

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
 Data File : BM026812.D
 Acq On : 21 Jul 2020 17:40
 Operator : JU/CG
 Sample : L3336-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PMW-8D

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-BM063020MA.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	2.902	25	28	32	rBV	24750	32658	1.99%	0.167%
2	2.931	32	33	39	rVB3	13065	16509	1.01%	0.084%
3	3.166	70	73	76	rVB4	4814	4969	0.30%	0.025%
4	3.513	127	132	136	rVB4	7221	12060	0.73%	0.062%
5	3.590	142	145	149	rBV4	6306	7244	0.44%	0.037%
6	4.031	218	220	224	rVB5	2308	2778	0.17%	0.014%
7	4.490	295	298	300	rBV4	2173	2137	0.13%	0.011%
8	4.802	350	351	356	rVB4	3085	3755	0.23%	0.019%
9	5.913	538	540	545	rBV4	1302	2514	0.15%	0.013%
10	6.519	638	643	653	rVV	76110	134250	8.17%	0.685%
11	6.660	662	667	682	rBV	196529	307346	18.71%	1.569%
12	6.843	693	698	708	rBV	225511	368015	22.41%	1.879%
13	6.972	717	720	721	rBV	8428	7714	0.47%	0.039%
14	7.301	770	776	786	rBV	336871	506039	30.81%	2.583%
15	7.390	788	791	799	rVV4	3770	8581	0.52%	0.044%
16	8.037	895	901	911	rBV	193032	333312	20.29%	1.701%
17	8.448	965	971	982	rVV	266307	443627	27.01%	2.265%
18	8.578	992	993	998	rVB5	1728	2466	0.15%	0.013%
19	8.660	1003	1007	1013	rBV6	3204	5309	0.32%	0.027%
