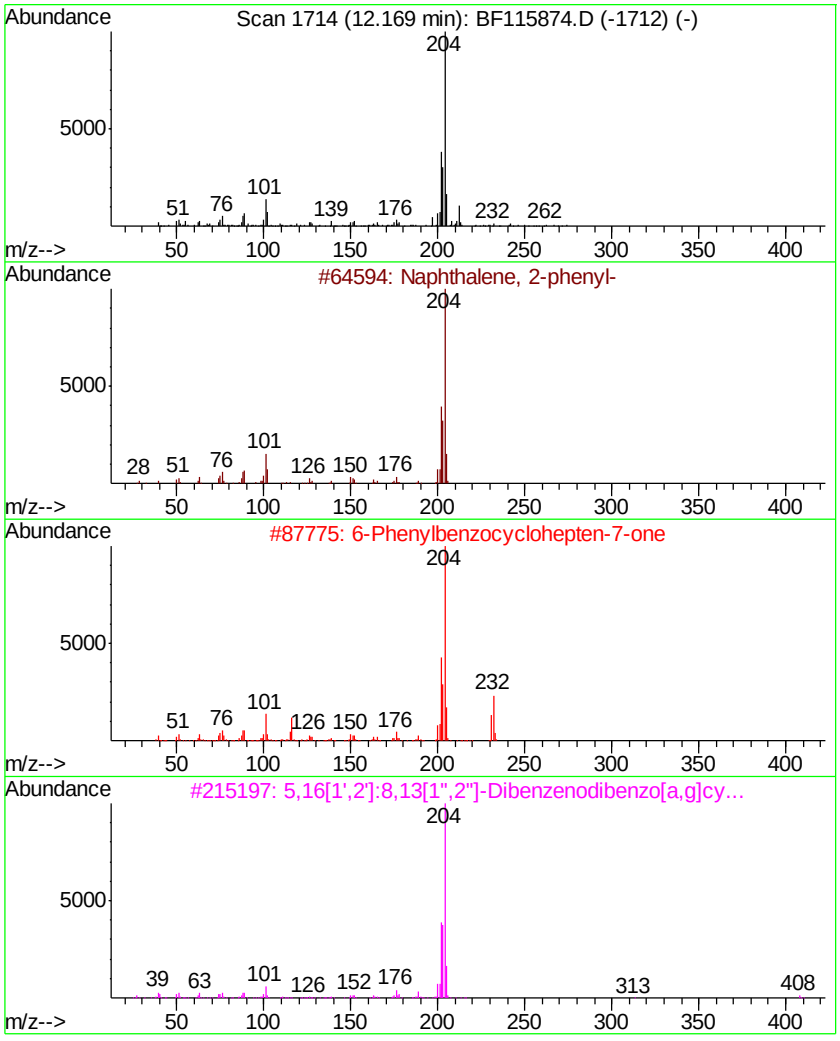
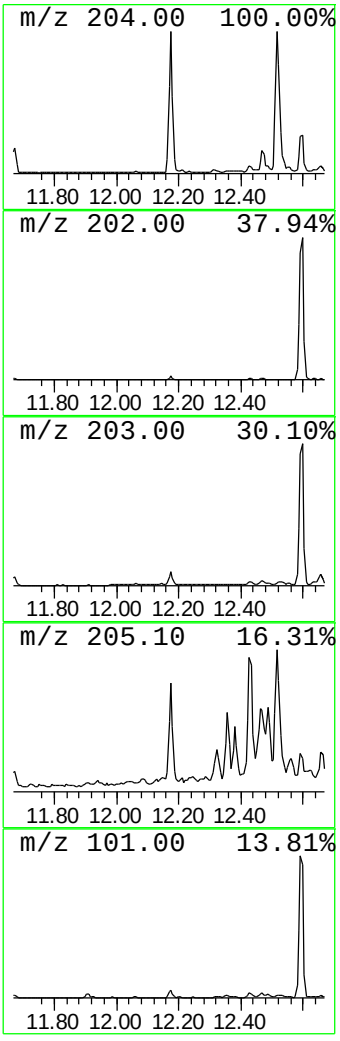
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	2.51 ng	165890	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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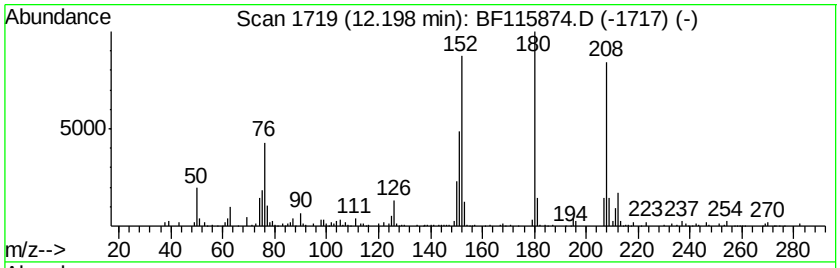
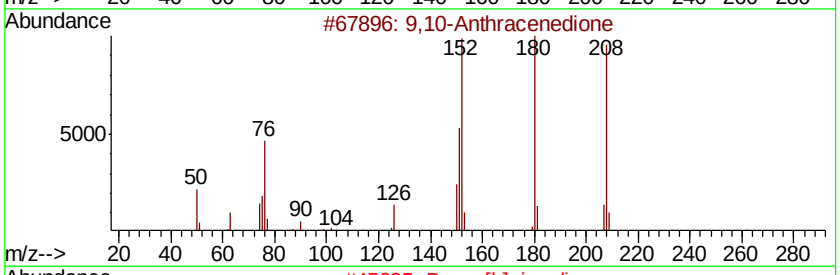
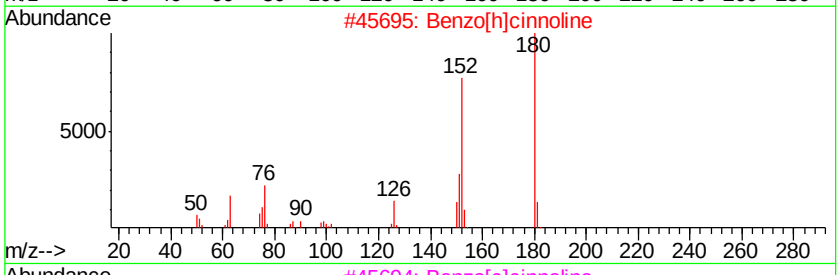
Peak Number 11 9,10-Anthracenedione Concentration Rank 16

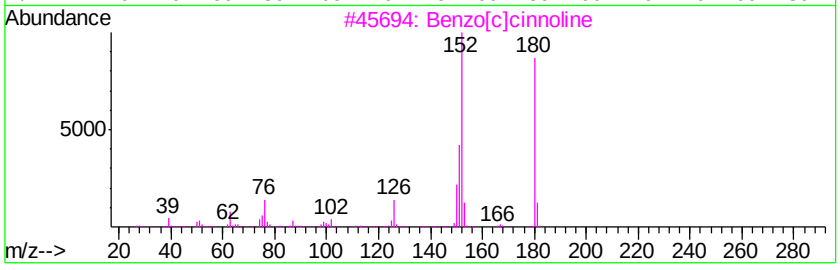
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.36 ng	156008	Phenanthrene-d10	11.38

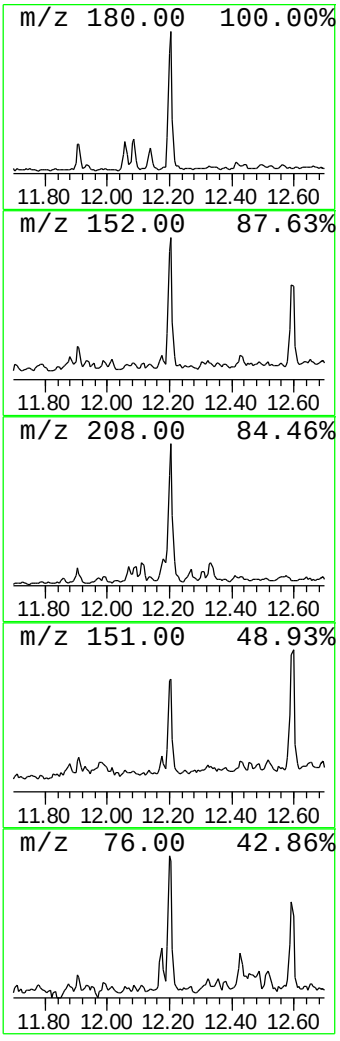
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49











