

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
 Data File : BM030071.D
 Acq On : 18 May 2021 18:39
 Operator : CG/JU
 Sample : M2445-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG1Z3

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\SFAM-EPA-BM050721.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	3.657	126	131	140	rVB2	14208	30817	0.56%	0.063%
2	3.746	143	146	153	rVB5	6244	11787	0.21%	0.024%
3	6.716	646	651	664	rVV	81103	193355	3.51%	0.397%
4	6.869	671	677	694	rBV	330276	633463	11.51%	1.302%
5	7.057	703	709	723	rBV	401109	735541	13.37%	1.512%
6	7.516	781	787	801	rBV	420857	744470	13.53%	1.530%
7	7.887	843	850	857	rBV	45854	81001	1.47%	0.167%
8	8.239	904	910	931	rBV	272024	569800	10.36%	1.171%
9	8.616	970	974	978	rBV2	7779	10491	0.19%	0.022%
10	8.675	978	984	1010	rBV	468376	908916	16.52%	1.869%
11	8.869	1014	1017	1025	rVB6	6300	13193	0.24%	0.027%
12	8.998	1035	1039	1044	rVB4	4138	7721	0.14%	0.016%
13	9.086	1049	1054	1058	rVV4	6020	9233	0.17%	0.019%
14	9.134	1058	1062	1067	rVB3	7776	13594	0.25%	0.028%
15	9.392	1100	1106	1120	rBV	396137	753198	13.69%	1.548%
16	9.545	1128	1132	1139	rVB	16212	28284	0.51%	0.058%
17	9.698	1152	1158	1168	rVB2	21790	43578	0.79%	0.090%
