

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021496.D
 Acq On : 17 Jul 2019 19:12
 Operator : HP/JU
 Sample : K3772-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52N4

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	3.257	44	46	51	rBV	42485	51408	1.17%	0.129%
2	6.898	660	665	669	rBV	159130	256500	5.86%	0.644%
3	6.939	669	672	679	rVB	61520	100486	2.30%	0.252%
4	7.069	688	694	702	rBV	459069	745767	17.03%	1.874%
5	7.257	720	726	740	rVB	585881	933931	21.33%	2.346%
6	7.722	799	805	812	rVB	658243	1040652	23.77%	2.615%
7	8.428	919	925	934	rBV	372750	605160	13.82%	1.520%
8	8.886	996	1003	1014	rVB	628124	1056278	24.13%	2.654%
9	9.598	1118	1124	1135	rBV	505655	857496	19.59%	2.154%
10	10.133	1208	1215	1236	rVV	753159	1379091	31.50%	3.465%
11	10.298	1240	1243	1248	rVB6	3034	4624	0.11%	0.012%
12	10.504	1271	1278	1287	rVB	837653	1422433	32.49%	3.574%
13	10.675	1300	1307	1317	rBV4	14544	34103	0.78%	0.086%
14	12.104	1546	1550	1559	rVB	10095	19173	0.44%	0.048%
15	12.704	1645	1652	1657	rBV3	4412	7850	0.18%	0.020%
16	12.933	1684	1691	1692	rBV3	3904	7070	0.16%	0.018%
17	12.957	1692	1695	1702	rVB4	28857	44020	1.01%	0.111%
18	13.198	1733	1736	1741	rVB3	3471	5433	0.12%	0.014%
19	13.604	1798	1805	1808	rBV4	2551	5442	0.12%	0.014%
20	13.780	1827	1835	1840	rBV	1461036	2049110	46.80%	5.148%
21	13.827	1840	1843	1850	rVB	206902	290783	6.64%	0.731%
22	14.057	1873	1882	1889	rBV	1700656	2497056	57.03%	6.274%
23	14.368	1928	1935	1944	rVV2	1219842	1843146	42.10%	4.631%
24	14.439	1944	1947	1955	rVV3	9735	20016	0.46%	0.050%
25	14.610	1968	1976	1993	rBV2	56623	152805	3.49%	0.384%
26	14.927	2025	2030	2038	rBV3	27250	40716	0.93%	0.102%
27	15.115	2055	2062	2067	rBV	179642	252010	5.76%	0.633%
28	15.198	2073	2076	2079	rBV3	3819	4942	0.11%	0.012%
29	15.239	2079	2083	2089	rVB5	4620	8888	0.20%	0.022%
30	15.362	2095	2104	2115	rBV	2229602	3191364	72.89%	8.018%
31	15.451	2115	2119	2122	rVV4	18623	27457	0.63%	0.069%
32	15.498	2122	2127	2141	rVV	486083	745502	17.03%	1.873%
33	15.604	2141	2145	2149	rVB2	25749	35328	0.81%	0.089%
34	15.727	2164	2166	2171	rVB3	3449	6128	0.14%	0.015%