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

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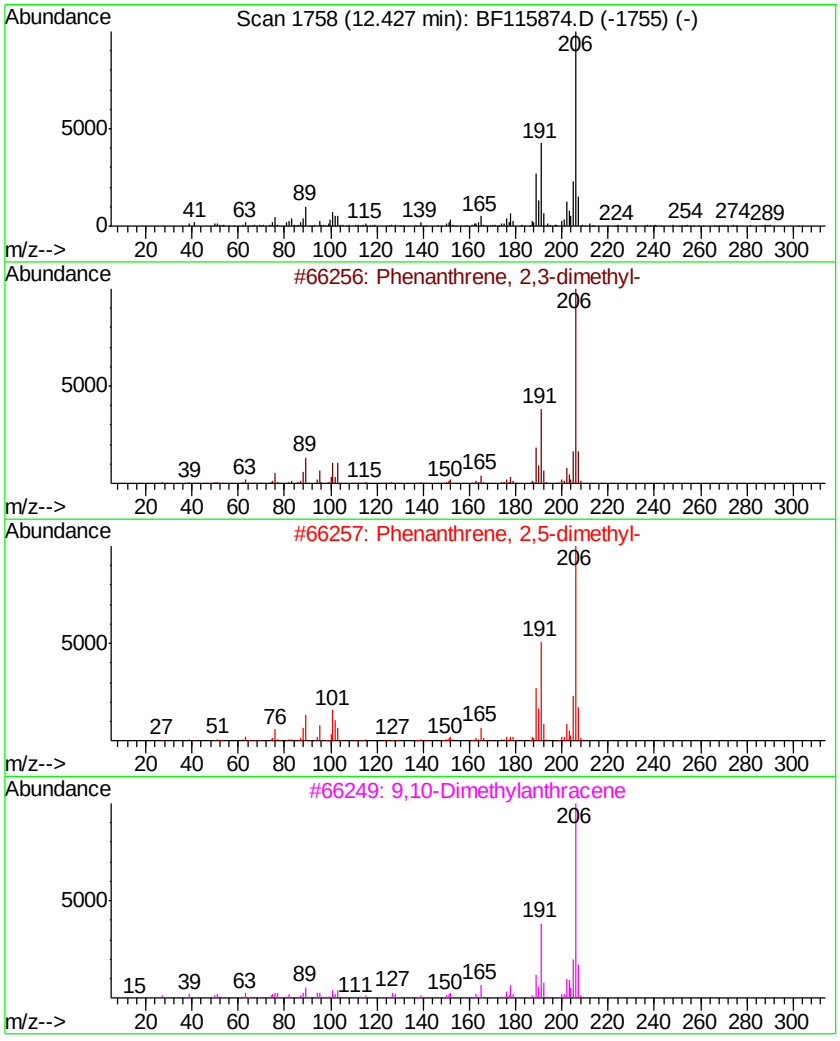
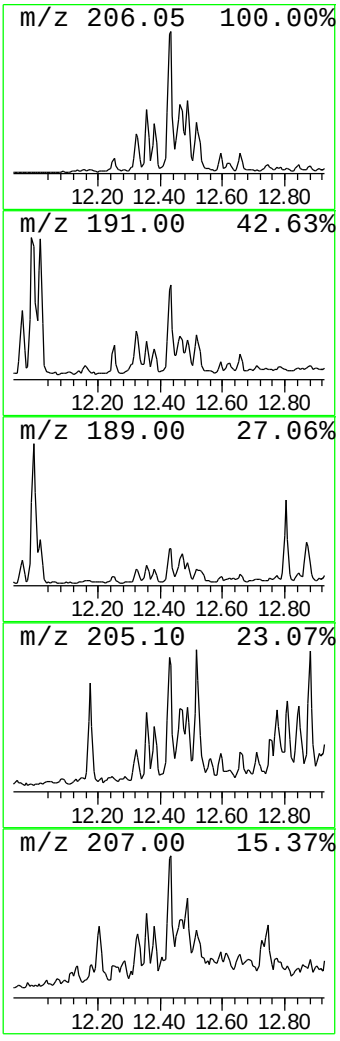
Peak Number 12 Phenanthrene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.56 ng	235131	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





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Instrument : BNA_F
ClientSampleId : SP-9

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

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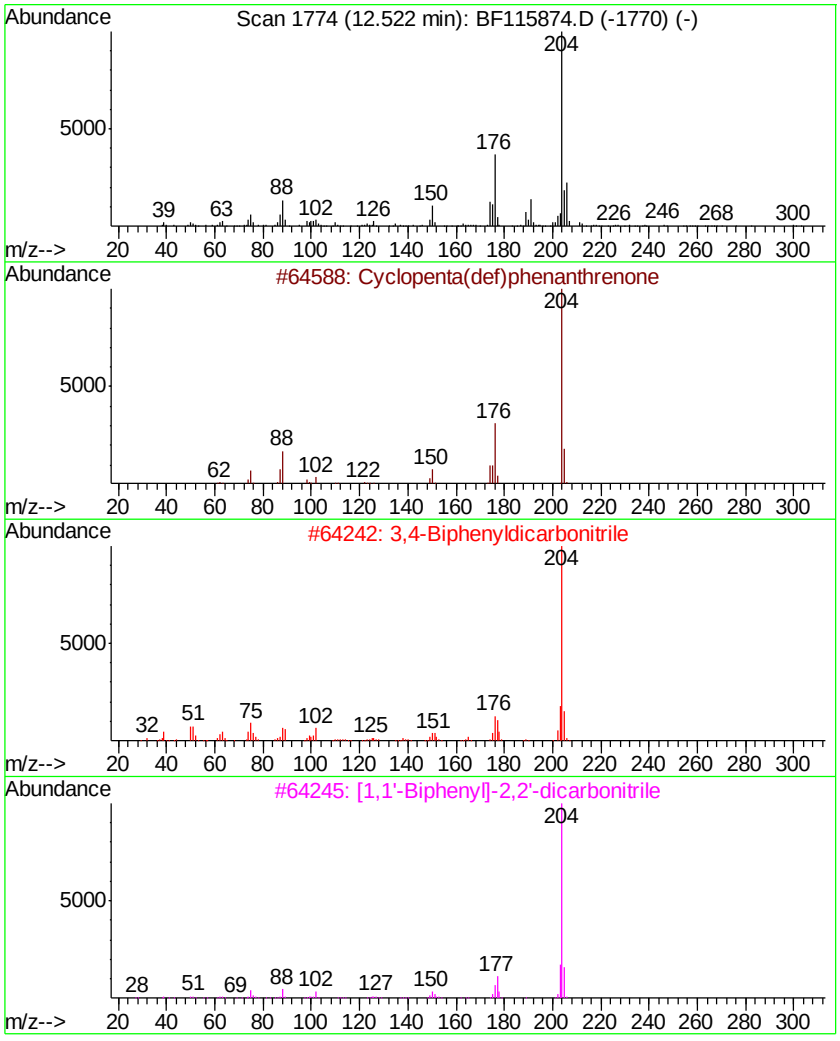
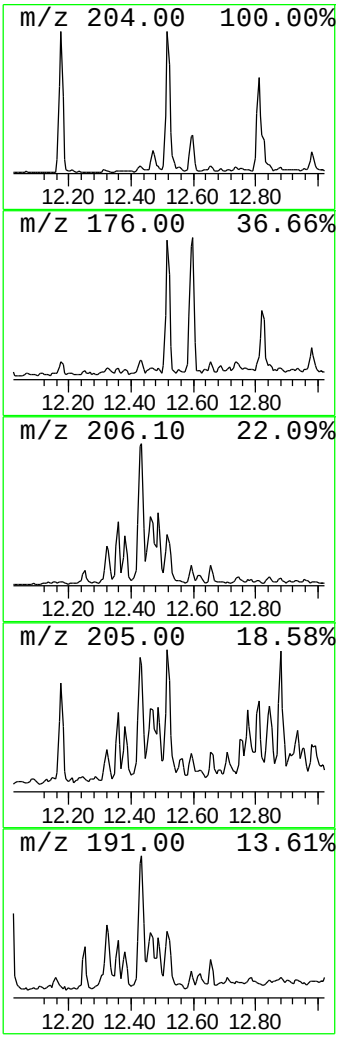
