

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
 Data File : BM021597.D
 Acq On : 23 Jul 2019 01:13
 Operator : HP/JU
 Sample : K3823-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52N6

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	3.951	161	164	172	rVB	159254	231857	3.23%	0.396%
2	6.881	658	662	676	rVB2	172040	329526	4.59%	0.563%
3	7.051	686	691	708	rVB	448735	748486	10.41%	1.279%
4	7.239	717	723	732	rVB	555103	891741	12.41%	1.524%
5	7.704	796	802	810	rVB	563475	881717	12.27%	1.507%
6	8.410	916	922	929	rBV	505839	835943	11.63%	1.429%
7	8.475	929	933	939	rVB	84023	160393	2.23%	0.274%
8	8.869	994	1000	1008	rBV	676671	1075447	14.96%	1.838%
9	9.581	1115	1121	1131	rVB	546142	914150	12.72%	1.562%
10	9.904	1174	1176	1182	rVB2	12471	14794	0.21%	0.025%
11	10.116	1205	1212	1224	rBV	885868	1616307	22.49%	2.762%
12	10.486	1268	1275	1282	rBV	866726	1446596	20.13%	2.472%
13	10.657	1297	1304	1319	rVB	54518	117920	1.64%	0.202%
14	11.063	1370	1373	1379	rVB5	5051	9876	0.14%	0.017%
15	11.175	1387	1392	1399	rVB4	7720	15837	0.22%	0.027%
16	12.016	1528	1535	1542	rBV6	6285	11850	0.16%	0.020%
17	12.092	1542	1548	1556	rVB2	12816	21832	0.30%	0.037%
18	12.327	1582	1588	1592	rBV4	4832	8735	0.12%	0.015%
