

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050373.D
 Acq On : 2 Oct 2021 2:37
 Operator : CG/JU
 Sample : M3874-09
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7T3

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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_G\Methods\SFAM-EPA-BG093021.M
 Title : SVOA CALIBRATION

Signal : TIC: BG050373.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.067	94	98	111	rBV	42739	86165	10.28%	0.755%
2	4.172	111	116	123	rVB3	14098	25267	3.02%	0.221%
3	4.302	133	138	144	rVB	11454	20120	2.40%	0.176%
4	4.402	152	155	161	rVB3	6532	10406	1.24%	0.091%
5	5.330	308	313	315	rBV4	3589	4466	0.53%	0.039%
6	5.430	326	330	336	rVB7	3793	6672	0.80%	0.058%
7	5.753	380	385	390	rVV	17596	27163	3.24%	0.238%
8	5.882	400	407	418	rVB	139123	343613	41.01%	3.011%
9	6.258	464	471	481	rVB	212520	354705	42.33%	3.109%
10	6.752	549	555	557	rBV5	3119	5547	0.66%	0.049%
11	6.893	575	579	584	rBV5	2932	5060	0.60%	0.044%
12	7.234	634	637	643	rVB5	4018	6268	0.75%	0.055%
13	7.345	651	656	659	rVV	16782	23444	2.80%	0.205%
14	7.398	659	665	674	rVV	133338	237303	28.32%	2.080%
15	7.480	674	679	684	rVB	10840	16816	2.01%	0.147%
16	7.586	690	697	704	rBV	96447	169011	20.17%	1.481%
17	7.651	704	708	712	rVB4	5329	8041	0.96%	0.070%
