

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120336.D
 Acq On : 15 May 2020 22:03
 Operator : MA/SJ
 Sample : L2503-06 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051420

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF051420.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	5.228	531	534	553	rBV	437767	623010	30.56%	2.837%
2	6.269	708	711	731	rBV	474703	714180	35.03%	3.253%
3	6.610	766	769	792	rBV	1203833	1541253	75.60%	7.020%
4	6.763	792	795	807	rBV	516836	599548	29.41%	2.731%
5	7.181	862	866	883	rBV	275514	467823	22.95%	2.131%
6	7.898	984	988	1016	rBV	1809084	2038698	100.00%	9.285%
7	8.610	1103	1109	1117	rBV	50891	69431	3.41%	0.316%
8	8.710	1121	1126	1135	rBV	73997	86620	4.25%	0.395%
9	8.975	1167	1171	1181	rBV	944725	913525	44.81%	4.161%
10	9.098	1189	1192	1198	rVB2	48290	44262	2.17%	0.202%
11	9.169	1201	1204	1211	rVB3	14136	21340	1.05%	0.097%
12	9.239	1212	1216	1220	rBV2	45604	68080	3.34%	0.310%
13	9.310	1224	1228	1230	rBV	91337	89456	4.39%	0.407%
14	9.333	1230	1232	1236	rVV2	48769	68116	3.34%	0.310%
15	9.375	1236	1239	1245	rVV	109010	111264	5.46%	0.507%
16	9.428	1245	1248	1253	rVB	33712	41739	2.05%	0.190%
17	9.510	1257	1262	1268	rBV	99597	107755	5.29%	0.491%
18	9.645	1280	1285	1289	rBV	1998538	2037763	99.95%	9.281%
19	9.680	1289	1291	1301	rVV	174176	205010	10.06%	0.934%
20	9.757	1301	1304	1308	rVB	23445	30983	1.52%	0.141%
21	9.851	1315	1320	1324	rBV	74382	83105	4.08%	0.379%
22	9.892	1324	1327	1335	rVB	42660	55052	2.70%	0.251%
23	9.963	1335	1339	1342	rBV2	41230	46596	2.29%	0.212%
24	9.998	1342	1345	1350	rVB	27330	34992	1.72%	0.159%
25	10.057	1350	1355	1356	rBV2	26884	35367	1.73%	0.161%
26	10.198	1375	1379	1384	rBV	112674	124950	6.13%	0.569%
27	10.263	1385	1390	1391	rVV3	19996	23500	1.15%	0.107%
28	10.310	1395	1398	1400	rVV4	31491	34599	1.70%	0.158%
29	10.357	1403	1406	1411	rVB3	25393	33162	1.63%	0.151%
30	10.439	1415	1420	1432	rVB	403222	484579	23.77%	2.207%
31	10.563	1438	1441	1447	rVB3	46179	56352	2.76%	0.257%
32	10.639	1447	1454	1455	rBV3	16803	22317	1.09%	0.102%
33	10.739	1466	1471	1474	rBV2	38972	58026	2.85%	0.264%
34	10.769	1474	1476	1482	rVV	33798	43839	2.15%	0.200%