20	9.160	1086	1092	1108	rVV	228947	387691	23.60%	1.979%
21	9.701	1178	1184	1200	rBV	290023	532776	32.44%	2.720%
22	10.054	1237	1244	1252	rBV	475898	745089	45.37%	3.804%
23	10.213	1264	1271	1287	rBV	257409	512354	31.19%	2.615%
24	10.660	1343	1347	1351	rVB4	1542	2359	0.14%	0.012%
25	11.366	1463	1467	1469	rBV3	1530	2467	0.15%	0.013%
26	11.613	1505	1509	1513	rBV5	2604	4456	0.27%	0.023%
27	11.678	1515	1520	1525	rVB5	3183	6208	0.38%	0.032%
28	12.301	1622	1626	1631	rBV4	3604	5665	0.34%	0.029%
29	12.566	1666	1671	1679	rVB7	4594	8235	0.50%	0.042%
30	12.883	1721	1725	1730	rVB6	4224	7022	0.43%	0.036%
31	13.395	1805	1812	1816	rBV	659466	882404	53.73%	4.504%
32	13.442	1816	1820	1830	rVV	175884	250408	15.25%	1.278%
33	13.648	1849	1855	1864	rBV	700056	944377	57.50%	4.821%
34	13.901	1894	1898	1901	rBV4	2416	3144	0.19%	0.016%

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 Title : SVOA CALIBRATION

35	13.966	1902	1909	1920	rVB	727639	1061153	64.61%	5.417%
36	14.166	1939	1943	1947	rVB5	2270	3222	0.20%	0.016%
37	14.260	1954	1959	1962	rBV3	17821	30433	1.85%	0.155%
38	14.448	1989	1991	1992	rBV	3037	2167	0.13%	0.011%
39	14.542	2006	2007	2012	rVB5	1400	2076	0.13%	0.011%
40	14.601	2015	2017	2021	rVB3	2057	2077	0.13%	0.011%
41	14.748	2036	2042	2049	rBV	205937	271766	16.55%	1.387%
