

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004276.D
 Acq On : 14 Dec 2020 16:19
 Operator : CG/JU
 Sample : L5000-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54C0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP121020MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.840	107	111	118	rVB	144221	195317	2.35%	0.271%
2	5.046	313	316	323	rVB3	42328	64519	0.78%	0.090%
3	6.999	642	648	662	rVB2	660195	1278865	15.40%	1.775%
4	7.169	671	677	686	rBV	486929	763038	9.19%	1.059%
5	7.369	705	711	719	rBV	697225	1092357	13.15%	1.516%
6	7.434	719	722	726	rBV	23408	36437	0.44%	0.051%
7	7.840	784	791	798	rBV	1041568	1689630	20.34%	2.345%
8	8.540	903	910	917	rBV	751376	1218784	14.68%	1.691%
9	8.652	927	929	933	rVB3	7907	10190	0.12%	0.014%
10	8.993	980	987	995	rVB	611796	1004599	12.10%	1.394%
11	9.158	1012	1015	1021	rVB6	15613	26386	0.32%	0.037%
12	9.428	1056	1061	1067	rVB2	36160	57210	0.69%	0.079%
13	9.540	1075	1080	1086	rVB8	6242	13902	0.17%	0.019%
14	9.710	1102	1109	1117	rBV	500195	850397	10.24%	1.180%
15	9.952	1144	1150	1153	rBV6	9714	16273	0.20%	0.023%
16	10.252	1194	1201	1213	rBV	868122	1462145	17.61%	2.029%
17	10.493	1238	1242	1247	rVB8	4985	9734	0.12%	0.014%
