

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021473.D
 Acq On : 16 Jul 2019 18:36
 Operator : HP/JU
 Sample : K3772-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52N2

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	3.969	164	167	173	rVB	57291	73190	1.42%	0.169%
2	6.904	661	666	676	rVB	143920	270346	5.25%	0.626%
3	7.069	689	694	707	rVB	422584	679017	13.19%	1.571%
4	7.263	720	727	740	rVB	490902	824801	16.02%	1.909%
5	7.728	800	806	813	rVB	584093	938102	18.22%	2.171%
6	8.433	920	926	938	rBV	383720	638103	12.40%	1.477%
7	8.892	997	1004	1014	rBV	541036	934771	18.16%	2.163%
8	9.245	1060	1064	1069	rVB4	13668	18524	0.36%	0.043%
9	9.604	1118	1125	1136	rBV	454621	762205	14.81%	1.764%
10	10.139	1209	1216	1233	rBV	655436	1242262	24.13%	2.875%
11	10.510	1270	1279	1288	rBV	820001	1330673	25.85%	3.079%
12	10.680	1302	1308	1318	rVB2	31390	66961	1.30%	0.155%
13	12.116	1547	1552	1558	rVB5	8754	14001	0.27%	0.032%
14	13.786	1827	1836	1841	rBV	1472158	2065807	40.13%	4.781%
15	13.833	1841	1844	1853	rVB	272605	370077	7.19%	0.856%
16	14.062	1874	1883	1896	rBV	1693088	2429818	47.20%	5.623%
