

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
 Data File : BM023533.D
 Acq On : 31 Oct 2019 23:16
 Operator : JU
 Sample : K5487-02RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE4J0RE

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_M\METHODS\SOM-EPA-BM102319MA.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	3.146	24	27	32	rBV	87058	115493	0.98%	0.103%
2	6.793	641	647	658	rVB2	474679	873120	7.41%	0.779%
3	6.951	668	674	685	rBV	1339249	2153109	18.28%	1.921%
4	7.145	701	707	719	rVB	1570836	2466000	20.94%	2.200%
5	7.610	780	786	794	rBV	1411696	2201048	18.69%	1.964%
6	7.692	795	800	809	rVB	110100	178647	1.52%	0.159%
7	8.234	889	892	897	rVB	35520	48223	0.41%	0.043%
8	8.322	900	907	918	rBV	1227089	1969551	16.72%	1.757%
9	8.428	923	925	932	rVB3	33955	56041	0.48%	0.050%
10	8.704	966	972	976	rBV	207651	337603	2.87%	0.301%
11	8.757	976	981	991	rVB	1748062	2885828	24.50%	2.575%
12	8.945	1010	1013	1023	rVB4	32683	70097	0.60%	0.063%
13	9.163	1046	1050	1054	rVV6	13339	21807	0.19%	0.019%
14	9.216	1057	1059	1064	rVB4	12644	19133	0.16%	0.017%
15	9.475	1096	1103	1112	rBV	1402946	2333698	19.81%	2.082%
16	9.669	1132	1136	1142	rVV8	14378	27836	0.24%	0.025%