18	7.792	723	732	741	rBV	122661	216214	25.80%	1.895%
19	7.868	741	745	748	rVV4	5432	7187	0.86%	0.063%
20	7.909	748	752	757	rVB2	6691	10434	1.25%	0.091%
21	8.268	807	813	821	rVB	178794	313893	37.46%	2.751%
22	8.385	828	833	839	rVB5	3239	6277	0.75%	0.055%
23	8.914	916	923	925	rBV5	4119	7848	0.94%	0.069%
24	8.955	925	930	938	rVV2	95934	166823	19.91%	1.462%
25	9.026	938	942	946	rVB4	2743	4053	0.48%	0.036%
26	9.096	948	954	959	rVV2	9607	19001	2.27%	0.167%
27	9.161	959	965	971	rVV2	11003	18739	2.24%	0.164%
28	9.378	999	1002	1004	rBV2	2798	3645	0.44%	0.032%
29	9.437	1004	1012	1018	rVV	118510	229040	27.34%	2.007%
30	9.484	1018	1020	1025	rVB2	10837	14329	1.71%	0.126%
31	9.907	1087	1092	1096	rBV4	3154	5187	0.62%	0.045%
32	9.971	1096	1103	1105	rBV3	2766	3802	0.45%	0.033%
33	10.165	1127	1136	1148	rVB	96266	183268	21.87%	1.606%
34	10.277	1152	1155	1158	rVB5	2976	3637	0.43%	0.032%
35	10.324	1158	1163	1168	rBV5	2345	5102	0.61%	0.045%
36	10.406	1174	1177	1184	rVB7	3488	7137	0.85%	0.063%

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Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

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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_G\Methods\SFAM-EPA-BG093021.M