17	14.368	1929	1935	1944	rBV2	1212552	1840894	35.76%	4.260%
18	14.445	1944	1948	1954	rVB4	7891	13238	0.26%	0.031%
19	14.610	1967	1976	1992	rBV2	61414	168786	3.28%	0.391%
20	14.792	2000	2007	2011	rBV4	6038	10062	0.20%	0.023%
21	15.121	2057	2063	2074	rBV	232132	324238	6.30%	0.750%
22	15.209	2074	2078	2082	rVB2	10725	15095	0.29%	0.035%
23	15.368	2098	2105	2116	rBV	2232617	3169371	61.57%	7.335%
24	15.504	2121	2128	2140	rVV	505972	744455	14.46%	1.723%
25	15.609	2142	2146	2151	rVB	22861	29996	0.58%	0.069%
26	15.945	2196	2203	2208	rVB6	3148	7508	0.15%	0.017%
27	16.074	2221	2225	2228	rBV3	6053	7410	0.14%	0.017%
28	16.145	2233	2237	2242	rBV4	10255	15851	0.31%	0.037%
29	16.527	2298	2302	2307	rBV5	6853	10112	0.20%	0.023%
30	16.868	2358	2360	2364	rBV3	7585	6965	0.14%	0.016%
31	16.903	2364	2366	2372	rVB3	4621	8034	0.16%	0.019%
32	17.121	2397	2403	2410	rBV2	1686255	2263034	43.96%	5.237%
33	17.221	2413	2420	2430	rVV	2472535	3467574	67.37%	8.025%
34	17.292	2430	2432	2437	rVB6	9183	10351	0.20%	0.024%

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35	17.403	2447	2451	2458	rVB5	5450	8069	0.16%	0.019%
36	17.474	2460	2463	2464	rBV3	5392	5860	0.11%	0.014%