19	13.210	1734	1738	1743	rVB3	6326	8949	0.12%	0.015%
20	13.310	1750	1755	1757	rBV3	5732	7698	0.11%	0.013%
21	13.657	1805	1814	1821	rVB4	24318	42949	0.60%	0.073%
22	13.768	1826	1833	1838	rBV	1973202	2704094	37.63%	4.621%
23	13.816	1838	1841	1850	rVB	239722	318802	4.44%	0.545%
24	14.045	1871	1880	1890	rBV	2160721	3256919	45.32%	5.566%
25	14.198	1903	1906	1911	rBV4	5533	10843	0.15%	0.019%
26	14.351	1924	1932	1943	rBV	1612381	2346283	32.65%	4.010%
27	14.586	1963	1972	1985	rBV	112758	254150	3.54%	0.434%
28	14.845	2012	2016	2022	rBV5	5584	11648	0.16%	0.020%
29	14.945	2027	2033	2035	rBV4	5632	7962	0.11%	0.014%
30	15.104	2054	2060	2069	rBV	456255	616732	8.58%	1.054%
31	15.351	2095	2102	2112	rBV	2874017	4231609	58.88%	7.232%
32	15.486	2118	2125	2136	rBV	757377	1102525	15.34%	1.884%
33	15.586	2136	2142	2147	rVB2	38636	71343	0.99%	0.122%
34	15.727	2161	2166	2169	rBV6	8401	12363	0.17%	0.021%

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35	15.915	2192	2198	2204	rBV6	8002	16438	0.23%	0.028%
36	15.998	2204	2212	2217	rBV5	24670	44817	0.62%	0.077%
37	16.062	2218	2223	2226	rBV3	10520	20646	0.29%	0.035%
38	16.133	2231	2235	2239	rVB2	15511	23059	0.32%	0.039%