18	9.798	1168	1175	1180	rBV8	5150	11524	0.21%	0.024%
19	9.928	1191	1197	1223	rBV	415923	1052124	19.12%	2.163%
20	10.292	1251	1259	1264	rBV	670782	1147795	20.86%	2.360%
21	10.339	1264	1267	1274	rVB	57110	103239	1.88%	0.212%
22	10.492	1285	1293	1300	rBV6	15252	43991	0.80%	0.090%
23	10.733	1327	1334	1339	rBV7	4171	9935	0.18%	0.020%
24	11.410	1442	1449	1453	rBV7	6327	13291	0.24%	0.027%
25	11.863	1519	1526	1530	rBV	10220	19479	0.35%	0.040%
26	11.904	1530	1533	1539	rVB5	7545	13068	0.24%	0.027%
27	11.980	1539	1546	1553	rBV	17807	35993	0.65%	0.074%
28	12.192	1571	1582	1595	rBV	134738	257343	4.68%	0.529%
29	13.069	1729	1731	1736	rVV4	4999	8822	0.16%	0.018%
30	13.222	1748	1757	1764	rVB3	13598	31401	0.57%	0.065%
31	13.333	1769	1776	1785	rBV3	28989	84350	1.53%	0.173%
32	13.486	1796	1802	1808	rBV	68417	130216	2.37%	0.268%
33	13.545	1808	1812	1814	rVV	31098	45831	0.83%	0.094%
34	13.592	1814	1820	1825	rVV	1551134	2155623	39.18%	4.431%

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35	13.639	1825	1828	1837	rVV	100162	162413	2.95%	0.334%
36	13.727	1837	1843	1846	rVV	43182	74136	1.35%	0.152%
37	13.757	1846	1848	1854	rVB2	31996	39277	0.71%	0.081%
38	13.857	1859	1865	1881	rBV	1645245	2477688	45.03%	5.094%
