

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050140.D
 Acq On : 3 Sep 2021 21:00
 Operator : CG/JU
 Sample : M3549-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7A2

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-BG081921.M
 Title : SVOA CALIBRATION

Signal : TIC: BG050140.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.245	33	35	37	rBV2	2070	1675	0.18%	0.018%
2	3.310	42	46	54	rVB4	7145	13525	1.45%	0.147%
3	3.569	87	90	92	rBV2	1637	1503	0.16%	0.016%
4	3.751	118	121	132	rBV	21443	45731	4.91%	0.498%
5	4.074	174	176	181	rVB3	2912	3615	0.39%	0.039%
6	4.150	184	189	190	rBV4	1989	2695	0.29%	0.029%
7	4.414	232	234	237	rBV3	1700	1668	0.18%	0.018%
8	5.125	351	355	358	rVB4	1392	1408	0.15%	0.015%
9	5.160	358	361	363	rBV3	1305	1712	0.18%	0.019%
10	5.589	432	434	435	rBV	1625	1460	0.16%	0.016%
11	5.995	499	503	505	rBV3	1340	1426	0.15%	0.016%
12	6.282	549	552	555	rBV4	1116	1553	0.17%	0.017%
13	6.500	586	589	591	rBV3	1007	1320	0.14%	0.014%
14	6.952	664	666	671	rBV3	1395	2040	0.22%	0.022%
15	7.128	690	696	704	rBV2	34233	62443	6.70%	0.680%
16	7.275	714	721	730	rBV	99197	178232	19.12%	1.941%
17	7.481	750	756	765	rBV	117190	207058	22.21%	2.255%
18	7.951	829	836	843	rBV	109828	186184	19.97%	2.027%
19	8.151	869	870	873	rBV2	1739	1684	0.18%	0.018%
20	8.673	953	959	968	rBV	96295	173939	18.66%	1.894%
21	8.785	975	978	981	rBV2	1493	1837	0.20%	0.020%
22	8.955	1005	1007	1012	rBV2	1229	1593	0.17%	0.017%
23	9.049	1020	1023	1024	rBV2	2473	2249	0.24%	0.024%
24	9.120	1028	1035	1047	rVB	144173	265409	28.47%	2.890%
25	9.284	1059	1063	1065	rBV	3281	4652	0.50%	0.051%
26	9.519	1100	1103	1105	rBV	1534	1552	0.17%	0.017%
27	9.848	1152	1159	1166	rBV2	128147	228455	24.51%	2.488%
28	10.400	1246	1253	1264	rBV	169580	315330	33.82%	3.434%
29	10.541	1272	1277	1282	rBV3	4338	6361	0.68%	0.069%
30	10.771	1308	1316	1326	rBV	151594	272148	29.19%	2.964%
31	10.912	1333	1340	1348	rBV	114616	210535	22.58%	2.293%
32	11.270	1396	1401	1405	rBV3	3424	6382	0.68%	0.069%
33	11.599	1454	1457	1460	rBV2	2419	3037	0.33%	0.033%
34	12.362	1582	1587	1591	rBV	3290	5015	0.54%	0.055%
35	13.208	1729	1731	1736	rVB2	995	1292	0.14%	0.014%
36	13.490	1775	1779	1785	rVB3	2013	3405	0.37%	0.037%

