

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022321\
 Data File : BP004854.D
 Acq On : 23 Feb 2021 11:24
 Operator : CG/JU
 Sample : M1326-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 X2Z55

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\SFAM-EPA-BP022221.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	3.252	8	11	14	rBV2	10467	16394	1.16%	0.040%
2	3.287	14	17	26	rVB	30910	56336	3.99%	0.138%
3	3.664	78	81	99	rBV	127888	281728	19.94%	0.691%
4	3.981	130	135	141	rVB3	3645	6687	0.47%	0.016%
5	4.305	187	190	194	rVB6	1518	1916	0.14%	0.005%
6	4.358	196	199	205	rVB8	1544	3127	0.22%	0.008%
7	4.528	227	228	234	rVB6	1339	2072	0.15%	0.005%
8	4.581	234	237	238	rBV2	2571	2461	0.17%	0.006%
9	4.893	285	290	300	rBV	91197	142086	10.06%	0.348%
10	5.964	468	472	478	rVB5	3462	5283	0.37%	0.013%
11	6.746	600	605	610	rBV9	1519	2318	0.16%	0.006%
12	6.964	629	642	654	rBV2	540503	1228412	86.94%	3.011%
13	7.093	658	664	673	rVV	191740	301127	21.31%	0.738%
14	7.293	690	698	700	rBV	299779	469937	33.26%	1.152%
15	7.322	700	703	715	rVB	314071	490297	34.70%	1.202%
16	7.752	770	776	785	rBV	190538	306505	21.69%	0.751%
17	7.981	810	815	821	rBV9	3330	6186	0.44%	0.015%
18	8.205	845	853	859	rBV	244452	385942	27.32%	0.946%
19	8.287	859	867	873	rVV3	206302	499986	35.39%	1.226%
20	8.334	873	875	882	rVB	22755	31054	2.20%	0.076%