39	14.169	1910	1918	1924	rBV	1199701	1725364	31.36%	3.547%
40	14.233	1924	1929	1940	rVV	1177590	1740373	31.63%	3.578%
41	14.327	1940	1945	1951	rVB	16456	31588	0.57%	0.065%
42	14.439	1959	1964	1968	rBV4	23634	53234	0.97%	0.109%
43	14.580	1983	1988	1997	rVV	61822	98794	1.80%	0.203%
44	14.663	1997	2002	2009	rVB8	9583	18333	0.33%	0.038%
45	14.792	2018	2024	2031	rVV2	26623	53934	0.98%	0.111%
46	14.851	2031	2034	2041	rVB5	9961	18659	0.34%	0.038%
47	14.968	2046	2054	2056	rBV3	14314	28920	0.53%	0.059%
48	14.998	2056	2059	2063	rVV6	12932	23273	0.42%	0.048%
49	15.045	2063	2067	2074	rVB3	11939	21412	0.39%	0.044%
50	15.168	2082	2088	2093	rBV	2249049	3138439	57.04%	6.452%
51	15.221	2093	2097	2106	rVB	557903	831407	15.11%	1.709%
52	15.310	2106	2112	2122	rBV	819650	1332831	24.22%	2.740%
53	15.386	2122	2125	2131	rVV4	51529	122158	2.22%	0.251%
54	15.439	2131	2134	2137	rVV2	39383	55734	1.01%	0.115%
55	15.474	2137	2140	2144	rVV	40949	57402	1.04%	0.118%
56	15.521	2144	2148	2157	rVB	83162	126379	2.30%	0.260%
57	15.668	2164	2173	2183	rBV	70792	166532	3.03%	0.342%
58	15.757	2183	2188	2195	rVB3	18020	33454	0.61%	0.069%
59	15.857	2199	2205	2208	rBV7	5660	10751	0.20%	0.022%