42	14.807	2049	2052	2054	rVV3	4384	5452	0.33%	0.028%
43	14.830	2054	2056	2059	rVV2	4072	4750	0.29%	0.024%
44	14.860	2059	2061	2066	rVB5	4203	5721	0.35%	0.029%
45	14.971	2074	2080	2088	rBV	890755	1206618	73.47%	6.160%
46	15.130	2099	2107	2117	rBV	213195	351830	21.42%	1.796%
47	15.213	2118	2121	2126	rVV3	13044	20376	1.24%	0.104%
48	15.271	2128	2131	2138	rVB7	3295	7236	0.44%	0.037%
49	15.424	2154	2157	2158	rBV3	2268	2436	0.15%	0.012%
50	15.489	2165	2168	2171	rVB4	1629	2086	0.13%	0.011%
51	15.554	2173	2179	2182	rBV5	4080	5840	0.36%	0.030%
52	15.666	2195	2198	2200	rBV3	2155	2589	0.16%	0.013%
53	15.736	2206	2210	2212	rBV4	5136	6437	0.39%	0.033%
54	15.754	2212	2213	2221	rVB8	4516	7106	0.43%	0.036%
55	15.901	2234	2238	2241	rBV5	3797	4836	0.29%	0.025%
56	16.089	2263	2270	2275	rBV5	10267	16902	1.03%	0.086%
57	16.148	2275	2280	2281	rVV4	4387	4874	0.30%	0.025%
58	16.177	2281	2285	2290	rVV6	12358	18954	1.15%	0.097%
59	16.236	2292	2295	2299	rVV5	4692	6824	0.42%	0.035%
60	16.389	2317	2321	2329	rBV2	11381	20530	1.25%	0.105%
61	16.524	2340	2344	2349	rVV6	5675	10202	0.62%	0.052%
62	16.565	2349	2351	2356	rVB4	2760	3540	0.22%	0.018%
63	16.724	2368	2378	2388	rBV	980894	1312284	79.90%	6.699%
64	16.824	2389	2395	2408	rVV	984192	1366393	83.19%	6.975%
65	16.918	2408	2411	2414	rBV5	3016	3806	0.23%	0.019%
