

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062219\
 Data File : BF115135.D
 Acq On : 22 Jun 2019 21:43
 Operator : HP/JU
 Sample : K3159-05 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-061919-A

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-BF062119.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	4.454	423	428	434	rVB	64297	73934	1.22%	0.111%
2	5.207	551	556	559	rBV	2784679	2587480	42.64%	3.882%
3	6.243	726	732	735	rBV	2897359	2732697	45.03%	4.100%
4	6.378	750	755	758	rBV	3308978	2858275	47.10%	4.288%
5	6.613	791	795	798	rBV	4979381	4259337	70.19%	6.391%
6	6.766	817	821	825	rBV	2589948	2236804	36.86%	3.356%
7	7.172	885	890	893	rBV	1844048	1697661	27.98%	2.547%
8	7.895	1008	1013	1016	rBV	6055416	5449022	89.80%	8.175%
9	8.601	1130	1133	1138	rVB	131725	100744	1.66%	0.151%
10	8.701	1146	1150	1153	rBV	176145	131477	2.17%	0.197%
11	8.966	1191	1195	1199	rBV	3454864	3041646	50.13%	4.564%
12	9.225	1235	1239	1243	rBV	130159	168026	2.77%	0.252%
13	9.301	1248	1252	1254	rBV	239754	203347	3.35%	0.305%
14	9.325	1254	1256	1259	rVB	147655	114279	1.88%	0.171%
15	9.360	1259	1262	1269	rBV	369717	339124	5.59%	0.509%
16	9.413	1269	1271	1273	rBV	93393	84428	1.39%	0.127%
17	9.495	1282	1285	1290	rBV	261178	215397	3.55%	0.323%
18	9.642	1305	1310	1313	rBV2	6399400	6068082	100.00%	9.104%
19	9.672	1313	1315	1319	rVB	192865	157102	2.59%	0.236%