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37	10.489	1184	1191	1197	rBV5	6105	12229	1.46%	0.107%
38	10.600	1204	1210	1211	rVB4	2729	3858	0.46%	0.034%
39	10.700	1218	1227	1234	rVB	143404	258637	30.87%	2.267%
40	10.776	1236	1240	1245	rVB4	5121	8053	0.96%	0.071%
41	10.847	1246	1252	1260	rBV3	16128	30390	3.63%	0.266%
42	11.041	1279	1285	1288	rBV2	16042	24410	2.91%	0.214%
43	11.094	1288	1294	1301	rVB	235651	431398	51.49%	3.781%
44	11.223	1309	1316	1323	rVV	118820	225767	26.94%	1.979%
45	11.793	1404	1413	1417	rBV7	3741	8551	1.02%	0.075%
46	11.905	1429	1432	1434	rBV2	2781	3543	0.42%	0.031%
47	11.981	1439	1445	1448	rBV5	4156	7241	0.86%	0.063%
48	12.081	1455	1462	1468	rBV6	7167	12923	1.54%	0.113%
49	12.469	1523	1528	1536	rBV2	22533	35524	4.24%	0.311%
50	12.668	1557	1562	1567	rBV4	2773	5626	0.67%	0.049%
51	12.733	1567	1573	1578	rVV	14537	22967	2.74%	0.201%
52	12.944	1604	1609	1619	rVB2	11103	19681	2.35%	0.172%
53	13.162	1643	1646	1650	rVV5	2349	3700	0.44%	0.032%
54	13.273	1661	1665	1669	rVB5	3924	5770	0.69%	0.051%
55	13.409	1684	1688	1694	rVB5	5738	9299	1.11%	0.081%
56	13.691	1730	1736	1741	rVV	25436	38852	4.64%	0.340%
57	13.914	1770	1774	1777	rBV5	3055	5175	0.62%	0.045%
58	14.049	1793	1797	1799	rBV3	5052	7560	0.90%	0.066%