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.99 ng	197831	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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TIC Library : C:\DATABASE\NIST11.L
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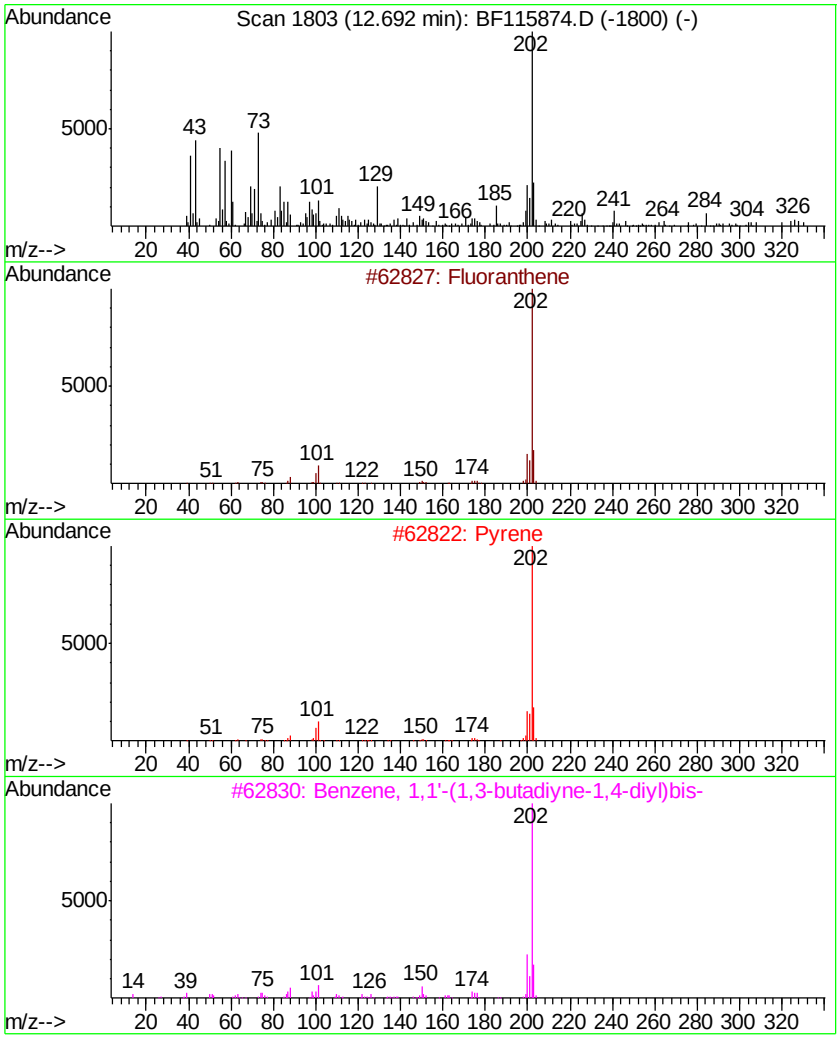
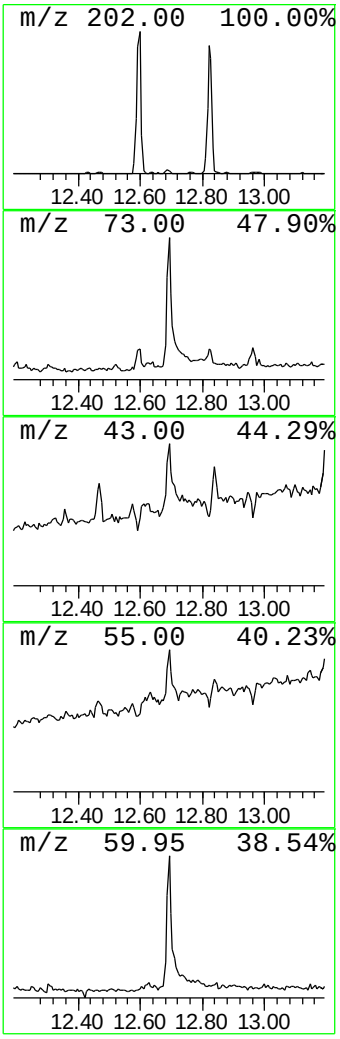
Peak Number 14 unknown12.69 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	3.02 ng	199415	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	52
2	Pyrene	202	C16H10	000129-00-0	52
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	45
4	1H-Indole-3-propanoic acid, 1-(t...	275	C15H21NO2Si	056196-72-6	32
5	Pyridine, 2,2'-(phenylphosphinyl...	280	C16H13N2OP	068469-77-2	32