37	17.603	2481	2485	2491	rBV6	5388	10746	0.21%	0.025%
38	17.886	2528	2533	2538	rBV8	16945	26029	0.51%	0.060%
39	18.009	2549	2554	2563	rBV	175788	284813	5.53%	0.659%
40	18.298	2600	2603	2607	rVB4	11884	14169	0.28%	0.033%
41	18.780	2682	2685	2689	rBV2	16368	17585	0.34%	0.041%
42	18.933	2708	2711	2717	rBV5	17598	25677	0.50%	0.059%
43	19.150	2744	2748	2763	rBV3	58440	149892	2.91%	0.347%
44	19.297	2769	2773	2779	rBV3	69749	109309	2.12%	0.253%
45	19.403	2788	2791	2796	rBV	24982	33809	0.66%	0.078%
46	19.521	2805	2811	2816	rBV	3085872	4383414	85.16%	10.144%
47	20.050	2898	2901	2905	rVB	66225	77089	1.50%	0.178%
48	20.550	2982	2986	2990	rBV	144269	166831	3.24%	0.386%
49	21.015	3061	3065	3076	rBV2	330220	555315	10.79%	1.285%
50	21.309	3110	3115	3123	rBV	2133851	2778670	53.98%	6.431%
51	21.450	3136	3139	3143	rBV	283929	294210	5.72%	0.681%
52	21.886	3210	3213	3218	rBV	283643	324488	6.30%	0.751%
53	22.350	3289	3292	3300	rVB	315122	413708	8.04%	0.957%
54	22.480	3311	3314	3321	rVB	220170	275560	5.35%	0.638%
55	22.862	3375	3379	3384	rVB	303799	430833	8.37%	0.997%
56	23.427	3468	3475	3485	rBV	2816154	5147398	100.00%	11.912%