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37	13.596	1792	1797	1799	rBV2	1008	1514	0.16%	0.016%
38	14.013	1861	1868	1875	rBV	357808	517884	55.55%	5.640%
39	14.242	1905	1907	1910	rVB	1613	1648	0.18%	0.018%
40	14.307	1910	1918	1927	rBV	367750	592364	63.54%	6.451%
41	14.612	1960	1970	1979	rBV2	231256	361711	38.80%	3.939%
42	14.859	2007	2012	2022	rBV3	17919	39235	4.21%	0.427%
43	15.347	2087	2095	2102	rBV	100663	147264	15.80%	1.604%
44	15.605	2133	2139	2146	rBV	491066	730079	78.31%	7.950%
45	15.658	2146	2148	2152	rVB4	5040	5625	0.60%	0.061%
46	15.746	2157	2163	2175	rBV2	150789	236501	25.37%	2.575%
47	15.840	2175	2179	2185	rVB3	3530	5354	0.57%	0.058%
48	15.969	2197	2201	2204	rVB3	1969	3096	0.33%	0.034%
49	16.022	2207	2210	2211	rBV	1176	1445	0.16%	0.016%
50	16.128	2225	2228	2231	rVB	1454	1505	0.16%	0.016%
51	16.433	2279	2280	2284	rVB2	3382	3052	0.33%	0.033%
52	16.492	2286	2290	2291	rBV2	3124	3067	0.33%	0.033%
53	16.604	2305	2309	2312	rVB4	1925	2533	0.27%	0.028%
54	16.668	2316	2320	2324	rVB	1332	1583	0.17%	0.017%
55	16.715	2326	2328	2329	rBV	1857	1289	0.14%	0.014%
56	16.762	2332	2336	2339	rVB5	3553	3823	0.41%	0.042%
57	16.821	2341	2346	2348	rBV2	2760	3635	0.39%	0.040%
58	16.856	2350	2352	2355	rVB2	1468	1660	0.18%	0.018%
59	16.950	2365	2368	2370	rBV	1441	1649	0.18%	0.018%
60	16.986	2372	2374	2381	rVB4	1502	2106	0.23%	0.023%
61	17.068	2386	2388	2390	rBV	2299	1780	0.19%	0.019%
62	17.150	2400	2402	2404	rVB	2552	1319	0.14%	0.014%
63	17.303	2426	2428	2430	rBV2	1401	1715	0.18%	0.019%
64	17.367	2432	2439	2449	rVV	299177	453602	48.66%	4.940%
65	17.467	2449	2456	2463	rVB	519623	783677	84.06%	8.534%
66	17.555	2468	2471	2473	rVV3	1822	2122	0.23%	0.023%
67	17.573	2473	2474	2477	rVB	2248	1378	0.15%	0.015%
68	17.597	2477	2478	2481	rBV2	1694	2000	0.21%	0.022%
69	17.632	2481	2484	2490	rVB5	4283	5744	0.62%	0.063%
70	17.714	2496	2498	2500	rVB	3110	2200	0.24%	0.024%
71	17.738	2500	2502	2503	rBV	3343	2004	0.21%	0.022%
72	17.843	2517	2520	2522	rBV3	1715	1614	0.17%	0.018%
73	17.914	2527	2532	2536	rBV	27401	36002	3.86%	0.392%
74	17.961	2536	2540	2545	rVB	72435	92484	9.92%	1.007%
75	18.020	2545	2550	2553	rBV4	4546	7146	0.77%	0.078%
76	18.096	2561	2563	2564	rVB	2033	1427	0.15%	0.016%

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77	18.114	2564	2566	2567	rBV	1873	1562	0.17%	0.017%
78	18.131	2567	2569	2572	rVV3	2147	2042	0.22%	0.022%
79	18.237	2586	2587	2590	rBV2	1515	1886	0.20%	0.021%
80	18.313	2598	2600	2603	rVB3	4338	3474	0.37%	0.038%
81	18.448	2622	2623	2625	rVB	2763	1381	0.15%	0.015%
82	18.548	2639	2640	2642	rVB2	1890	1303	0.14%	0.014%
83	18.583	2642	2646	2647	rBV4	2045	2286	0.25%	0.025%
84	18.754	2672	2675	2676	rBV2	3436	3640	0.39%	0.040%
85	18.807	2682	2684	2686	rBV3	2221	2079	0.22%	0.023%
86	18.830	2686	2688	2690	rVV2	2653	2496	0.27%	0.027%
87	19.018	2718	2720	2721	rVB2	4114	2345	0.25%	0.026%
88	19.065	2726	2728	2729	rBV2	2463	2091	0.22%	0.023%
89	19.318	2769	2771	2776	rVB5	8011	7905	0.85%	0.086%
90	19.394	2780	2784	2787	rBV2	8711	11489	1.23%	0.125%
91	19.471	2793	2797	2798	rBV4	4488	5719	0.61%	0.062%
92	19.647	2824	2827	2831	rBV4	8329	13052	1.40%	0.142%
93	19.694	2833	2835	2838	rBV4	3730	5028	0.54%	0.055%
94	19.758	2840	2846	2854	rVB	654226	932250	100.00%	10.152%
95	19.964	2878	2881	2883	rBV4	10080	8957	0.96%	0.098%
96	21.638	3160	3166	3174	rVB	300585	479368	51.42%	5.220%
97	24.634	3667	3676	3688	rVB2	326733	894796	95.98%	9.744%
98	24.851	3703	3713	3725	rVB2	169716	511985	54.92%	5.575%