39	16.504	2294	2298	2302	rBV5	8311	12729	0.18%	0.022%
40	16.557	2302	2307	2310	rVV5	6003	10273	0.14%	0.018%
41	16.609	2310	2316	2321	rVV8	7285	13212	0.18%	0.023%
42	16.857	2354	2358	2359	rBV3	6523	9242	0.13%	0.016%
43	16.892	2359	2364	2369	rVB6	11856	20193	0.28%	0.035%
44	17.104	2392	2400	2409	rBV2	2084677	3176363	44.20%	5.428%
45	17.204	2409	2417	2424	rVB	3317716	4593935	63.92%	7.851%
46	17.309	2431	2435	2444	rVB8	28999	50465	0.70%	0.086%
47	17.456	2454	2460	2465	rBV3	61925	93242	1.30%	0.159%
48	17.598	2480	2484	2487	rBV5	11574	17927	0.25%	0.031%
49	17.786	2514	2516	2520	rVB5	5840	7446	0.10%	0.013%
50	17.880	2524	2532	2538	rBV8	15839	40441	0.56%	0.069%
51	17.992	2546	2551	2562	rBV	280021	480308	6.68%	0.821%
52	18.198	2582	2586	2590	rBV2	12126	21238	0.30%	0.036%
53	18.339	2607	2610	2615	rBV4	18816	34701	0.48%	0.059%
54	18.498	2635	2637	2642	rVB5	11338	14287	0.20%	0.024%
55	18.651	2661	2663	2668	rVB6	10390	13574	0.19%	0.023%
56	18.886	2700	2703	2706	rVB	14891	17218	0.24%	0.029%
57	19.056	2730	2732	2737	rVB5	13407	15404	0.21%	0.026%
58	19.133	2741	2745	2752	rBV	50289	98768	1.37%	0.169%
59	19.280	2765	2770	2779	rBV2	123273	226807	3.16%	0.388%
60	19.356	2779	2783	2786	rVV3	59016	85428	1.19%	0.146%