20	9.748	1324	1328	1333	rBV	52976	73847	1.22%	0.111%
21	9.842	1339	1344	1348	rVV	186190	186511	3.07%	0.280%
22	9.883	1348	1351	1353	rVB	135740	106509	1.76%	0.160%
23	9.954	1359	1363	1366	rBV2	113787	138760	2.29%	0.208%
24	9.983	1366	1368	1371	rVB	94733	63720	1.05%	0.096%
25	10.048	1374	1379	1380	rBV3	70783	95241	1.57%	0.143%
26	10.148	1389	1396	1398	rBV3	93046	132440	2.18%	0.199%
27	10.178	1398	1401	1405	rVV	298742	252324	4.16%	0.379%
28	10.248	1408	1413	1414	rBV	58591	63028	1.04%	0.095%
29	10.336	1426	1428	1430	rBV	73830	66095	1.09%	0.099%
30	10.413	1437	1441	1447	rBV	1854626	1725885	28.44%	2.589%
31	10.548	1460	1464	1468	rBV3	61720	77826	1.28%	0.117%
32	10.725	1489	1494	1497	rBV3	124314	163530	2.69%	0.245%
33	10.754	1497	1499	1501	rVB2	81050	67614	1.11%	0.101%
34	10.807	1506	1508	1512	rVB2	79997	69266	1.14%	0.104%

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 Sampling : 1
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 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-BF062119.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.007	1540	1542	1546	rVB	110167	86592	1.43%	0.130%
36	11.113	1555	1560	1562	rBV	5730264	5717767	94.23%	8.579%
37	11.136	1562	1564	1567	rVV	1543536	1146471	18.89%	1.720%
38	11.183	1567	1572	1575	rVB	427535	371068	6.12%	0.557%
39	11.225	1575	1579	1582	rBV	96807	105006	1.73%	0.158%
40	11.436	1612	1615	1618	rVB	134930	124073	2.04%	0.186%