21	8.422	887	890	891	rBV2	1758	1995	0.14%	0.005%
22	8.469	891	898	903	rVV	335828	535305	37.89%	1.312%
23	8.528	903	908	917	rVB	341356	530897	37.58%	1.301%
24	8.828	950	959	966	rBV	356551	570121	40.35%	1.398%
25	8.911	966	973	977	rVV	259348	419703	29.71%	1.029%
26	8.952	977	980	992	rVB2	153787	238254	16.86%	0.584%
27	9.628	1084	1095	1098	rBV	236098	407317	28.83%	0.998%
28	9.663	1098	1101	1109	rVV	279190	419723	29.71%	1.029%
29	9.734	1109	1113	1115	rVV3	4133	6390	0.45%	0.016%
30	9.769	1115	1119	1124	rVB5	4910	8295	0.59%	0.020%
31	9.963	1145	1152	1162	rBV	229223	346431	24.52%	0.849%
32	10.175	1179	1188	1189	rBV	370505	551669	39.05%	1.352%
33	10.199	1189	1192	1204	rVB	451047	700242	49.56%	1.716%
34	10.546	1241	1251	1255	rBV	233444	401059	28.39%	0.983%

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35	10.593	1255	1259	1267	rVV	544104	879855	62.27%	2.157%
36	10.687	1267	1275	1290	rVV	253826	447426	31.67%	1.097%
37	11.252	1362	1371	1376	rBV5	4015	8439	0.60%	0.021%
38	11.322	1379	1383	1388	rVB2	4374	6901	0.49%	0.017%
39	11.481	1402	1410	1413	rBV2	61804	118400	8.38%	0.290%
40	12.075	1505	1511	1518	rBV	90669	150090	10.62%	0.368%
41	12.134	1518	1521	1527	rVB3	5161	8542	0.60%	0.021%
42	12.210	1527	1534	1543	rBV	338614	531322	37.61%	1.302%
43	12.340	1548	1556	1563	rBV6	5806	11896	0.84%	0.029%
44	12.434	1564	1572	1583	rVB	582224	921165	65.20%	2.258%