61	19.386	2786	2788	2792	rVB	30855	38650	0.54%	0.066%
62	19.497	2801	2807	2814	rBV	4299380	6083113	84.64%	10.396%
63	20.997	3059	3062	3070	rBV2	151601	201475	2.80%	0.344%
64	21.291	3107	3112	3125	rBV	3108160	4031711	56.10%	6.890%
65	21.862	3207	3209	3213	rVB2	110151	114580	1.59%	0.196%
66	22.327	3286	3288	3295	rVB	149201	178384	2.48%	0.305%
67	22.833	3370	3374	3380	rVB	446056	631100	8.78%	1.079%
68	23.227	3437	3441	3448	rVB2	328143	543472	7.56%	0.929%
69	23.397	3463	3470	3486	rBV	3879344	7186895	100.00%	12.283%
70	23.544	3488	3495	3511	rVB	2177003	4260165	59.28%	7.281%
71	23.838	3542	3545	3553	rVB2	232502	401122	5.58%	0.686%

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72	24.038	3575	3579	3587	rVB	264966	497255	6.92%	0.850%
73	24.544	3661	3665	3680	rVB2	409321	848857	11.81%	1.451%

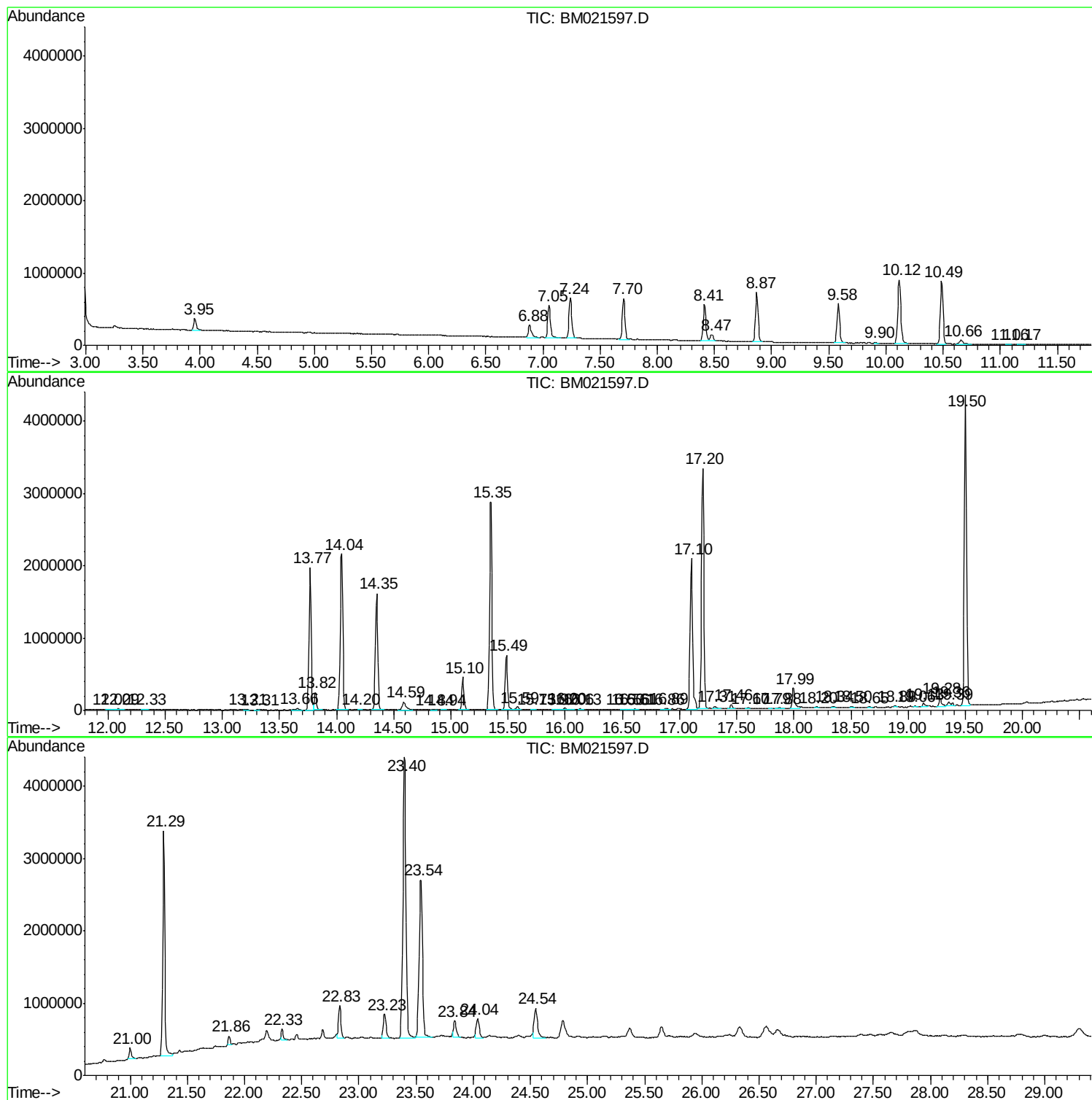
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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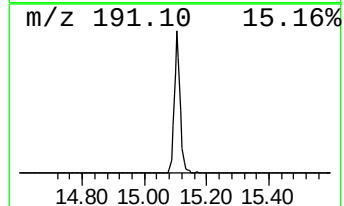
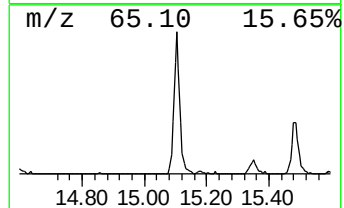
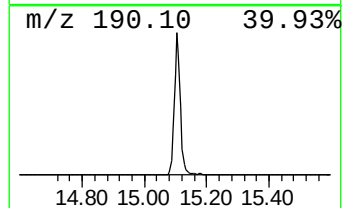
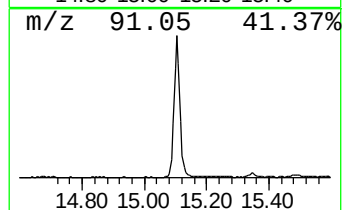
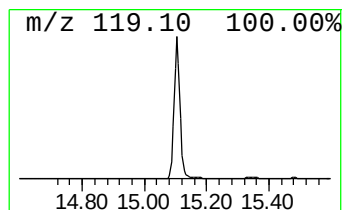
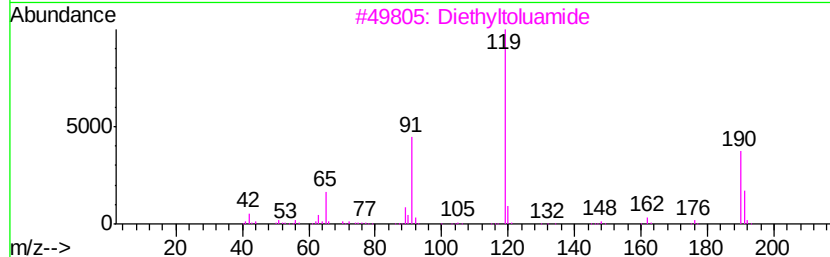