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35	15.880	2187	2192	2202	rBV3	13155	38728	0.88%	0.097%
36	16.062	2218	2223	2227	rVV6	21930	36651	0.84%	0.092%
37	16.145	2231	2237	2242	rVV7	10550	21630	0.49%	0.054%
38	16.198	2242	2246	2249	rVB5	2982	5108	0.12%	0.013%
39	16.256	2254	2256	2262	rVB6	4560	5793	0.13%	0.015%
40	16.333	2262	2269	2274	rBV7	6470	14172	0.32%	0.036%
41	16.527	2299	2302	2306	rBV5	6247	10588	0.24%	0.027%
42	16.592	2310	2313	2316	rVB4	3591	4893	0.11%	0.012%
43	16.704	2326	2332	2336	rBV4	38097	54236	1.24%	0.136%
44	16.751	2336	2340	2344	rBV4	20112	24380	0.56%	0.061%
45	16.809	2344	2350	2351	rBV5	4765	7568	0.17%	0.019%
46	16.839	2352	2355	2358	rBV4	14988	17543	0.40%	0.044%
47	16.904	2364	2366	2371	rVB3	6275	7589	0.17%	0.019%
48	16.974	2373	2378	2379	rBV5	12499	19091	0.44%	0.048%
49	17.015	2380	2385	2392	rVB3	41287	82841	1.89%	0.208%
50	17.115	2396	2402	2412	rBV2	1590415	2245397	51.29%	5.642%
51	17.215	2413	2419	2429	rVB	2138584	3051594	69.70%	7.667%
52	17.339	2436	2440	2445	rBV6	29972	51692	1.18%	0.130%
53	17.403	2447	2451	2452	rBV3	13851	15369	0.35%	0.039%
54	17.468	2460	2462	2463	rBV2	7394	6586	0.15%	0.017%
55	17.498	2463	2467	2474	rVB3	43670	70252	1.60%	0.177%
56	17.568	2477	2479	2482	rVB3	7719	6615	0.15%	0.017%
57	17.898	2529	2535	2539	rBV7	17386	34475	0.79%	0.087%
58	18.009	2549	2554	2561	rBV	143339	241911	5.53%	0.608%
59	18.256	2589	2596	2600	rBV5	16331	32081	0.73%	0.081%
60	18.356	2609	2613	2619	rBV3	37990	70379	1.61%	0.177%
61	18.515	2637	2640	2647	rBV7	14452	23067	0.53%	0.058%
62	18.615	2655	2657	2660	rBV4	9088	9290	0.21%	0.023%
63	19.150	2745	2748	2750	rBV	31240	36814	0.84%	0.092%
64	19.292	2768	2772	2775	rBV2	85544	131085	2.99%	0.329%
65	19.403	2788	2791	2796	rVB	28962	34900	0.80%	0.088%
66	19.515	2804	2810	2818	rBV	2993766	3993119	91.20%	10.033%
67	19.656	2832	2834	2839	rVB4	19090	20137	0.46%	0.051%
68	21.309	3110	3115	3121	rBV	1921184	2493282	56.95%	6.264%
69	22.344	3289	3291	3298	rVB2	166285	204377	4.67%	0.513%
70	23.421	3467	3474	3489	rVB	2366579	4378227	100.00%	11.000%
71	23.562	3492	3498	3508	rVB2	1342471	2557565	58.42%	6.426%

LSC Area Percent Report

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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

