

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
 Data File : BM021598.D
 Acq On : 23 Jul 2019 01:49
 Operator : HP/JU
 Sample : K3823-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52M6

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-BM070819MA.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	3.210	33	38	57	rVB	1434287	2479249	25.20%	3.620%
2	6.881	657	662	673	rVB	188917	335427	3.41%	0.490%
3	7.051	686	691	705	rVB	567867	945851	9.61%	1.381%
4	7.240	717	723	737	rVB	686410	1129783	11.48%	1.650%
5	7.704	796	802	811	rVB	567632	898010	9.13%	1.311%
6	8.410	917	922	935	rVB	568101	951762	9.67%	1.390%
7	8.869	993	1000	1010	rVB	856462	1416128	14.39%	2.068%
8	9.581	1115	1121	1136	rVB	699198	1189723	12.09%	1.737%
9	10.116	1205	1212	1235	rBV	1043290	1928867	19.60%	2.816%
10	10.486	1268	1275	1283	rVB	862370	1436068	14.59%	2.097%
11	10.651	1297	1303	1312	rBV	75877	167579	1.70%	0.245%
12	12.092	1543	1548	1555	rVB	13644	23712	0.24%	0.035%
13	13.769	1826	1833	1838	rBV	2600455	3541380	35.99%	5.171%
14	13.816	1838	1841	1850	rVB	144069	195690	1.99%	0.286%
15	14.045	1872	1880	1890	rBV	2776821	4073140	41.39%	5.947%
16	14.351	1925	1932	1940	rBV	1552213	2315114	23.53%	3.380%
17	14.586	1965	1972	1991	rBV2	129301	316615	3.22%	0.462%
18	15.110	2055	2061	2070	rBV	274486	379766	3.86%	0.554%
19	15.186	2070	2074	2082	rVB6	6447	11440	0.12%	0.017%
20	15.351	2094	2102	2112	rBV	3777041	5417311	55.05%	7.909%
21	15.486	2118	2125	2138	rBV	1128829	1597553	16.24%	2.332%
22	15.586	2138	2142	2148	rVB	40746	59125	0.60%	0.086%
23	16.133	2231	2235	2240	rVB4	14366	19117	0.19%	0.028%
24	17.104	2393	2400	2410	rBV	2183796	2995554	30.44%	4.374%
25	17.204	2410	2417	2428	rBV	4465809	6305857	64.08%	9.207%
26	17.992	2546	2551	2563	rBV	188849	323786	3.29%	0.473%
27	18.351	2607	2612	2615	rBV6	9531	17598	0.18%	0.026%
28	19.133	2741	2745	2755	rBV	62163	112031	1.14%	0.164%
29	19.280	2765	2770	2779	rBV2	108296	177237	1.80%	0.259%
30	19.392	2785	2789	2793	rVB	41969	51624	0.52%	0.075%
31	19.503	2801	2808	2821	rBV	6107000	8325250	84.61%	12.155%
32	20.998	3058	3062	3071	rBV	170279	298067	3.03%	0.435%
33	21.292	3107	3112	3120	rBV	3085275	3944797	40.09%	5.760%
34	21.862	3207	3209	3216	rBV	82360	92142	0.94%	0.135%

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35	22.327	3285	3288	3294	rBV2	152260	199950	2.03%	0.292%
36	22.833	3371	3374	3379	rVB	223248	300890	3.06%	0.439%
37	23.403	3463	3471	3482	rBV	5313743	9840121	100.00%	14.367%
38	23.539	3488	3494	3510	rVB2	2234456	4286681	43.56%	6.259%
39	24.038	3575	3579	3585	rVB	223127	391785	3.98%	0.572%