57	23.568	3493	3499	3511	rVB2	1486326	2905676	56.45%	6.724%

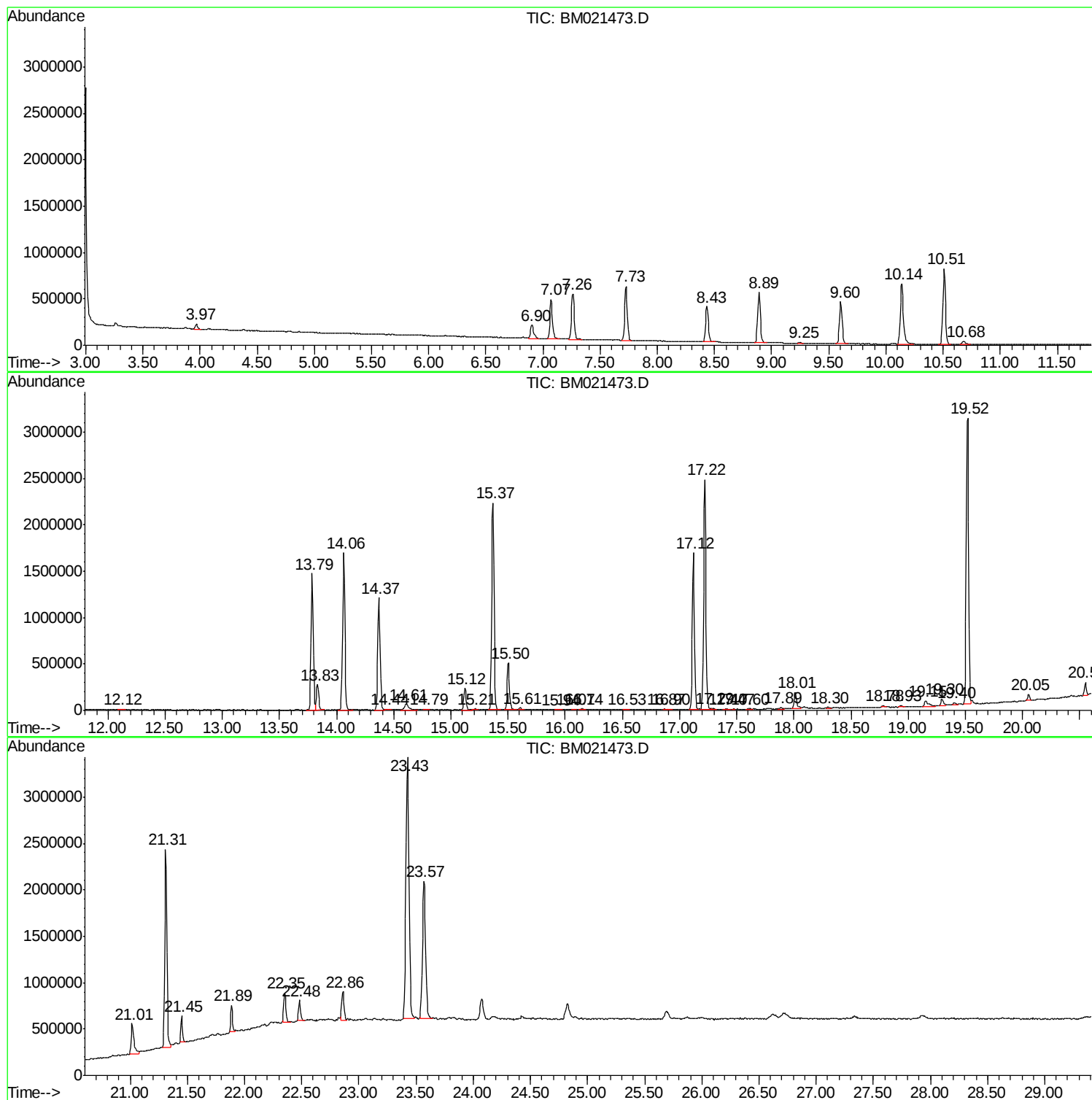
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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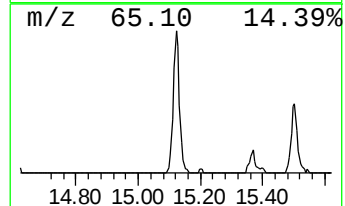
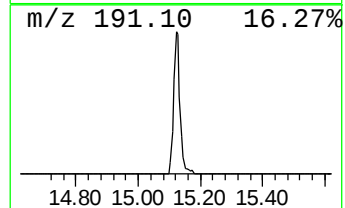
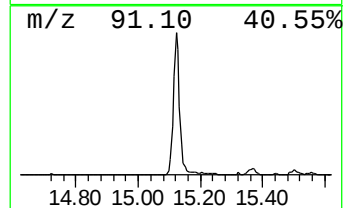
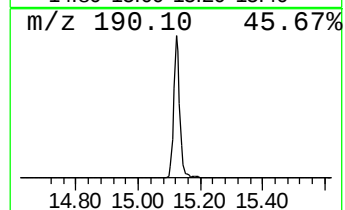
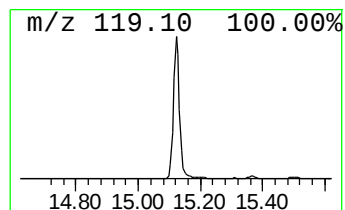
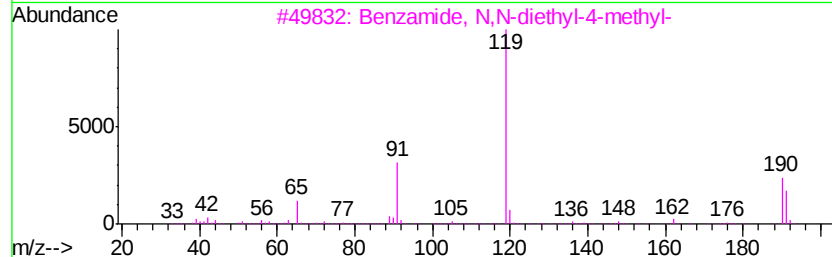
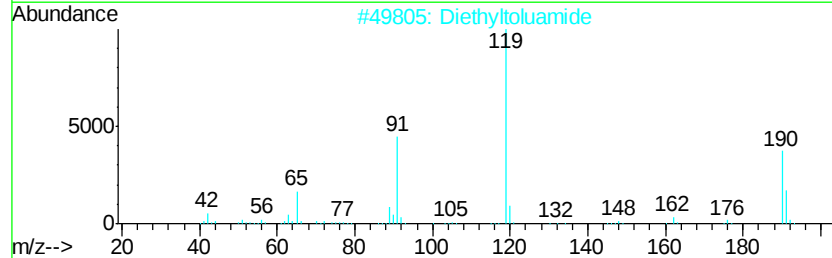
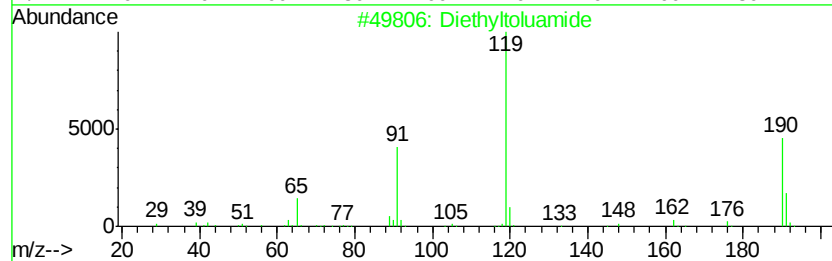
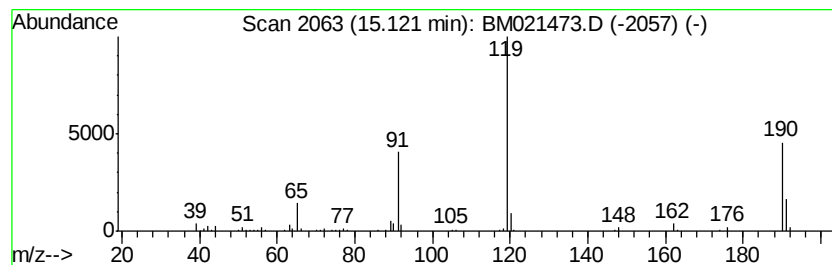
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.52 ng/ul	324238	Acenaphthene-d10	14.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	97
2			Diethyltoluamide	191	C12H17NO	000134-62-3	94
3			Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
4			Diethyltoluamide	191	C12H17NO	000134-62-3	60
5			Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	58



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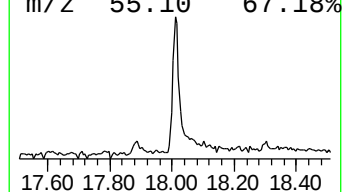
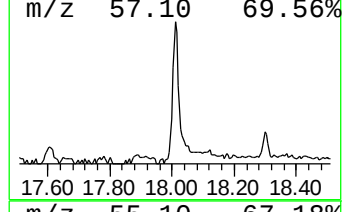
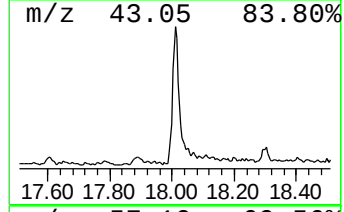