60	15.910	2208	2214	2218	rBV4	22691	38699	0.70%	0.080%
61	15.951	2218	2221	2228	rVB8	11867	18693	0.34%	0.038%
62	16.233	2258	2269	2274	rBV2	47833	111207	2.02%	0.229%
63	16.280	2274	2277	2284	rVB3	21133	36064	0.66%	0.074%
64	16.380	2290	2294	2301	rVB2	27000	38578	0.70%	0.079%
65	16.462	2304	2308	2311	rBV3	15162	21095	0.38%	0.043%
66	16.498	2311	2314	2318	rVB4	9771	12093	0.22%	0.025%
67	16.586	2325	2329	2335	rVB8	17255	37363	0.68%	0.077%
68	16.674	2335	2344	2349	rBV8	27433	70389	1.28%	0.145%
69	16.739	2350	2355	2360	rBV	60364	87235	1.59%	0.179%
70	16.851	2369	2374	2378	rBV6	11160	18904	0.34%	0.039%
71	16.915	2379	2385	2389	rBV	1496449	2092795	38.04%	4.302%

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72	16.957	2389	2392	2397	rVV	582374	813353	14.78%	1.672%
73	17.015	2397	2402	2417	rVB	2585551	3898915	70.87%	8.015%
74	17.204	2431	2434	2442	rVB4	10920	23092	0.42%	0.047%
75	17.339	2452	2457	2465	rVB	32221	57832	1.05%	0.119%
76	17.439	2469	2474	2482	rVB7	19447	30537	0.56%	0.063%
77	17.521	2486	2488	2492	rVB3	6351	8203	0.15%	0.017%
78	17.598	2494	2501	2504	rBV4	14932	28836	0.52%	0.059%
79	17.639	2505	2508	2514	rBV5	11055	16206	0.29%	0.033%
80	17.792	2528	2534	2536	rBV3	36343	61479	1.12%	0.126%