17	9.734	1142	1147	1154	rVB8	20889	43462	0.37%	0.039%
18	9.916	1173	1178	1184	rBV3	17802	35059	0.30%	0.031%
19	10.016	1188	1195	1208	rBV	2104687	3483911	29.58%	3.108%
20	10.310	1239	1245	1250	rVB4	47604	83069	0.71%	0.074%
21	10.386	1251	1258	1266	rVV	1940098	3169742	26.91%	2.828%
22	10.457	1266	1270	1275	rVB5	18828	35245	0.30%	0.031%
23	10.533	1275	1283	1289	rBV	103251	198521	1.69%	0.177%
24	10.781	1323	1325	1332	rVB8	6457	12085	0.10%	0.011%
25	10.963	1350	1356	1359	rVB5	7905	12955	0.11%	0.012%
26	11.039	1359	1369	1375	rBV	89927	181176	1.54%	0.162%
27	11.145	1380	1387	1391	rBV6	10871	23084	0.20%	0.021%
28	11.204	1392	1397	1401	rBV3	25693	43451	0.37%	0.039%
29	11.304	1408	1414	1417	rVB4	12372	19414	0.16%	0.017%
30	11.386	1423	1428	1436	rBV5	20807	40762	0.35%	0.036%
31	11.569	1455	1459	1469	rBV7	24603	72315	0.61%	0.065%
32	11.722	1481	1485	1486	rBV4	11214	13192	0.11%	0.012%
33	11.780	1493	1495	1503	rVB8	10126	18230	0.15%	0.016%
34	11.910	1513	1517	1524	rBV6	15801	30381	0.26%	0.027%

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35	11.986	1524	1530	1535	rBV2	37371	67799	0.58%	0.060%
36	12.263	1570	1577	1580	rBV4	10368	19401	0.16%	0.017%
37	12.310	1580	1585	1589	rVB6	12817	18027	0.15%	0.016%