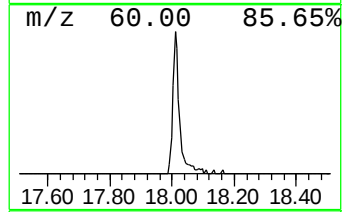
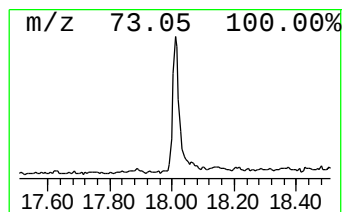
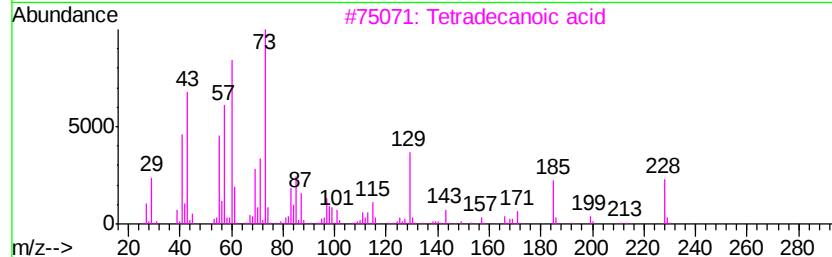
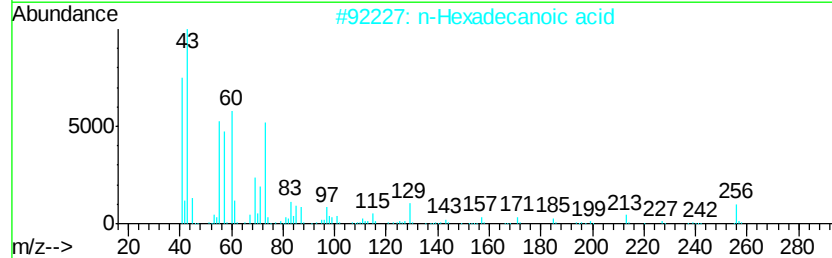
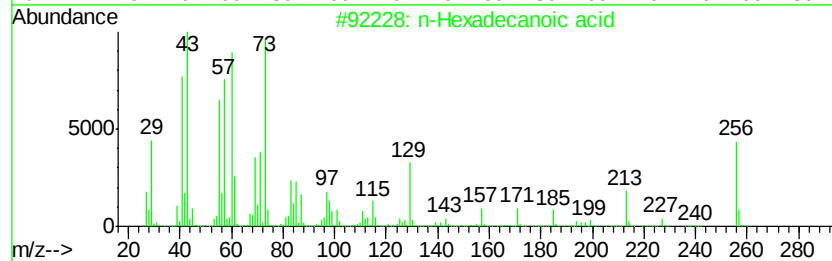
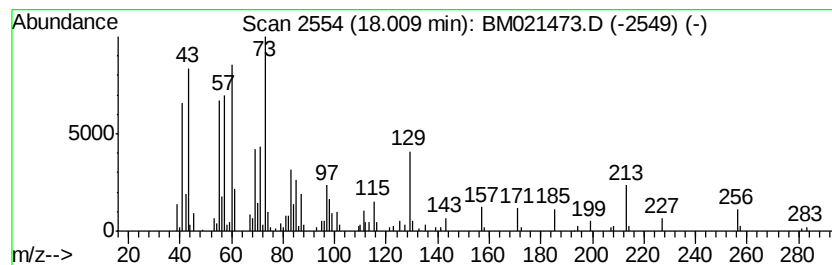
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.52 ng/ul	284813	Phenanthrene-d10	17.12

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	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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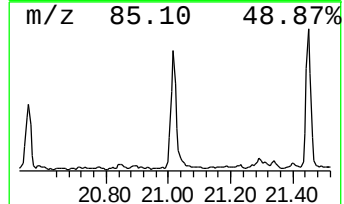
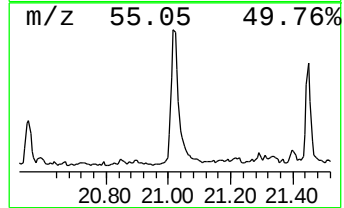
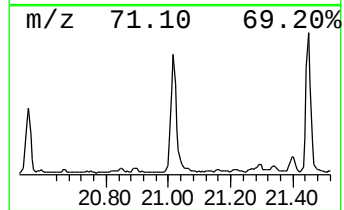
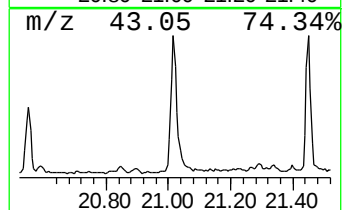
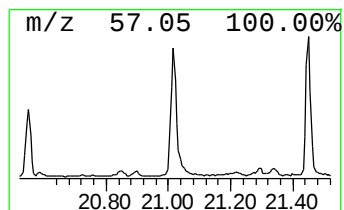
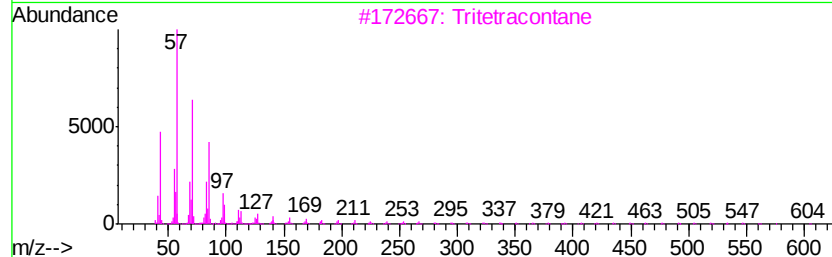
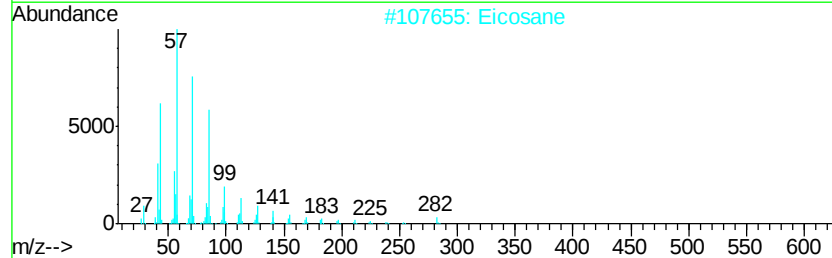
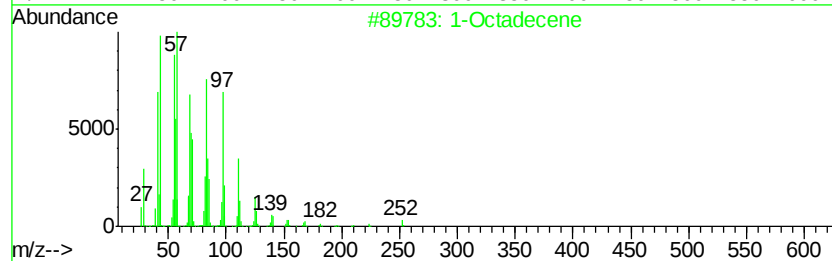
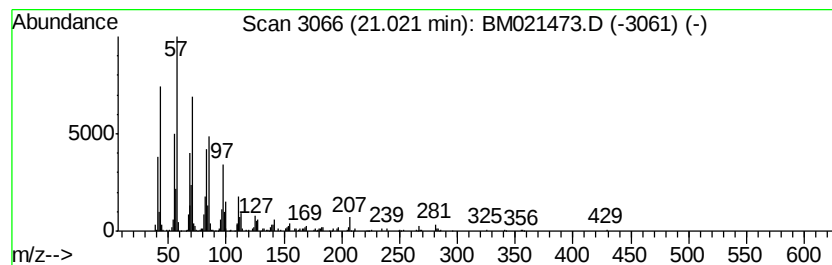
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Cyclic21.02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	4.00 ng/ul	555315	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	95
2		Eicosane	282	C20H42	000112-95-8	93
3		Tritetracontane	605	C43H88	007098-21-7	91