45	12.581	1590	1597	1604	rBV	460570	687576	48.66%	1.685%
46	12.634	1604	1606	1614	rVB6	2747	4016	0.28%	0.010%
47	12.828	1633	1639	1646	rBV	296060	446077	31.57%	1.093%
48	12.904	1646	1652	1667	rVB	141057	226944	16.06%	0.556%
49	13.234	1701	1708	1711	rBV	556453	828836	58.66%	2.032%
50	13.269	1711	1714	1723	rVB	406768	601547	42.58%	1.475%
51	13.581	1763	1767	1772	rVB6	1279	1690	0.12%	0.004%
52	13.816	1799	1807	1811	rBV	561119	776261	54.94%	1.903%
53	13.863	1811	1815	1825	rVV	254153	338380	23.95%	0.829%
54	13.981	1829	1835	1841	rBV	170718	226352	16.02%	0.555%
55	14.093	1846	1854	1864	rBV	636386	923747	65.38%	2.264%
56	14.404	1899	1907	1912	rBV	338971	495196	35.05%	1.214%
57	14.469	1912	1918	1927	rVB	672530	962272	68.11%	2.359%
58	14.634	1937	1946	1955	rBV3	363049	739766	52.36%	1.813%
59	14.722	1955	1961	1968	rVV	677905	950923	67.30%	2.331%
60	14.775	1968	1970	1974	rVV5	2202	2937	0.21%	0.007%
61	14.840	1977	1981	1989	rVB5	1496	3808	0.27%	0.009%
62	15.046	2012	2016	2018	rBV4	1245	1517	0.11%	0.004%
63	15.234	2042	2048	2054	rBV	363232	479094	33.91%	1.174%
64	15.304	2058	2060	2064	rVB4	1080	1471	0.10%	0.004%
65	15.398	2069	2076	2085	rBV	747880	1089393	77.10%	2.670%
66	15.522	2091	2097	2106	rBV	270106	369662	26.16%	0.906%
67	15.640	2113	2117	2123	rVB2	9215	12199	0.86%	0.030%
68	15.740	2130	2134	2138	rBV6	2595	4409	0.31%	0.011%