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Integrator: RTE

Smoothing : ON

Sampling : 1

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Stop Thrs : 0

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Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.822	1482	1485	1488	rVB3	22991	26108	1.28%	0.119%
36	10.945	1503	1506	1509	rVB2	24644	26326	1.29%	0.120%
37	11.027	1515	1520	1526	rVB2	62996	86155	4.23%	0.392%
38	11.133	1534	1538	1540	rBV	1735533	1742093	85.45%	7.934%
39	11.157	1540	1542	1548	rVV	701658	698513	34.26%	3.181%
40	11.204	1548	1550	1554	rVV	152392	162723	7.98%	0.741%
41	11.245	1554	1557	1560	rVB2	30810	35295	1.73%	0.161%
42	11.369	1574	1578	1582	rBV	55635	77985	3.83%	0.355%
43	11.463	1592	1594	1603	rVB2	35202	58729	2.88%	0.267%
44	11.545	1603	1608	1613	rBV2	27381	42991	2.11%	0.196%
45	11.592	1614	1616	1619	rVV4	21650	21910	1.07%	0.100%
46	11.633	1619	1623	1625	rVV	151277	159646	7.83%	0.727%
47	11.663	1625	1628	1633	rVV	189502	241796	11.86%	1.101%
48	11.710	1633	1636	1638	rVV	69058	74214	3.64%	0.338%
49	11.739	1638	1641	1644	rVV	196150	245044	12.02%	1.116%
50	11.763	1644	1645	1651	rVB	93254	92721	4.55%	0.422%
51	11.927	1670	1673	1677	rBV	58468	69272	3.40%	0.315%
52	11.957	1677	1678	1684	rVB2	36752	32386	1.59%	0.148%
53	12.074	1696	1698	1701	rVB	28776	26844	1.32%	0.122%
54	12.110	1701	1704	1706	rBV	52345	44731	2.19%	0.204%
55	12.133	1706	1708	1713	rVB2	49814	47292	2.32%	0.215%
56	12.180	1713	1716	1719	rBV	107861	105538	5.18%	0.481%
57	12.216	1719	1722	1724	rVV2	51197	60914	2.99%	0.277%
58	12.269	1728	1731	1735	rBV3	43591	64487	3.16%	0.294%
59	12.339	1740	1743	1749	rBV	661706	655719	32.16%	2.986%
60	12.439	1757	1760	1762	rBV	33684	29907	1.47%	0.136%
61	12.521	1773	1774	1776	rBV2	38857	25632	1.26%	0.117%
62	12.569	1776	1782	1785	rBV	672614	745720	36.58%	3.396%
63	12.627	1790	1792	1796	rVB2	53406	62135	3.05%	0.283%
64	12.716	1804	1807	1814	rVB	702103	699266	34.30%	3.185%
65	12.792	1816	1820	1823	rBV2	58880	91464	4.49%	0.417%
66	12.898	1831	1838	1842	rBV2	135198	200816	9.85%	0.915%
67	12.963	1846	1849	1852	rVV2	113751	111027	5.45%	0.506%
68	13.004	1853	1856	1864	rVB2	82749	126844	6.22%	0.578%
69	13.092	1869	1871	1874	rVB	73726	56925	2.79%	0.259%
70	13.127	1874	1877	1881	rBV	58224	74725	3.67%	0.340%
71	13.421	1923	1927	1928	rBV2	63263	68428	3.36%	0.312%

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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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72	13.627	1959	1962	1964	rBV3	55951	68434	3.36%	0.312%
73	13.768	1981	1986	1989	rBV2	1376984	1654194	81.14%	7.534%
74	14.774	2153	2157	2159	rBV	303092	429294	21.06%	1.955%
75	15.104	2210	2213	2218	rVB	263934	295555	14.50%	1.346%
76	15.162	2219	2223	2233	rVB	948008	1300219	63.78%	5.922%