66	16.989	2420	2423	2424	rBV2	3352	3038	0.18%	0.016%
67	17.060	2431	2435	2438	rBV6	1854	3060	0.19%	0.016%
68	17.101	2438	2442	2448	rVB6	8481	15407	0.94%	0.079%
69	17.154	2448	2451	2453	rBV4	4511	5532	0.34%	0.028%
70	17.260	2467	2469	2472	rBV4	3971	4827	0.29%	0.025%
71	17.436	2497	2499	2503	rVB5	3594	3325	0.20%	0.017%

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72	17.548	2512	2518	2521	rBV3	32559	60379	3.68%	0.308%
73	17.595	2523	2526	2533	rVB	52248	74625	4.54%	0.381%
74	17.665	2533	2538	2547	rBV	253119	358512	21.83%	1.830%
75	18.136	2617	2618	2621	rBV3	3051	3031	0.18%	0.015%
76	18.348	2650	2654	2656	rBV5	2879	3673	0.22%	0.019%
77	18.477	2673	2676	2680	rBV5	3885	6132	0.37%	0.031%
78	18.536	2683	2686	2687	rBV2	4296	3458	0.21%	0.018%
79	18.601	2695	2697	2700	rBV4	3084	3323	0.20%	0.017%
80	18.771	2723	2726	2730	rVB2	13033	16785	1.02%	0.086%
81	18.807	2730	2732	2733	rBV	5132	4242	0.26%	0.022%
82	18.936	2752	2754	2755	rBV2	3762	2814	0.17%	0.014%
83	18.965	2755	2759	2764	rVV3	39850	61315	3.73%	0.313%
84	19.024	2765	2769	2773	rVB	12109	20972	1.28%	0.107%
85	19.136	2780	2788	2794	rBV	1281790	1642430	100.00%	8.384%
86	19.583	2861	2864	2866	rBV3	3709	3152	0.19%	0.016%
87	19.630	2870	2872	2874	rBV3	4011	2633	0.16%	0.013%
88	19.701	2880	2884	2888	rBV6	13578	21965	1.34%	0.112%