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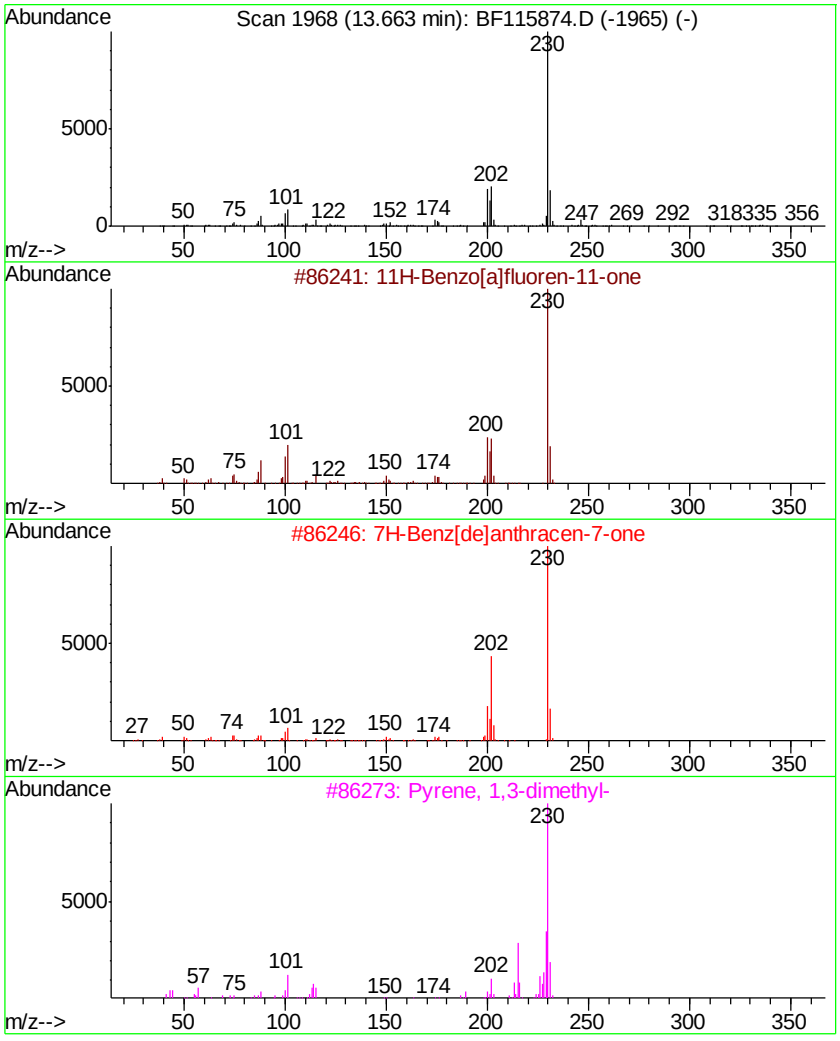
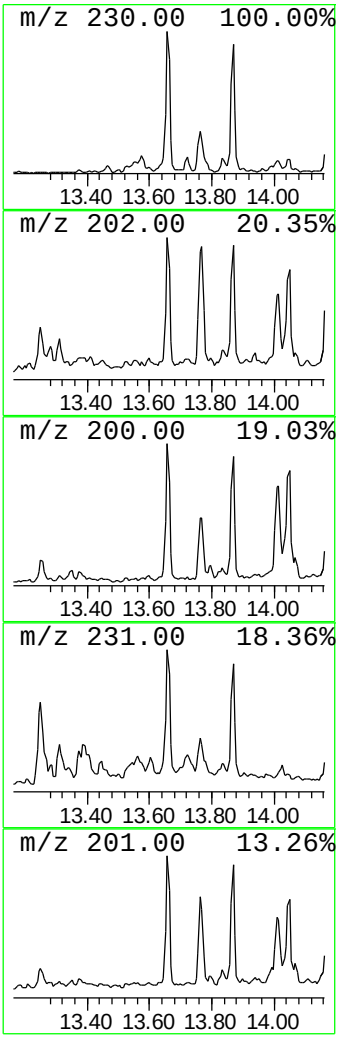
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.33 ng	320059	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	o-Terphenyl	230	C18H14	000084-15-1	53





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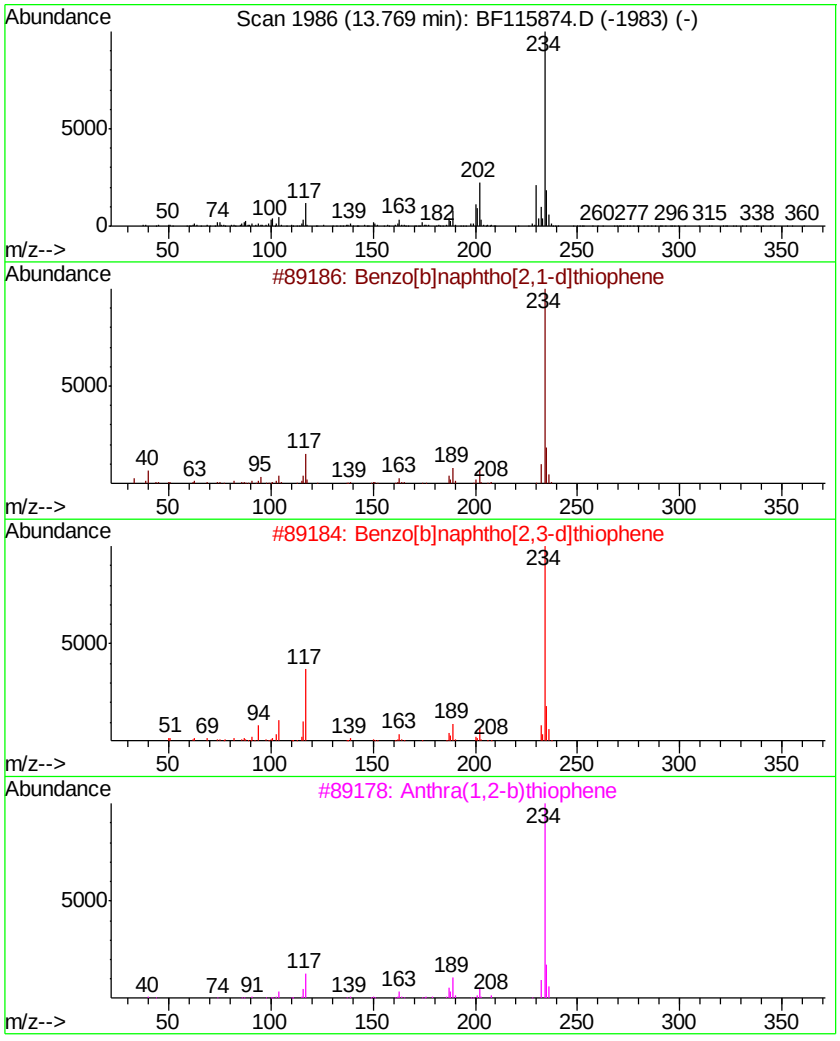
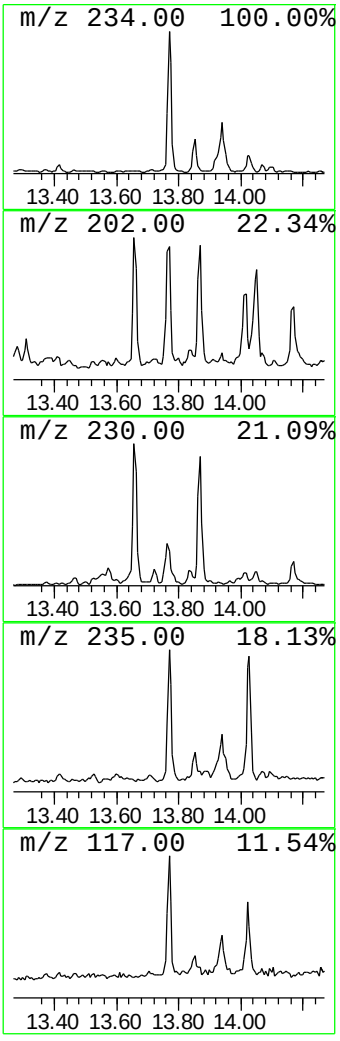
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.12 ng	291250	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
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	52
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	47