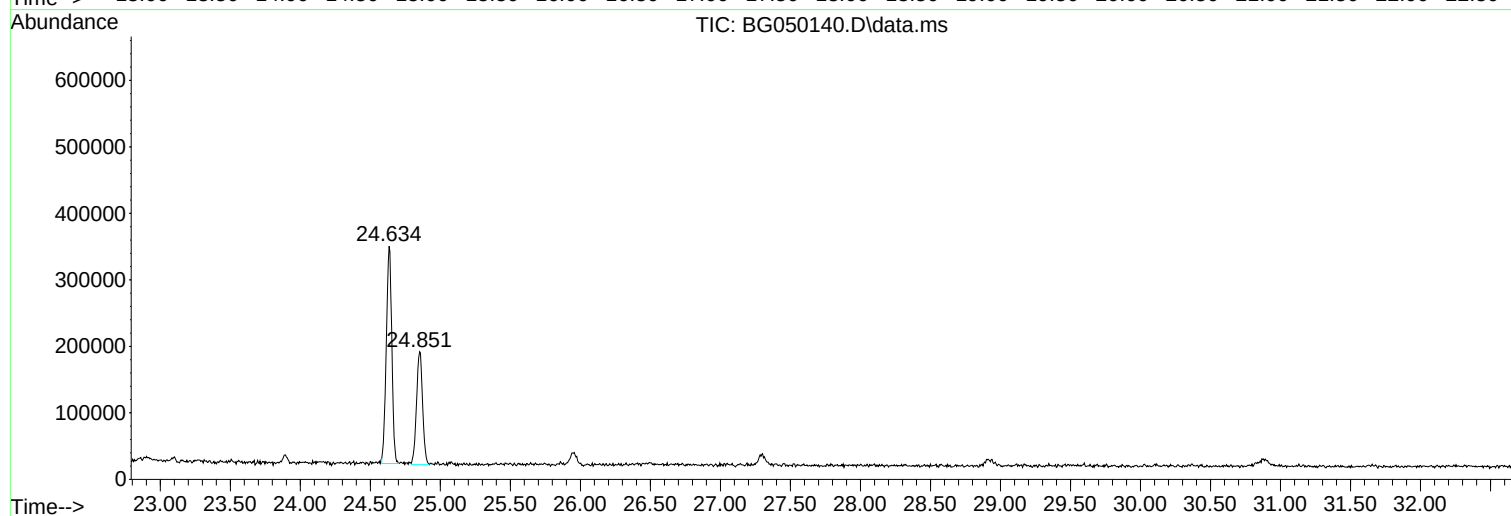
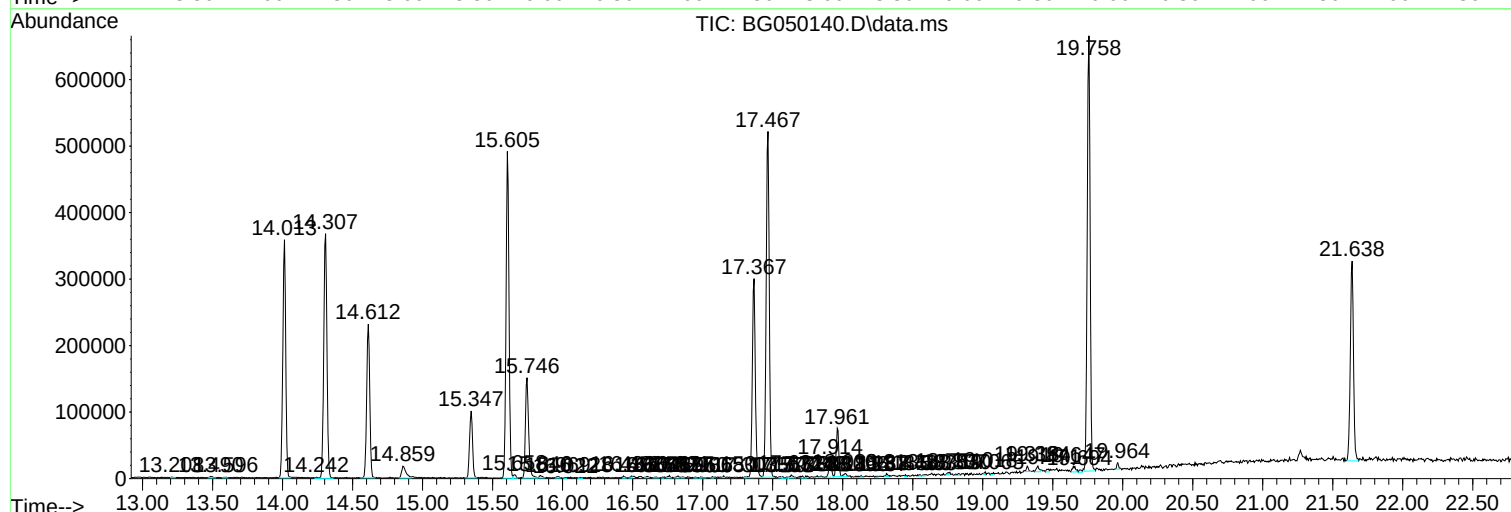