4		Nonadecane	268	C19H40	000629-92-5	70
5		Eicosane	282	C20H42	000112-95-8	64



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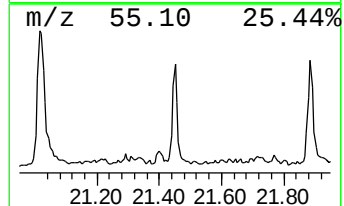
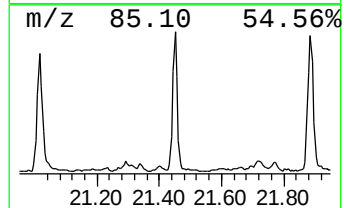
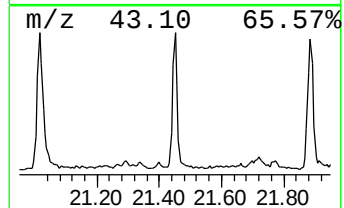
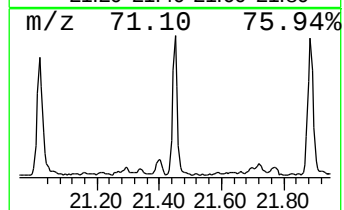
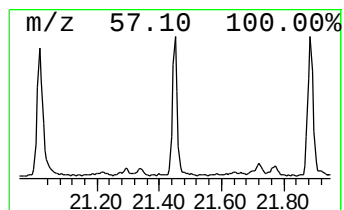
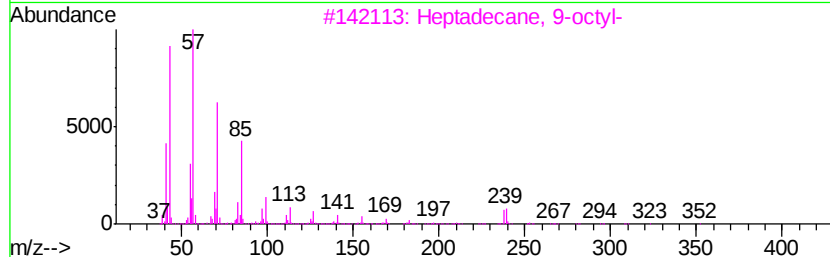
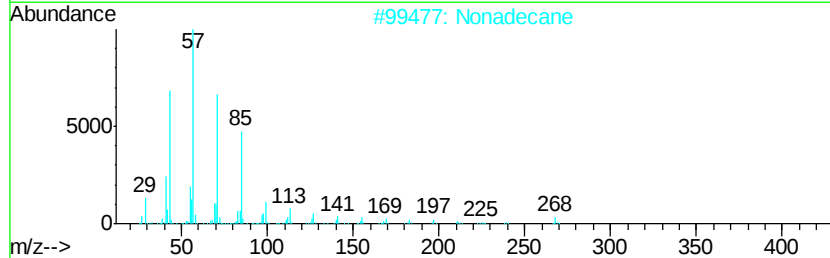
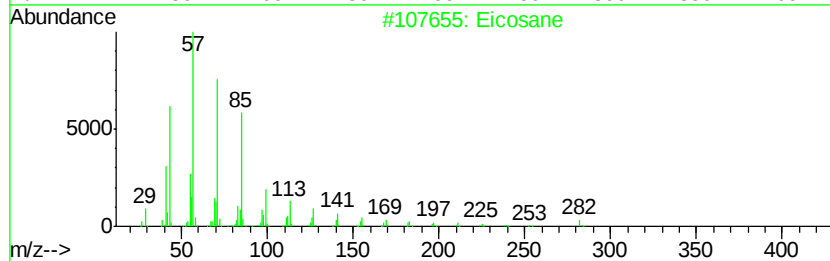
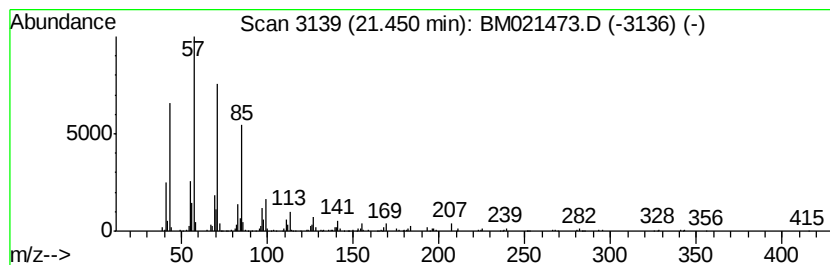
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.12 ng/ul	294210	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Nonadecane	268	C19H40	000629-92-5	93
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Nonacosane	408	C29H60	000630-03-5	91



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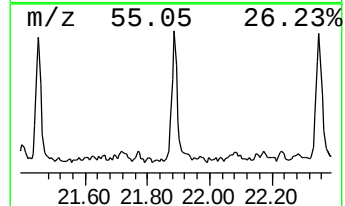
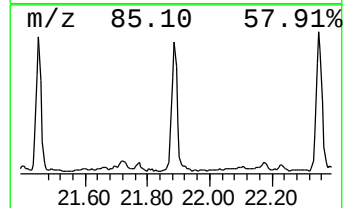
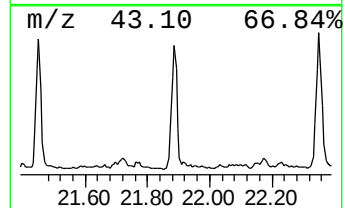
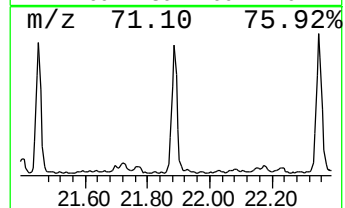
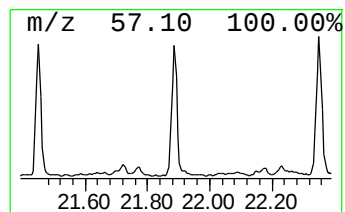
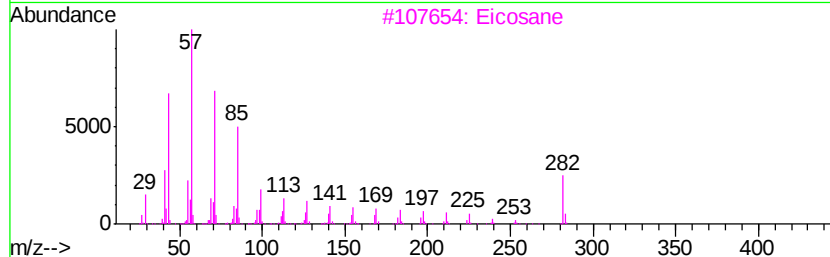
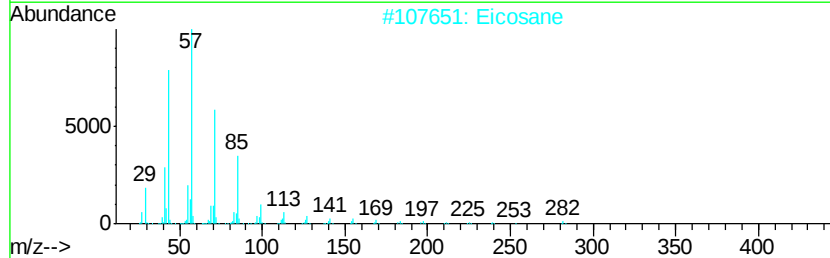
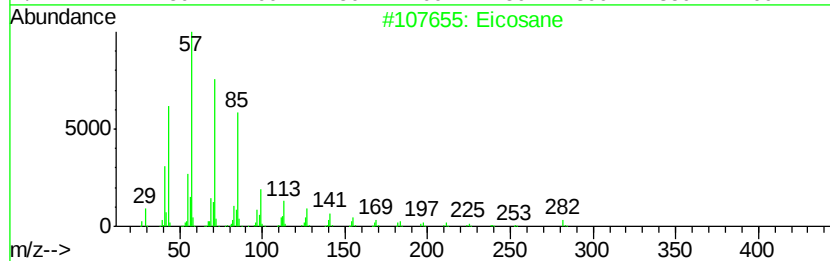