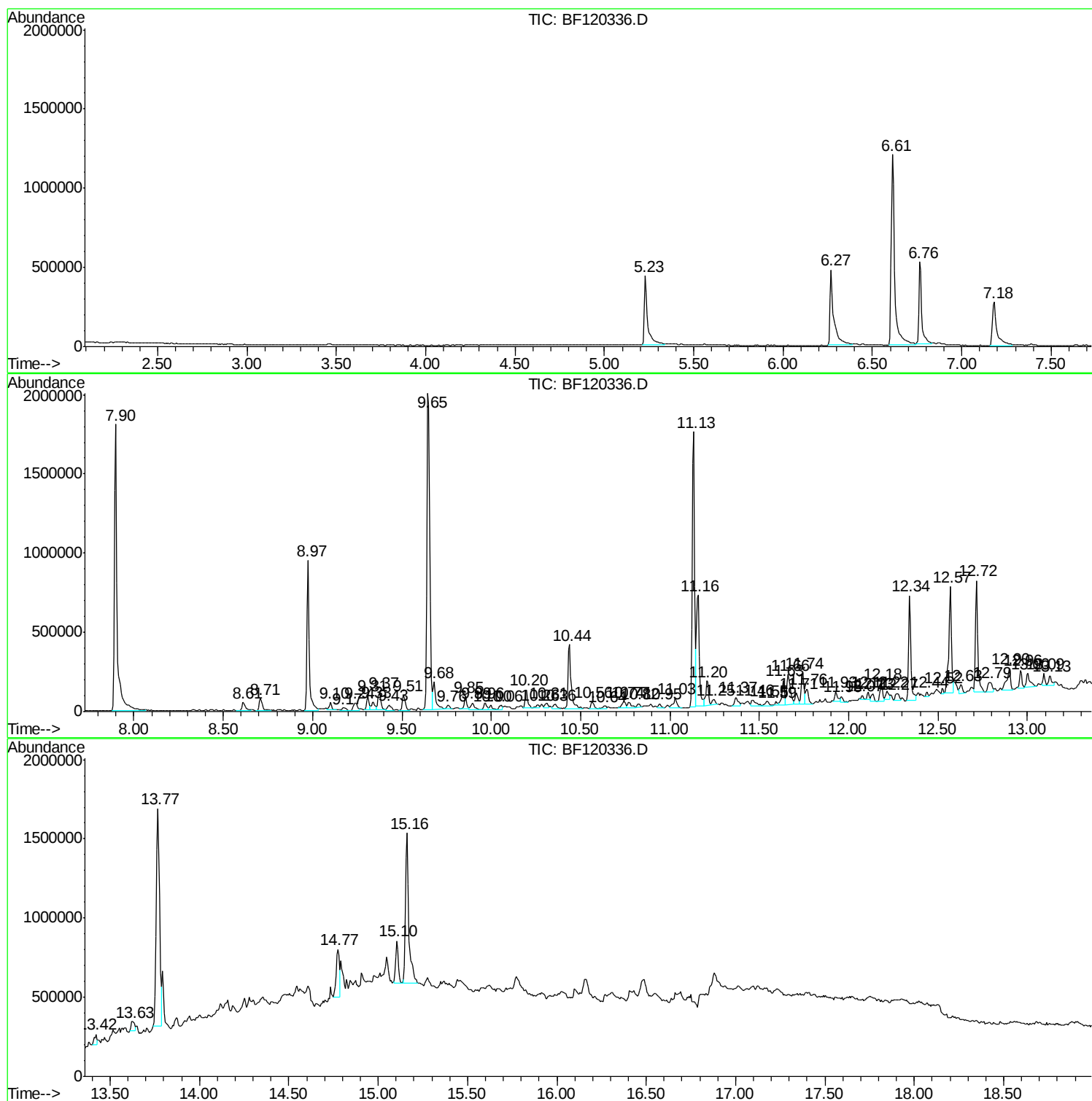
Sum of corrected areas: 21956309

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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.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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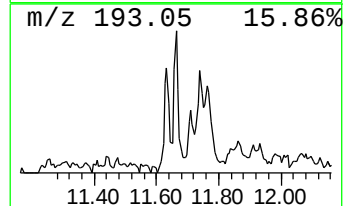
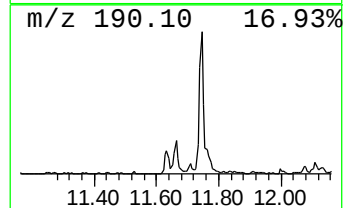
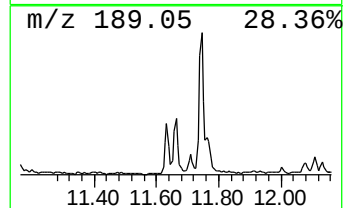