81	17.827	2536	2540	2553	rVB2	193263	363491	6.61%	0.747%
82	17.927	2554	2557	2563	rVB3	31107	43680	0.79%	0.090%
83	17.992	2563	2568	2572	rBV	124515	193726	3.52%	0.398%
84	18.304	2617	2621	2627	rBV2	25227	38859	0.71%	0.080%
85	18.639	2675	2678	2682	rVB6	10401	13323	0.24%	0.027%
86	18.856	2711	2715	2717	rBV5	10942	18164	0.33%	0.037%
87	18.980	2732	2736	2747	rVB	402912	573729	10.43%	1.179%
88	19.115	2756	2759	2768	rVB2	56225	82332	1.50%	0.169%
89	19.203	2771	2774	2782	rVB2	34034	65085	1.18%	0.134%
90	19.315	2787	2793	2803	rBV	3661348	5296371	96.26%	10.888%
91	19.739	2862	2865	2873	rVB2	22509	37594	0.68%	0.077%
92	19.815	2874	2878	2881	rBV2	25990	46182	0.84%	0.095%
93	19.851	2881	2884	2891	rVB4	39380	57532	1.05%	0.118%
94	19.951	2897	2901	2904	rBV	29961	42444	0.77%	0.087%
95	20.468	2985	2989	2996	rBV6	26891	67642	1.23%	0.139%
96	20.839	3048	3052	3060	rVB	463158	599184	10.89%	1.232%
97	21.109	3092	3098	3111	rBV	2060150	2690803	48.91%	5.532%
98	23.121	3433	3440	3455	rBV2	2998178	5501883	100.00%	11.311%
99	23.256	3456	3463	3479	rVB	1472141	2741414	49.83%	5.636%
100	23.756	3544	3548	3554	rVB	148483	253521	4.61%	0.521%

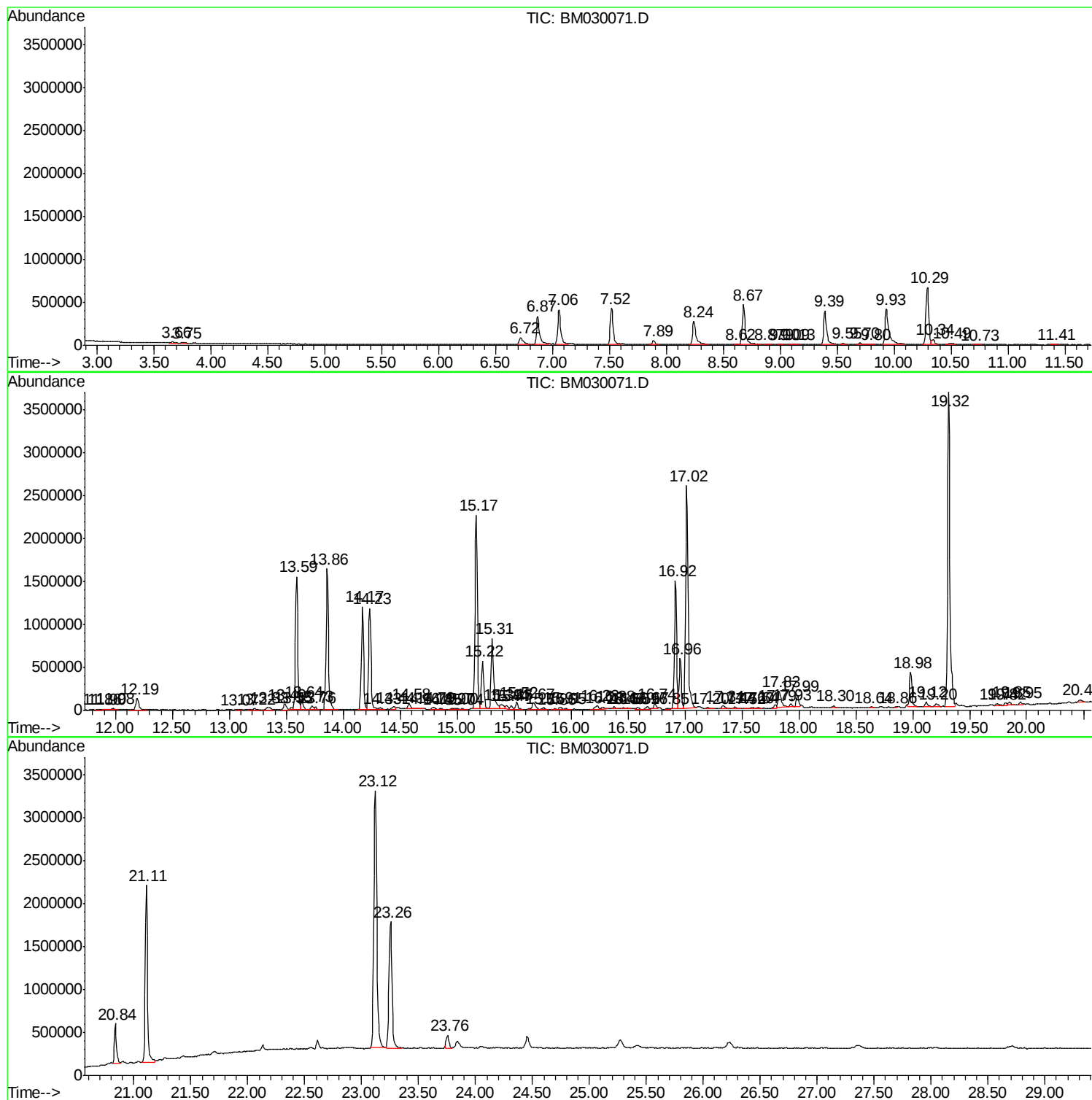
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