89	19.865	2910	2912	2913	rBV2	5207	2975	0.18%	0.015%
90	20.053	2942	2944	2949	rBV5	5845	7073	0.43%	0.036%
91	20.701	3049	3054	3063	rBV	385944	536374	32.66%	2.738%
92	20.948	3091	3096	3106	rBV	1152063	1439604	87.65%	7.349%
93	21.142	3126	3129	3133	rBV	44452	45351	2.76%	0.232%
94	21.559	3197	3200	3206	rBV3	50650	85669	5.22%	0.437%
95	21.983	3269	3272	3277	rVB	63467	67769	4.13%	0.346%
96	22.442	3347	3350	3353	rVB2	71133	79104	4.82%	0.404%
97	22.883	3419	3425	3432	rBV	733844	1193680	72.68%	6.093%
98	22.942	3432	3435	3440	rVV	87738	134288	8.18%	0.686%
99	23.012	3441	3447	3457	rVB2	750157	1274758	77.61%	6.507%
100	23.512	3529	3532	3539	rVB2	78955	131756	8.02%	0.673%

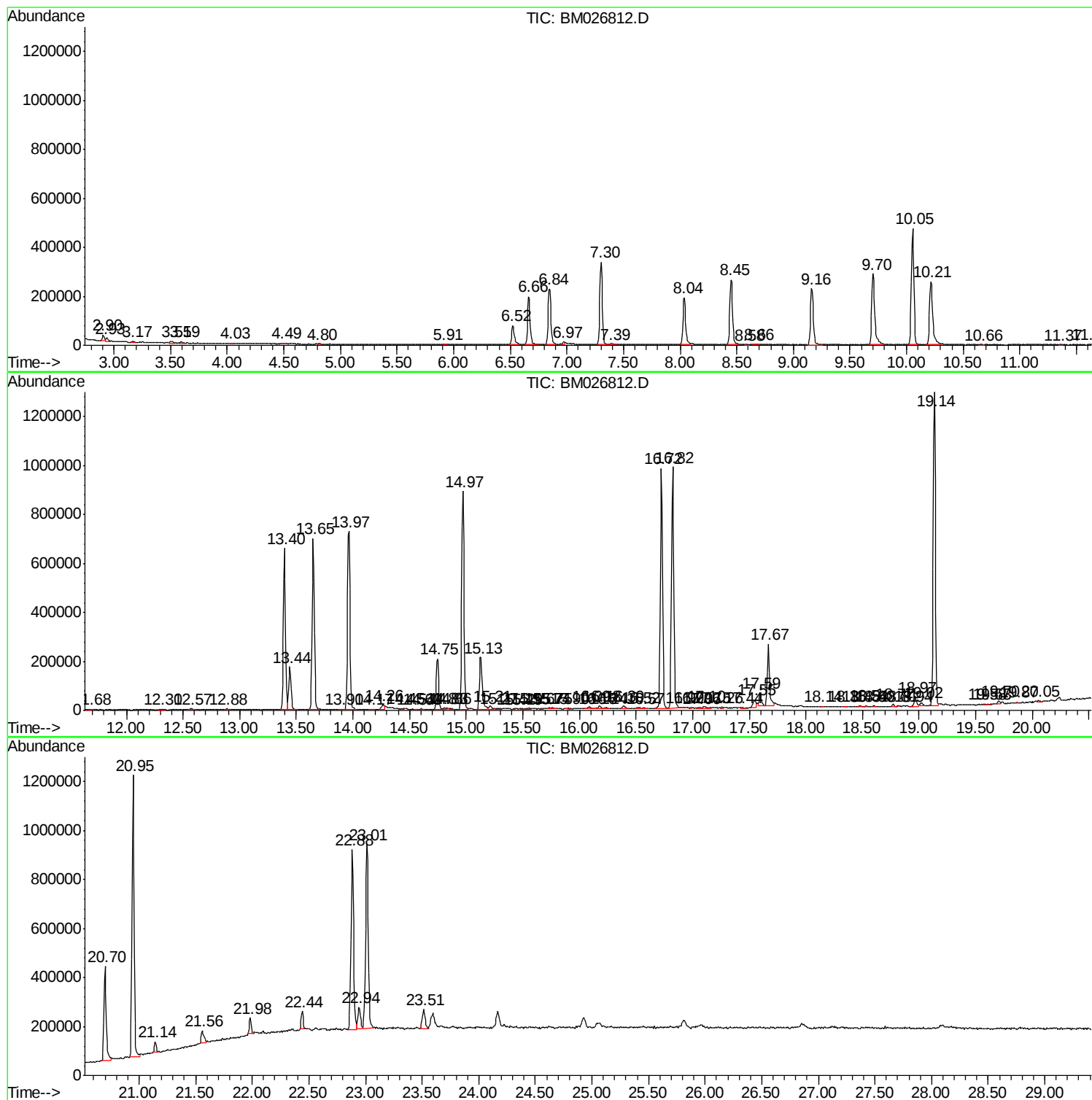
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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



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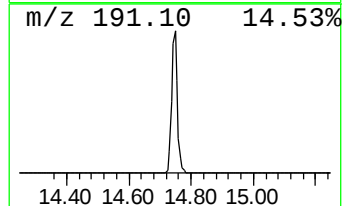
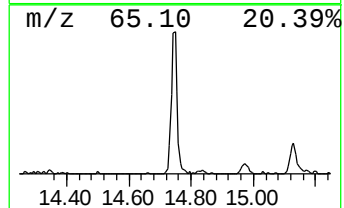
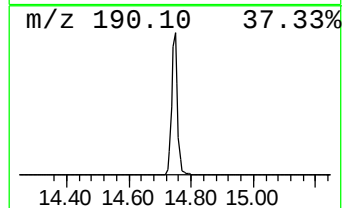
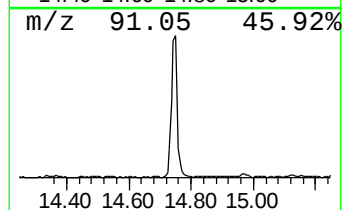
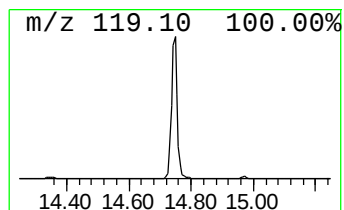
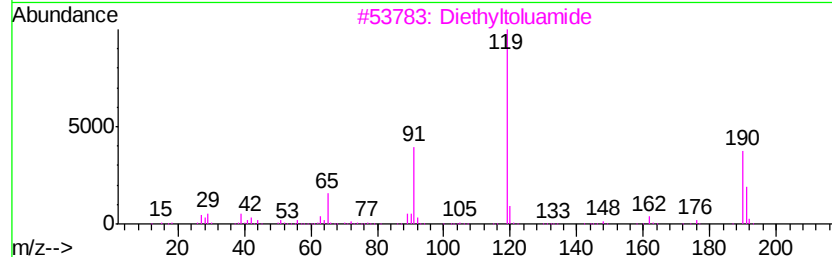
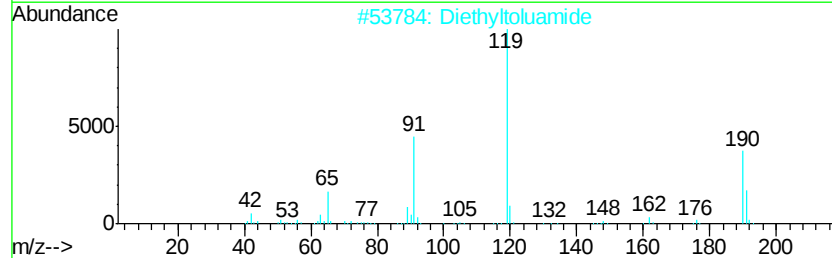
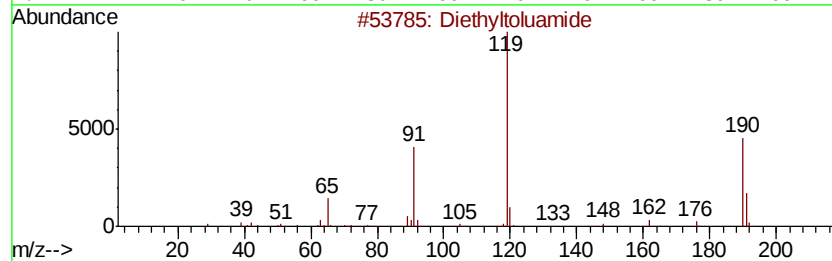
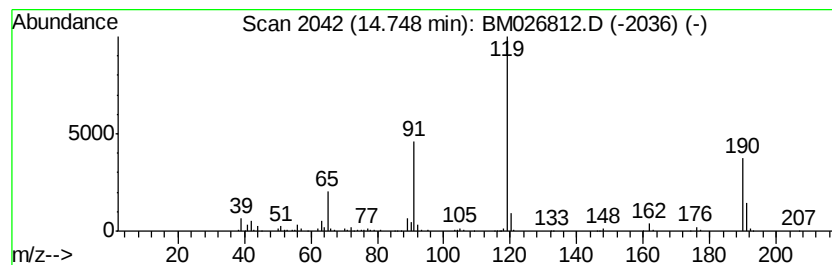
