

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
 Data File : BM021572.D
 Acq On : 20 Jul 2019 01:16
 Operator : HP/JU
 Sample : K3823-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52N8

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	6.887	659	663	677	rVB2	127875	268223	4.28%	0.631%
2	7.057	687	692	703	rVB	348973	550115	8.78%	1.293%
3	7.246	719	724	733	rVB	434649	693991	11.07%	1.632%
4	7.710	797	803	811	rBV	598281	952222	15.19%	2.239%
5	8.422	918	924	936	rVB	310751	521525	8.32%	1.226%
6	8.875	995	1001	1010	rVB	454153	767199	12.24%	1.804%
7	8.987	1017	1020	1025	rVB4	12613	20581	0.33%	0.048%
8	9.592	1116	1123	1137	rVB	356946	617159	9.85%	1.451%
9	10.128	1207	1214	1234	rBV	501325	1018847	16.26%	2.396%
10	10.492	1269	1276	1285	rVB	780678	1305196	20.82%	3.069%
11	10.675	1302	1307	1316	rVB5	9511	21115	0.34%	0.050%
12	11.034	1364	1368	1374	rVB6	4483	8415	0.13%	0.020%
13	12.098	1545	1549	1557	rVB3	7217	14814	0.24%	0.035%
14	12.186	1557	1564	1569	rBV4	3468	7443	0.12%	0.018%
15	13.775	1825	1834	1838	rBV	1039066	1508361	24.07%	3.547%
16	13.822	1838	1842	1849	rVB	272023	376696	6.01%	0.886%
17	14.045	1874	1880	1890	rBV	1211713	1830859	29.21%	4.305%
18	14.198	1903	1906	1910	rVB4	5828	7943	0.13%	0.019%
19	14.263	1915	1917	1924	rVV3	5785	9373	0.15%	0.022%
20	14.357	1924	1933	1944	rVV2	1123191	1709164	27.27%	4.019%
21	14.616	1969	1977	1987	rBV	41284	96983	1.55%	0.228%
22	14.698	1987	1991	1996	rVB2	13791	24560	0.39%	0.058%
23	14.780	2001	2005	2011	rBV5	5001	8850	0.14%	0.021%
24	15.110	2054	2061	2072	rBV	4589162	6267817	100.00%	14.737%
25	15.192	2072	2075	2082	rVB6	11966	22033	0.35%	0.052%
26	15.351	2096	2102	2114	rVB	1614704	2358484	37.63%	5.545%
27	15.492	2120	2126	2137	rBV	301575	447556	7.14%	1.052%
28	15.592	2140	2143	2148	rVB2	15615	20146	0.32%	0.047%
29	15.916	2191	2198	2206	rVB7	6556	15425	0.25%	0.036%
30	15.992	2209	2211	2218	rVV6	5359	7586	0.12%	0.018%
31	16.057	2218	2222	2228	rVV5	10079	17913	0.29%	0.042%
32	16.139	2232	2236	2241	rVB5	5513	8758	0.14%	0.021%
33	16.516	2293	2300	2305	rBV7	5556	9310	0.15%	0.022%
34	16.745	2335	2339	2343	rVB5	5954	7752	0.12%	0.018%