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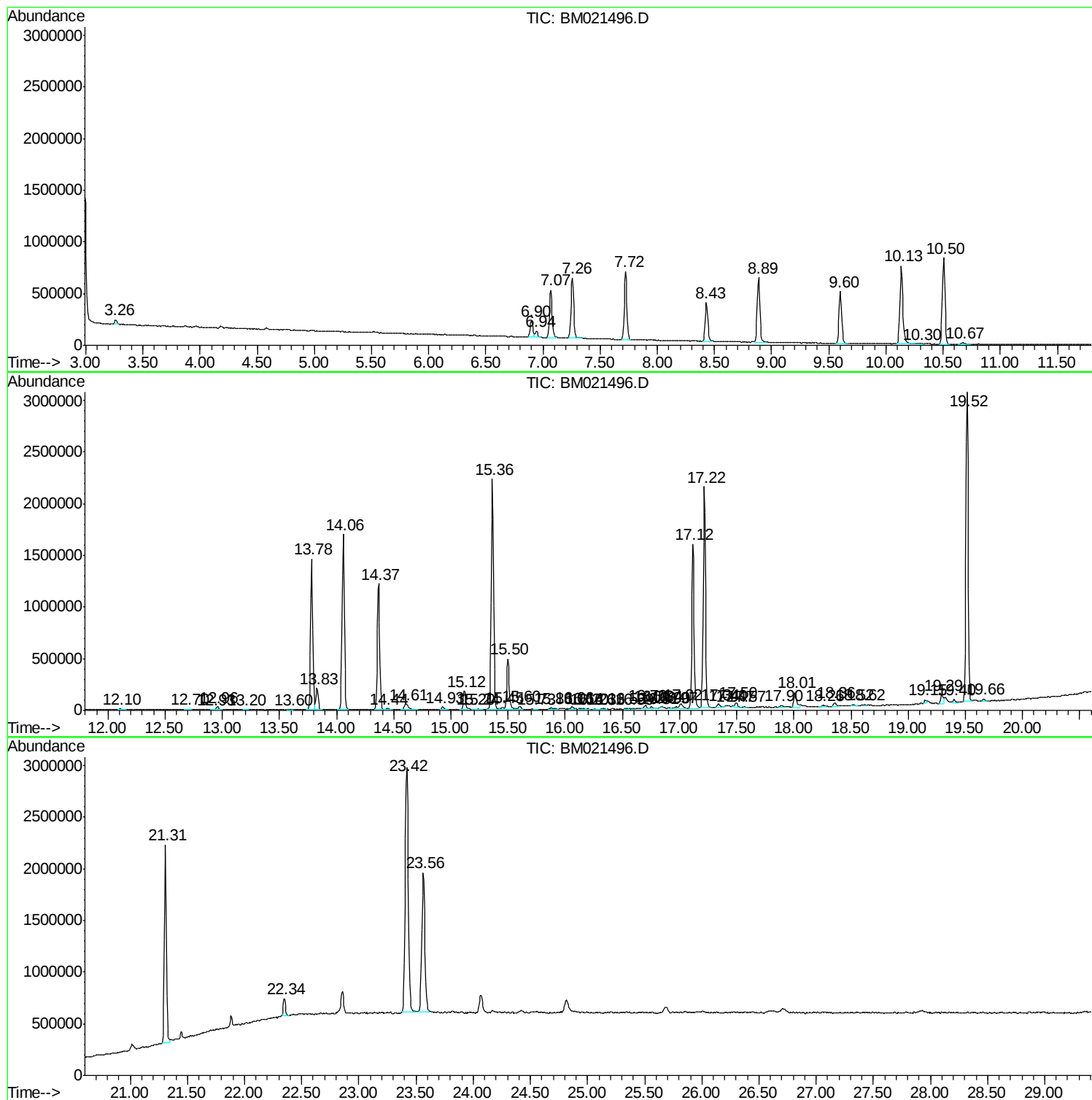
Sum of corrected areas: 39801193

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Instrument :
BNA_M
ClientSampled :
A52N4