38	12.451	1605	1609	1617	rVB8	10123	19440	0.17%	0.017%
39	12.586	1628	1632	1634	rBV4	10279	13511	0.11%	0.012%
40	12.622	1634	1638	1644	rVB4	22523	38233	0.32%	0.034%
41	12.716	1649	1654	1658	rVV	38790	59319	0.50%	0.053%
42	12.769	1660	1663	1666	rVV5	8149	12812	0.11%	0.011%
43	12.874	1676	1681	1686	rBV2	40576	57037	0.48%	0.051%
44	13.104	1717	1720	1723	rBV2	9169	12211	0.10%	0.011%
45	13.174	1725	1732	1748	rVV	3958722	6257456	53.13%	5.583%
46	13.292	1751	1752	1758	rVB5	14705	17550	0.15%	0.016%
47	13.363	1758	1764	1766	rBV7	13665	20478	0.17%	0.018%
48	13.557	1793	1797	1799	rBV5	13396	20211	0.17%	0.018%
49	13.586	1799	1802	1805	rVV5	21753	37157	0.32%	0.033%
50	13.627	1805	1809	1812	rVV	133484	189664	1.61%	0.169%
51	13.680	1812	1818	1822	rVV	4017837	5694290	48.34%	5.080%
52	13.722	1822	1825	1835	rVV	458436	672988	5.71%	0.600%
53	13.810	1835	1840	1844	rVV7	20624	37900	0.32%	0.034%
54	13.951	1855	1864	1871	rBV	4544369	6803442	57.76%	6.070%
55	14.010	1871	1874	1887	rVV5	49198	99842	0.85%	0.089%
56	14.127	1887	1894	1902	rVV2	50233	72068	0.61%	0.064%
57	14.263	1910	1917	1924	rBV	2805879	4234848	35.95%	3.778%
58	14.357	1929	1933	1940	rVB7	22899	32451	0.28%	0.029%