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35	16.851	2352	2357	2360	rBV4	6524	8919	0.14%	0.021%
36	16.904	2360	2366	2370	rVB4	7292	13464	0.21%	0.032%
37	17.110	2392	2401	2405	rBV	1488593	2148893	34.28%	5.053%
38	17.139	2405	2406	2410	rVV	242740	205653	3.28%	0.484%
39	17.210	2410	2418	2427	rVB2	1715024	2493530	39.78%	5.863%
40	17.315	2432	2436	2445	rBV5	54850	85171	1.36%	0.200%
41	17.463	2454	2461	2466	rBV	145235	192068	3.06%	0.452%
42	17.610	2484	2486	2491	rVB4	9497	12309	0.20%	0.029%
43	17.727	2502	2506	2508	rBV4	5681	8829	0.14%	0.021%
44	17.880	2527	2532	2537	rBV7	11815	20752	0.33%	0.049%
45	18.004	2547	2553	2562	rBV	199365	341240	5.44%	0.802%
46	18.286	2597	2601	2608	rBV6	9563	16382	0.26%	0.039%
47	18.921	2705	2709	2713	rBV4	20982	25762	0.41%	0.061%
48	19.021	2724	2726	2729	rVB4	6771	6583	0.11%	0.015%
49	19.139	2742	2746	2749	rBV	50675	68904	1.10%	0.162%
50	19.280	2766	2770	2778	rBV2	67751	113317	1.81%	0.266%
51	19.392	2787	2789	2792	rVB2	14383	13769	0.22%	0.032%
52	19.504	2802	2808	2814	rBV	2213009	3056253	48.76%	7.186%
53	20.039	2896	2899	2903	rVB	67063	75257	1.20%	0.177%
54	20.539	2980	2984	2987	rBV	125882	144208	2.30%	0.339%
55	21.003	3059	3063	3073	rBV	414338	617807	9.86%	1.453%
56	21.298	3108	3113	3124	rBV	1906734	2432030	38.80%	5.718%
57	21.433	3133	3136	3143	rBV	291101	341420	5.45%	0.803%
58	21.868	3207	3210	3222	rBV	419492	566556	9.04%	1.332%
59	22.333	3285	3289	3299	rBV	371657	501246	8.00%	1.179%
60	22.839	3371	3375	3380	rVB	594035	806727	12.87%	1.897%
61	23.403	3465	3471	3479	rBV	2047756	3659646	58.39%	8.605%
62	23.550	3490	3496	3504	rVB	1274539	2504798	39.96%	5.889%
63	24.050	3577	3581	3588	rVB	310721	527049	8.41%	1.239%

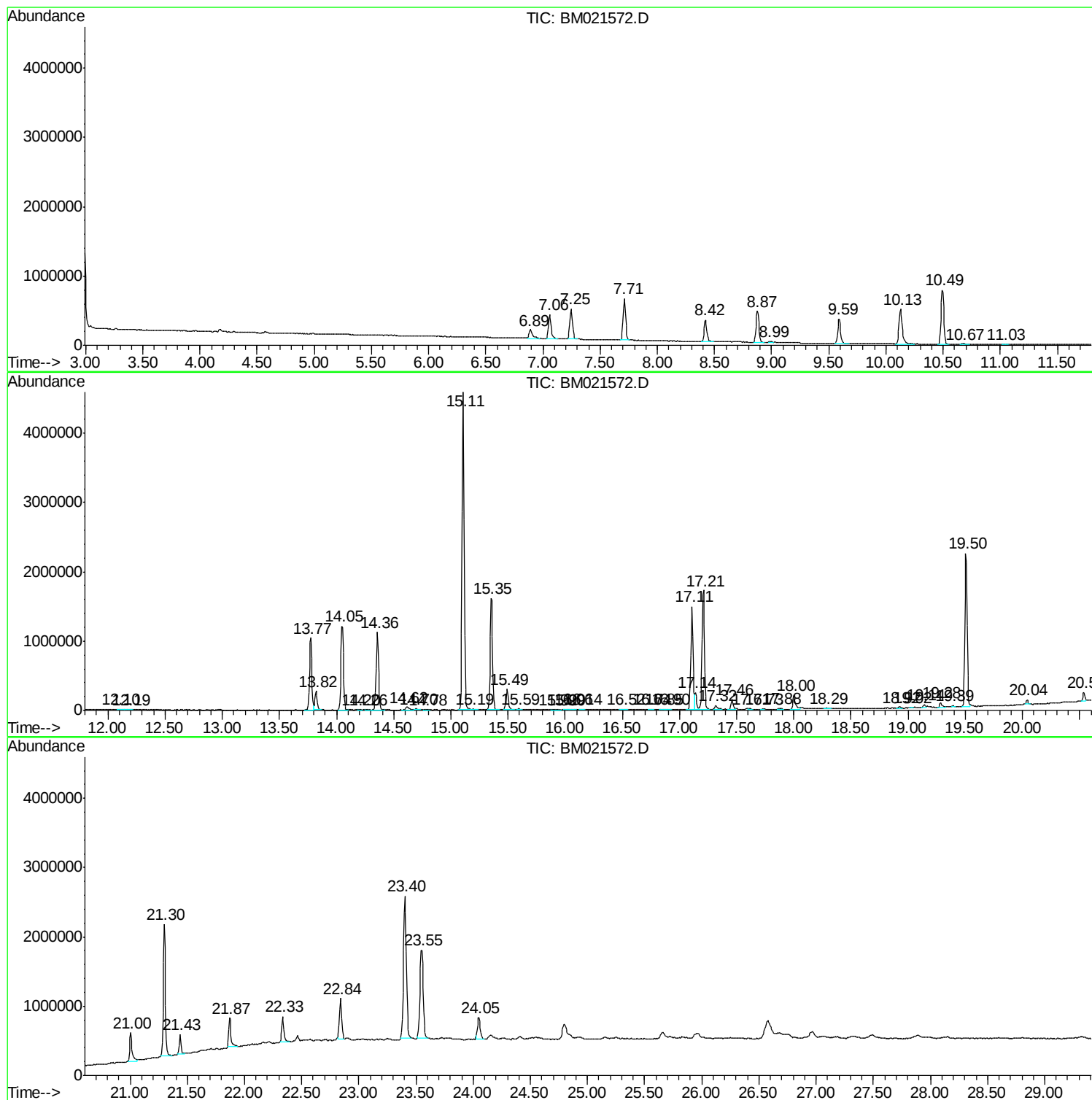
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Quant Title : SVOA CALIBRATION