59	14.202	1819	1823	1829	rBV4	10987	19420	2.32%	0.170%
60	14.278	1829	1836	1842	rVV	274447	401257	47.89%	3.517%
61	14.343	1844	1847	1850	rVV3	8329	9763	1.17%	0.086%
62	14.443	1860	1864	1871	rBV6	6788	11053	1.32%	0.097%
63	14.584	1880	1888	1896	rVB	300925	493655	58.92%	4.326%
64	14.754	1913	1917	1924	rVB2	21106	28379	3.39%	0.249%
65	14.889	1930	1940	1946	rBV	369763	612470	73.10%	5.368%
66	15.048	1958	1967	1977	rBV	120045	202491	24.17%	1.775%
67	15.160	1983	1986	1991	rBV5	3583	7230	0.86%	0.063%
68	15.212	1991	1995	1998	rVV3	4063	6808	0.81%	0.060%
69	15.283	2000	2007	2012	rVV7	9221	17905	2.14%	0.157%
70	15.348	2016	2018	2028	rVV8	3379	8503	1.01%	0.075%
71	15.494	2038	2043	2046	rVB6	3667	5624	0.67%	0.049%
72	15.547	2046	2052	2055	rBV5	2703	4830	0.58%	0.042%
73	15.665	2066	2072	2074	rVV4	4689	8090	0.97%	0.071%
74	15.700	2075	2078	2083	rVB2	17321	20708	2.47%	0.181%
75	15.870	2101	2107	2119	rVB	378668	613445	73.21%	5.376%
76	15.976	2119	2125	2133	rVB	101152	155581	18.57%	1.364%

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 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

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77	16.105	2141	2147	2151	rBV3	7785	12775	1.52%	0.112%
78	16.264	2171	2174	2177	rBV3	2054	3395	0.41%	0.030%