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	47





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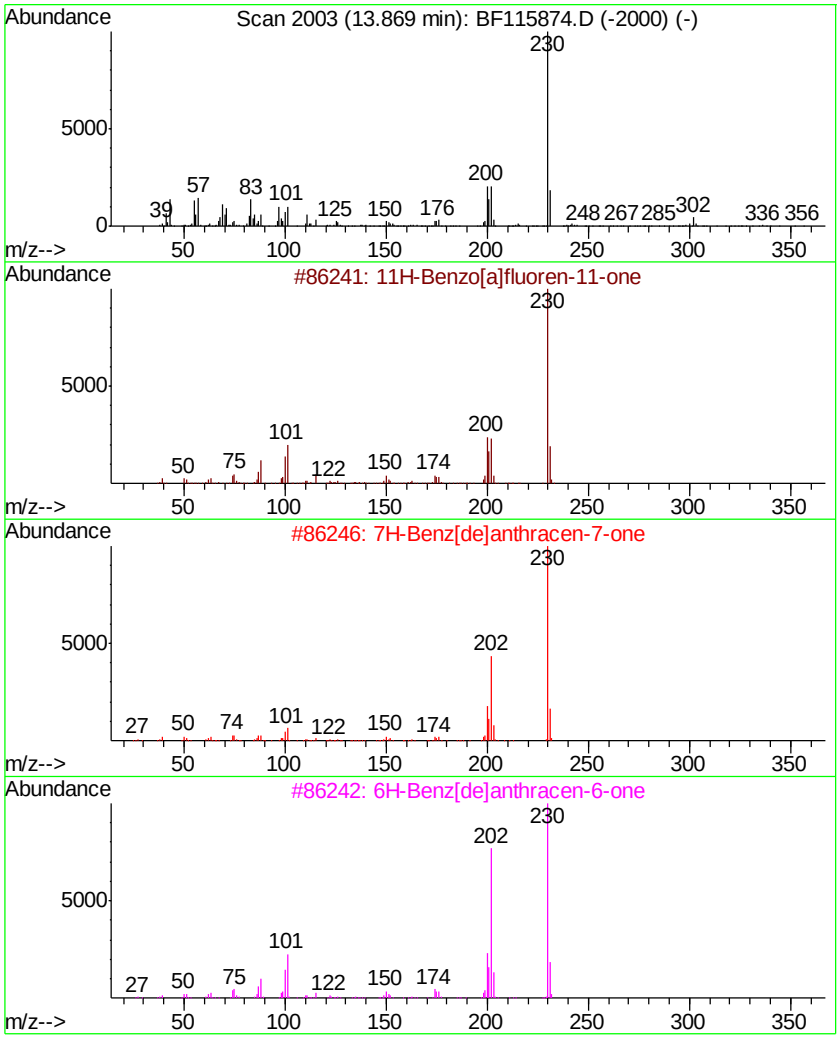
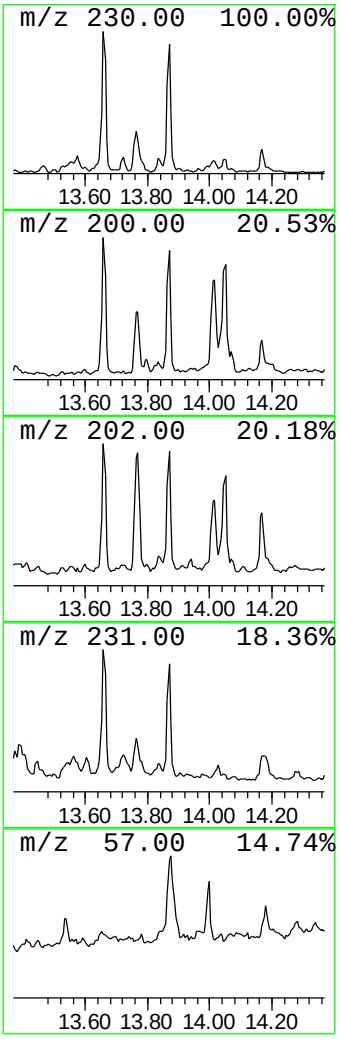
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.38 ng	465187	Chrysene-d12	14.02

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	89
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
4	o-Terphenyl	230	C18H14	000084-15-1	50
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	47





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Acq On : 31 Jul 2019 18:59
Operator : HP/JU