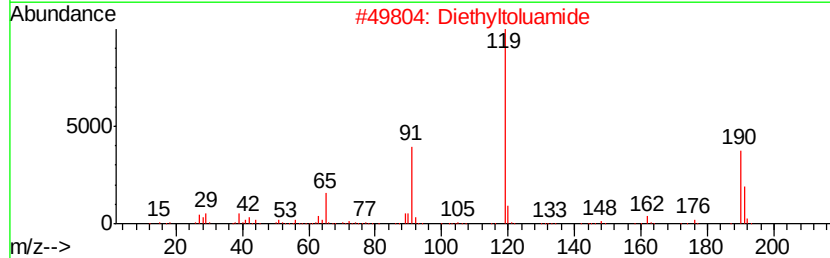
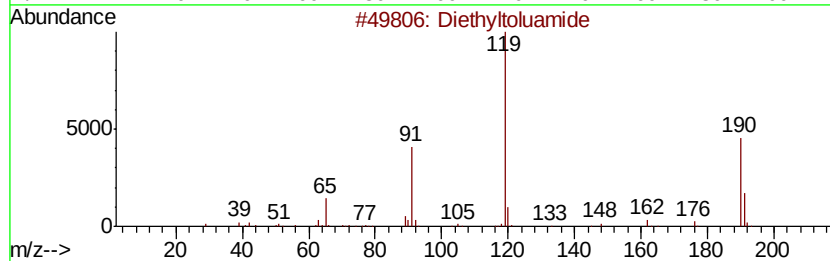
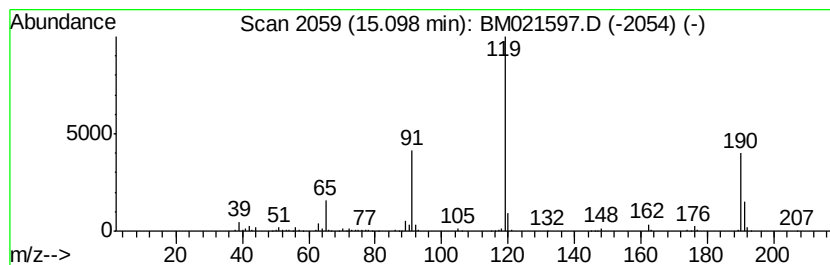
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	5.26 ng/ul	616732	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 94
3	Diethyltoluamide	191	C12H17NO	000134-62-3 94
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4 93
5	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8 59



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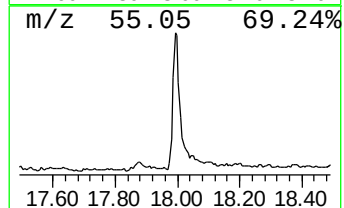
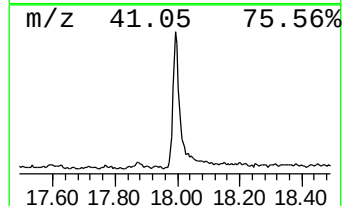
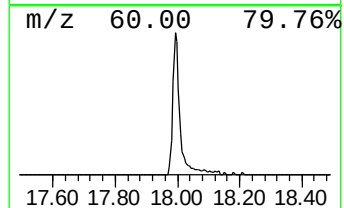
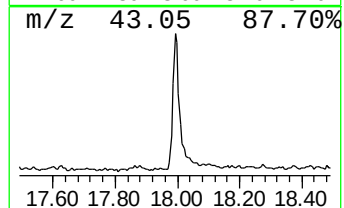
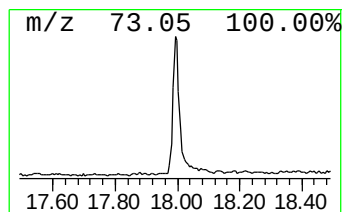
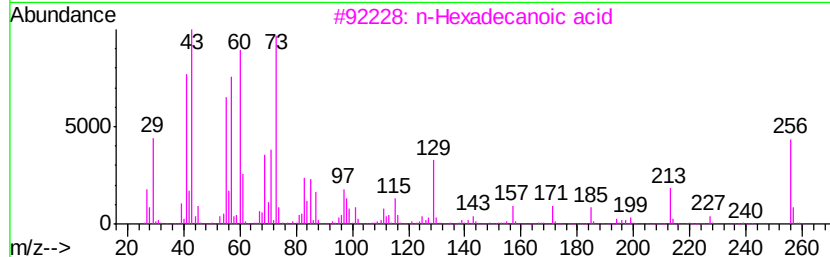
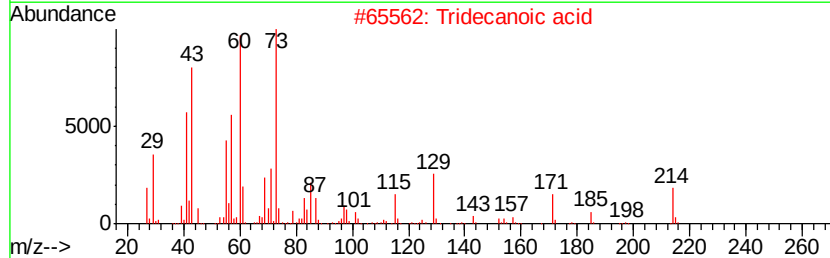
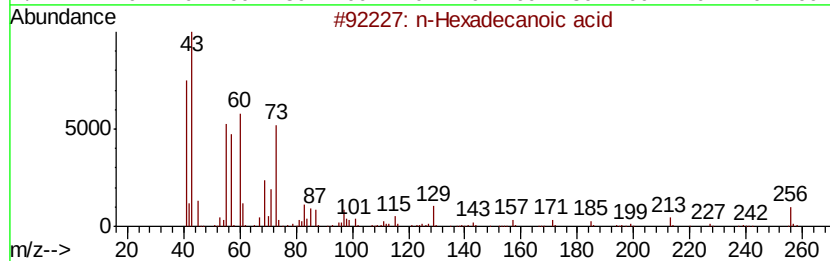
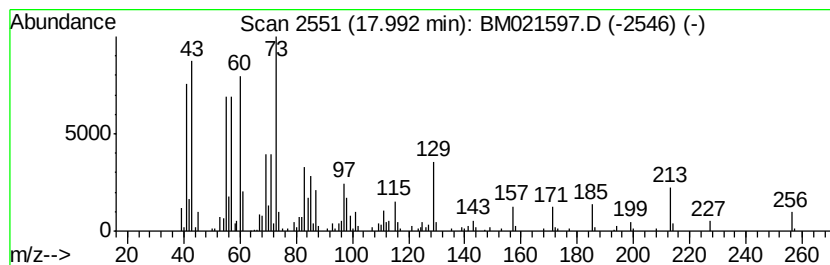
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.99	3.02 ng/ul	480308	Phenanthrene-d10	17.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64	



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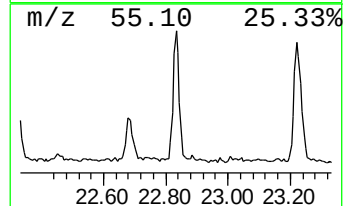
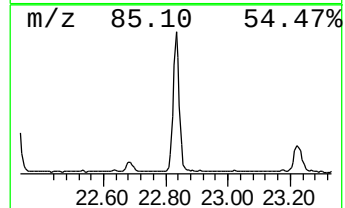
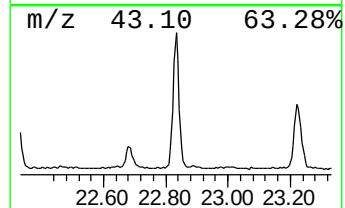