79	16.329	2182	2185	2188	rVV3	3249	3610	0.43%	0.032%
80	16.364	2188	2191	2199	rVB4	3710	7396	0.88%	0.065%
81	16.587	2221	2229	2234	rVV	24791	53242	6.35%	0.467%
82	17.157	2321	2326	2336	rVB9	10786	22039	2.63%	0.193%
83	17.275	2343	2346	2351	rVB5	3261	5094	0.61%	0.045%
84	17.357	2356	2360	2364	rVV3	8313	11972	1.43%	0.105%
85	17.410	2366	2369	2374	rVB5	6635	9999	1.19%	0.088%
86	17.627	2399	2406	2412	rBV	479470	750398	89.56%	6.576%
87	17.727	2417	2423	2432	rVV	395212	618715	73.84%	5.422%
88	17.798	2432	2435	2443	rVB8	4846	7863	0.94%	0.069%
89	18.097	2482	2486	2491	rVB5	9565	14313	1.71%	0.125%
90	18.274	2512	2516	2522	rVB7	6470	9335	1.11%	0.082%
91	18.485	2548	2552	2558	rBV2	58453	86637	10.34%	0.759%
92	18.785	2600	2603	2606	rVB3	9323	10729	1.28%	0.094%
93	19.402	2705	2708	2714	rVB6	17383	26196	3.13%	0.230%
94	19.666	2750	2753	2758	rVB	38233	46946	5.60%	0.411%
95	19.748	2764	2767	2774	rBV8	22604	34564	4.13%	0.303%
96	20.001	2804	2810	2818	rVB	546991	826272	98.61%	7.241%
97	21.540	3068	3072	3077	rBV	70631	103662	12.37%	0.908%
98	21.928	3132	3138	3150	rVB	455993	837891	100.00%	7.343%
99	25.113	3673	3680	3693	rVB2	238668	687083	82.00%	6.022%
100	25.353	3713	3721	3737	rVB3	258202	836194	99.80%	7.328%

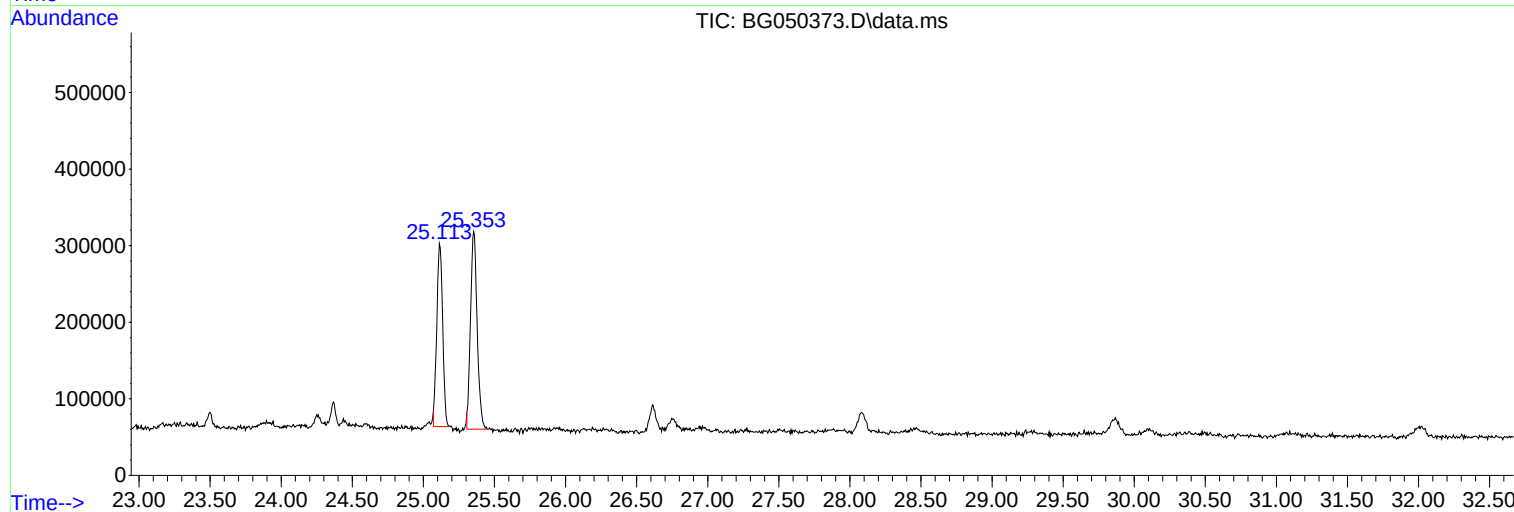
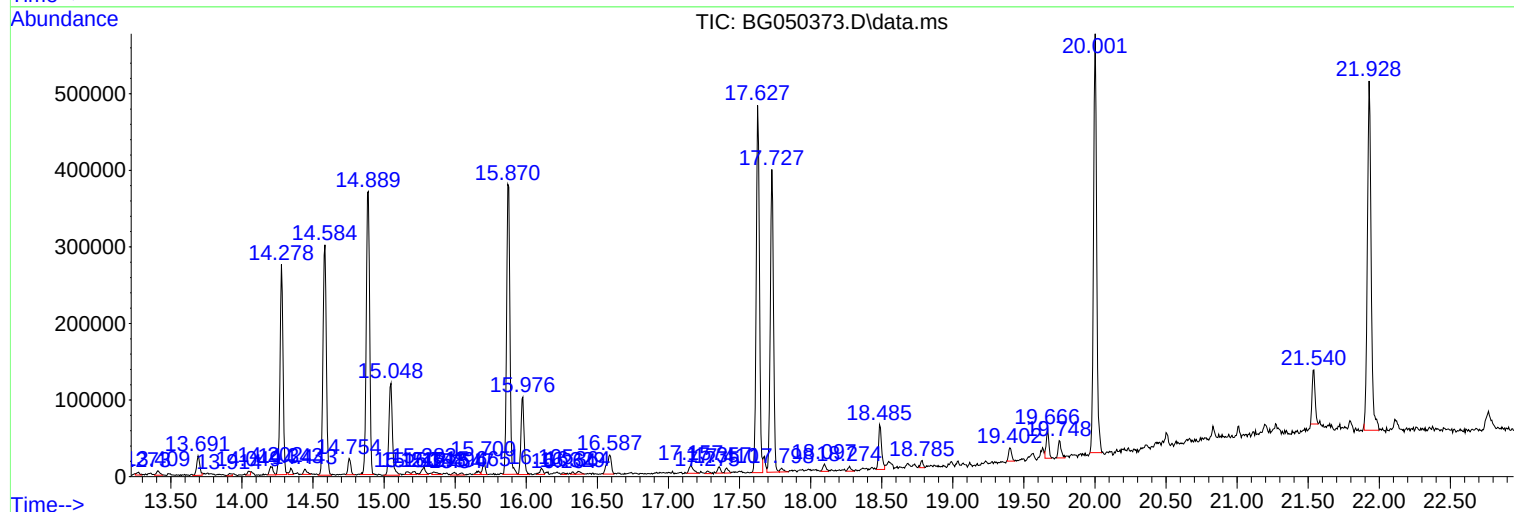