18	10.634	1256	1266	1274	rBV	1522771	2554095	30.75%	3.544%
19	10.763	1281	1288	1301	rBV	415778	771534	9.29%	1.071%
20	11.422	1396	1400	1407	rBV9	8617	19306	0.23%	0.027%
21	11.675	1436	1443	1447	rBV9	7205	16734	0.20%	0.023%
22	11.810	1462	1466	1471	rBV8	6069	10774	0.13%	0.015%
23	11.928	1482	1486	1490	rBV7	5379	9207	0.11%	0.013%
24	12.063	1504	1509	1514	rBV6	10048	16343	0.20%	0.023%
25	12.122	1514	1519	1524	rVB9	5997	9043	0.11%	0.013%
26	12.204	1529	1533	1534	rVV4	10284	16578	0.20%	0.023%
27	12.222	1534	1536	1544	rVV3	16729	29447	0.35%	0.041%
28	12.299	1544	1549	1554	rVB5	11583	19081	0.23%	0.026%
29	12.404	1562	1567	1573	rBV10	3981	9970	0.12%	0.014%
30	12.516	1584	1586	1592	rVB7	6063	8607	0.10%	0.012%
31	12.751	1620	1626	1631	rBV10	9591	20046	0.24%	0.028%
32	12.981	1659	1665	1667	rBV7	5632	9924	0.12%	0.014%
33	13.022	1669	1672	1677	rVB7	6815	10976	0.13%	0.015%
34	13.087	1680	1683	1685	rBV4	7742	8441	0.10%	0.012%

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35	13.269	1708	1714	1717	rBV7	7056	11550	0.14%	0.016%
36	13.316	1717	1722	1727	rVV2	34395	50169	0.60%	0.070%
37	13.387	1727	1734	1737	rVV3	14031	26769	0.32%	0.037%
38	13.451	1741	1745	1747	rVB5	8927	11155	0.13%	0.015%