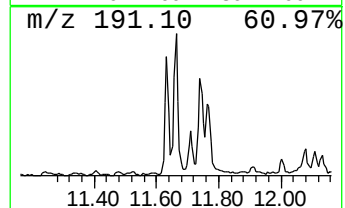
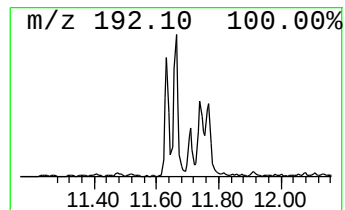
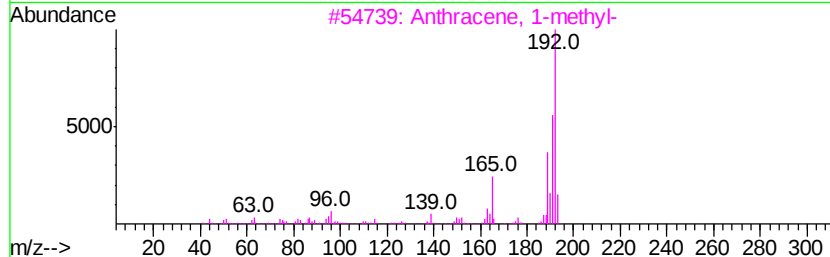
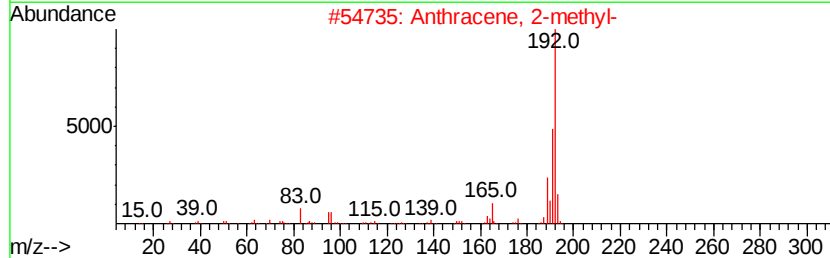
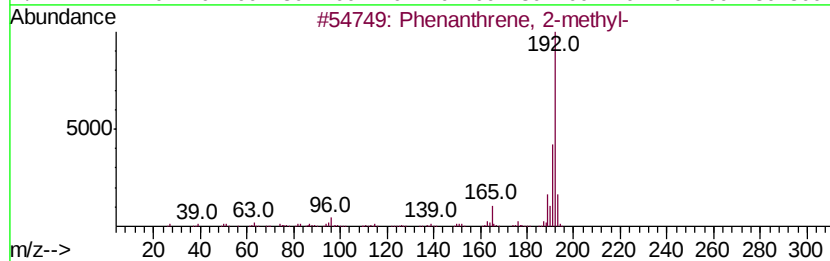
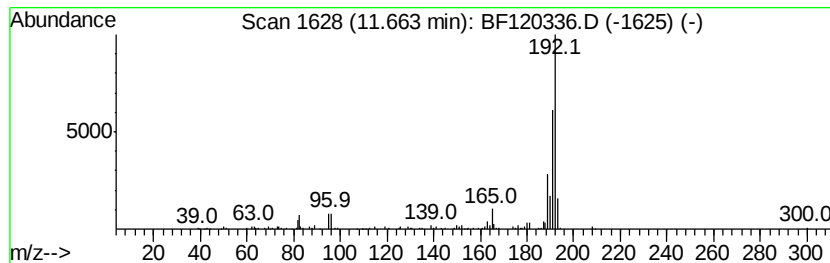
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	2.78 ng	241796	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