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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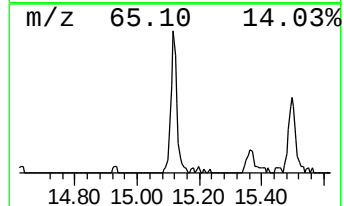
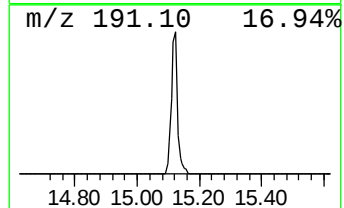
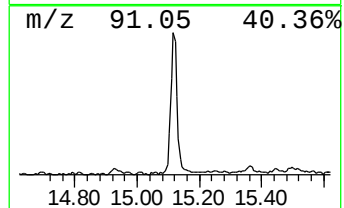
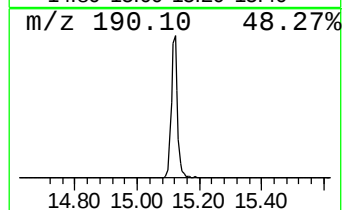
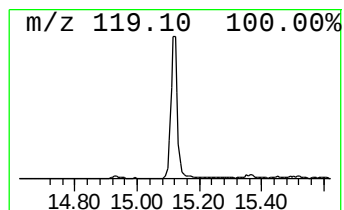
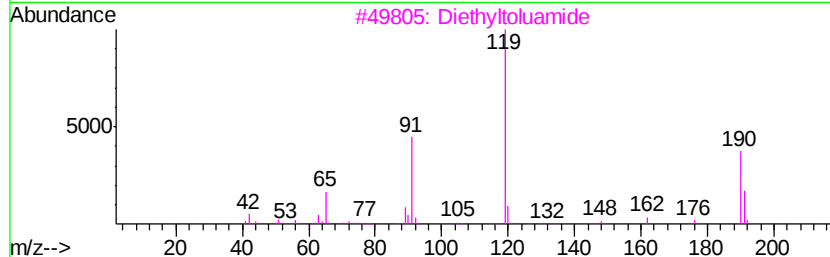
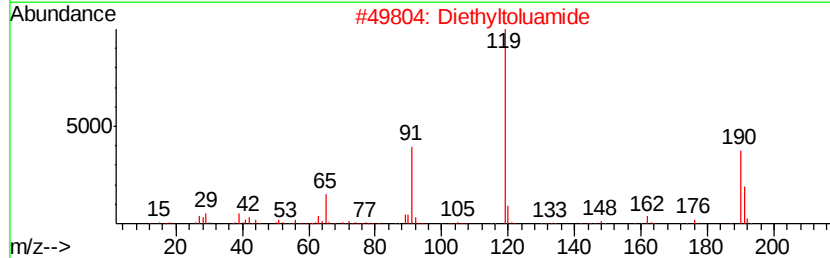
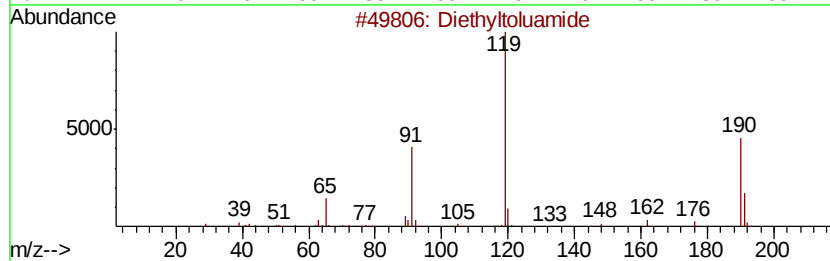
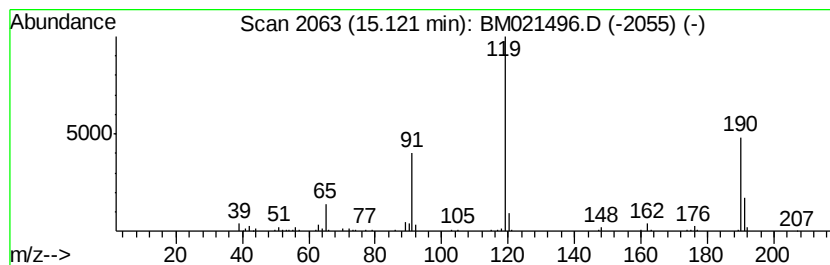
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Quant Title : SVOA CALIBRATION

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.
15.12	2.73 ng/ul	252010	Acenaphthene-d10	14.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3 96
2	Diethyltoluamide	191	C12H17NO	000134-62-3 96
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 81