39	13.651	1774	1779	1785	rBV9	11347	28045	0.34%	0.039%
40	13.722	1787	1791	1794	rVV6	7060	9788	0.12%	0.014%
41	13.804	1800	1805	1809	rBV4	11448	23497	0.28%	0.033%
42	13.887	1811	1819	1824	rVV	1427622	2057983	24.78%	2.856%
43	13.934	1824	1827	1833	rVV	419099	572250	6.89%	0.794%
44	14.016	1837	1841	1843	rBV5	7559	9273	0.11%	0.013%
45	14.175	1857	1868	1877	rBV	1852247	2819741	33.95%	3.913%
46	14.304	1887	1890	1898	rVB10	10370	22384	0.27%	0.031%
47	14.393	1901	1905	1910	rBV	31739	43098	0.52%	0.060%
48	14.487	1913	1921	1927	rVV	2318446	3545765	42.69%	4.921%
49	14.545	1927	1931	1939	rVB2	24947	48844	0.59%	0.068%
50	14.681	1948	1954	1967	rBV	560176	882296	10.62%	1.224%
51	14.834	1975	1980	1986	rBV3	38539	68737	0.83%	0.095%
52	14.898	1986	1991	1997	rVV4	37965	84663	1.02%	0.117%
53	14.957	1999	2001	2006	rVV4	14233	19630	0.24%	0.027%
54	15.016	2009	2011	2017	rVB7	13999	19831	0.24%	0.028%
55	15.281	2054	2056	2059	rBV4	7924	9468	0.11%	0.013%
56	15.351	2064	2068	2072	rBV2	28813	34698	0.42%	0.048%
57	15.481	2084	2090	2096	rBV	2189297	3267225	39.34%	4.534%
58	15.540	2096	2100	2104	rVB2	38414	54206	0.65%	0.075%
59	15.604	2107	2111	2117	rVB	193826	276685	3.33%	0.384%