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	5.12 ng/ul	271766	Acenaphthene-d10	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2		Diethyltoluamide	191	C12H17NO	000134-62-3	94
3		Diethyltoluamide	191	C12H17NO	000134-62-3	94
4		3-(4-Methylbenzoyl)acrylic acid	190	C11H10O3	020972-36-5	78
5		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	72



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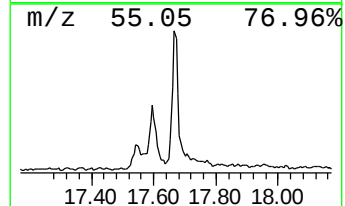
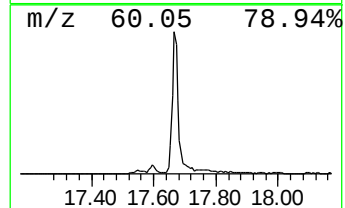
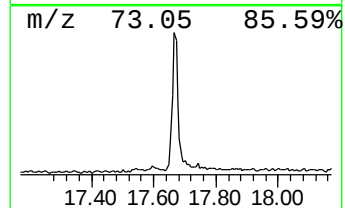
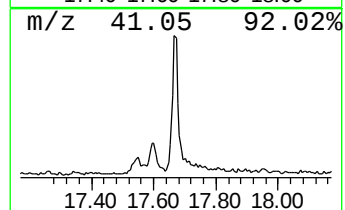
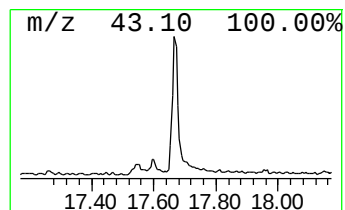
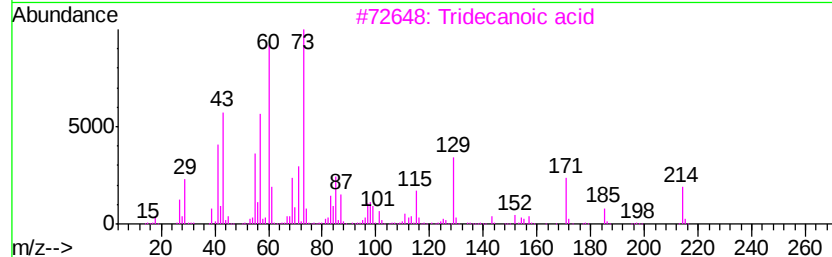
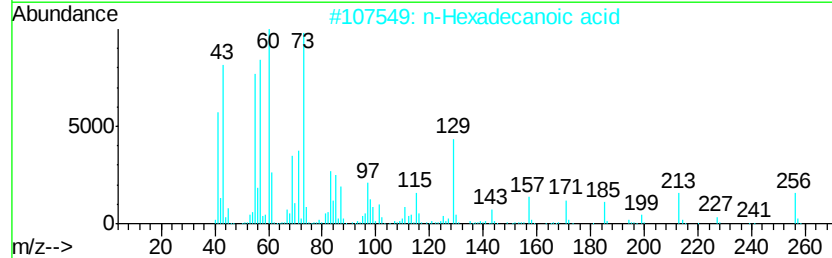
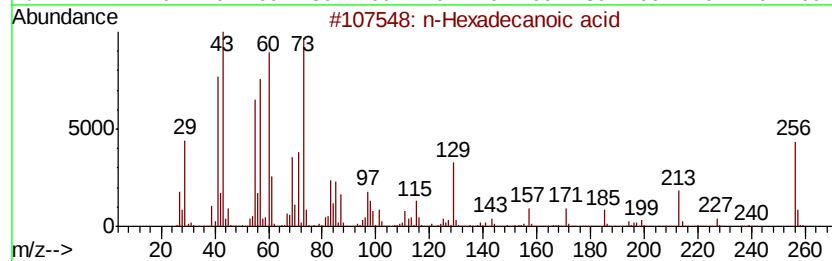
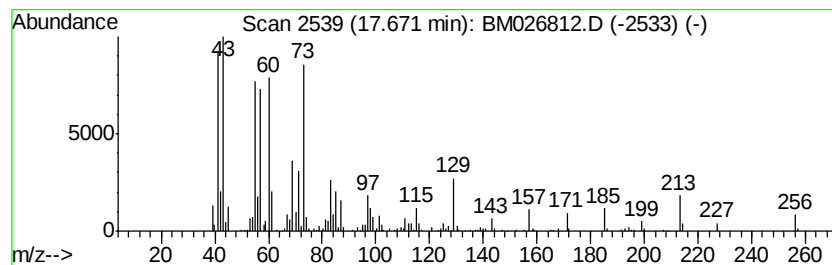
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	5.46 ng/ul	358512	Phenanthrene-d10	16.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	89



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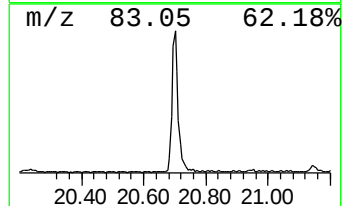
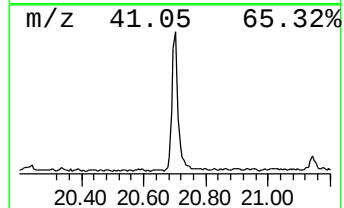
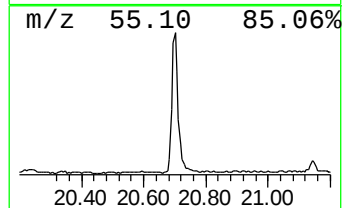
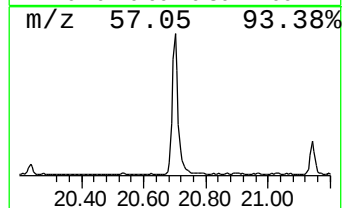
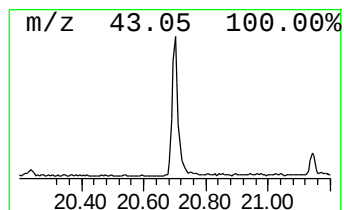
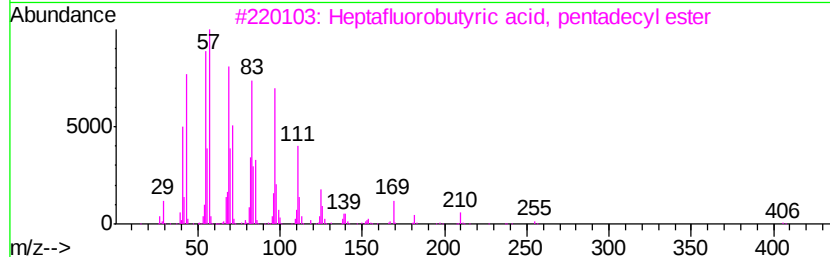
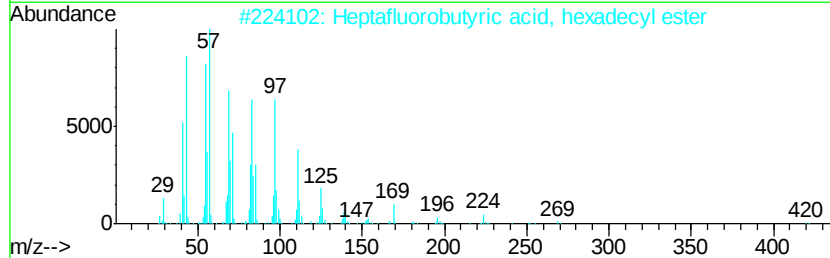
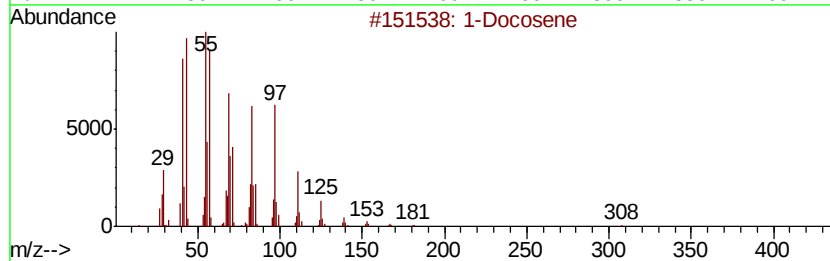