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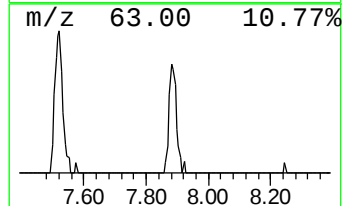
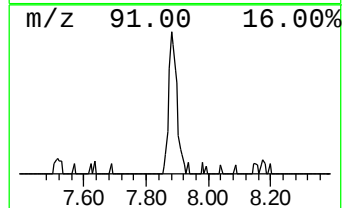
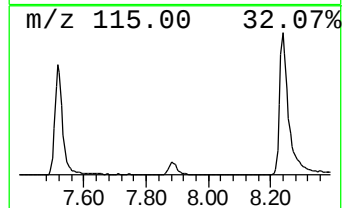
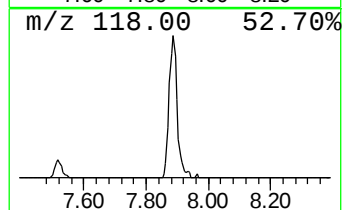
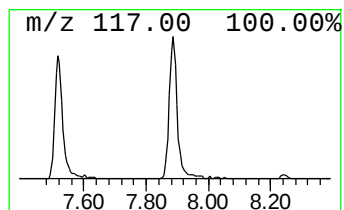
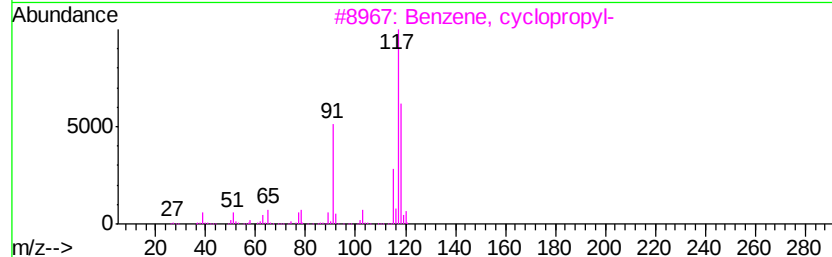
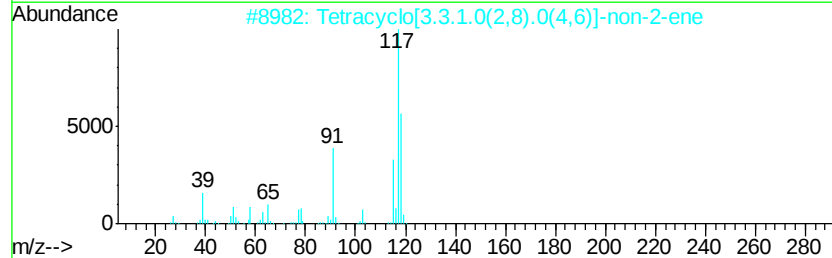
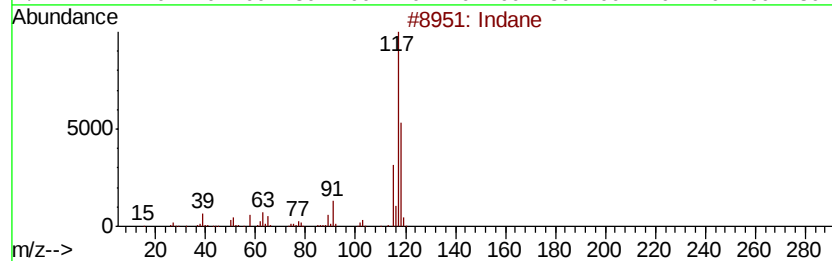
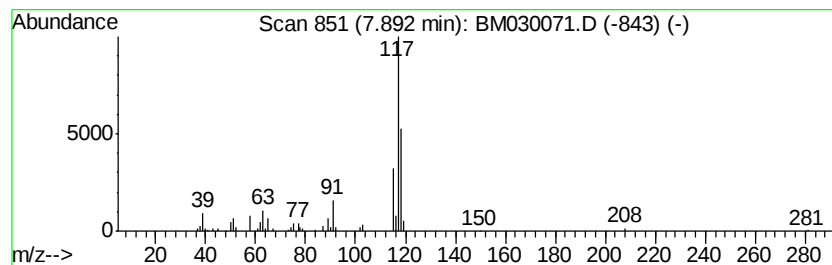
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	2.18 ng/ul	81001	1,4-Dichlorobenzene-d4	7.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	87
3	Benzene, cvclopropyl-		118	C9H10	000873-49-4	83
4	Benzene, cvclopropyl-		118	C9H10	000873-49-4	72
5	Indane		118	C9H10	000496-11-7	72



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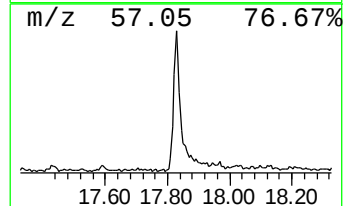
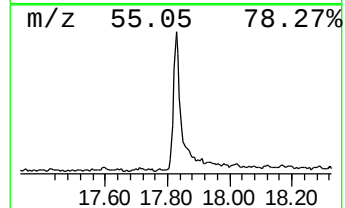
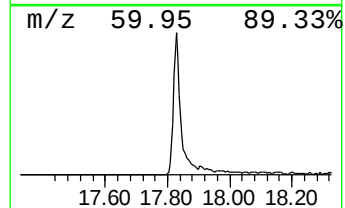
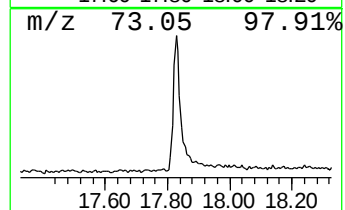
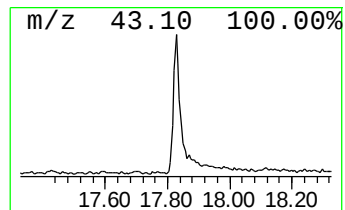
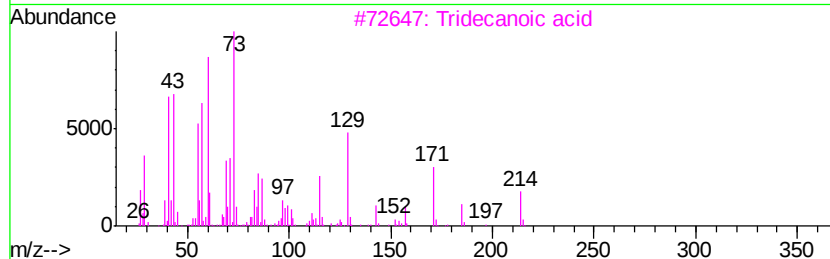
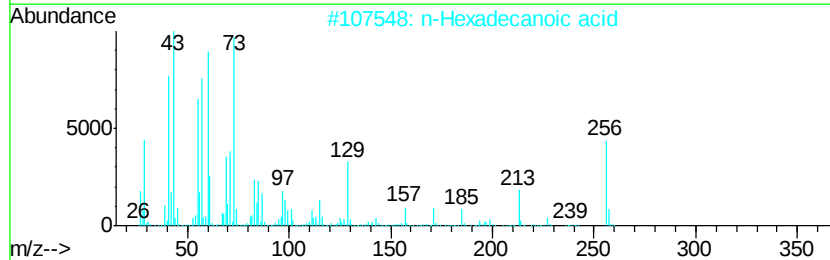
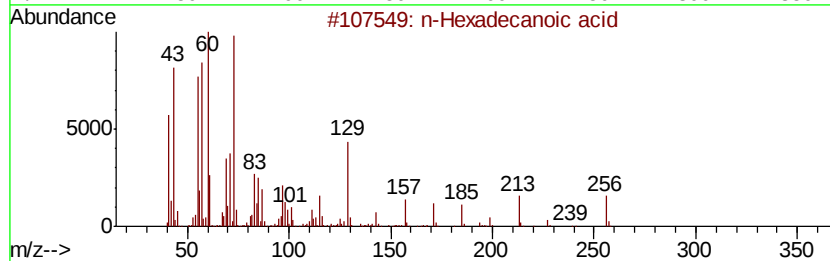
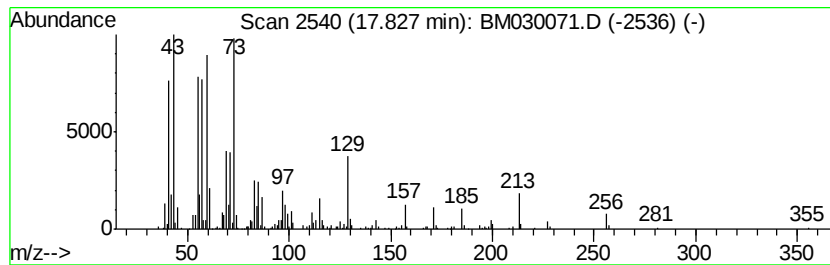