60	15.922	2160	2165	2167	rBV6	15412	25214	0.30%	0.035%
61	15.975	2172	2174	2183	rVB10	17441	46106	0.56%	0.064%
62	16.216	2211	2215	2222	rBV4	58938	117034	1.41%	0.162%
63	17.016	2348	2351	2355	rVB2	36019	45746	0.55%	0.063%
64	17.063	2356	2359	2363	rVB2	72518	96016	1.16%	0.133%
65	17.245	2384	2390	2394	rBV	2996101	4138021	49.83%	5.743%
66	17.287	2394	2397	2402	rVB	947438	1260170	15.17%	1.749%
67	17.345	2402	2407	2412	rBV2	2396020	3520838	42.39%	4.886%
68	17.439	2419	2423	2429	rBV	77967	118344	1.42%	0.164%
69	17.651	2455	2459	2469	rVB	130535	204490	2.46%	0.284%
70	18.116	2535	2538	2540	rBV	120826	165151	1.99%	0.229%
71	18.163	2543	2546	2550	rVB	208169	288095	3.47%	0.400%

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72	18.304	2565	2570	2574	rBV2	250251	426612	5.14%	0.592%
73	18.598	2617	2620	2623	rBV	159046	217960	2.62%	0.302%
74	18.639	2623	2627	2634	rVB2	320345	480925	5.79%	0.667%
75	19.139	2710	2712	2718	rVB	161331	199883	2.41%	0.277%
76	19.263	2728	2733	2740	rVB	4900121	6204390	74.71%	8.610%
77	19.586	2783	2788	2791	rBV2	3611815	5799098	69.83%	8.048%
78	19.616	2791	2793	2800	rVB	4020161	4544965	54.73%	6.307%
79	21.339	3080	3086	3090	rBV2	4010131	8304895	100.00%	11.525%