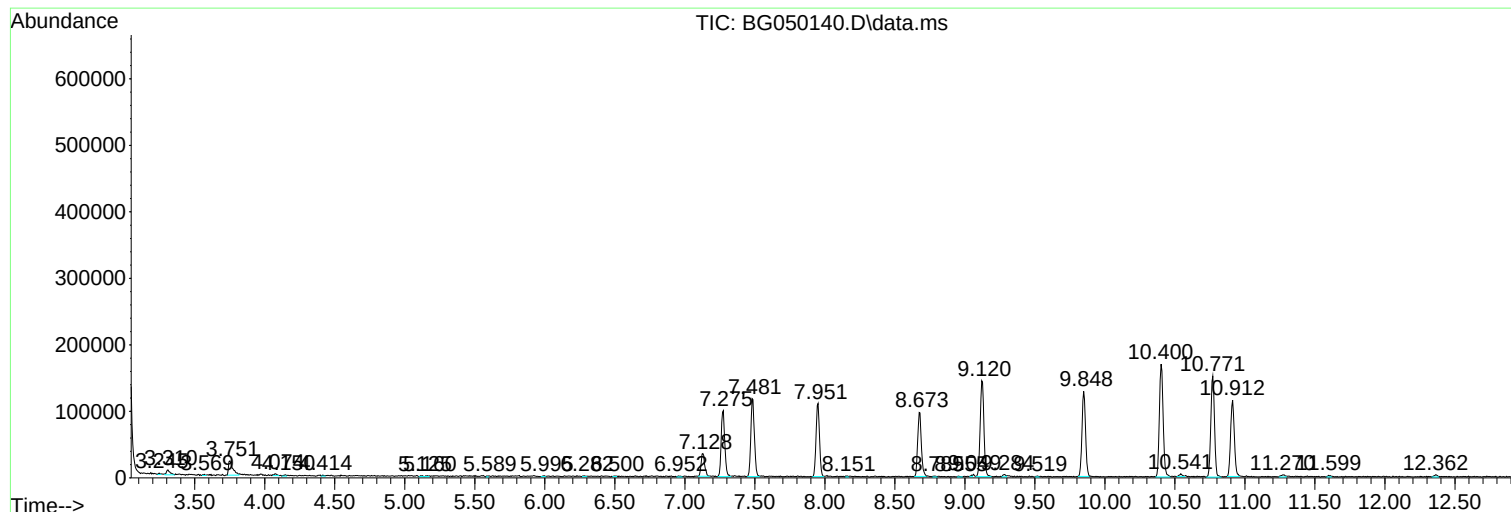
Sum of corrected areas: 9183093