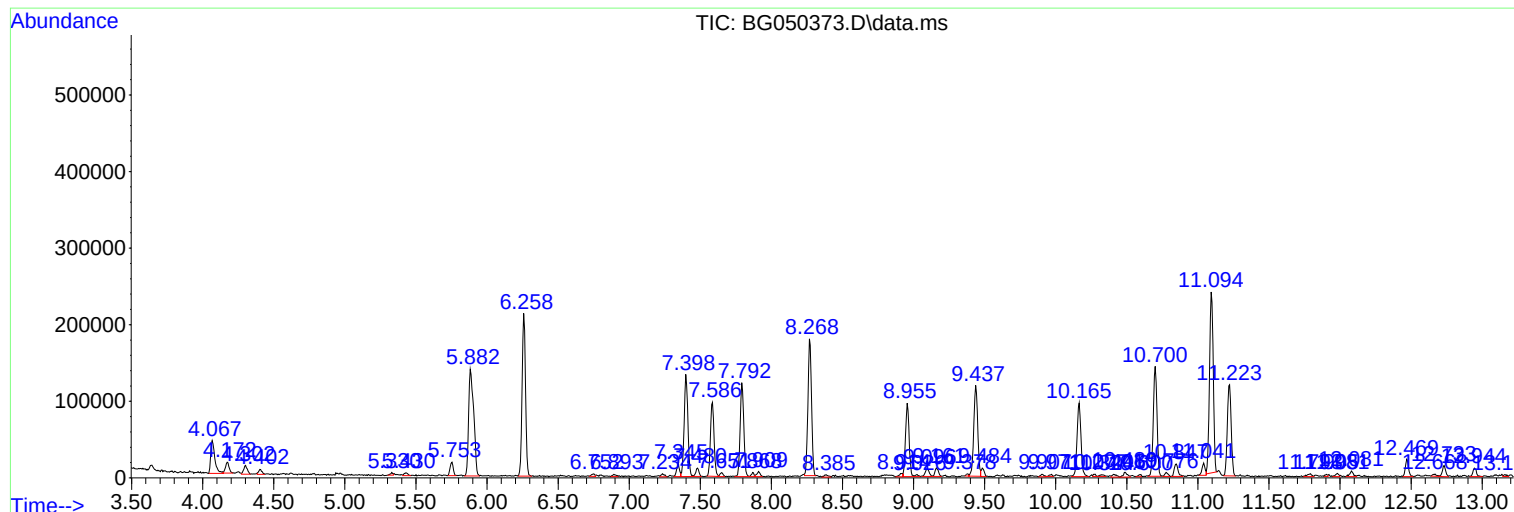
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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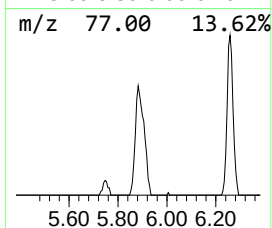
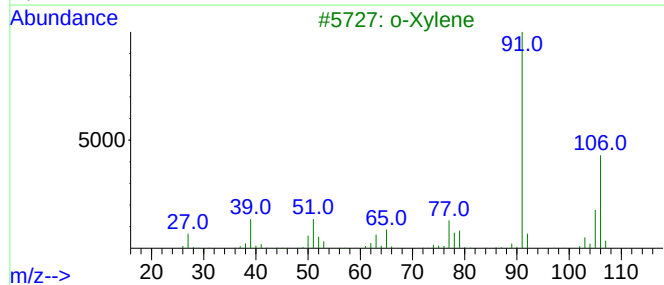
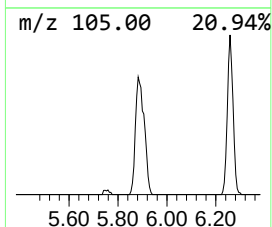
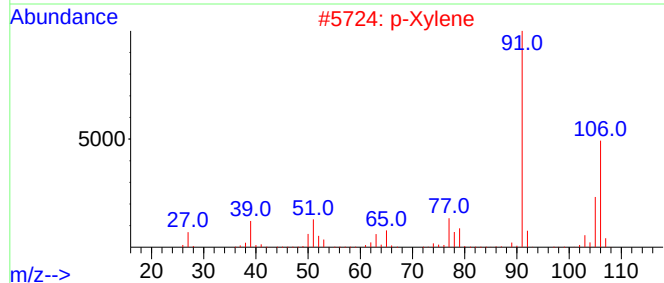
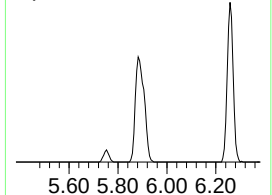
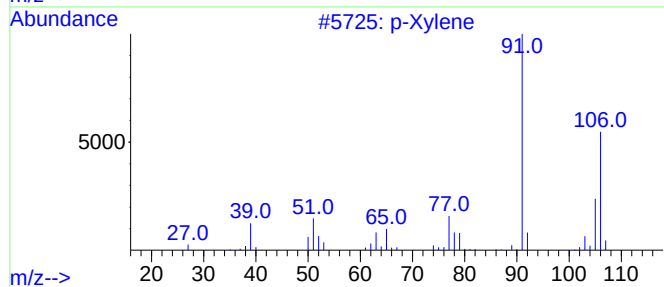
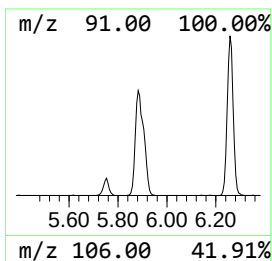
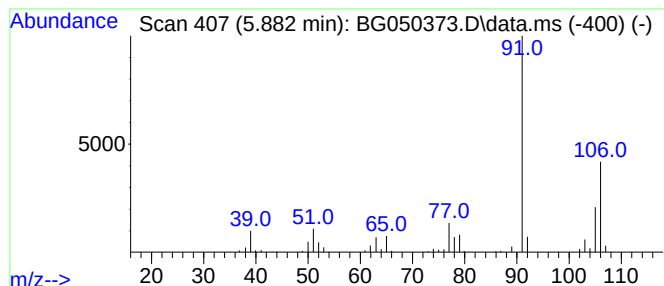
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 p-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.882	21.89 ng/ul	343613	1,4-Dichlorobenzene-d4	8.268

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene			106	C8H10	000106-42-3	97
2	p-Xylene			106	C8H10	000106-42-3	97
3	o-Xylene			106	C8H10	000095-47-6	97
4	Benzene, 1,3-dimethyl-			106	C8H10	000108-38-3	97
5	Benzene, 1,3-dimethyl-			106	C8H10	000108-38-3	97



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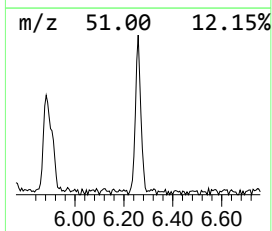
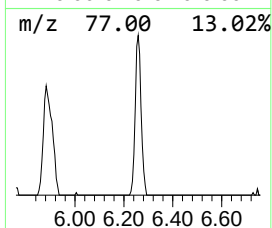
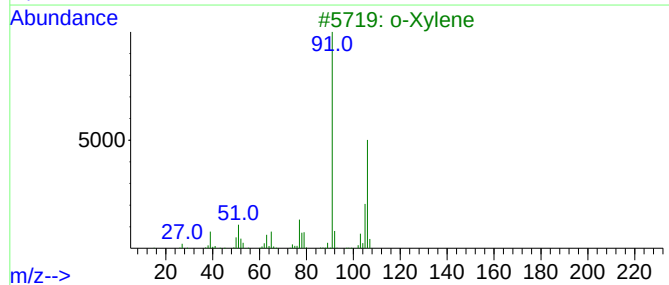
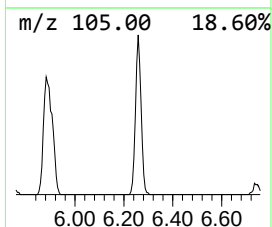
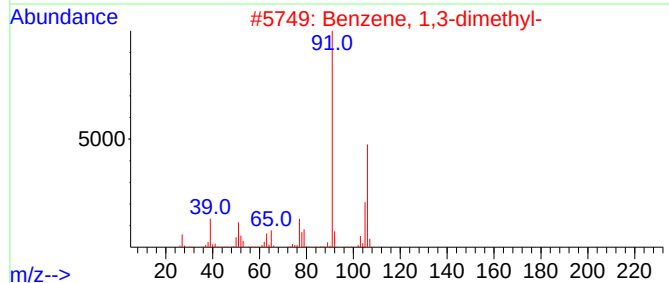
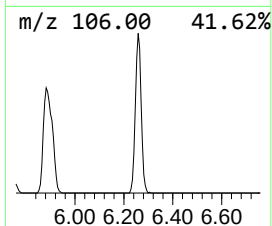
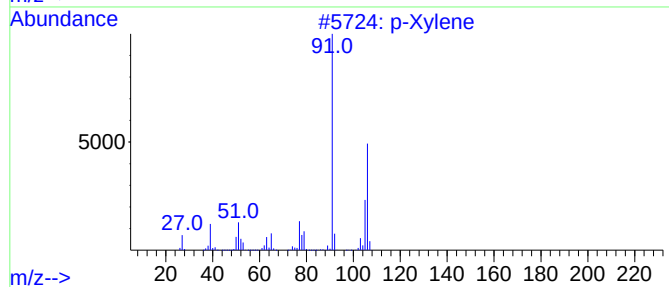