41	11.525	1627	1630	1633	rVB	78636	83443	1.38%	0.125%
42	11.607	1641	1644	1647	rBV	357235	338392	5.58%	0.508%
43	11.636	1647	1649	1651	rVV	525701	400695	6.60%	0.601%
44	11.660	1651	1653	1655	rVV	192982	159842	2.63%	0.240%
45	11.683	1655	1657	1659	rVV	209521	163171	2.69%	0.245%
46	11.719	1659	1663	1665	rVV	571904	577999	9.53%	0.867%
47	11.742	1665	1667	1670	rVB	295074	227376	3.75%	0.341%
48	11.842	1681	1684	1687	rVB	96979	76751	1.26%	0.115%
49	11.907	1692	1695	1696	rBV2	147323	136143	2.24%	0.204%
50	12.054	1718	1720	1723	rVB	105566	77210	1.27%	0.116%
51	12.083	1723	1725	1727	rBV	186352	142416	2.35%	0.214%
52	12.107	1727	1729	1732	rVB	151209	111460	1.84%	0.167%
53	12.160	1734	1738	1740	rBV	404745	416886	6.87%	0.625%
54	12.189	1740	1743	1745	rVV2	217690	207449	3.42%	0.311%
55	12.213	1745	1747	1749	rVV	113474	71534	1.18%	0.107%
56	12.242	1749	1752	1756	rVB3	122115	198850	3.28%	0.298%
57	12.313	1760	1764	1770	rBV	1772429	1458683	24.04%	2.189%
58	12.366	1770	1773	1777	rBV3	97302	129930	2.14%	0.195%
59	12.401	1777	1779	1783	rVB2	70241	63314	1.04%	0.095%
60	12.442	1783	1786	1788	rBV2	124509	136940	2.26%	0.205%
61	12.536	1797	1802	1805	rBV	1803467	1625114	26.78%	2.438%
62	12.566	1805	1807	1810	rVV2	133843	143249	2.36%	0.215%
63	12.601	1810	1813	1817	rVB3	172067	241909	3.99%	0.363%
64	12.660	1820	1823	1825	rBV	104960	88821	1.46%	0.133%