69	16.051	2182	2187	2191	rBV5	3503	5123	0.36%	0.013%
70	16.192	2206	2211	2214	rBV5	2798	3881	0.27%	0.010%
71	16.351	2231	2238	2243	rBV	473288	638383	45.18%	1.565%

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72	16.463	2249	2257	2268	rVB	368213	512812	36.30%	1.257%
73	16.840	2317	2321	2325	rVB6	1725	2985	0.21%	0.007%
74	16.981	2336	2345	2355	rVB	922945	1278928	90.52%	3.135%
75	17.157	2369	2375	2385	rVB	412990	563337	39.87%	1.381%
76	17.257	2385	2392	2396	rBV	806663	1218472	86.24%	2.987%
77	17.292	2396	2398	2405	rVV	410399	478229	33.85%	1.172%
78	17.357	2408	2409	2415	rVB6	2769	3500	0.25%	0.009%
79	17.404	2415	2417	2422	rBV5	1010	1721	0.12%	0.004%
80	17.639	2451	2457	2465	rBV	807178	1008543	71.38%	2.472%
81	18.063	2523	2529	2531	rBV6	2065	2999	0.21%	0.007%
82	18.122	2533	2539	2545	rBV	720041	902746	63.89%	2.213%
83	18.786	2649	2652	2654	rBV4	1984	1898	0.13%	0.005%
84	19.063	2696	2699	2700	rBV2	2154	2323	0.16%	0.006%
85	19.145	2709	2713	2717	rBV	9432	11059	0.78%	0.027%
86	19.228	2724	2727	2728	rBV3	1850	1562	0.11%	0.004%
87	19.392	2751	2755	2757	rBV2	7853	11574	0.82%	0.028%
88	19.504	2767	2774	2776	rBV2	975479	1412896	100.00%	3.463%
89	19.528	2776	2778	2785	rVB	841006	970112	68.66%	2.378%
90	20.404	2922	2927	2931	rBV	313422	331008	23.43%	0.811%
91	21.033	3031	3034	3037	rVB	18547	18707	1.32%	0.046%
92	21.163	3051	3056	3061	rBV	1267446	1319899	93.42%	3.235%