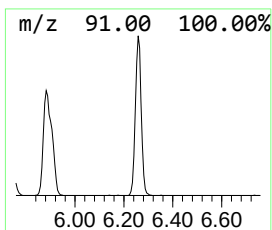
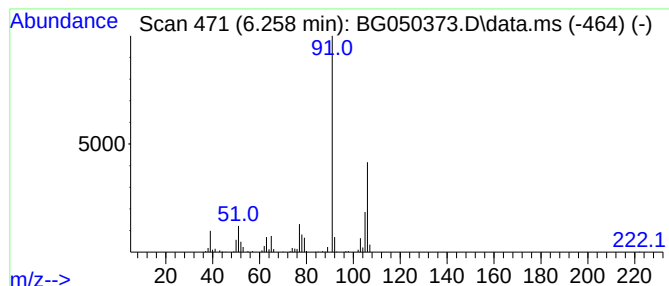
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.258	22.60 ng/ul	354705	1,4-Dichlorobenzene-d4	8.268

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Xylene	106	C8H10	000106-42-3	97
2			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3			o-Xylene	106	C8H10	000095-47-6	97
4			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5			o-Xylene	106	C8H10	000095-47-6	97



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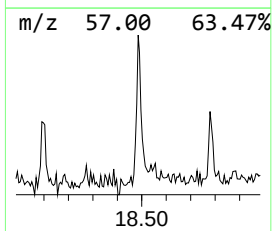
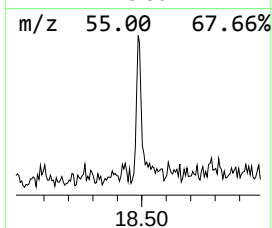
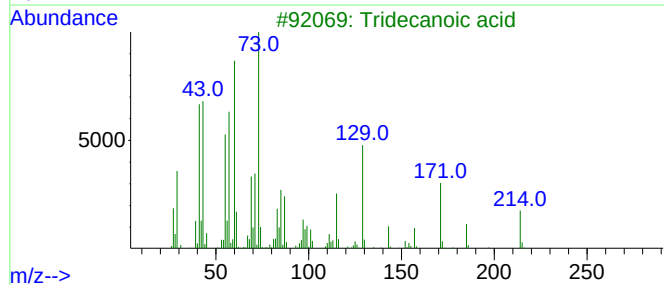
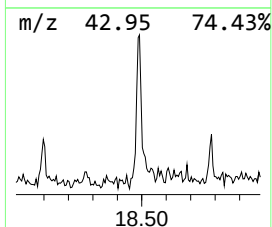
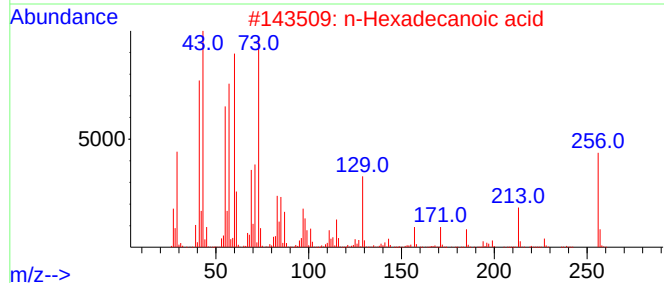
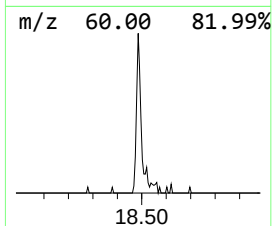
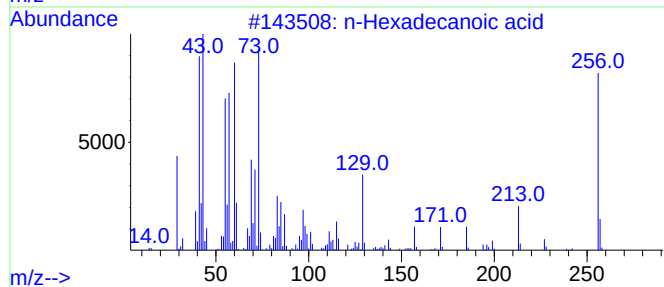
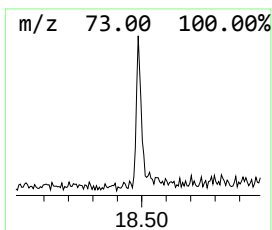
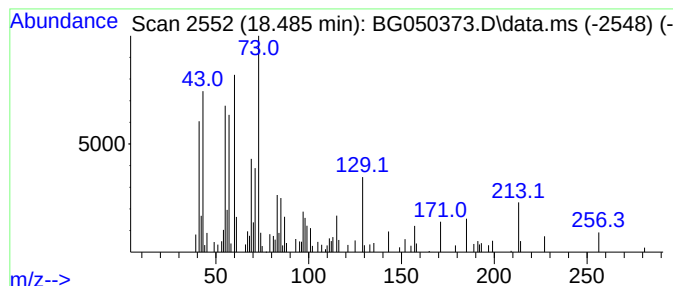
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.485	2.31 ng/ul	86637	Phenanthrene-d10	17.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			Tridecanoic acid	214	C13H26O2	000638-53-9	96
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050373.D
Acq On : 2 Oct 2021 2:37
Operator : CG/JU
Sample : M3874-09
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7T3