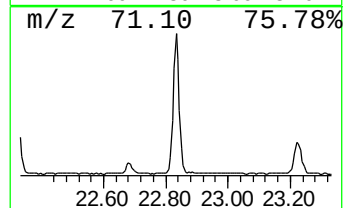
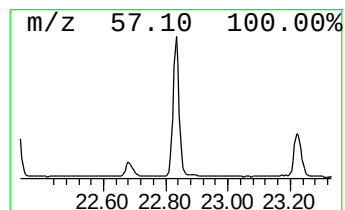
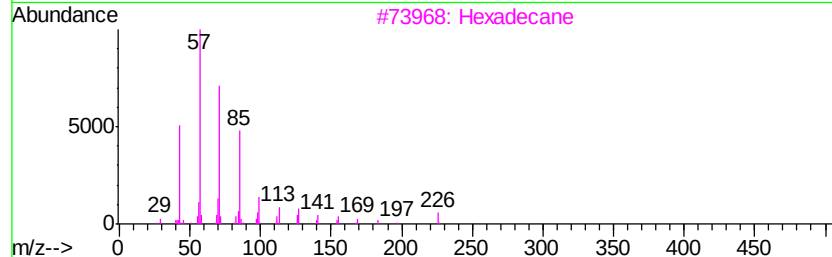
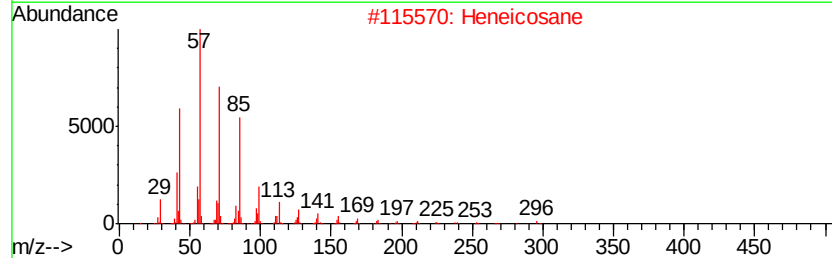
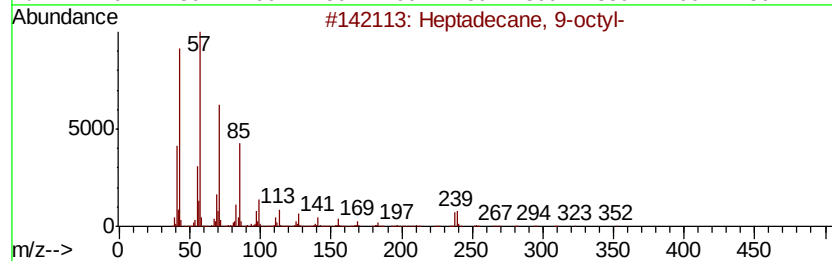
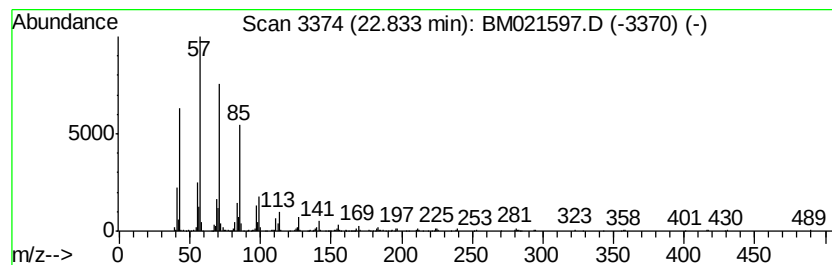
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.96 ng/ul	631100	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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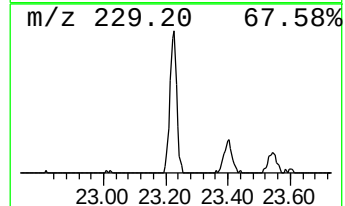
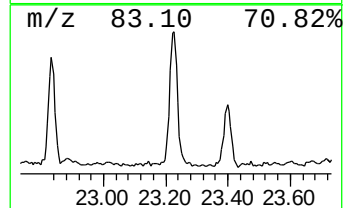
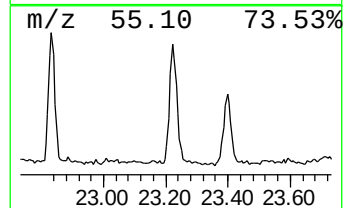
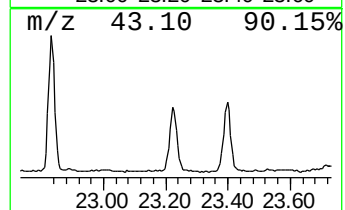
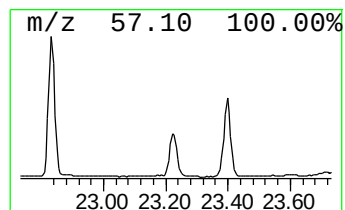
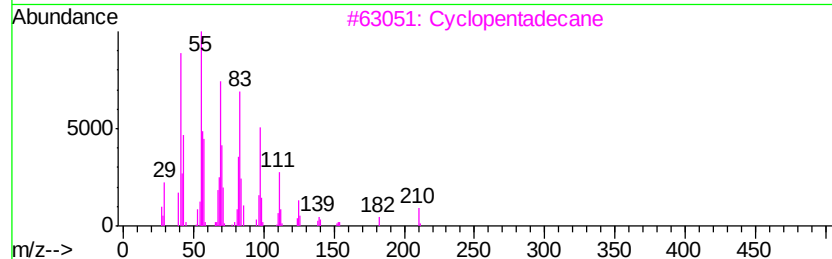
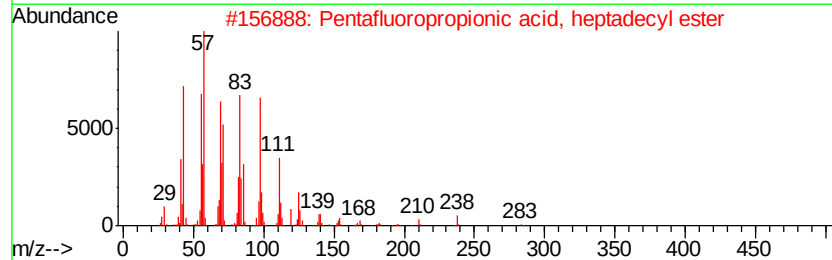
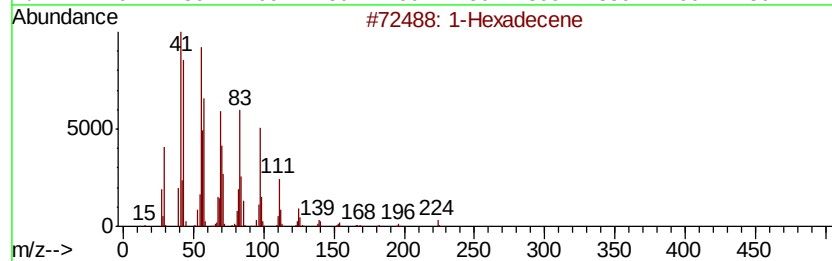
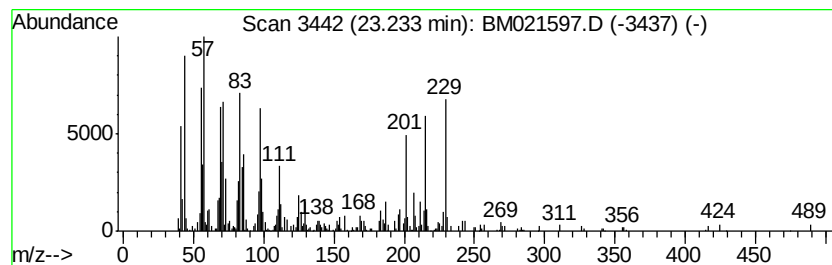
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic23.23 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	2.55 ng/ul	543472	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecene	224	C16H32	000629-73-2	84
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	55
3		Cyclopentadecane	210	C15H30	000295-48-7	43
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	42
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