59	14.474	1946	1953	1968	rBV	285319	624018	5.30%	0.557%
60	14.698	1985	1991	1996	rVB9	29638	55544	0.47%	0.050%
61	14.868	2018	2020	2024	rVB4	11717	16712	0.14%	0.015%
62	14.957	2028	2035	2038	rBV2	20439	44850	0.38%	0.040%
63	15.021	2042	2046	2052	rVV	38503	58318	0.50%	0.052%
64	15.098	2052	2059	2063	rVV	194382	278337	2.36%	0.248%
65	15.145	2063	2067	2070	rVB5	12244	18905	0.16%	0.017%
66	15.257	2077	2086	2093	rBV	6021259	8523787	72.37%	7.605%
67	15.386	2101	2108	2122	rBV	1514758	2258998	19.18%	2.015%
68	15.498	2122	2127	2132	rVB2	71526	112006	0.95%	0.100%
69	15.633	2144	2150	2157	rVB2	85850	177054	1.50%	0.158%
70	15.716	2157	2164	2169	rVB9	9912	17410	0.15%	0.016%
71	16.010	2210	2214	2216	rBV4	13796	16768	0.14%	0.015%

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72	16.045	2216	2220	2225	rVB5	26350	40633	0.34%	0.036%
73	16.121	2228	2233	2237	rVB8	10386	17169	0.15%	0.015%
74	16.621	2314	2318	2322	rVB6	7370	11937	0.10%	0.011%
75	16.698	2324	2331	2336	rVB5	21884	44429	0.38%	0.040%
76	16.792	2343	2347	2353	rBV5	19340	31753	0.27%	0.028%
77	17.010	2377	2384	2393	rBV	3328509	4901744	41.62%	4.373%
78	17.104	2394	2400	2415	rVV	6538901	9514369	80.78%	8.488%