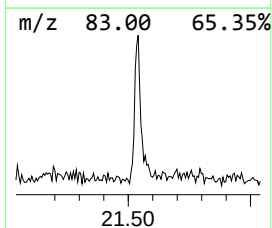
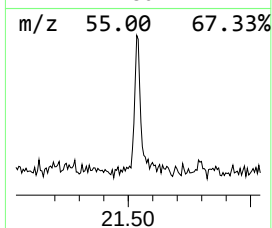
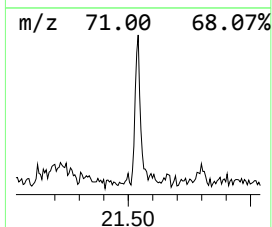
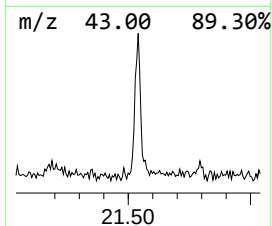
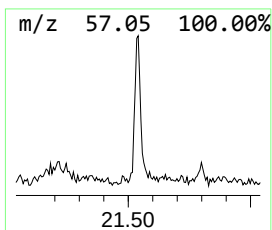
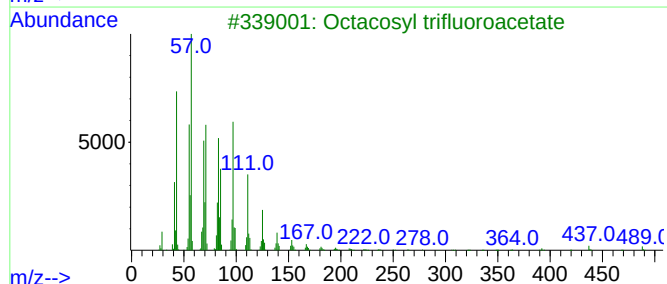
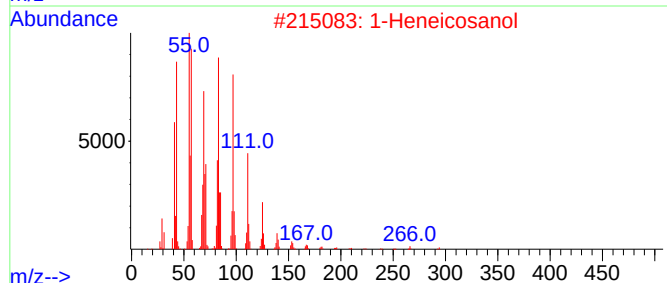
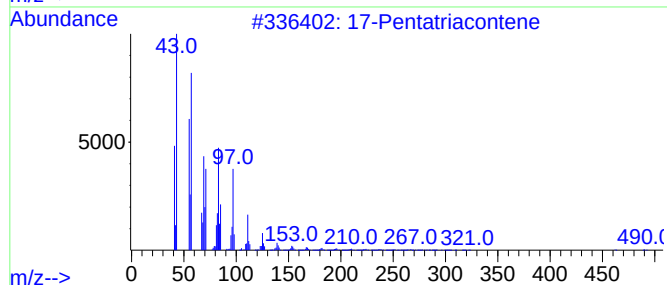
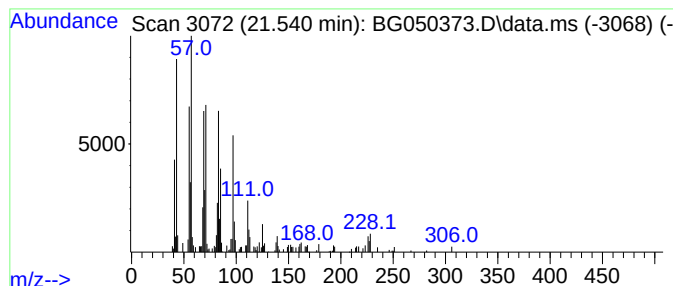
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.540	2.47 ng/ul	103662	Chrysene-d12	21.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene			491	C35H70	006971-40-0	91
2	1-Heneicosanol			312	C21H44O	015594-90-8	81
3	Octacosyl trifluoroacetate			506	C30H57F3O2	1000351-74-9	80
4	Tricosyl trifluoroacetate			436	C25H47F3O2	1000351-75-1	80
5	Cyclopentane, (4-octyldodecyl)-			350	C25H50	005638-09-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050373.D
Acq On : 2 Oct 2021 2:37
Operator : CG/JU
Sample : M3874-09
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7T3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
p-Xylene	5.882	21.9	ng/ul	343613	1	8.268	313893	20.0
Benzene, 1,3-di...	6.258	22.6	ng/ul	354705	1	8.268	313893	20.0
n-Hexadecanoic ...	18.485	2.3	ng/ul	86637	4	17.627	750398	20.0
(DEL) Alkane: S...	21.540	2.5	ng/ul	103662	5	21.928	837891	20.0