80	21.380	3090	3093	3101	rVB	2602338	3470005	41.78%	4.815%
81	22.998	3363	3368	3373	rBV	2464102	5057571	60.90%	7.019%

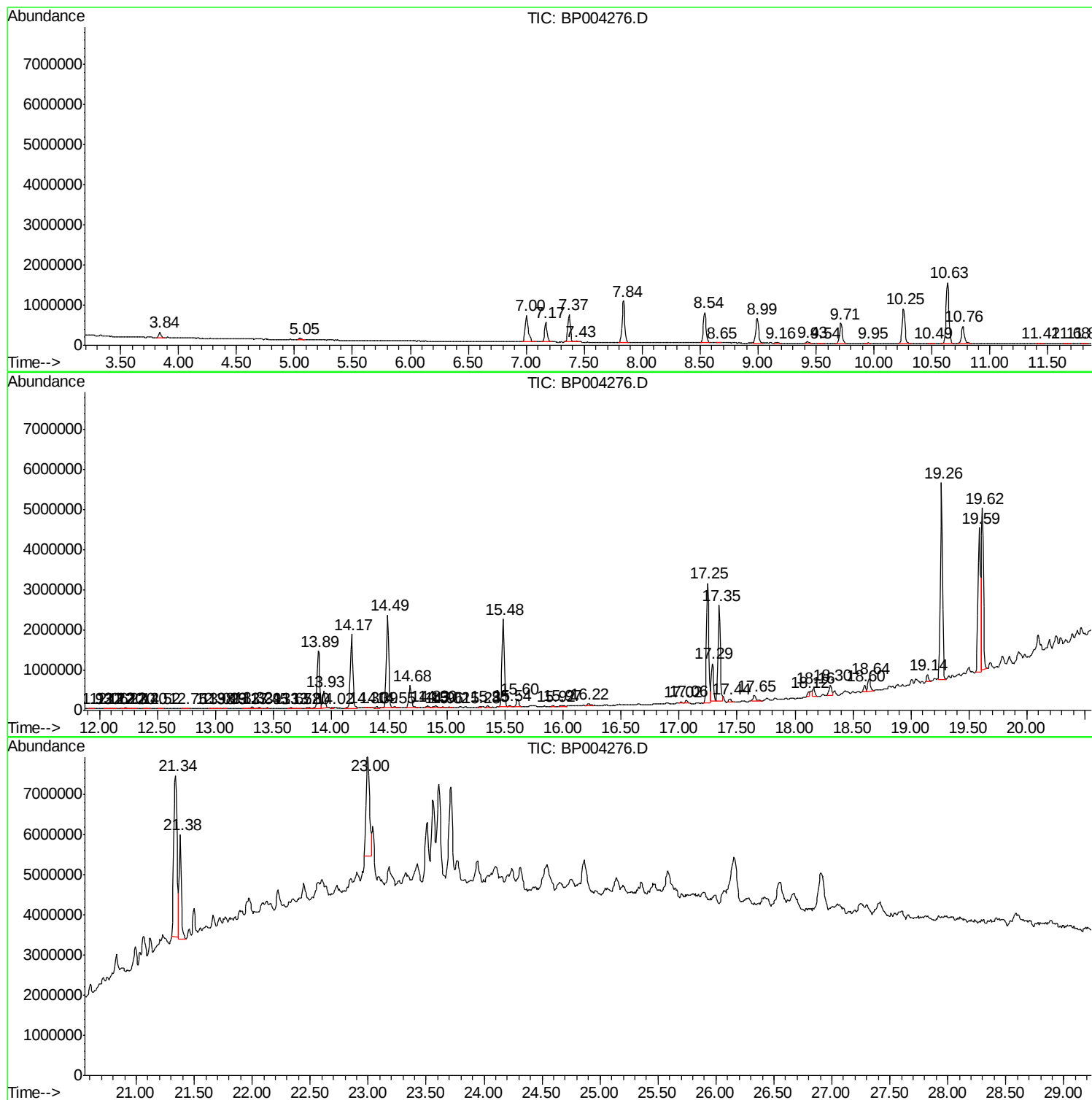
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : CG/JU
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Instrument :
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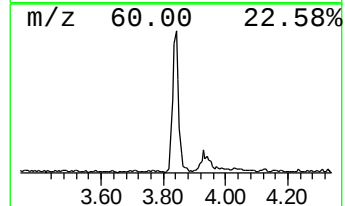
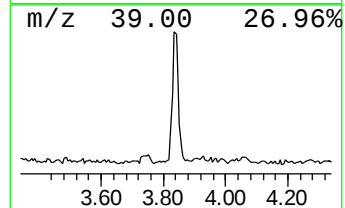
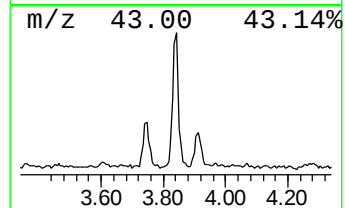
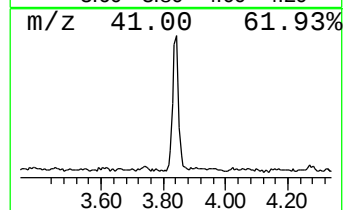
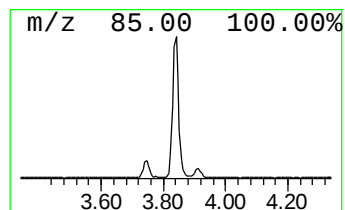
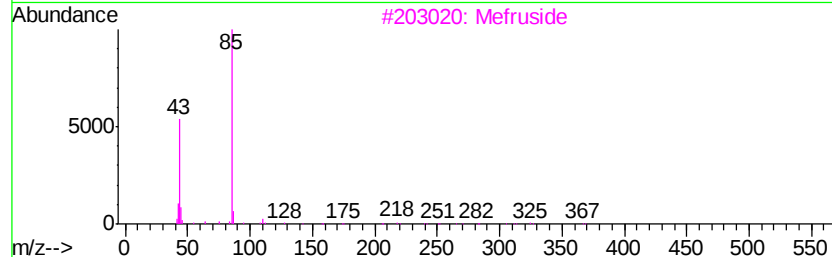
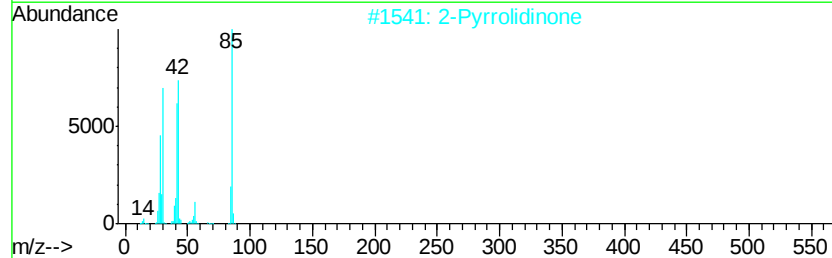
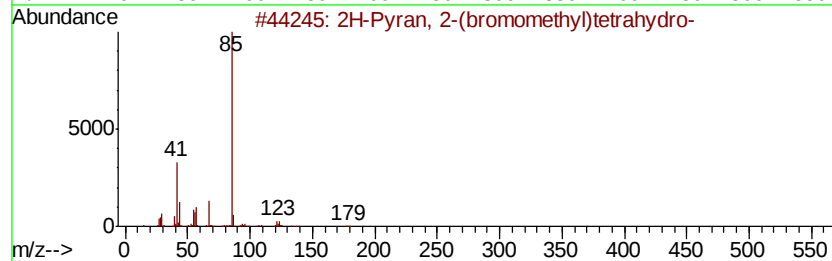
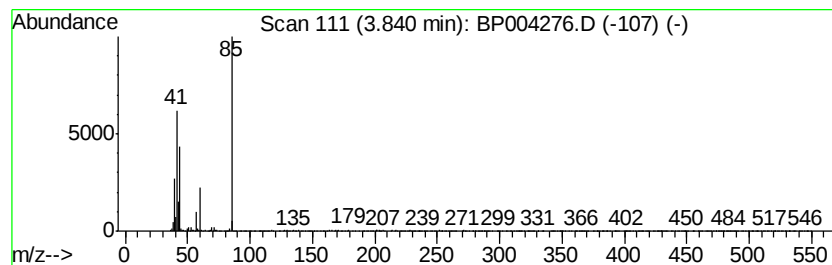
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.84	2.31 ng/ul	195317	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	42
2		2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
3		Mefruside	382	C13H19ClN2O5S2	007195-27-9	36
4		Malonic acid, di(3,3-dimethylbut...	272	C15H28O4	1000348-67-0	36
5		1-Bromo-8-tetrahydropyranyloxyoc...	292	C13H25BrO2	050816-20-1	36



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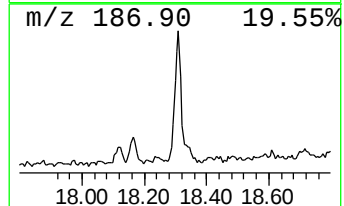