79	17.210	2415	2418	2423	rVB7	9442	18335	0.16%	0.016%
80	17.315	2432	2436	2441	rVB	41615	55655	0.47%	0.050%
81	17.380	2445	2447	2452	rVV5	10770	12910	0.11%	0.012%
82	17.539	2471	2474	2479	rVB5	10486	14710	0.12%	0.013%
83	17.692	2495	2500	2507	rBV	1025256	1321412	11.22%	1.179%
84	17.862	2525	2529	2535	rBV9	17905	25099	0.21%	0.022%
85	17.927	2535	2540	2545	rBV3	84505	130228	1.11%	0.116%
86	17.992	2547	2551	2556	rVB	80321	109570	0.93%	0.098%
87	18.127	2571	2574	2578	rBV5	15055	24108	0.20%	0.022%
88	18.168	2579	2581	2586	rVB5	22972	28880	0.25%	0.026%
89	19.039	2725	2729	2734	rBV	75916	113596	0.96%	0.101%
90	19.215	2756	2759	2763	rBV6	25957	39822	0.34%	0.036%
91	19.292	2769	2772	2777	rVB	66153	83442	0.71%	0.074%
92	19.356	2778	2783	2786	rBV	695202	787297	6.68%	0.702%
93	19.409	2786	2792	2802	rVB	8341715	11227093	95.32%	10.016%
94	20.950	3051	3054	3058	rBV3	152298	188000	1.60%	0.168%
95	21.203	3092	3097	3103	rBV	4425845	5615416	47.67%	5.010%
96	23.262	3440	3447	3454	rBV	6595787	11778675	100.00%	10.509%
97	23.397	3464	3470	3481	rVB	3246394	5966333	50.65%	5.323%

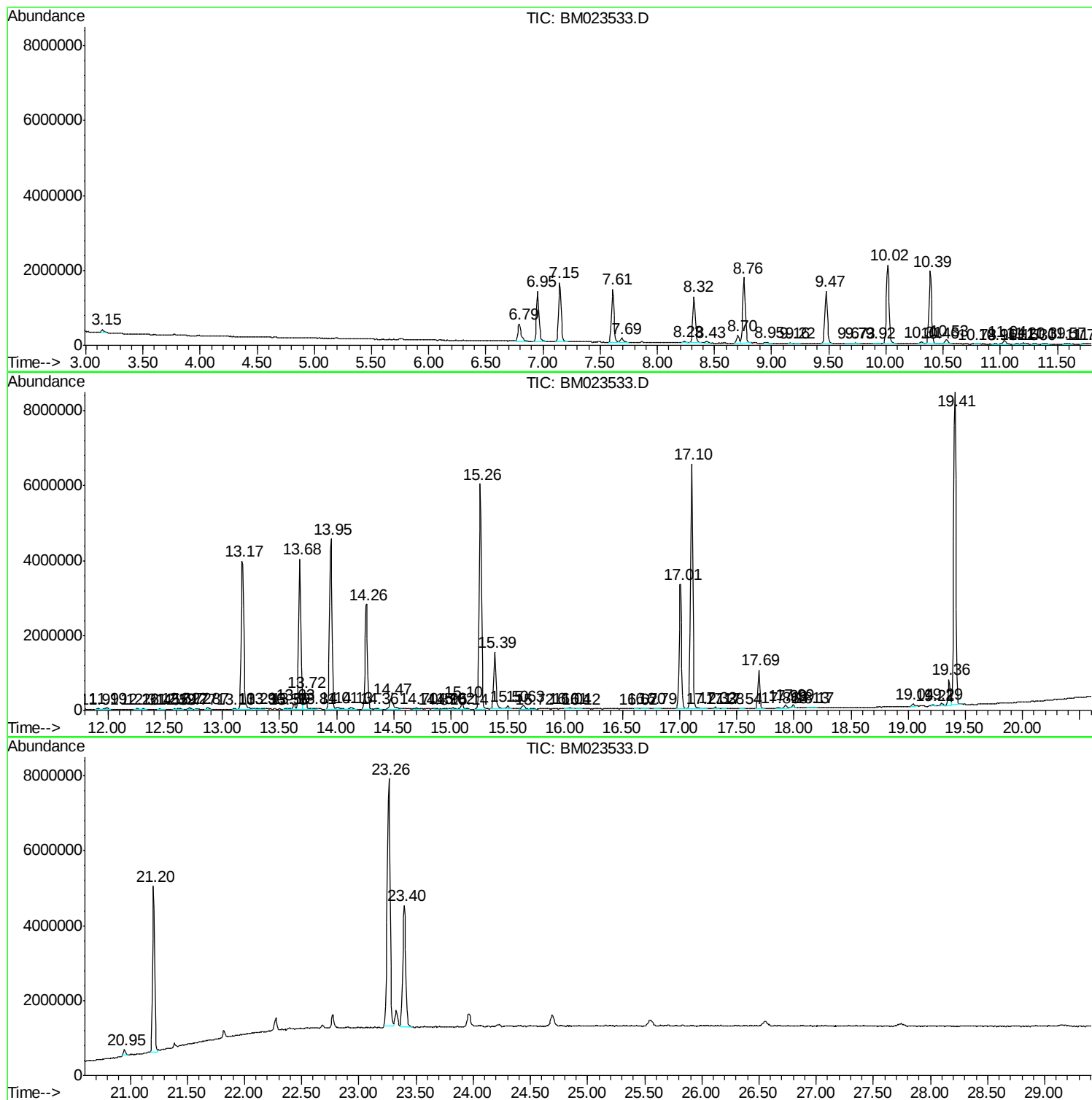
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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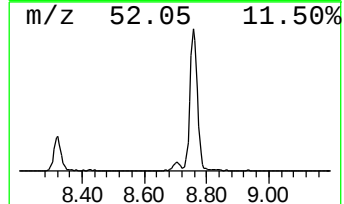