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



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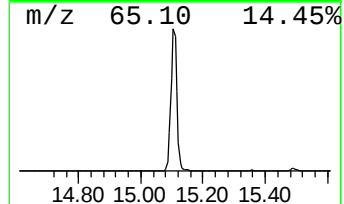
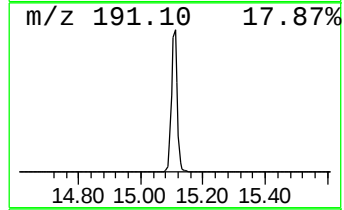
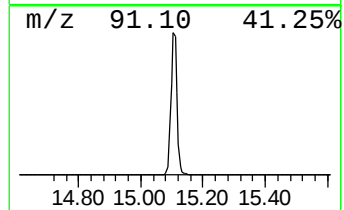
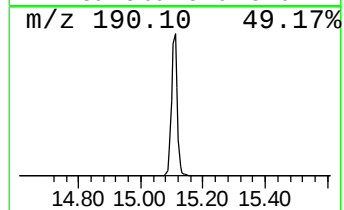
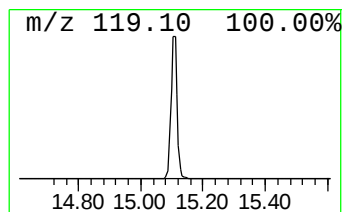
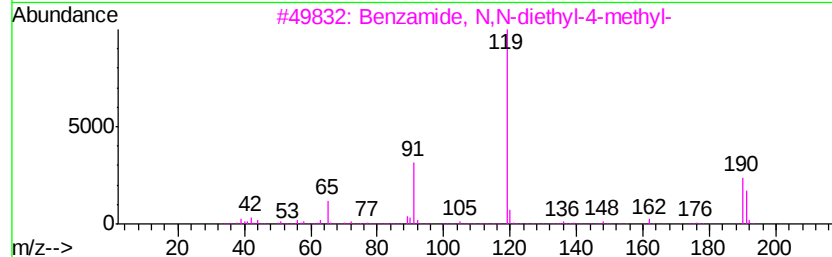
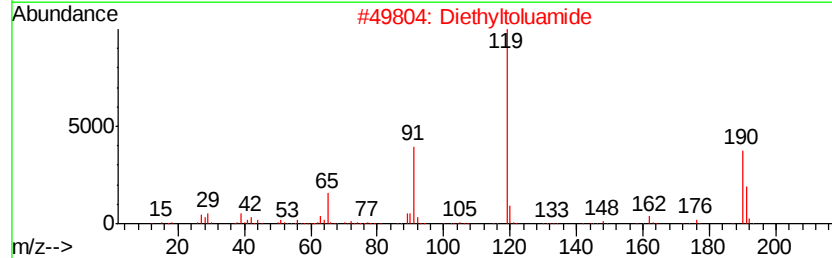
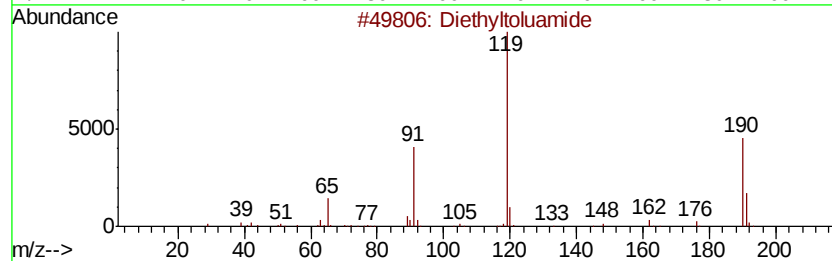
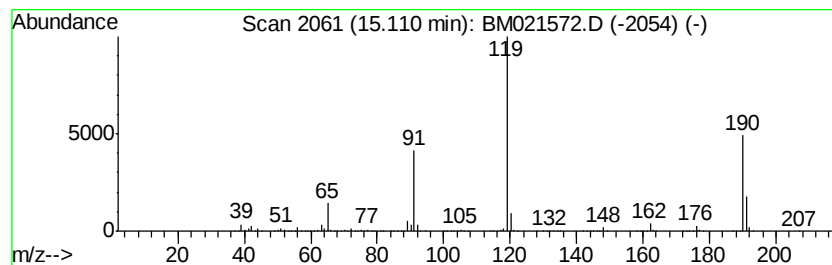
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Quant Title : SVOA CALIBRATION