Sample : K4049-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-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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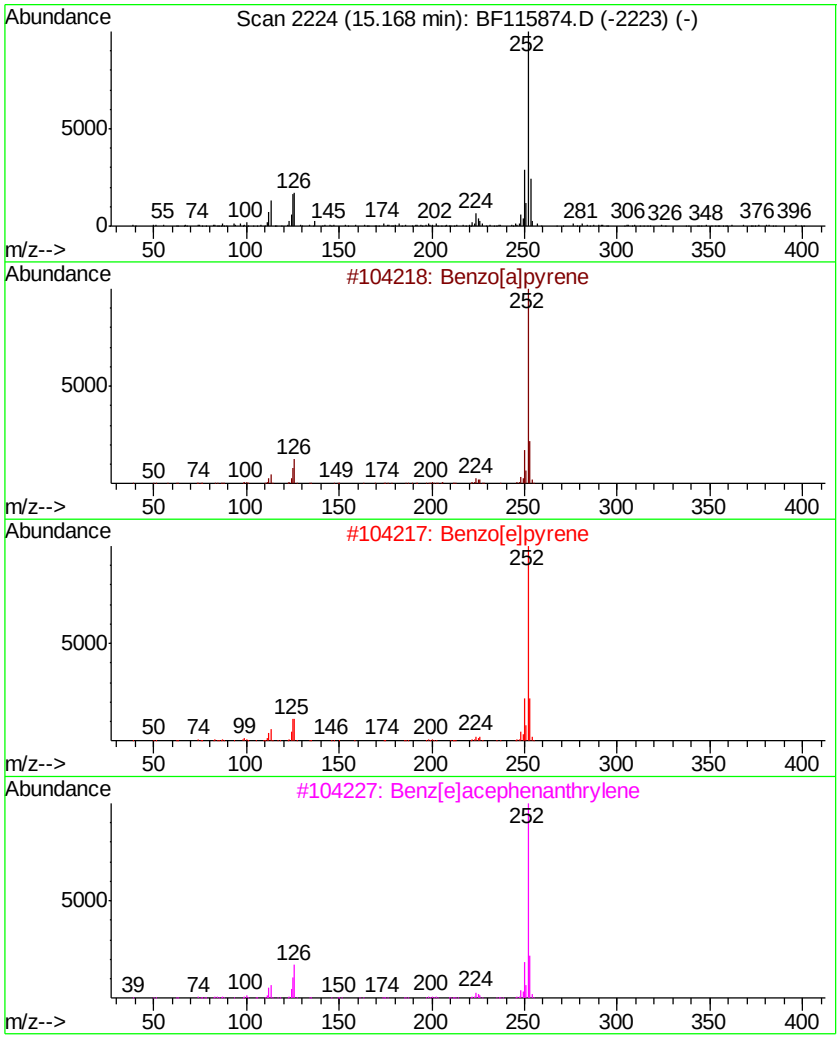
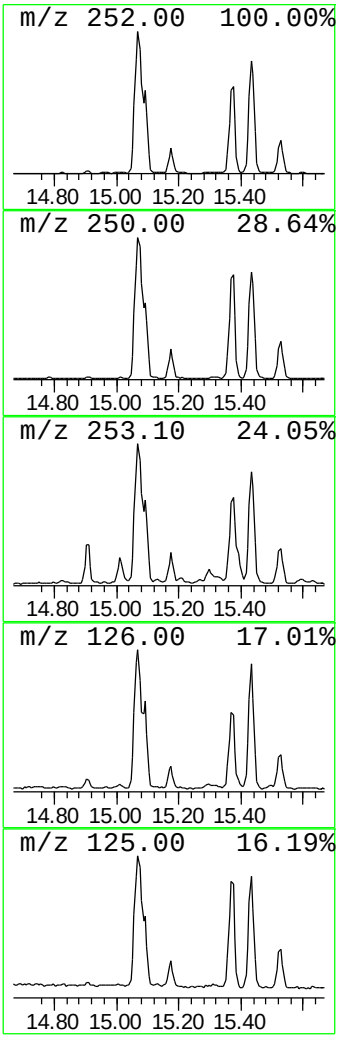
Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.82 ng	195087	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	81





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Data File : BF115874.D
Acq On : 31 Jul 2019 18:59
Operator : HP/JU
Sample : K4049-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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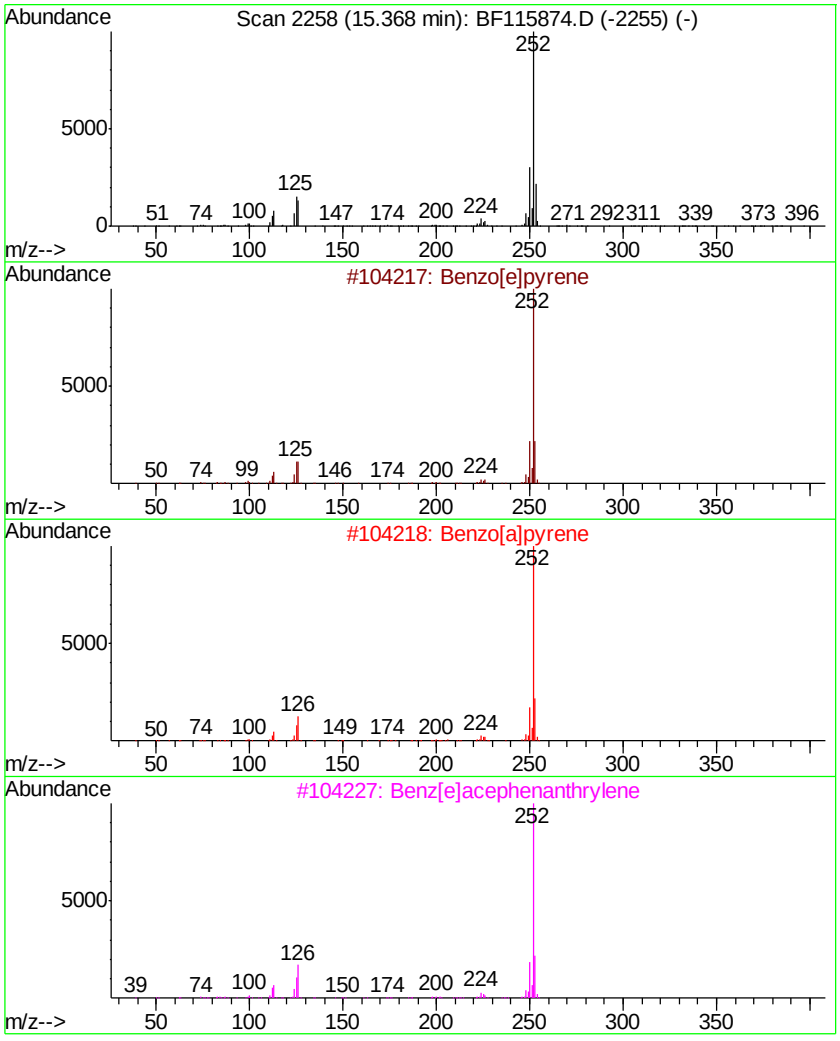
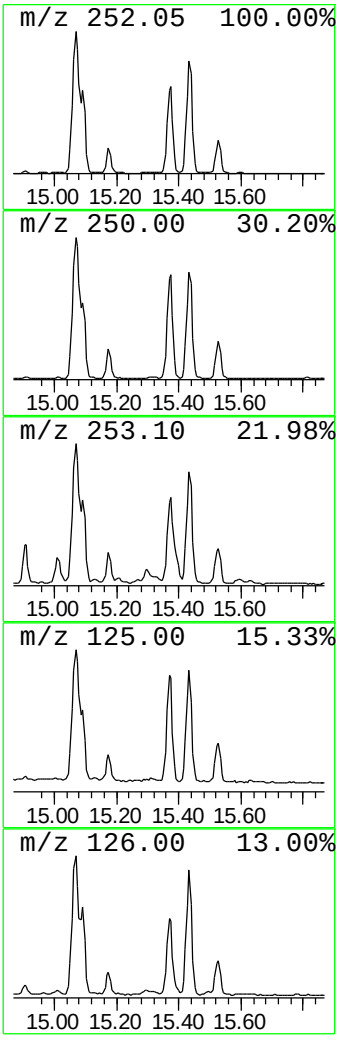