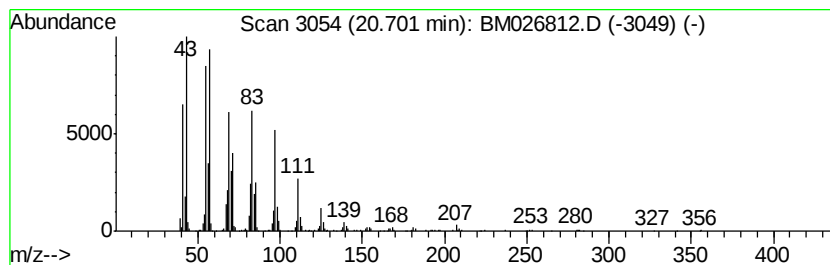
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	7.45 ng/ul	536374	Chrysene-d12	20.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5		Cyclotetracosane	336	C24H48	000297-03-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026812.D
Acq On : 21 Jul 2020 17:40
Operator : JU/CG
Sample : L3336-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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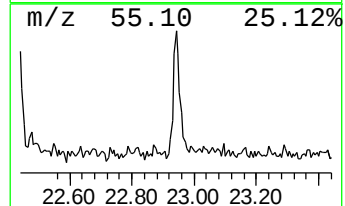
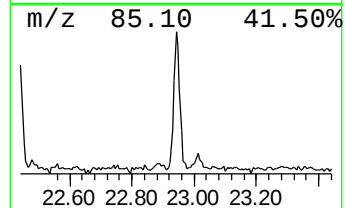
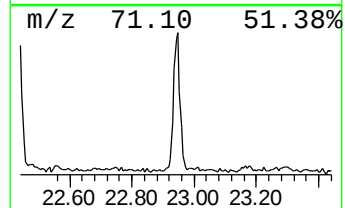
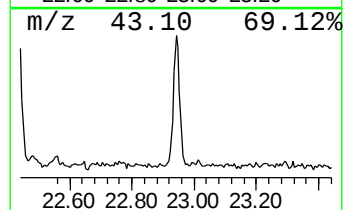
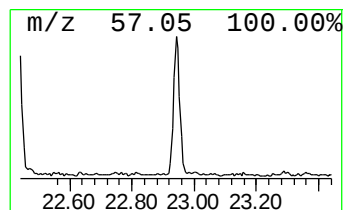
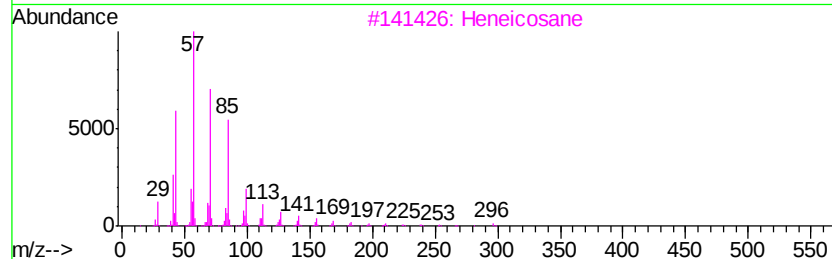
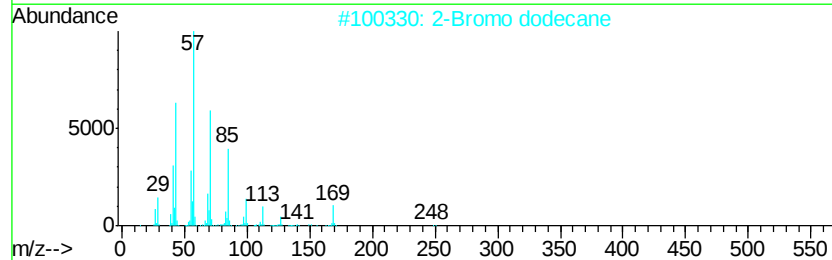
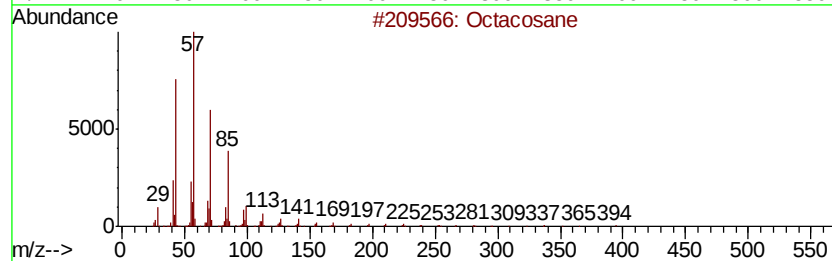
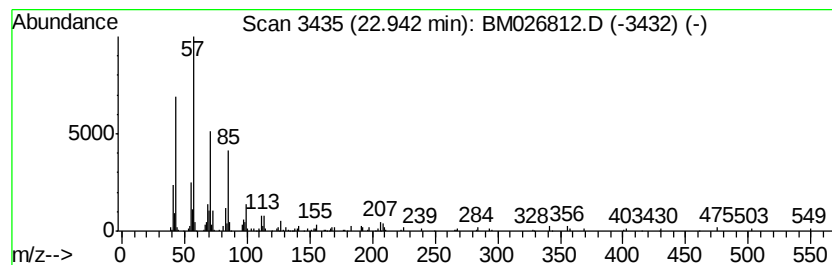
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	2.11 ng/ul	134288	Perylene-d12	23.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	81
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	74
3			Heneicosane	296	C21H44	000629-94-7	74
4			Tetracosane	338	C24H50	000646-31-1	74
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026812.D
Acq On : 21 Jul 2020 17:40
Operator : JU/CG
Sample : L3336-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PMW-8D