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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



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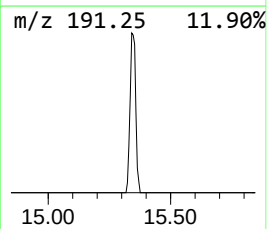
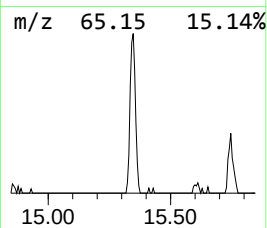
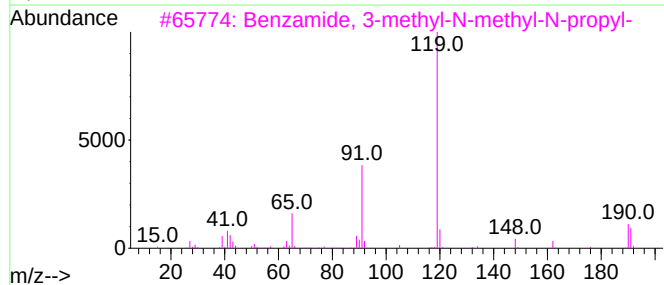
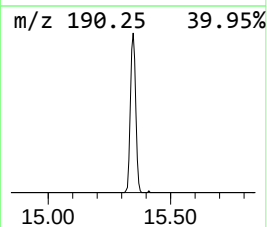
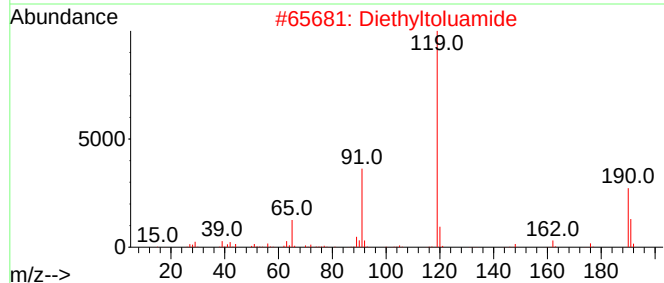
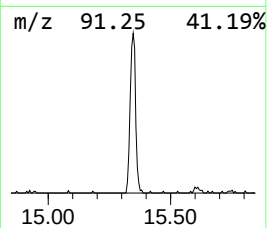
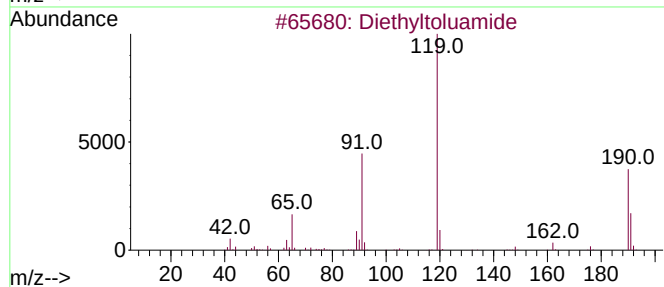
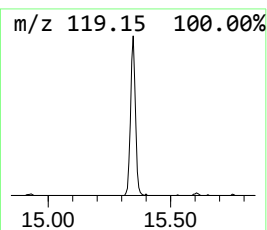
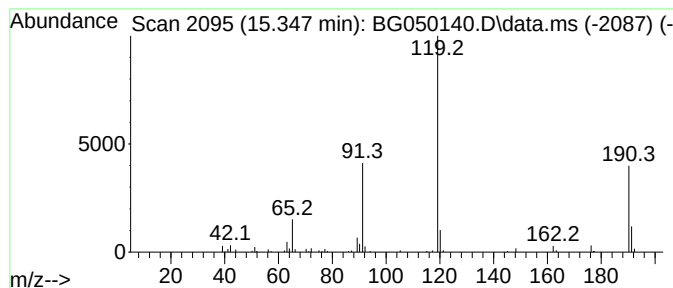
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.347	8.14 ng/ul	147264	Acenaphthene-d10	14.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	94
2			Diethyltoluamide	191	C12H17NO	000134-62-3	87
3			Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	81
4			Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
5			Diethyltoluamide	191	C12H17NO	000134-62-3	70