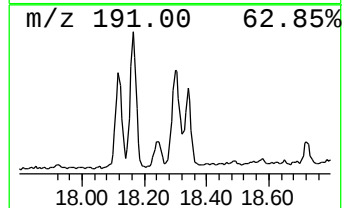
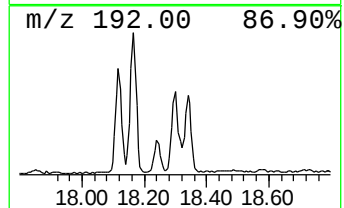
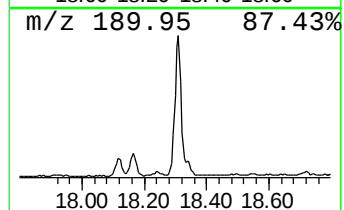
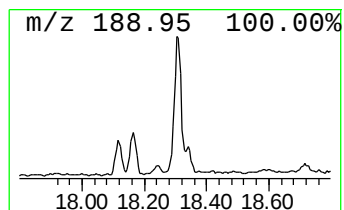
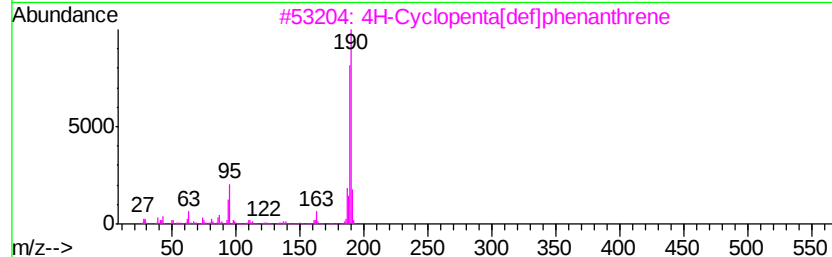
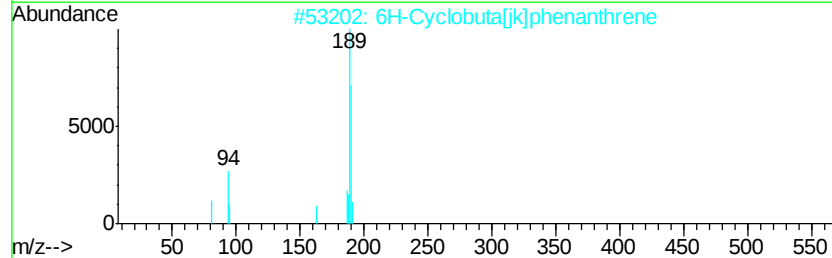
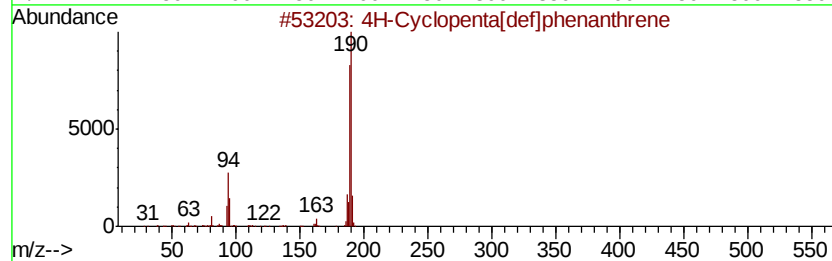
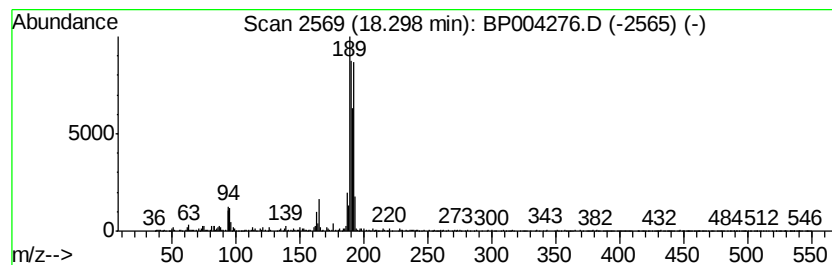
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.06 ng/ul	426612	Phenanthrene-d10	17.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



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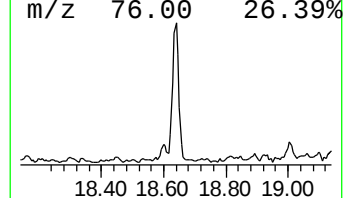
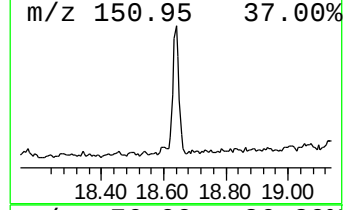
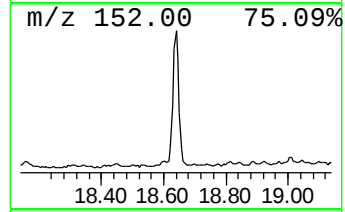
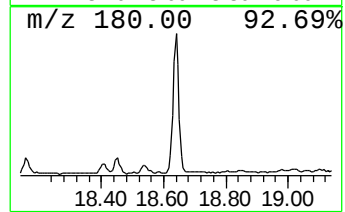
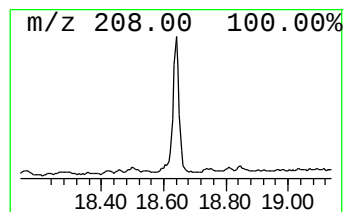
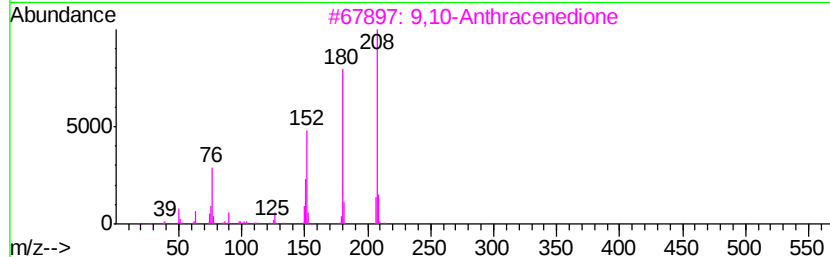
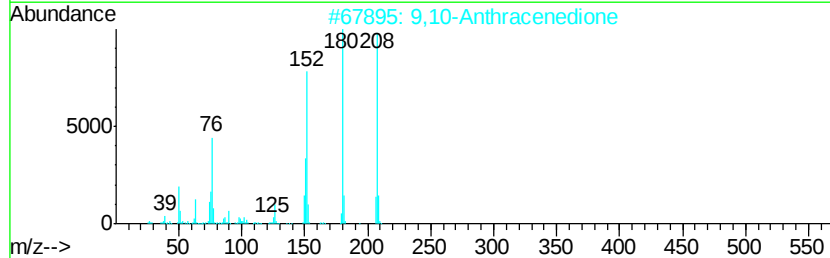
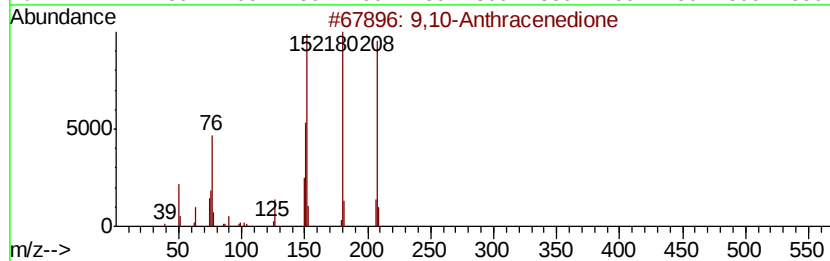
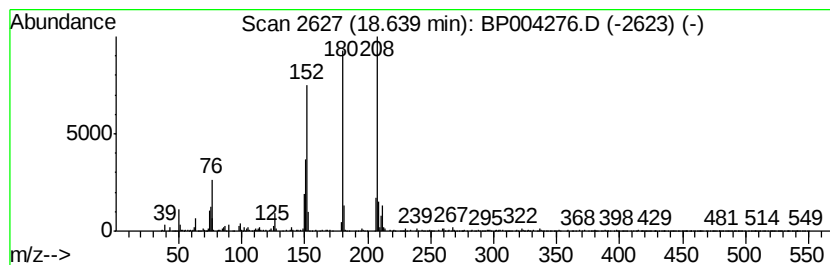
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.32 ng/ul	480925	Phenanthrene-d10	17.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.84	2.3	ng/ul	195317	1	7.84	1689630	20.0
4H-Cyclopenta[def...	18.30	2.1	ng/ul	426612	4	17.25	4138020	20.0
9,10-Anthracenedione	18.64	2.3	ng/ul	480925	4	17.25	4138020	20.0