93	21.245	3063	3070	3077	rBV2	608517	1161295	82.19%	2.847%
94	21.363	3087	3090	3094	rBV5	19362	25392	1.80%	0.062%
95	22.898	3345	3351	3359	rVB	669408	1105126	78.22%	2.709%
96	23.404	3430	3437	3441	rBV	665671	1296486	91.76%	3.178%
97	23.451	3441	3445	3453	rVB	580691	1045596	74.00%	2.563%
98	23.551	3456	3462	3471	rVB2	320670	612540	43.35%	1.501%
99	25.916	3856	3864	3875	rVB	394835	1087849	76.99%	2.667%
100	26.645	3978	3988	3999	rVB	362903	1122949	79.48%	2.753%

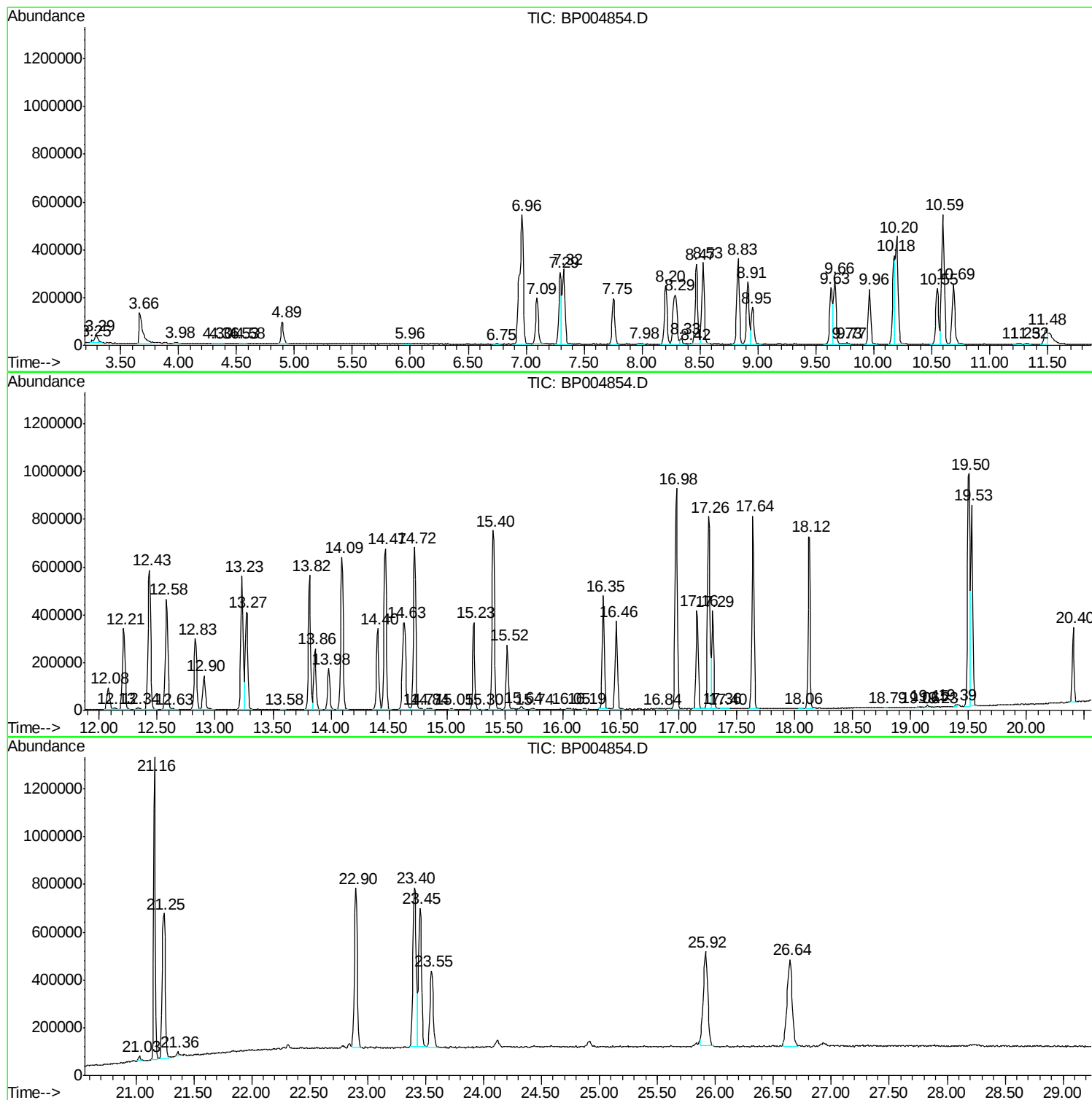
Sum of corrected areas: 40795294

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP022221.M
Quant Title : SVOA CALIBRATION

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



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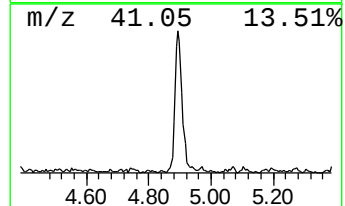
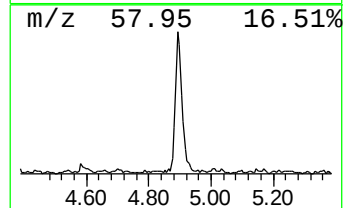
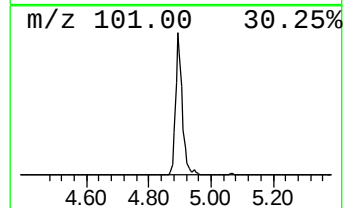
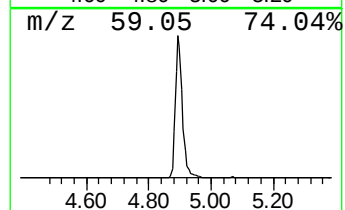
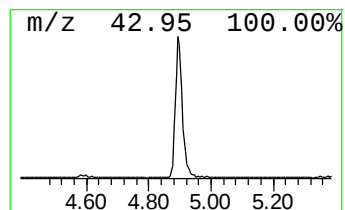
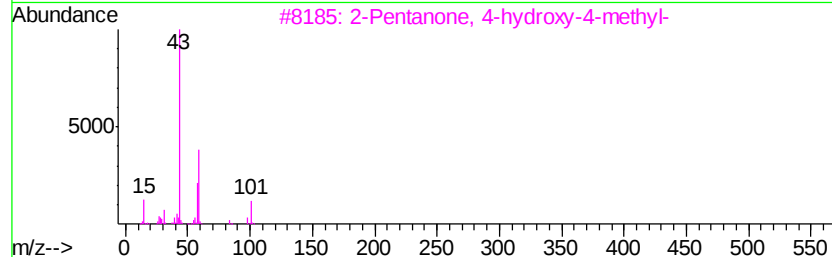
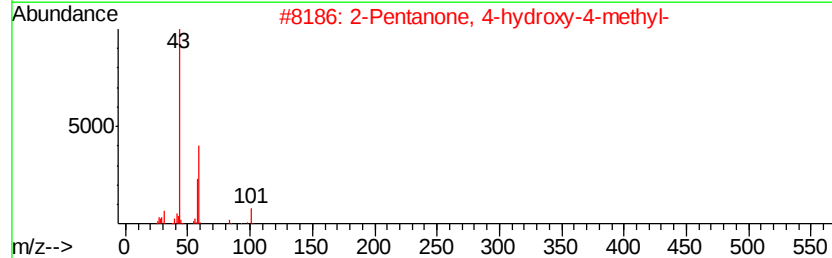
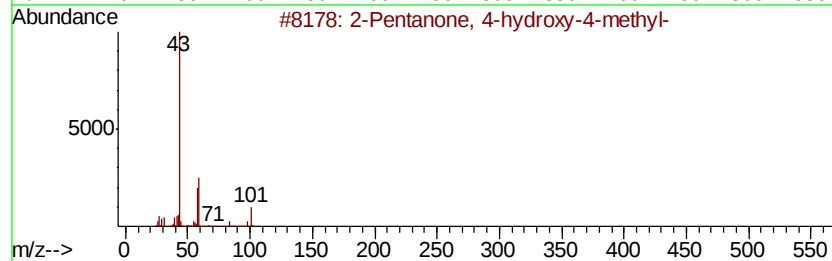
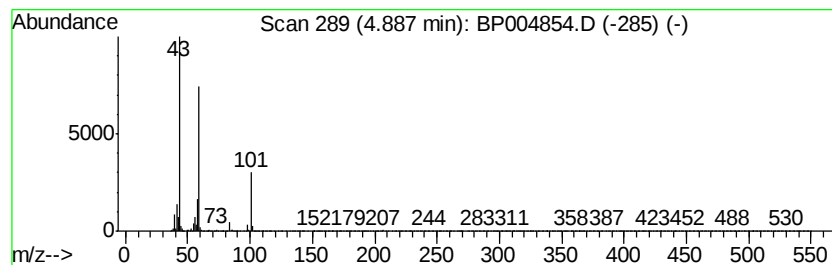
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP022221.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	9.27 ng/ul	142086	1,4-Dichlorobenzene-d4	7.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