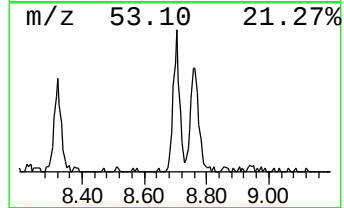
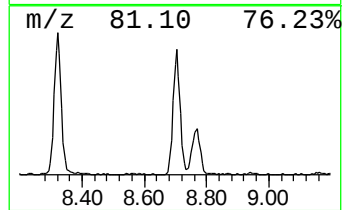
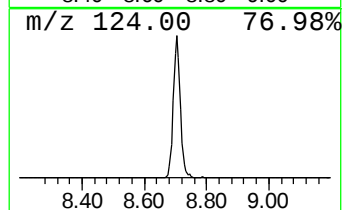
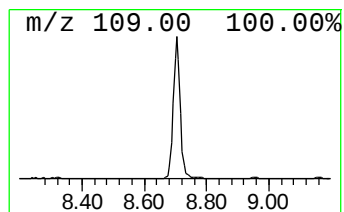
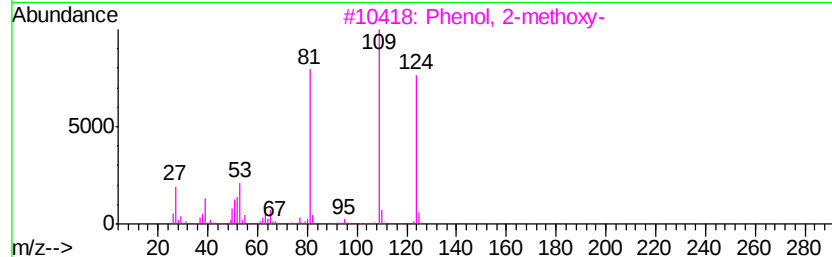
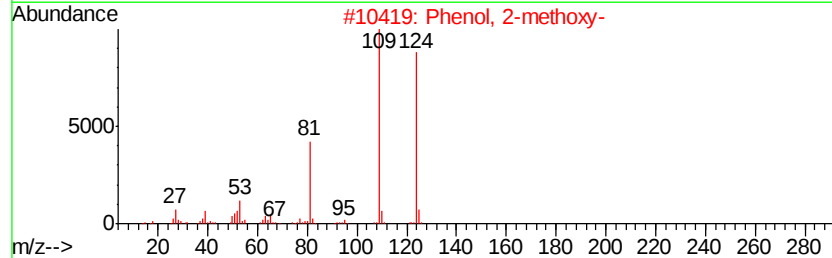
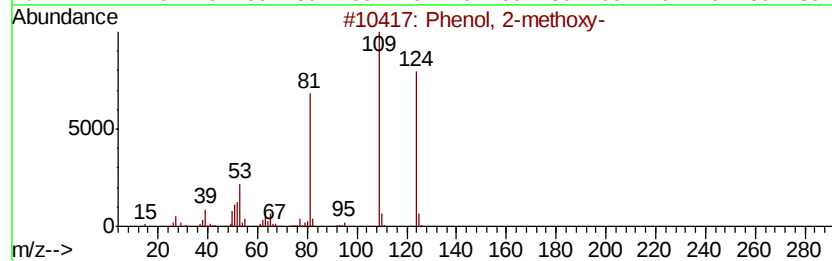
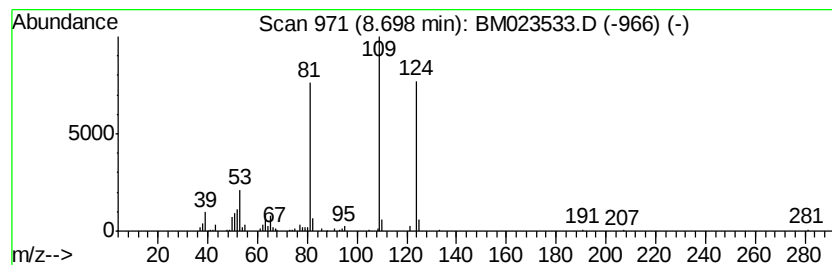
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	3.07 ng/ul	337603	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
4		Mequinol	124	C7H8O2	000150-76-5	90
5		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90



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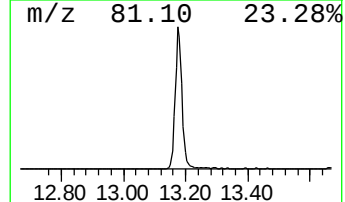
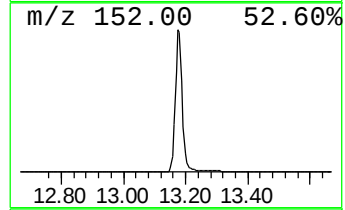
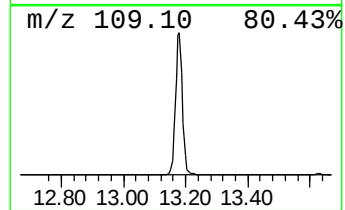
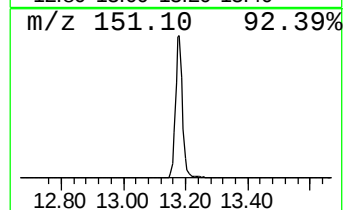
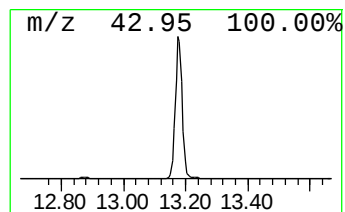
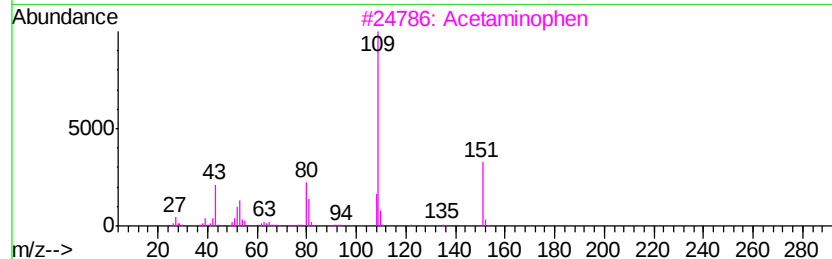
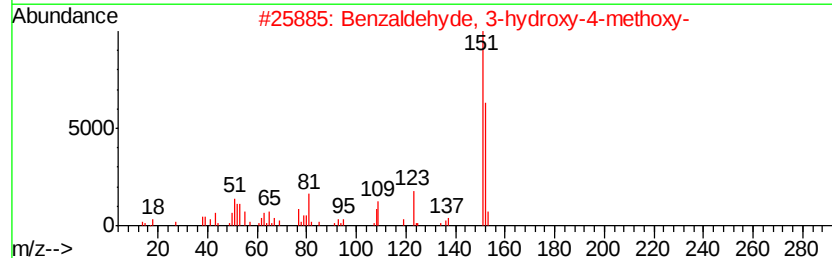
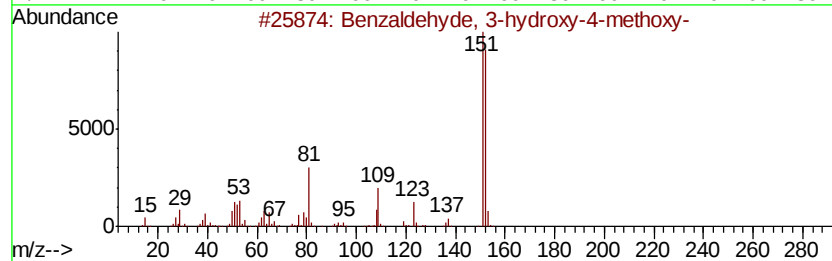
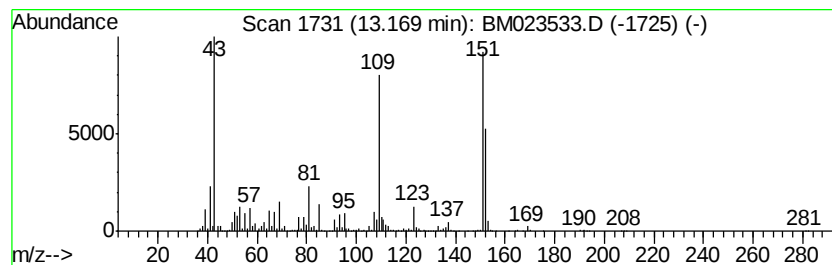
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	29.55 ng/ul	6257460	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	80