65	12.689	1825	1828	1832	rBV	2622992	2323588	38.29%	3.486%
66	12.760	1835	1840	1843	rBV3	185138	261070	4.30%	0.392%
67	12.866	1855	1858	1861	rVB	300540	313104	5.16%	0.470%
68	12.930	1866	1869	1872	rVV	235731	203724	3.36%	0.306%
69	12.966	1872	1875	1879	rVV	266713	229528	3.78%	0.344%
70	13.060	1888	1891	1894	rBV	218867	182699	3.01%	0.274%
71	13.089	1894	1896	1900	rVV	224082	181760	3.00%	0.273%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.477	1958	1962	1965	rBV2	139095	225603	3.72%	0.338%
73	13.613	1982	1985	1989	rBV4	193743	232625	3.83%	0.349%
74	13.730	2000	2005	2008	rBV	4347882	5292613	87.22%	7.941%
75	13.936	2038	2040	2044	rBV2	104703	104065	1.71%	0.156%
76	14.113	2068	2070	2073	rVB	192842	161485	2.66%	0.242%
77	14.236	2088	2091	2098	rBV3	271606	396286	6.53%	0.595%
78	14.530	2138	2141	2144	rBV3	260071	293289	4.83%	0.440%
79	14.718	2170	2173	2176	rBV	468332	618059	10.19%	0.927%
80	14.983	2215	2218	2223	rVB	292945	337461	5.56%	0.506%
81	15.036	2224	2227	2230	rBV	480774	450433	7.42%	0.676%
82	15.101	2233	2238	2247	rVV2	3067448	3944210	65.00%	5.918%
83	15.554	2312	2315	2319	rBV	190707	269069	4.43%	0.404%

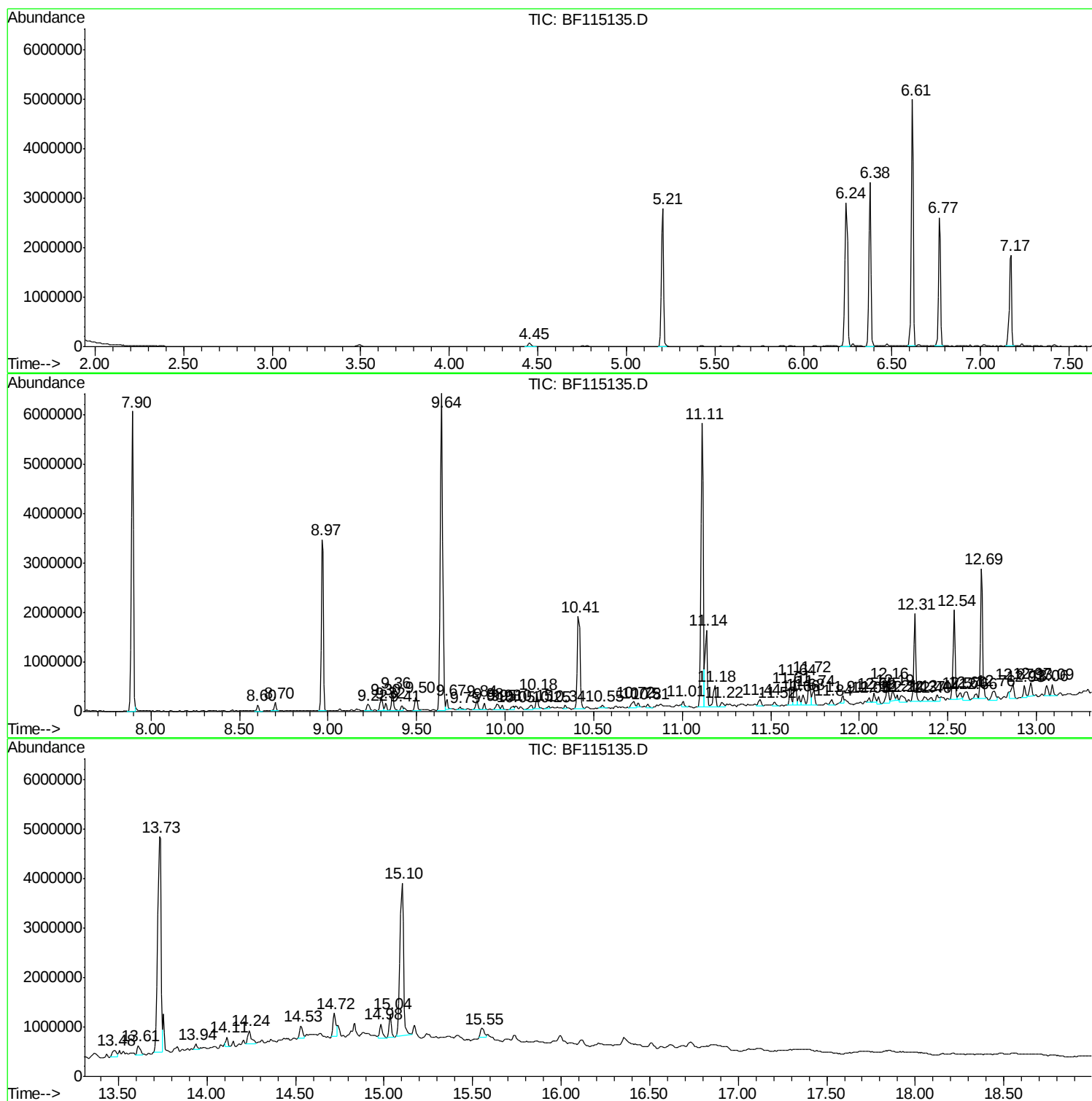
Sum of corrected areas: 66650683

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.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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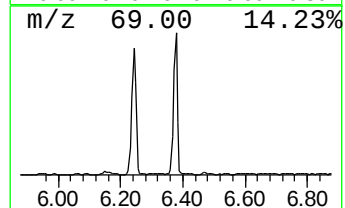