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	23.16 ng	1182030	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Perylene	252	C20H12	000198-55-0	97
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
Data File : BF115874.D
Acq On : 31 Jul 2019 18:59
Operator : HP/JU
Sample : K4049-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	2.12	21.4	ng	944571	1	6.85	883729	20.0
Bis(chloromethyl)...	2.49	15.0	ng	663554	1	6.85	883729	20.0
unknown6.62	6.62	73.2	ng	3232770	1	6.85	883729	20.0
Anthracene, 2-met...	11.88	3.6	ng	237737	4	11.38	1321350	20.0
Phenanthrene, 2-m...	11.91	11.3	ng	749222	4	11.38	1321350	20.0
Phenanthrene, 1-m...	11.96	2.1	ng	141025	4	11.38	1321350	20.0
Benzaldehyde, 3,5...	11.99	6.0	ng	398711	4	11.38	1321350	20.0
Anthracene, 9-met...	12.02	2.5	ng	168279	4	11.38	1321350	20.0
Naphthalene, 2-ph...	12.17	2.5	ng	165890	4	11.38	1321350	20.0
9,10-Anthracenedione	12.20	2.4	ng	156008	4	11.38	1321350	20.0
Phenanthrene, 2,3...	12.43	3.6	ng	235131	4	11.38	1321350	20.0
Cyclopenta(def)ph...	12.52	3.0	ng	197831	4	11.38	1321350	20.0
unknown12.69	12.69	3.0	ng	199415	4	11.38	1321350	20.0
11H-Benzo[a]fluor...	13.66	2.3	ng	320059	5	14.02	2752260	20.0
Benzo[b]naphtho[2...	13.77	2.1	ng	291250	5	14.02	2752260	20.0
7H-Benz[de]anthra...	13.87	3.4	ng	465187	5	14.02	2752260	20.0
Benzo[e]pyrene	15.17	3.8	ng	195087	6	15.50	1020750	20.0
Benzo[j]fluoranthene	15.37	23.2	ng	1182030	6	15.50	1020750	20.0