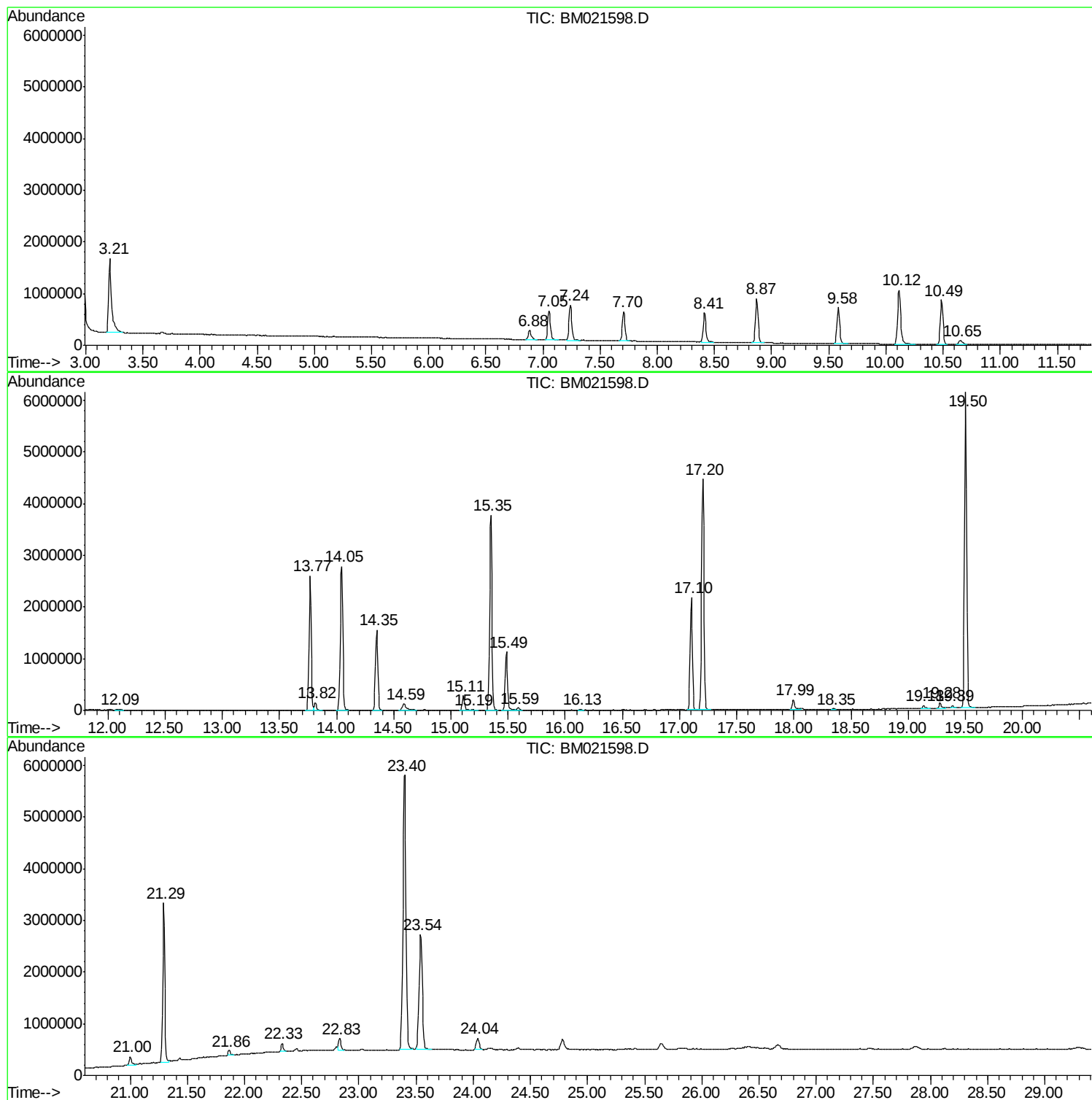
Sum of corrected areas: 68491780

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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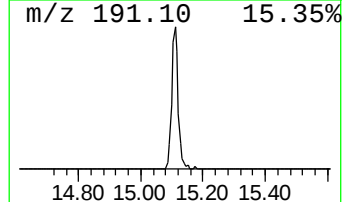
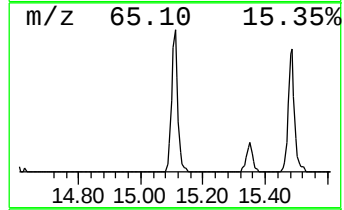
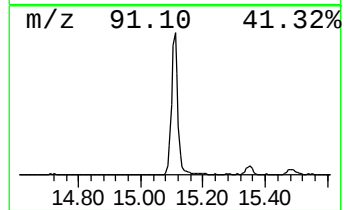
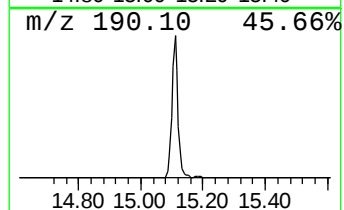
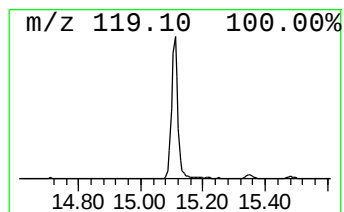
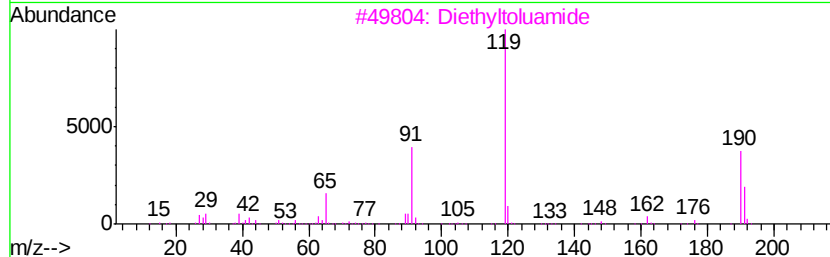
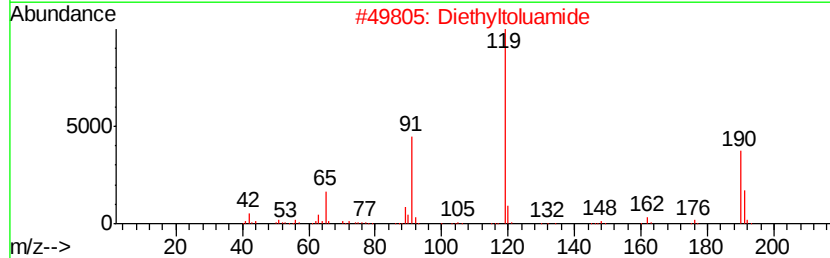