 Data File : BM021597.D
 Acq On : 23 Jul 2019 01:13
 Operator : HP/JU
 Sample : K3823-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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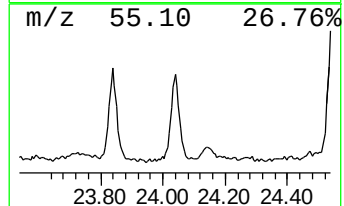
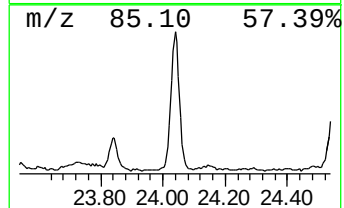
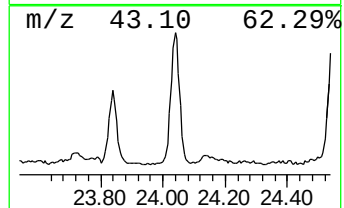
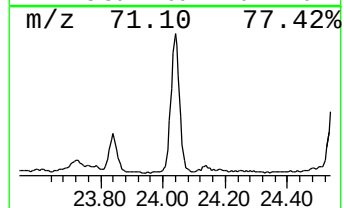
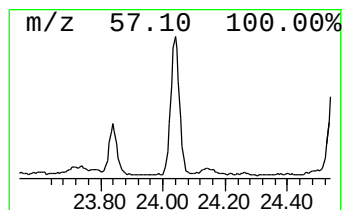
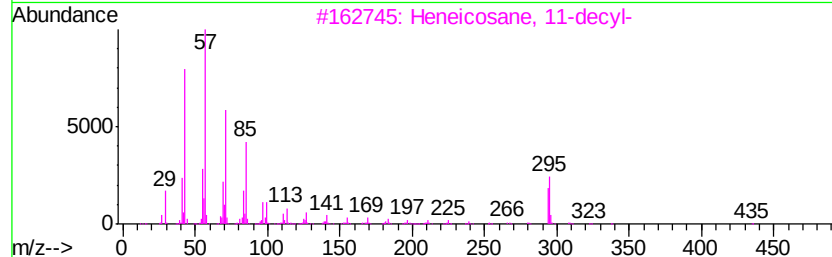
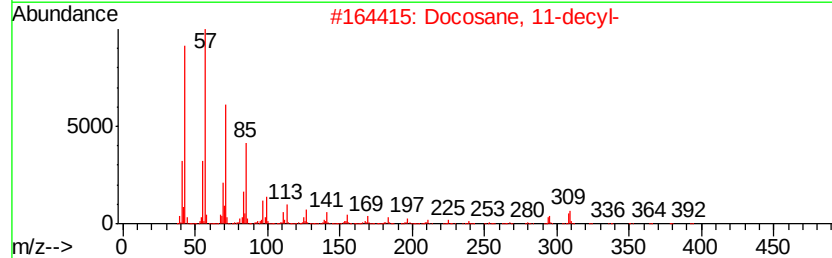
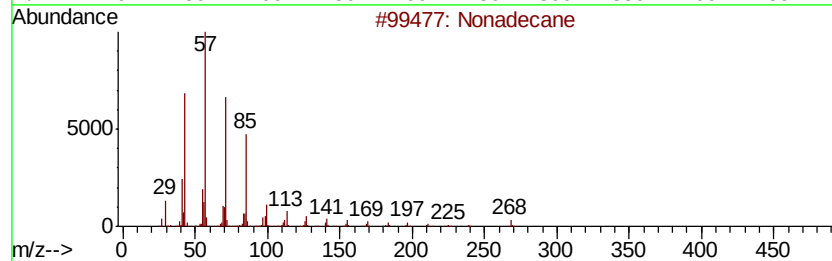
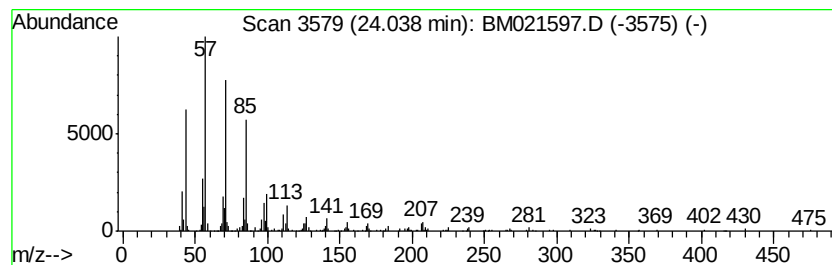
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.33 ng/ul	497255	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	90
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021597.D
Acq On : 23 Jul 2019 01:13
Operator : HP/JU
Sample : K3823-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

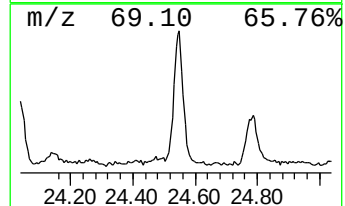
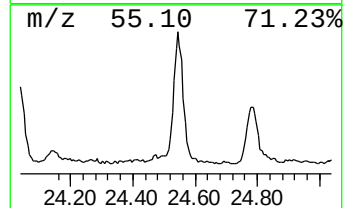
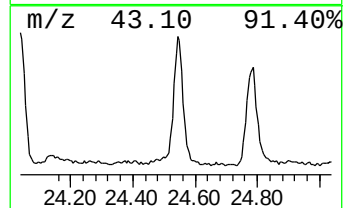
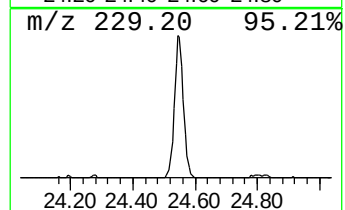
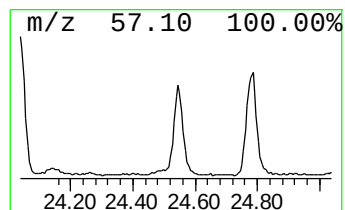
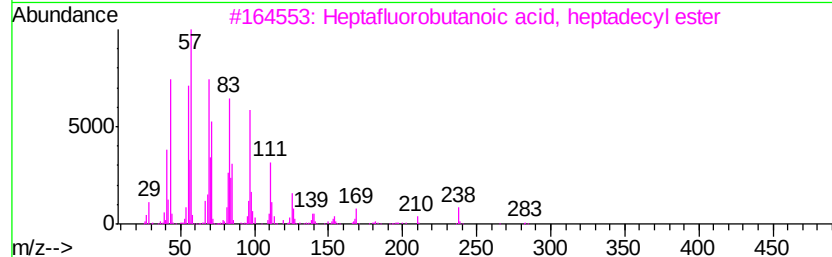
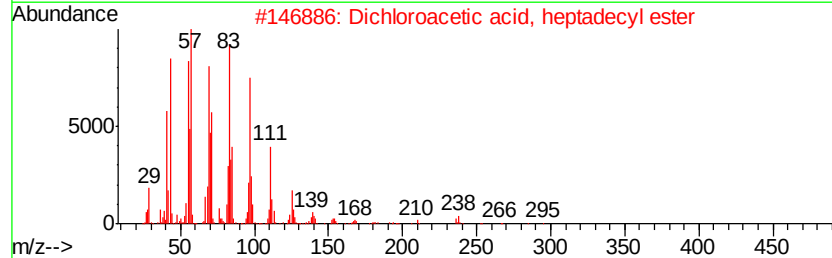