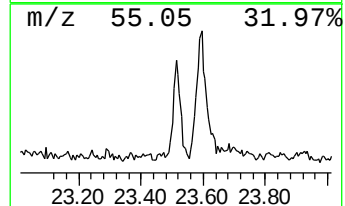
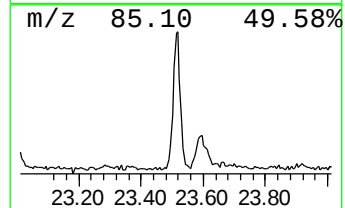
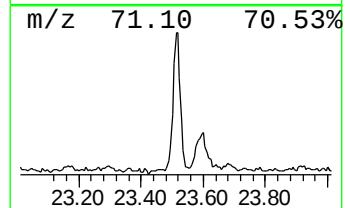
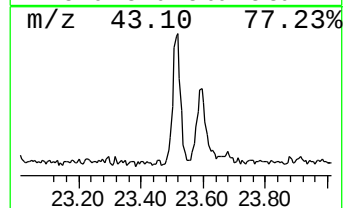
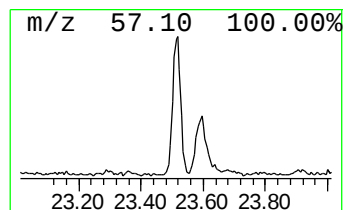
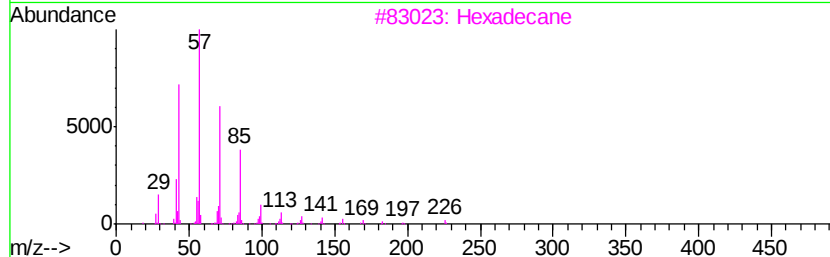
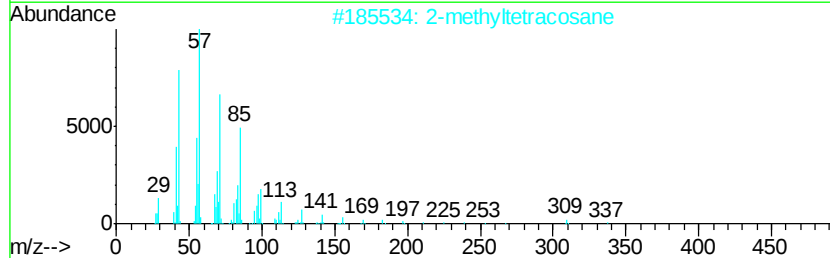
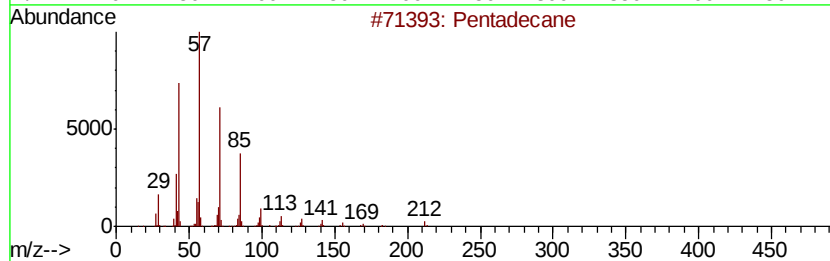
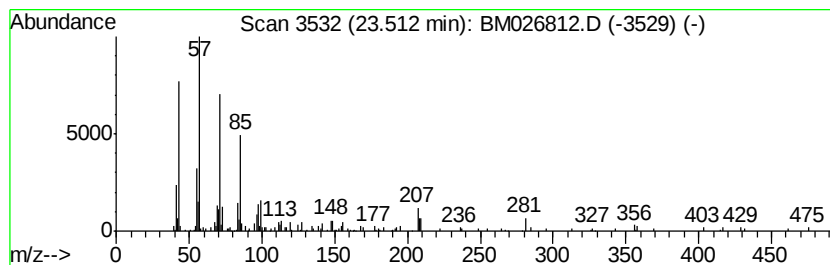
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	2.07 ng/ul	131756	Perylene-d12	23.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	68
2		2-methyltetracosane	352	C25H52	1000376-72-6	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		Tetradecane	198	C14H30	000629-59-4	64
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072120\
Data File : BM026812.D
Acq On : 21 Jul 2020 17:40
Operator : JU/CG
Sample : L3336-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PMW-8D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.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
Diethyltoluamide	14.75	5.1	ng/ul	271766	3	13.97	1061150	20.0
n-Hexadecanoic acid	17.67	5.5	ng/ul	358512	4	16.72	1312280	20.0
(DEL) Alkane: Str...	20.70	7.5	ng/ul	536374	5	20.95	1439600	20.0
(DEL) Alkane: Str...	22.94	2.1	ng/ul	134288	6	23.01	1274760	20.0
(DEL) Alkane: Str...	23.51	2.1	ng/ul	131756	6	23.01	1274760	20.0