4			Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38



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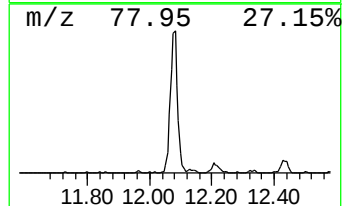
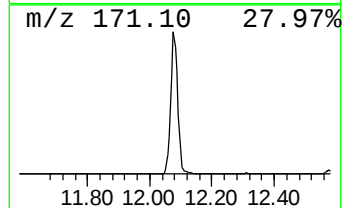
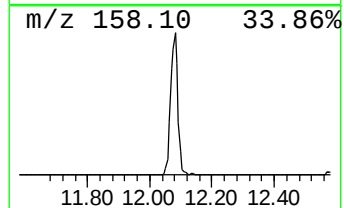
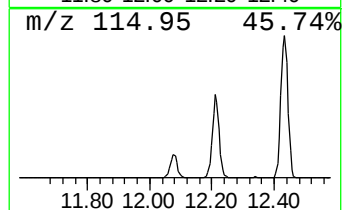
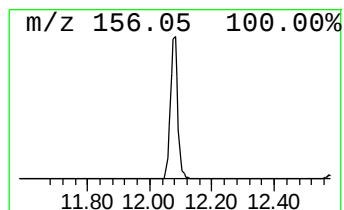
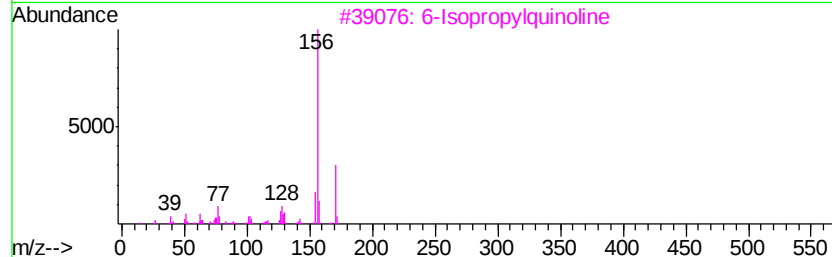
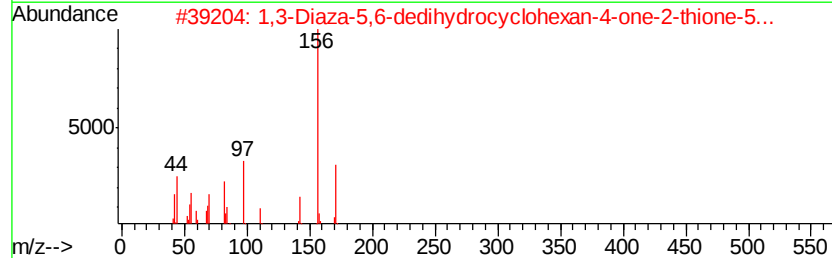
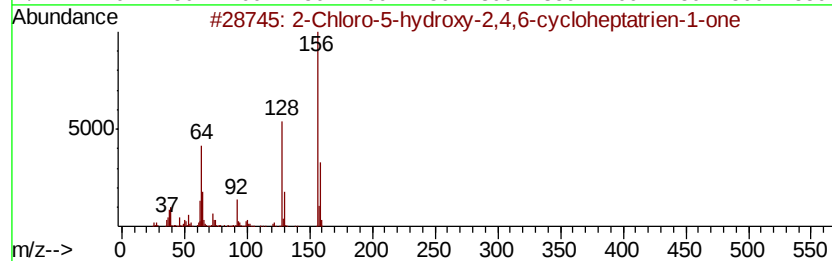
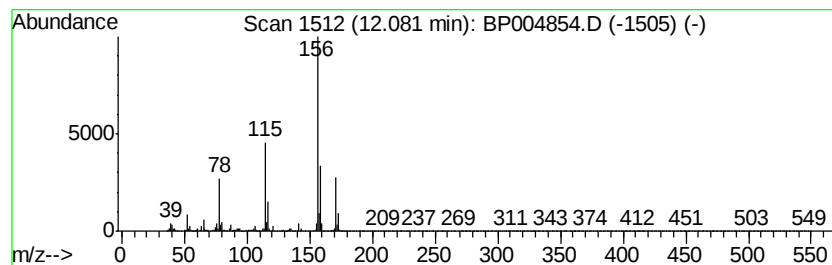
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Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	7.48 ng/ul	150090	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
2		1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	38
3		6-Isopropylquinoline	171	C12H13N	000135-79-5	38
4		Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
5		2,2'-Bipyridine	156	C10H8N2	000366-18-7	25



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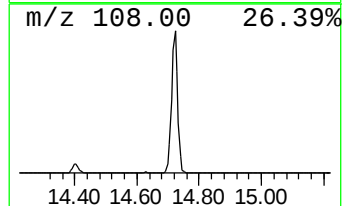
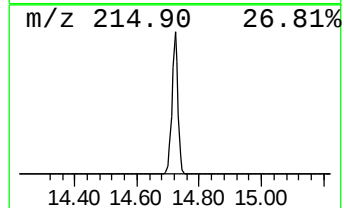
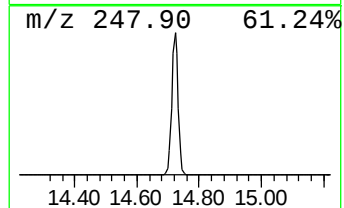
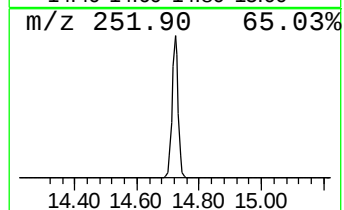
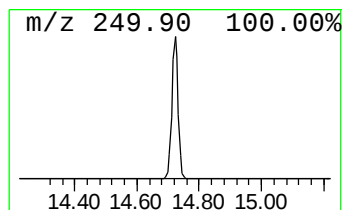
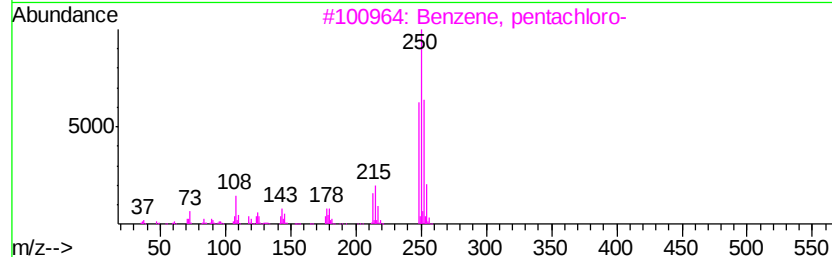
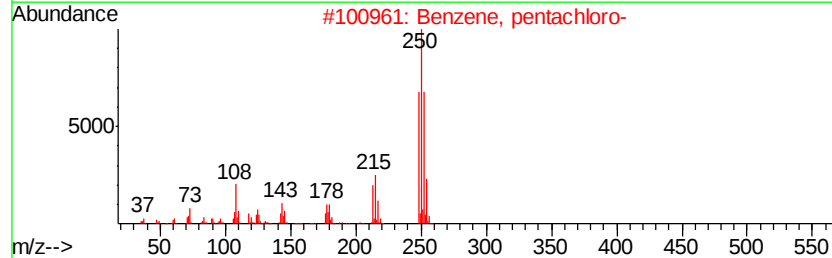
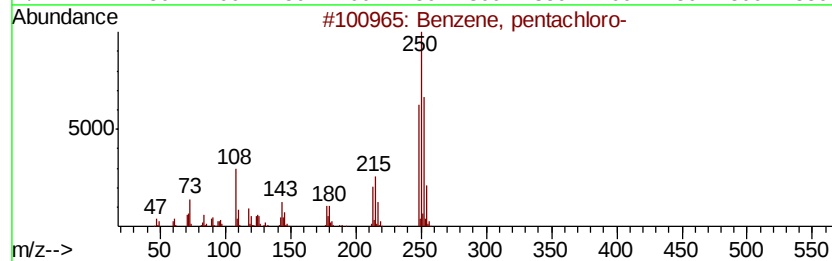
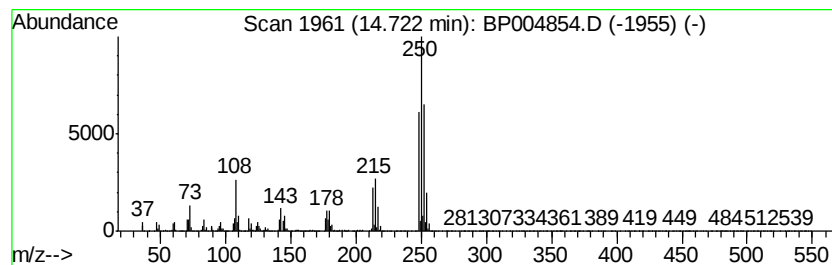