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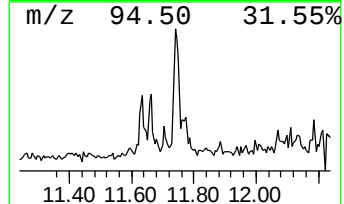
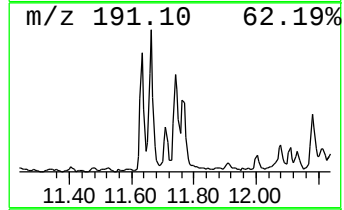
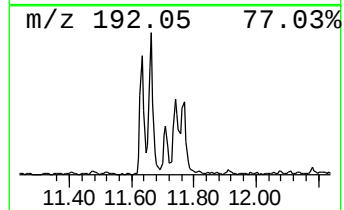
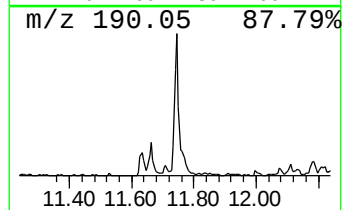
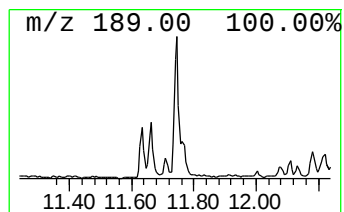
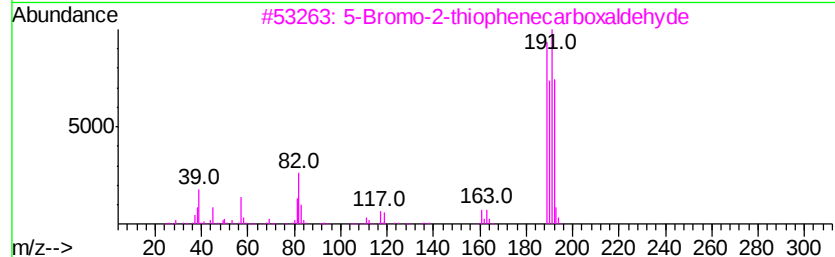
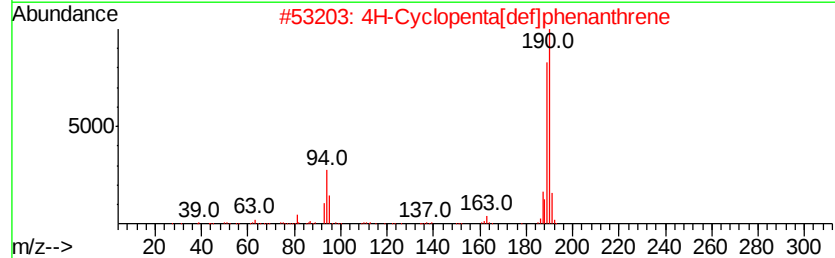
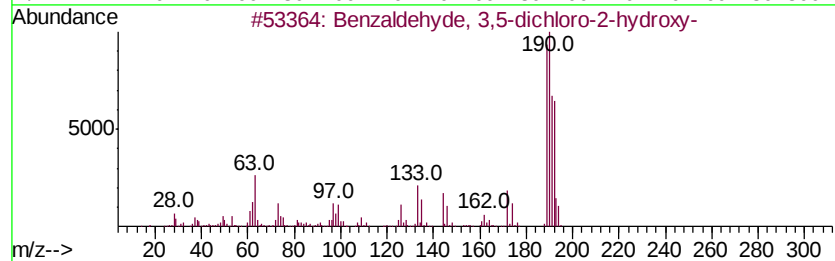
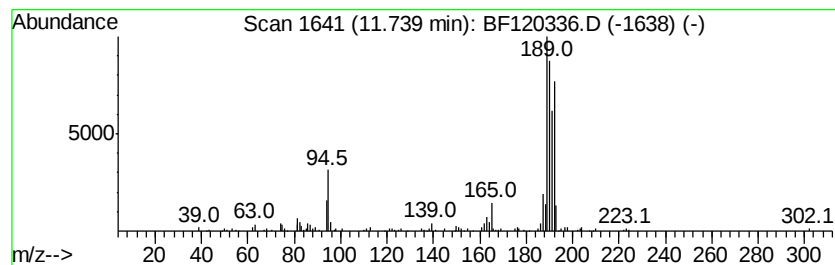
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.74	2.81 ng	245044	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