2		Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	55
3		Acetaminophen	151	C8H9NO2	000103-90-2	52
4		2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	52
5		3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	52



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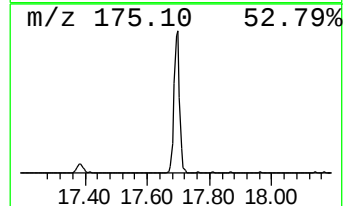
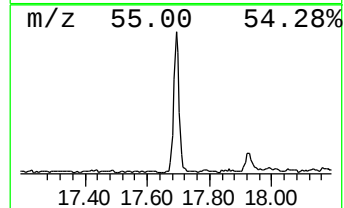
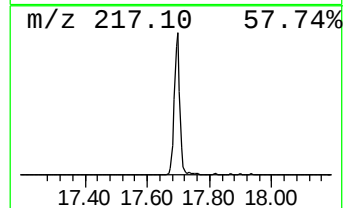
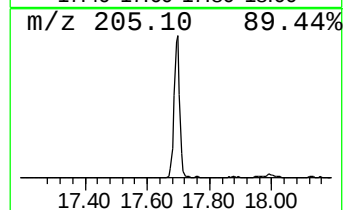
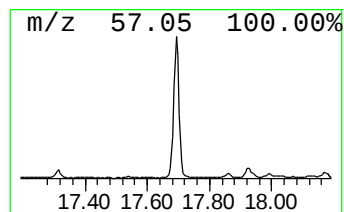
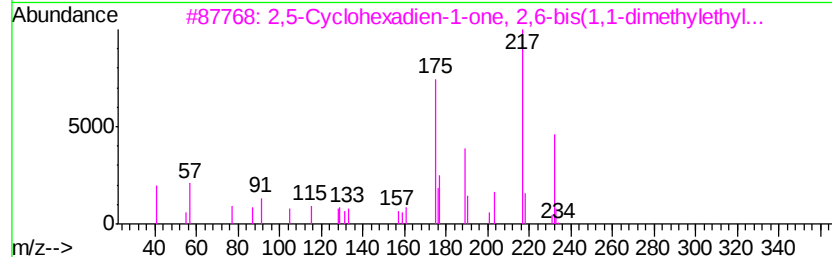
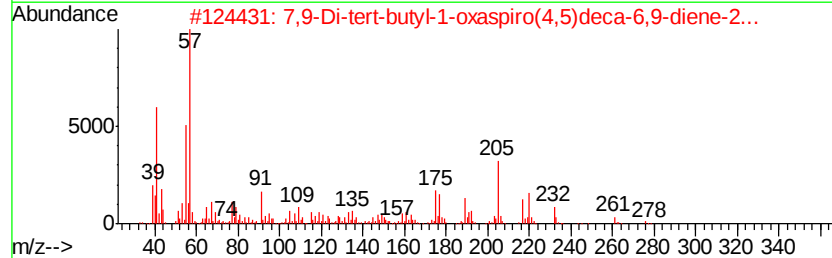
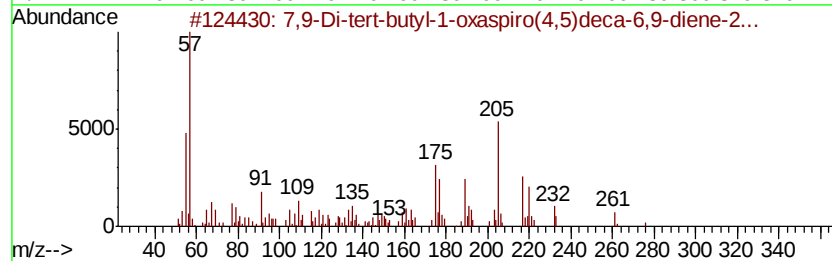
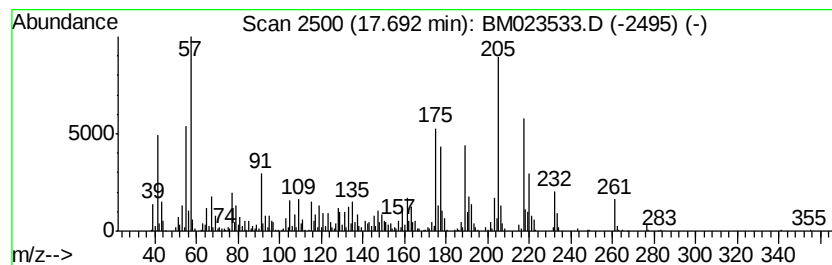
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Peak Number 3 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.69	5.39 ng/ul	1321410	Phenanthrene-d10	17.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	98
3	2,5-Cyclohexadiene-1-one, 2,6-bis(1,1-dimethylethyl)-	232	C16H24O	006738-27-8	86
4	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	50
5	Ethanone, 1-(5,6,7,8-tetrahydro-2H-chromene-2-yl)-	220	C14H20O2	071596-88-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023533.D
Acq On : 31 Oct 2019 23:16
Operator : JU