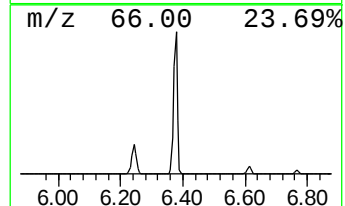
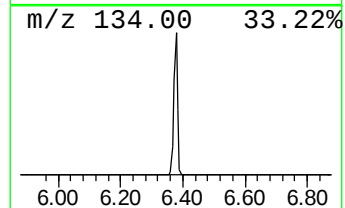
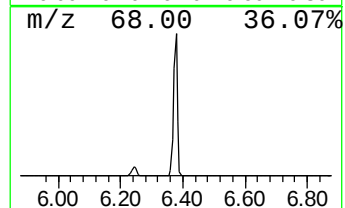
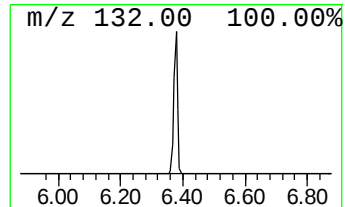
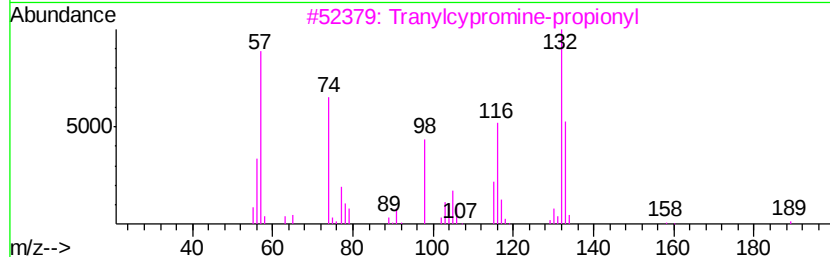
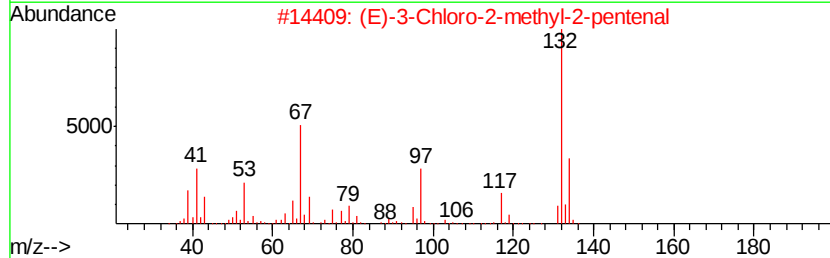
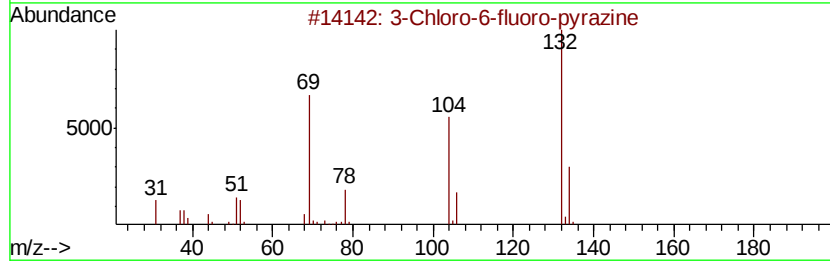
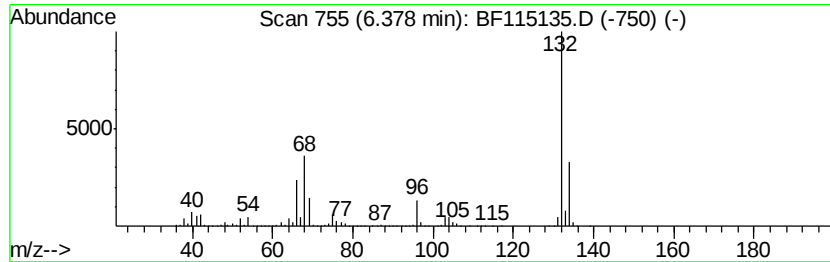
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	13.42 ng	2858280	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	16
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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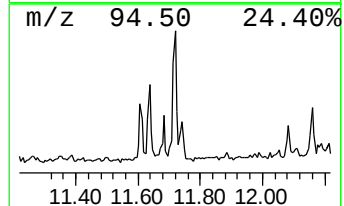
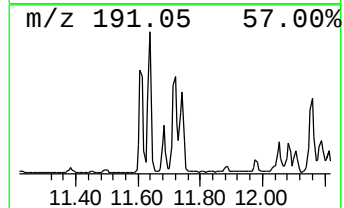
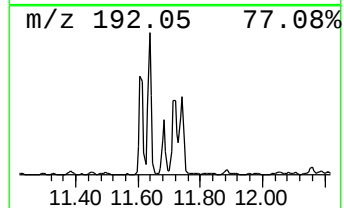
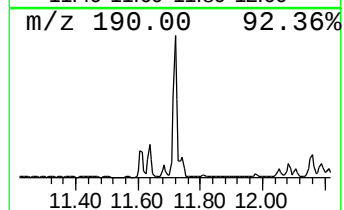
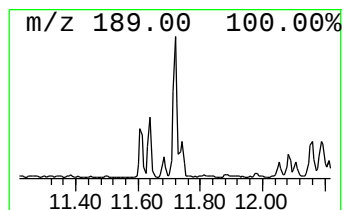
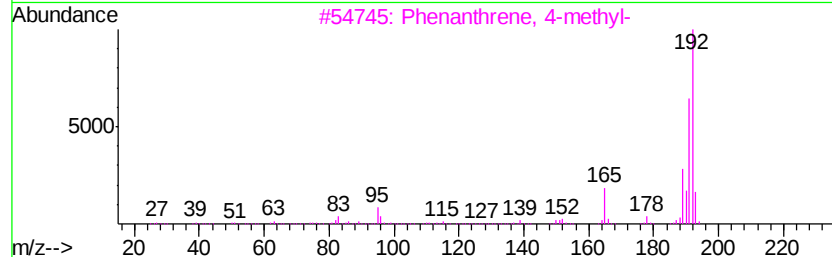
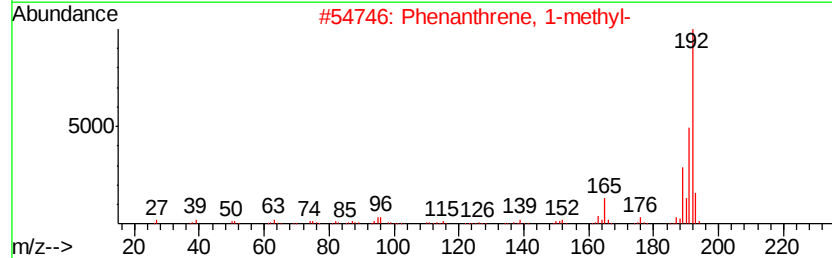
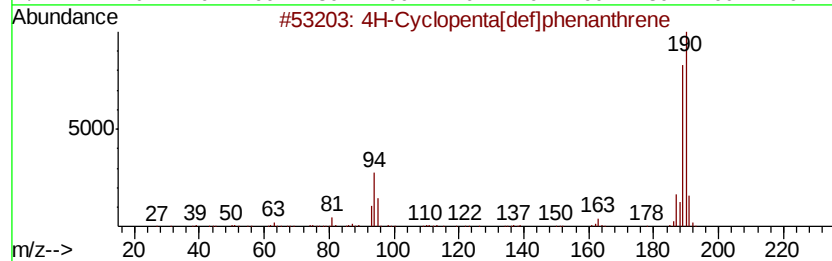
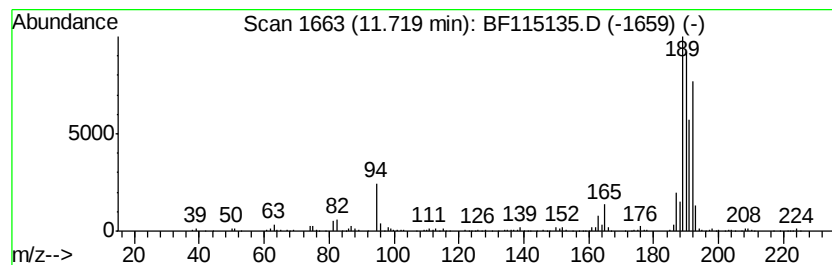
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TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.72	2.02 ng	577999	Phenanthrene-d10	11.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
4	6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	49
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.38	6.38	13.4	ng	2858280	1	6.61	4259340	20.0
4H-Cyclopenta[def...	11.72	2.0	ng	577999	4	11.11	5717770	20.0