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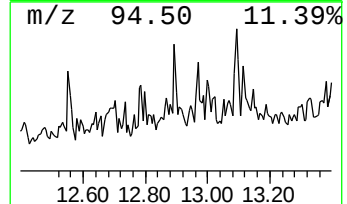
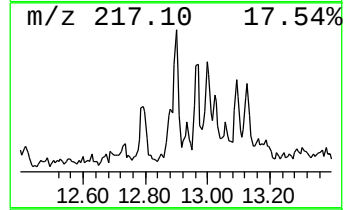
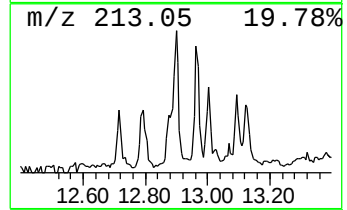
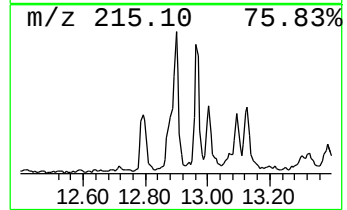
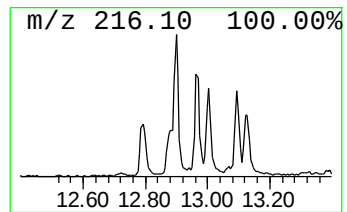
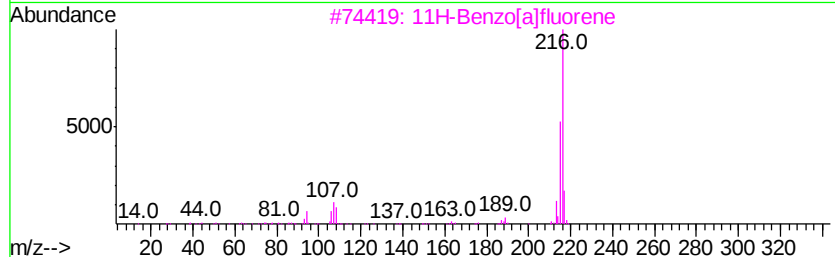
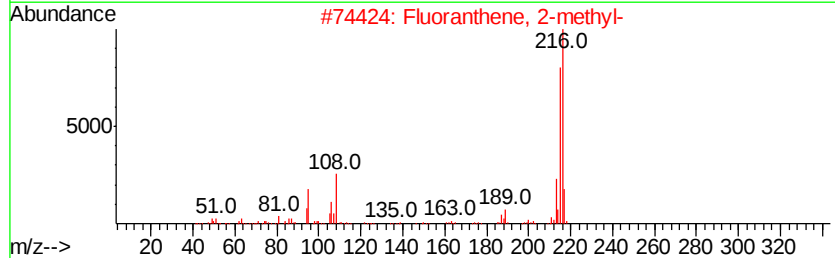
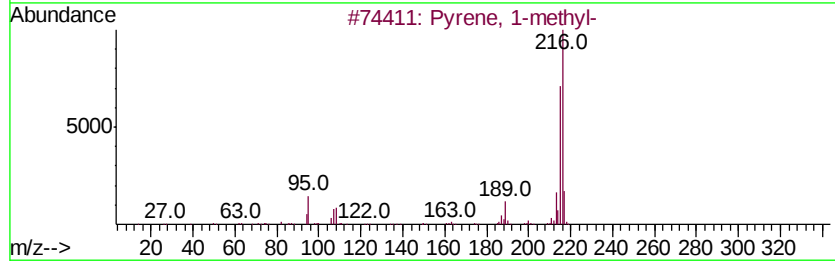
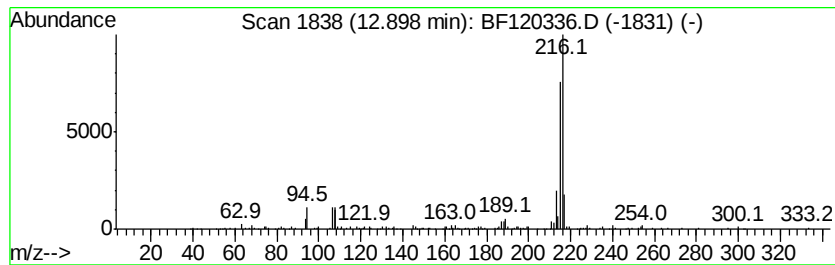
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.43 ng	200816	Chrysene-d12	13.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216 C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216 C17H12	033543-31-6	93
3	11H-Benzofluorene	216 C17H12	000238-84-6	91
4	Pyrene, 2-methyl-	216 C17H12	003442-78-2	91
5	11H-Benzo[b]fluorene	216 C17H12	000243-17-4	91



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TIC Library : C:\DATABASE\NIST11.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2-m...	11.66	2.8	ng	241796	4	11.13	1742090	20.0
Benzaldehyde, 3,5...	11.74	2.8	ng	245044	4	11.13	1742090	20.0
Pyrene, 1-methyl-	12.90	2.4	ng	200816	5	13.77	1654190	20.0