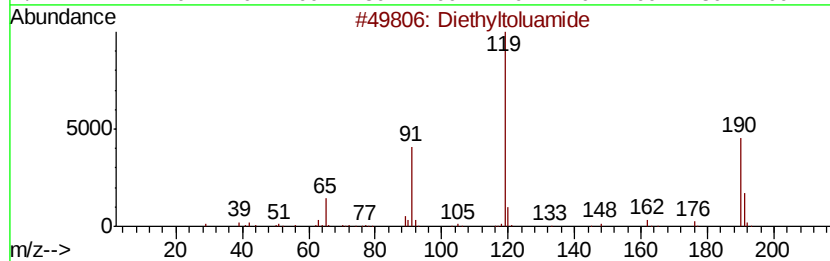
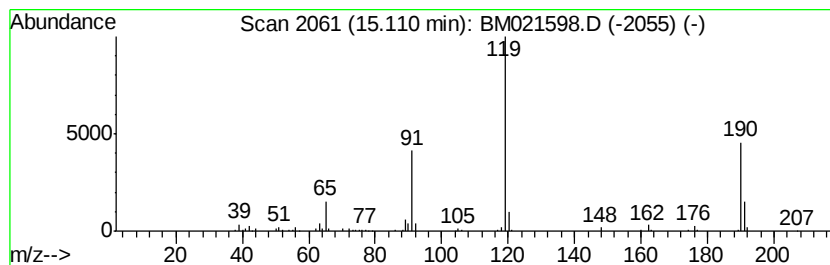
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	3.28 ng/ul	379766	Acenaphthene-d10	14.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3 96
2	Diethyltoluamide	191	C12H17NO	000134-62-3 95
3	Diethyltoluamide	191	C12H17NO	000134-62-3 94
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4 87
5	Diethyltoluamide	191	C12H17NO	000134-62-3 74