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, pentachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	38.41 ng/ul	950923	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentachloro-	248	C6HCl5	000608-93-5	99
2		Benzene, pentachloro-	248	C6HCl5	000608-93-5	99
3		Benzene, pentachloro-	248	C6HCl5	000608-93-5	99
4		Benzene, pentachloro-	248	C6HCl5	000608-93-5	96
5		Benzene, pentachloro-	248	C6HCl5	000608-93-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022321\
Data File : BP004854.D
Acq On : 23 Feb 2021 11:24
Operator : CG/JU
Sample : M1326-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
X2Z55

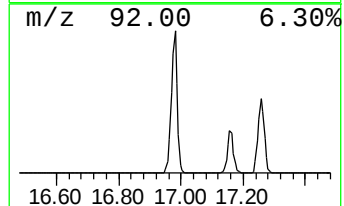
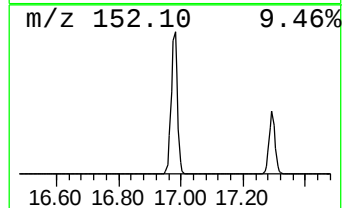
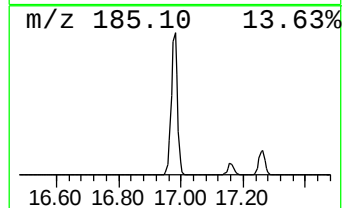
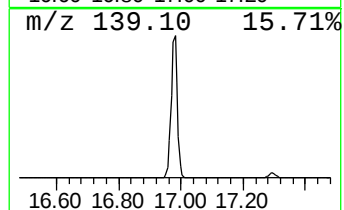
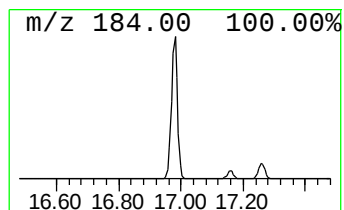
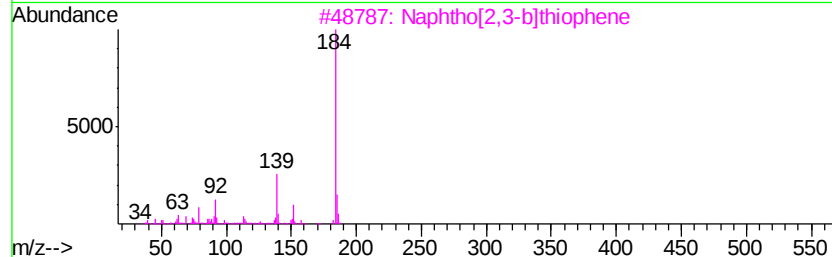
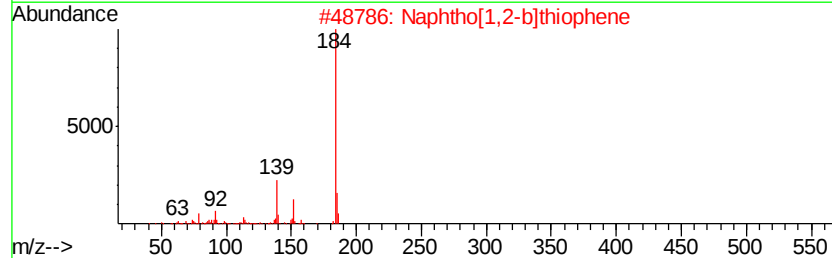
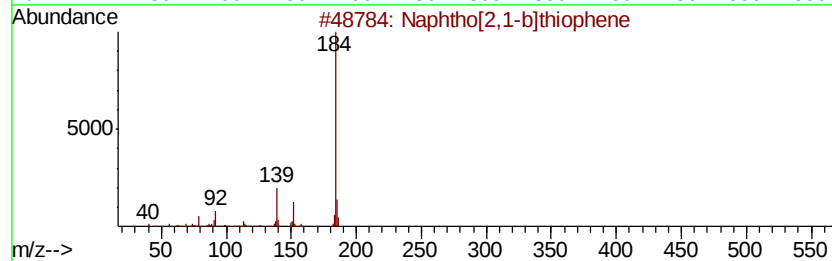
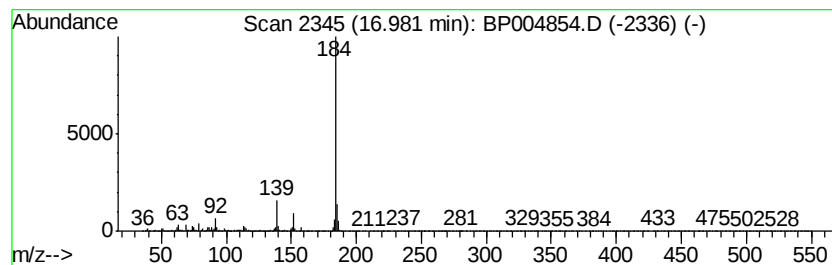
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	45.41 ng/ul	1278930	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4		Dibenzothiophene	184	C12H8S	000132-65-0	95
5		Dibenzothiophene	184	C12H8S	000132-65-0	95



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Data File : BP004854.D
Acq On : 23 Feb 2021 11:24
Operator : CG/JU
Sample : M1326-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
X2Z55