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.47 ng/ul	363491	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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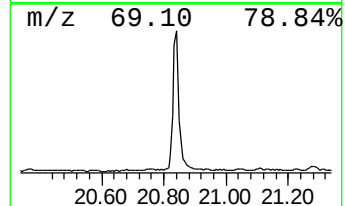
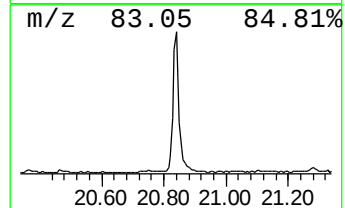
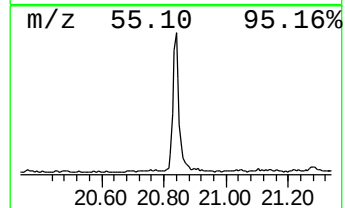
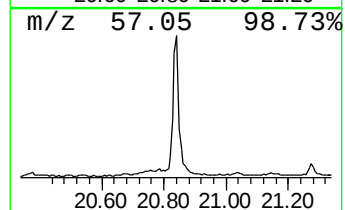
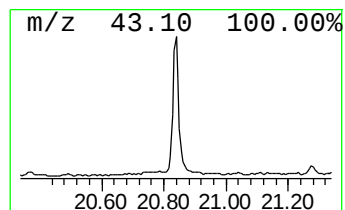
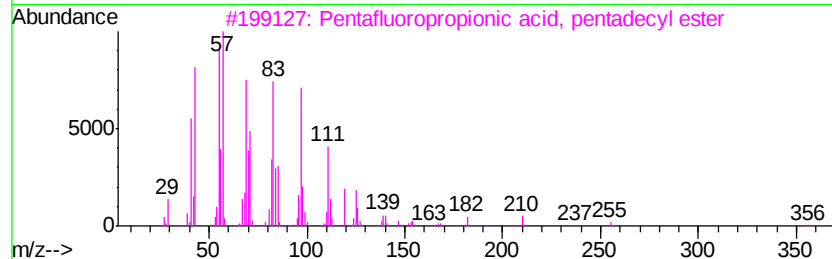
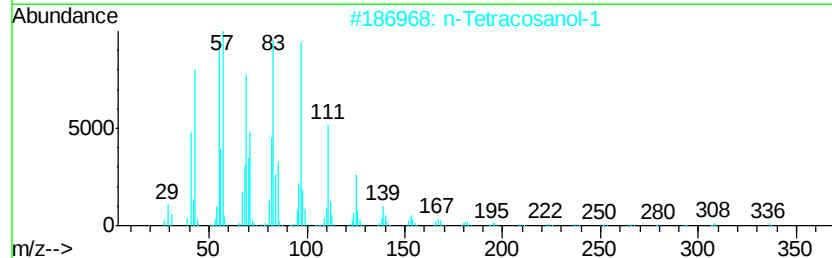
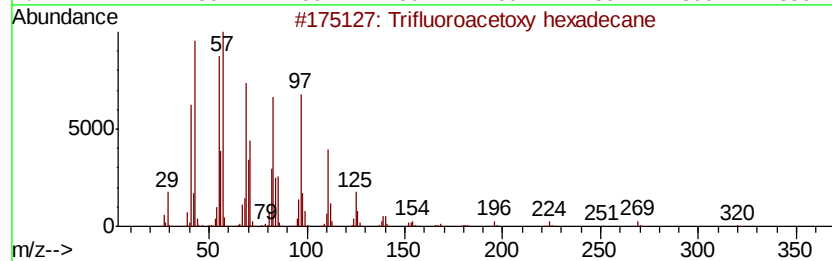
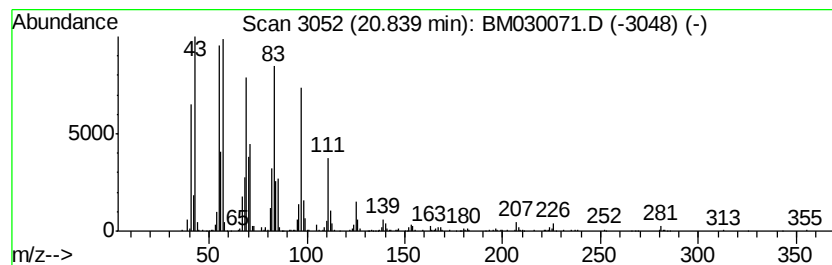
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Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	4.45 ng/ul	599184	Chrysene-d12	21.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5		1-Docosene	308	C22H44	001599-67-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051821\
Data File : BM030071.D
Acq On : 18 May 2021 18:39
Operator : CG/JU
Sample : M2445-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG1Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.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
Indane	7.89	2.2	ng/ul	81001	1	7.52	744470	20.0
n-Hexadecanoic acid	17.83	3.5	ng/ul	363491	4	16.92	2092800	20.0
Trifluoroacetoxy ...	20.84	4.5	ng/ul	599184	5	21.11	2690800	20.0