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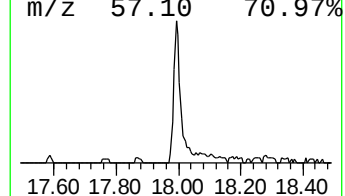
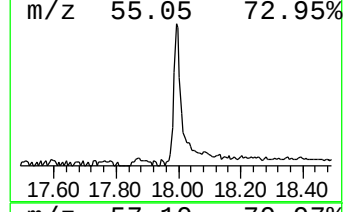
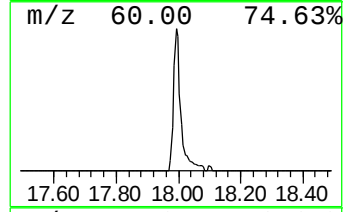
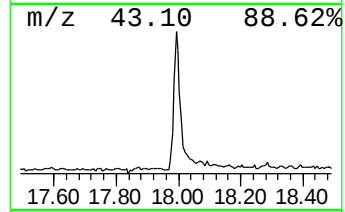
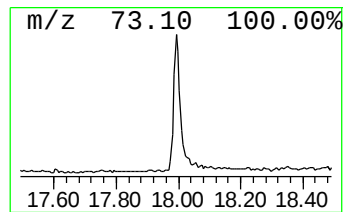
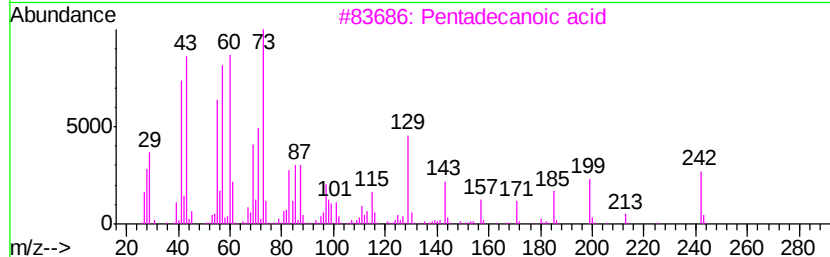
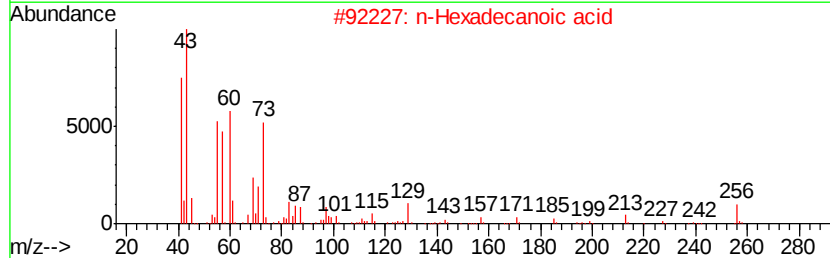
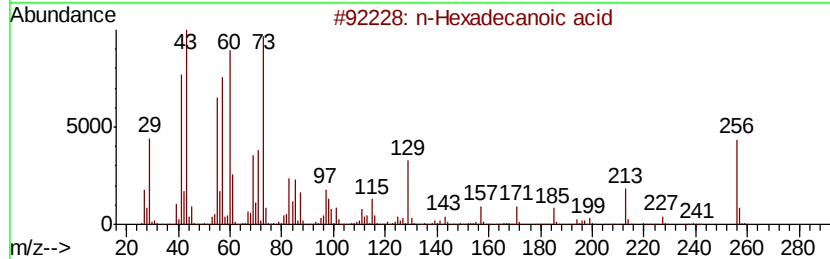
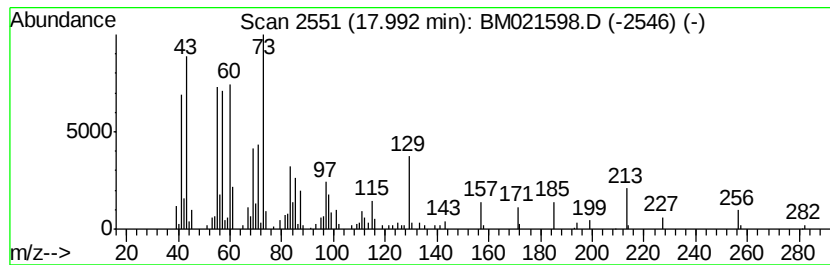
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.99	2.16 ng/ul	323786	Phenanthrene-d10	17.10		
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	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	22	



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	15.11	3.3	ng/ul	379766	3	14.35	2315110	20.0
n-Hexadecanoic acid	17.99	2.2	ng/ul	323786	4	17.10	2995550	20.0