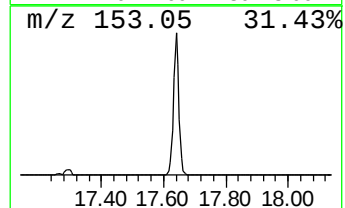
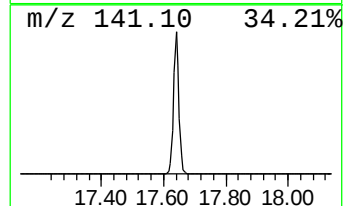
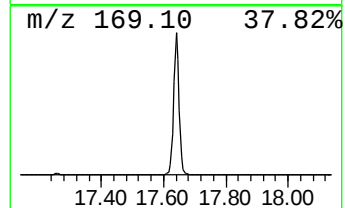
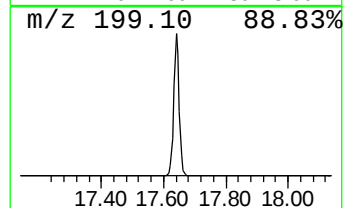
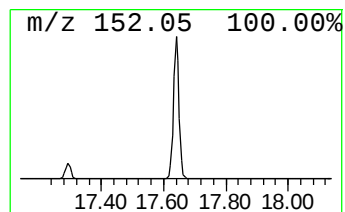
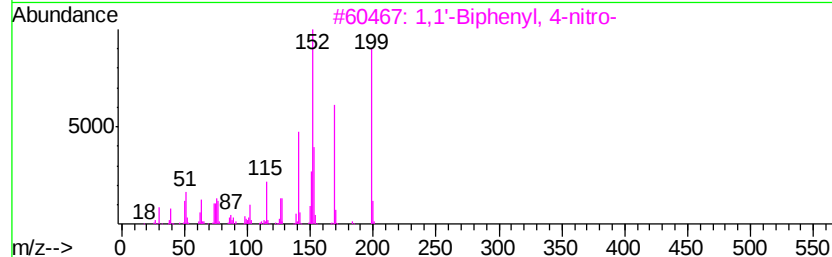
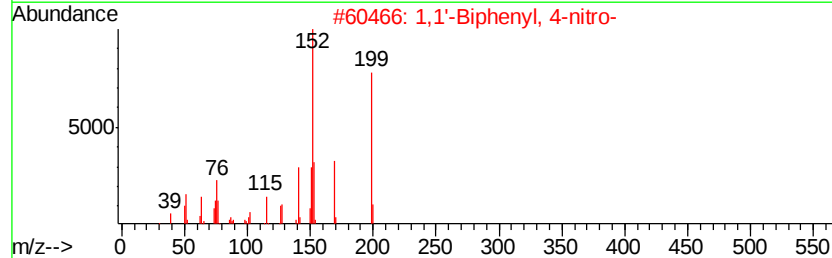
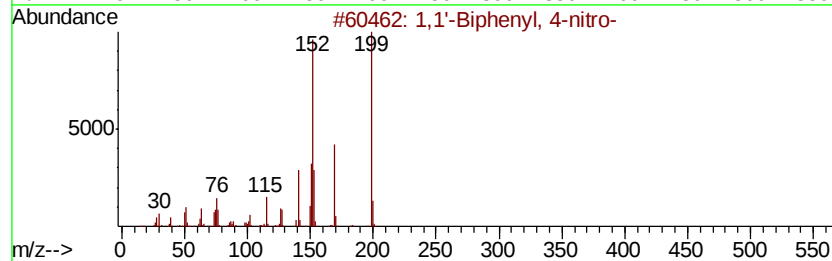
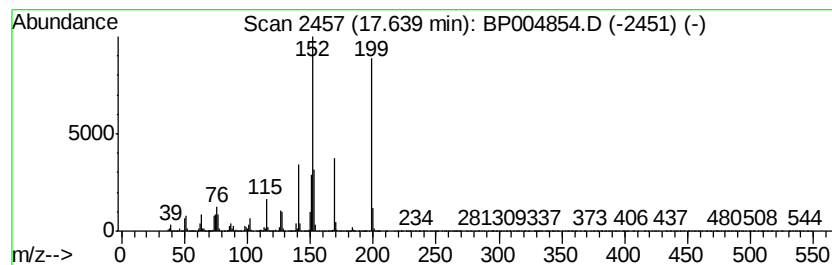
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP022221.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 4-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	35.81 ng/ul	1008540	Phenanthrene-d10	17.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl,	4-nitro-	199	C12H9NO2	000092-93-3	98
2	1,1'	-Biphenyl,	4-nitro-	199	C12H9NO2	000092-93-3	98
3	1,1'	-Biphenyl,	4-nitro-	199	C12H9NO2	000092-93-3	97
4	1,1'	-Biphenyl,	3-nitro-	199	C12H9NO2	002113-58-8	89
5	1,1'	-Biphenyl,	3-nitro-	199	C12H9NO2	002113-58-8	81



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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP022221.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.89	9.3	ng/ul	142086	1	7.75	306505	20.0
unknown-01	12.08	7.5	ng/ul	150090	2	10.55	401059	20.0
Benzene, pentachl...	14.72	38.4	ng/ul	950923	3	14.40	495196	20.0
Naphtho[2,1-b]thi...	16.98	45.4	ng/ul	1278930	4	17.16	563337	20.0
1,1'-Biphenyl, 4-...	17.64	35.8	ng/ul	1008540	4	17.16	563337	20.0