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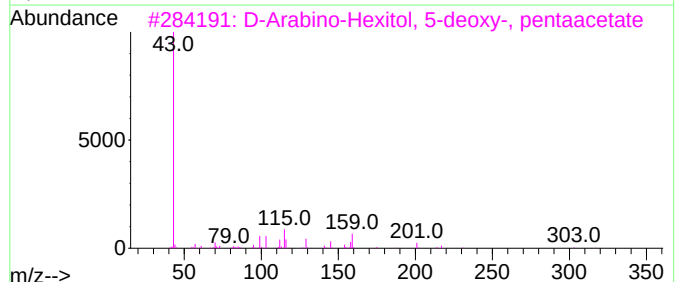
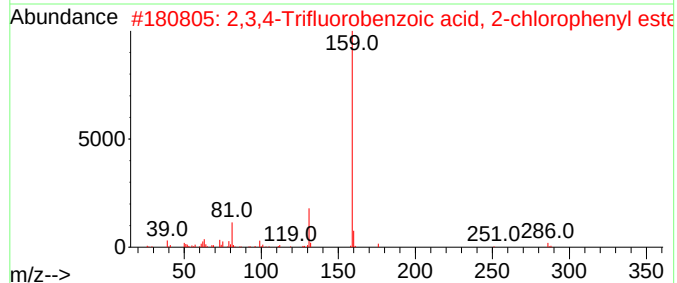
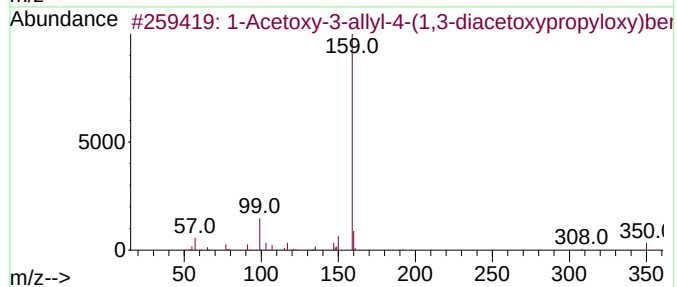
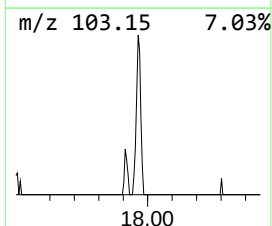
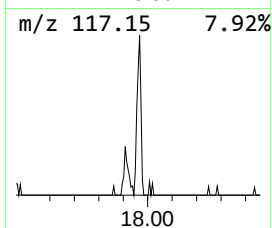
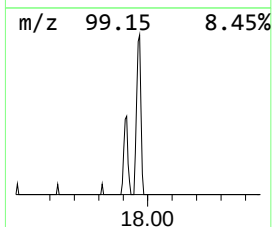
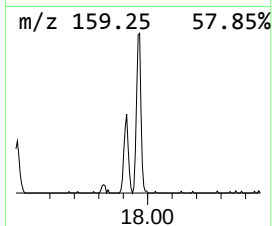
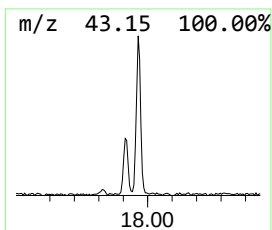
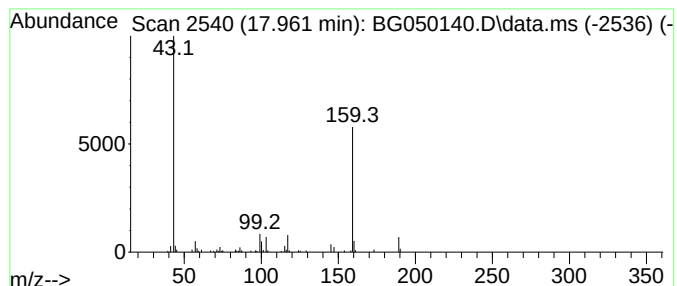
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.961	4.08 ng/ul	92484	Phenanthrene-d10	17.368

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Acetoxy-3-allyl-4-(1,3-diaceto...	350	C18H22O7	1000280-76-4	42
2			2,3,4-Trifluorobenzoic acid, 2-c...	286	C13H6ClF3O2	1000293-72-6	17
3			D-Arabino-Hexitol, 5-deoxy-, pen...	376	C16H24O10	049560-35-2	12
4			Triacetin	218	C9H14O6	000102-76-1	10
5			4,6-Difluoro-2-dimethylaminopyri...	159	C6H7F2N3	165258-63-9	9



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	15.347	8.1	ng/ul	147264	3	14.612	361711	20.0
unknown-01	17.961	4.1	ng/ul	92484	4	17.368	453602	20.0