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.
15.11	73.34 ng/ul	6267820	Acenaphthene-d10	14.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2		Diethyltoluamide	191	C12H17NO	000134-62-3	95
3		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
4		Diethyltoluamide	191	C12H17NO	000134-62-3	87
5		Diethyltoluamide	191	C12H17NO	000134-62-3	60



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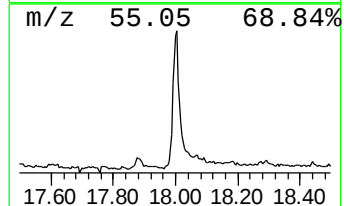
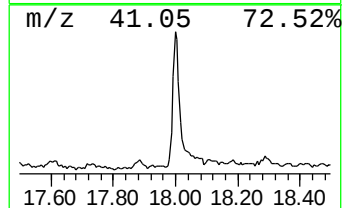
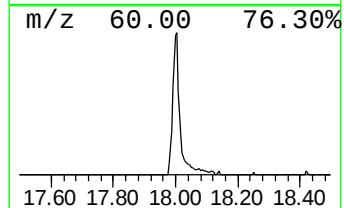
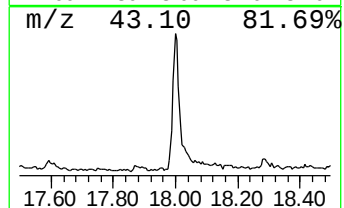
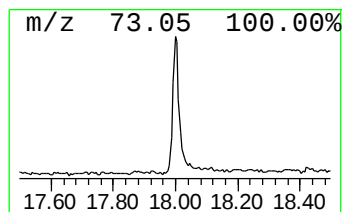
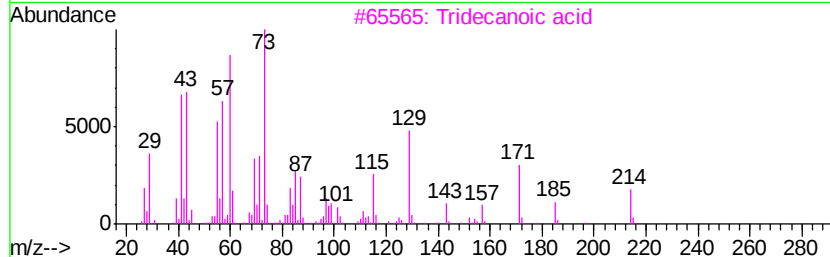
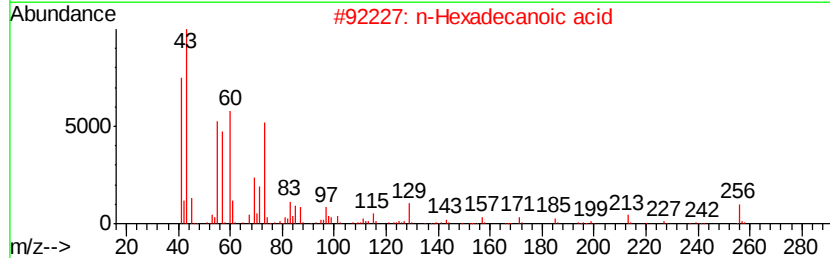
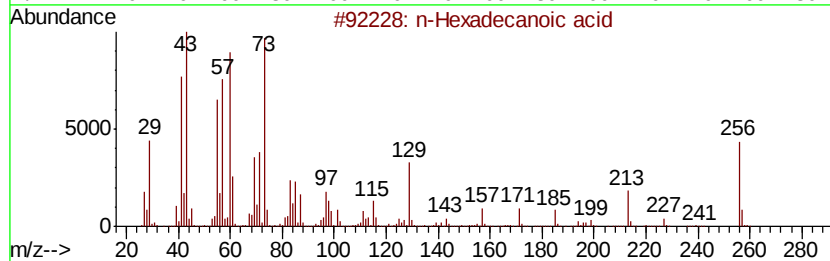
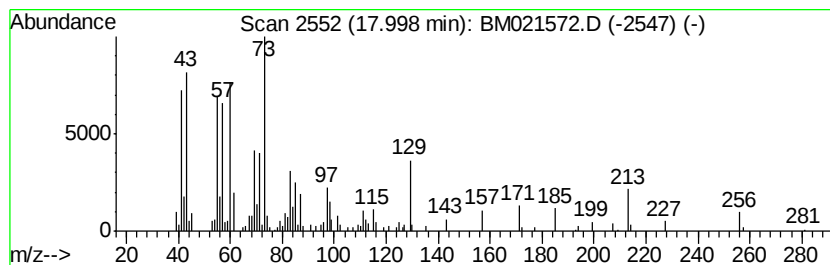
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.18 ng/ul	341240	Phenanthrene-d10	17.11