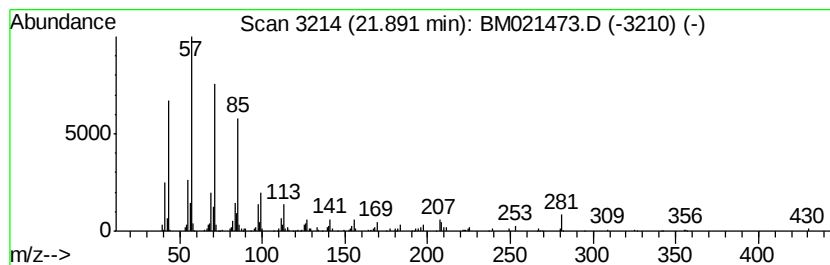
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.34 ng/ul	324488	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	95
3		Eicosane	282	C20H42	000112-95-8	93
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021473.D
Acq On : 16 Jul 2019 18:36
Operator : HP/JU
Sample : K3772-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52N2

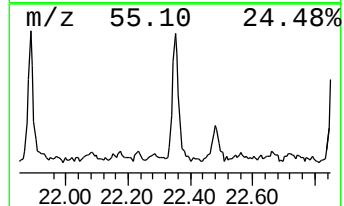
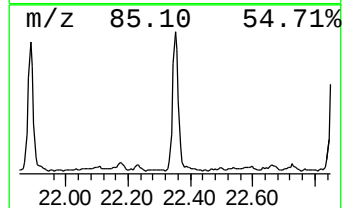
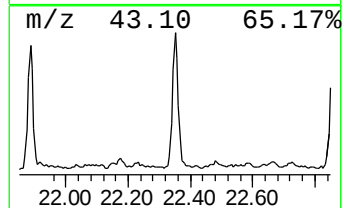
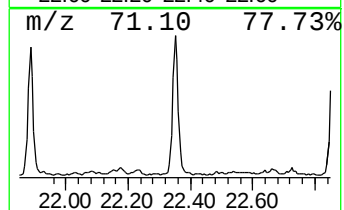
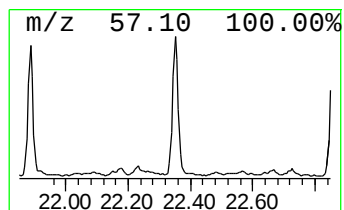
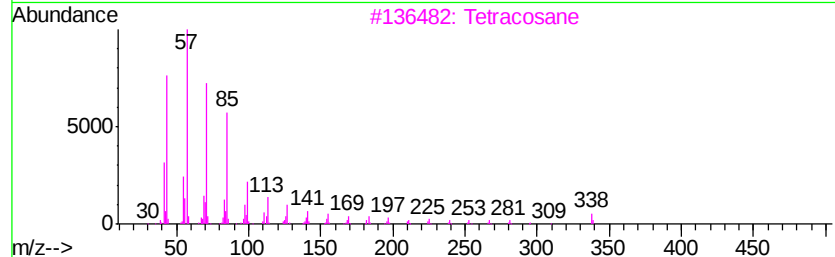
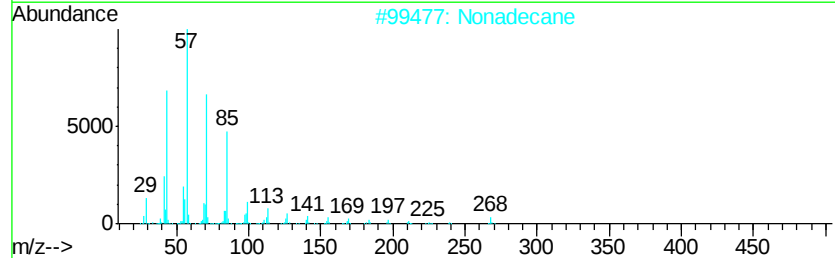
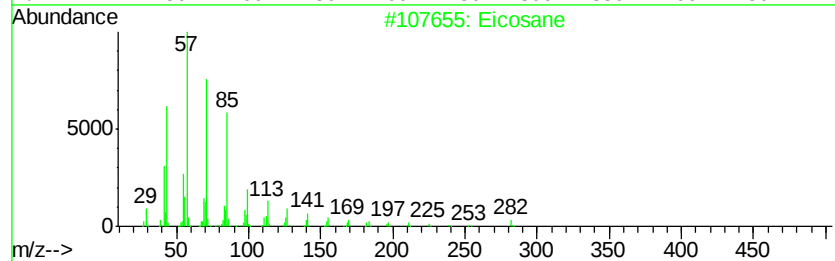
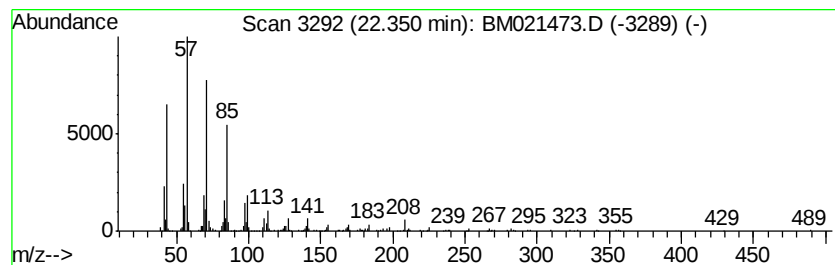
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	2.98 ng/ul	413708	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Nonadecane	268	C19H40	000629-92-5	93
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021473.D
Acq On : 16 Jul 2019 18:36
Operator : HP/JU
Sample : K3772-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52N2