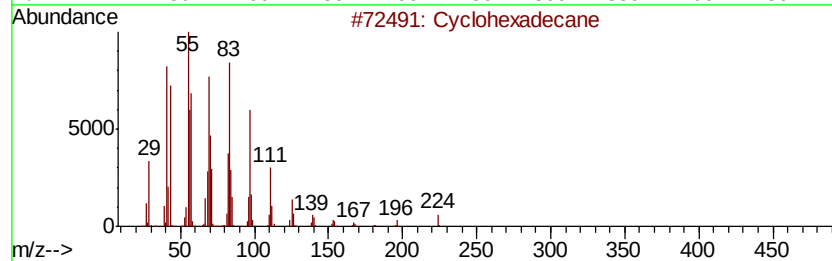
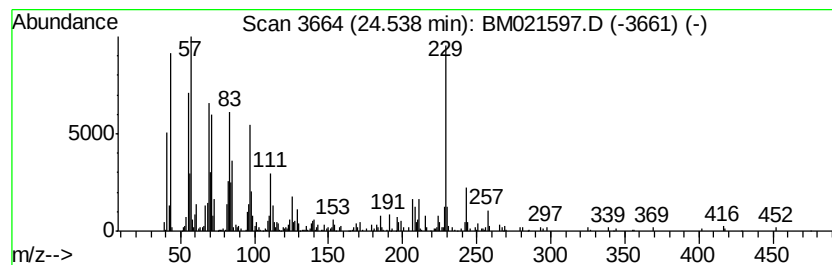
Instrument :
BNA_M
ClientSampleId :
A52N6

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 7 (DEL) Alkane: Cyclic24.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.54	3.99 ng/ul	848857	Perylene-d12	23.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 91
2		Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2 70
3		Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3 64
4		Cyclotetradecane	196 C14H28	000295-17-0 59
5		Pentafluoropropionic acid, octad...	416 C21H37F5O2	1000280-07-7 55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072219\
Data File : BM021597.D
Acq On : 23 Jul 2019 01:13
Operator : HP/JU
Sample : K3823-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52N6

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	15.10	5.3	ng/ul	616732	3	14.35	2346280	20.0
n-Hexadecanoic acid	17.99	3.0	ng/ul	480308	4	17.10	3176360	20.0
(DEL) Alkane: Str...	22.83	3.0	ng/ul	631100	6	23.54	4260170	20.0
(DEL) Alkane: Cyc...	23.23	2.5	ng/ul	543472	6	23.54	4260170	20.0
(DEL) Alkane: Str...	24.04	2.3	ng/ul	497255	6	23.54	4260170	20.0
(DEL) Alkane: Cyc...	24.54	4.0	ng/ul	848857	6	23.54	4260170	20.0