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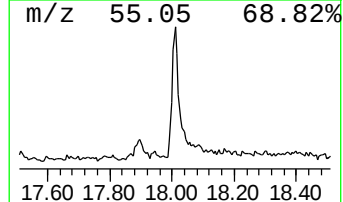
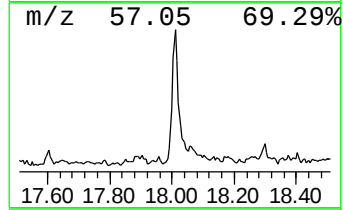
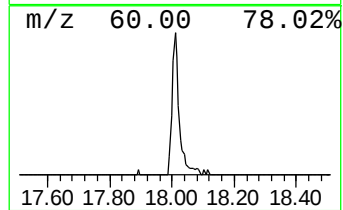
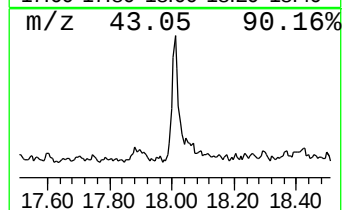
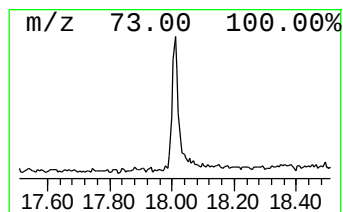
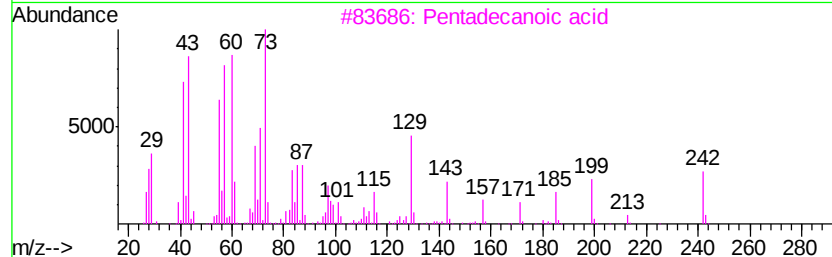
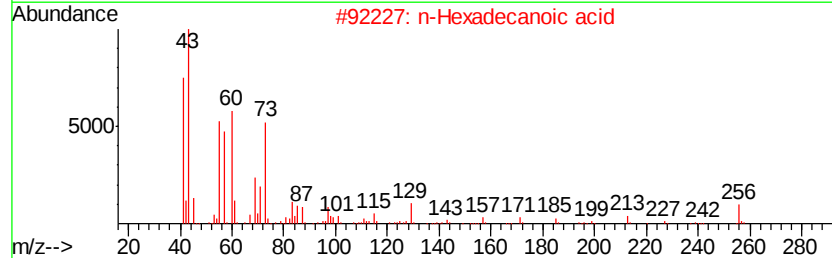
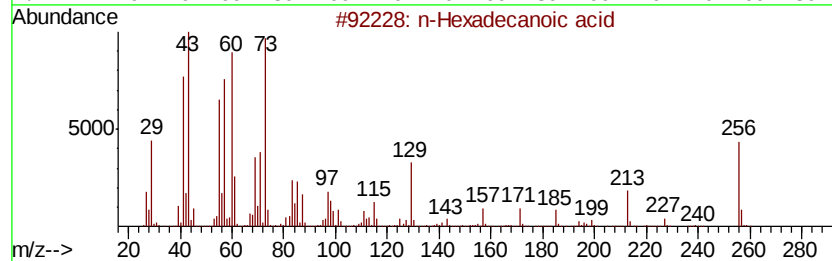
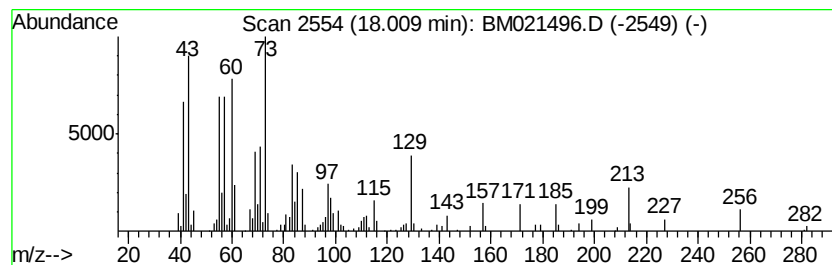
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.01	2.15 ng/ul	241911	Phenanthrene-d10	17.12		
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	97
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	15.12	2.7	ng/ul	252010	3	14.37	1843150	20.0
n-Hexadecanoic acid	18.01	2.1	ng/ul	241911	4	17.12	2245400	20.0