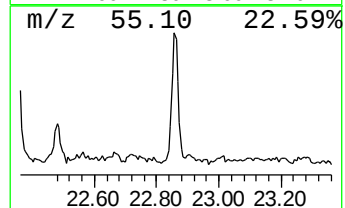
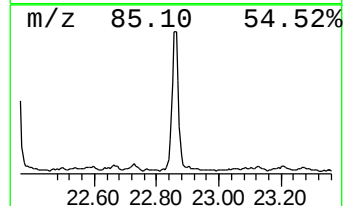
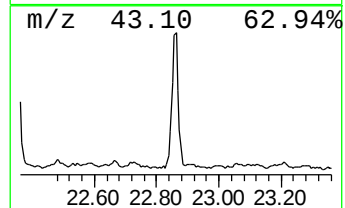
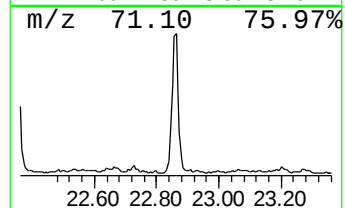
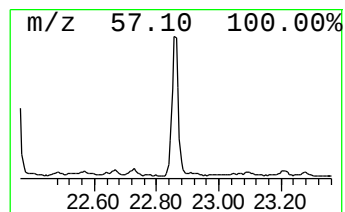
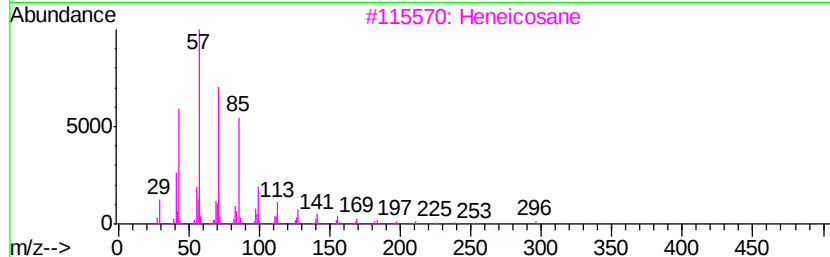
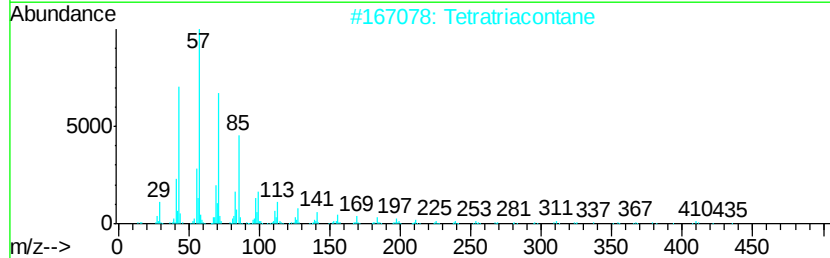
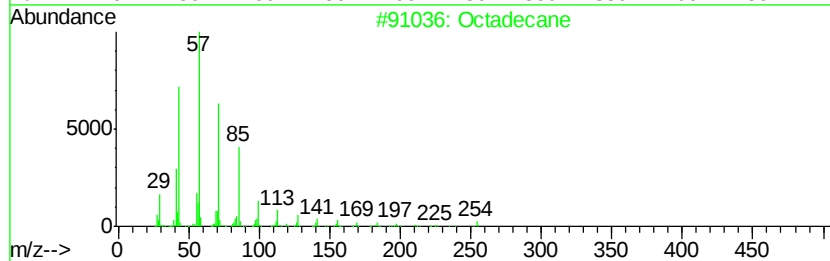
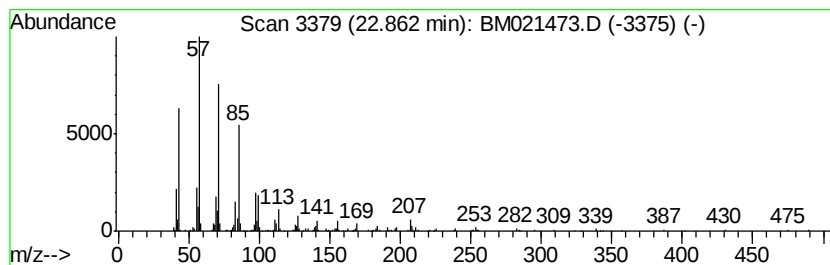
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.97 ng/ul	430833	Perylene-d12	23.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071619\
Data File : BM021473.D
Acq On : 16 Jul 2019 18:36
Operator : HP/JU
Sample : K3772-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52N2

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	15.12	3.5	ng/ul	324238	3	14.37	1840890	20.0
n-Hexadecanoic acid	18.01	2.5	ng/ul	284813	4	17.12	2263030	20.0
(DEL) Alkane: Cyc...	21.02	4.0	ng/ul	555315	5	21.31	2778670	20.0
(DEL) Alkane: Str...	21.45	2.1	ng/ul	294210	5	21.31	2778670	20.0
(DEL) Alkane: Str...	21.89	2.3	ng/ul	324488	5	21.31	2778670	20.0
(DEL) Alkane: Str...	22.35	3.0	ng/ul	413708	5	21.31	2778670	20.0
(DEL) Alkane: Str...	22.86	3.0	ng/ul	430833	6	23.57	2905680	20.0