Sample : K5487-02RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE4J0RE

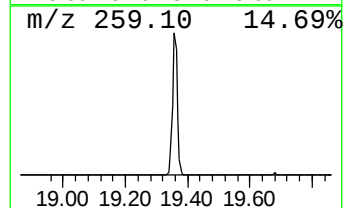
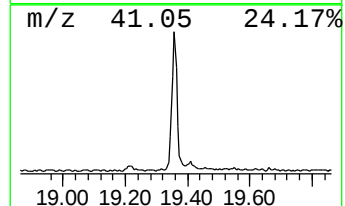
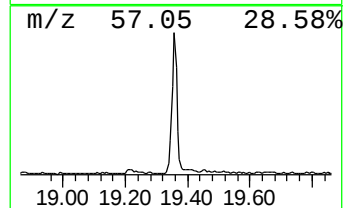
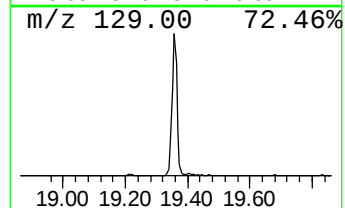
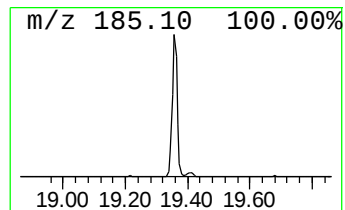
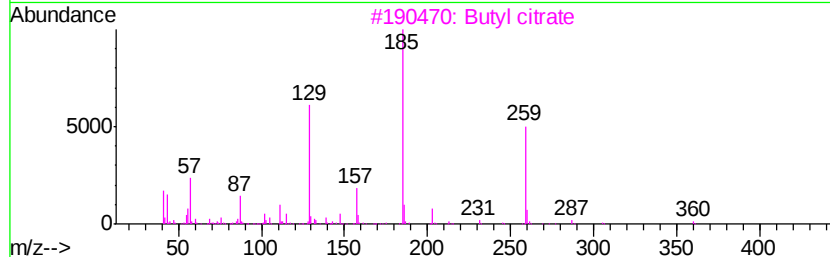
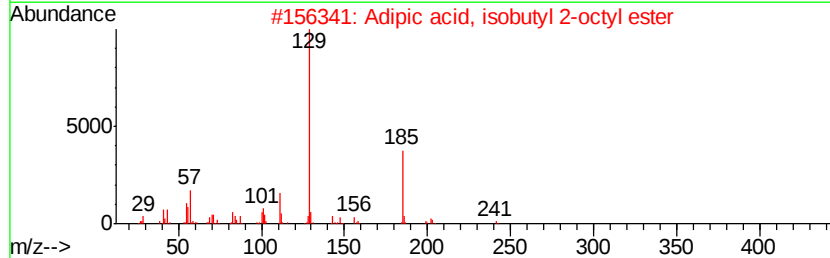
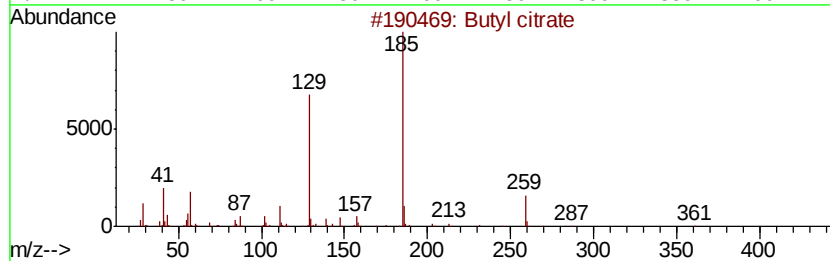
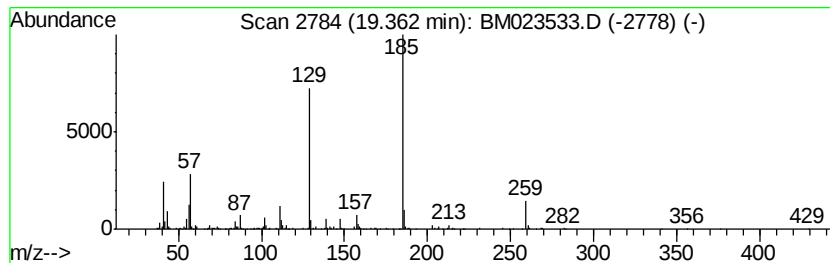
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Butyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.80 ng/ul	787297	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butyl citrate	360	C18H32O7	000077-94-1	91
2		Adipic acid, isobutyl 2-octyl ester	314	C18H34O4	1000324-44-5	78
3		Butyl citrate	360	C18H32O7	000077-94-1	78
4		Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	72
5		Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE4J0RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
Phenol, 2-methoxy-	8.70	3.1	ng/ul	337603	1	7.61	2201050	20.0
Benzaldehyde, 3-h...	13.17	29.6	ng/ul	6257460	3	14.26	4234850	20.0
7,9-Di-tert-butyl...	17.69	5.4	ng/ul	1321410	4	17.01	4901740	20.0
Butyl citrate	19.36	2.8	ng/ul	787297	5	21.20	5615420	20.0