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	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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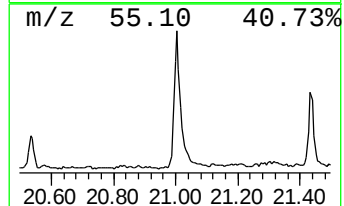
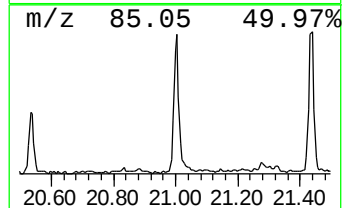
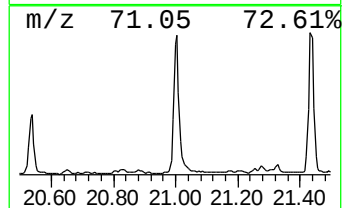
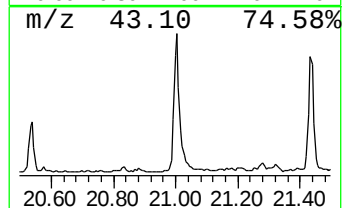
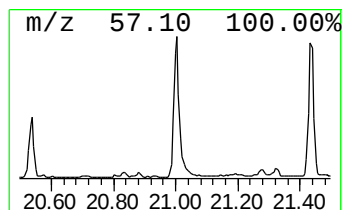
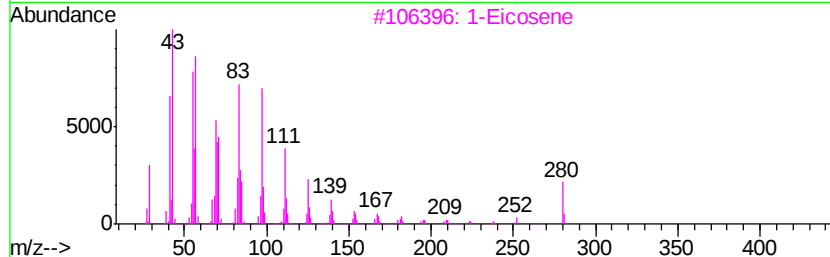
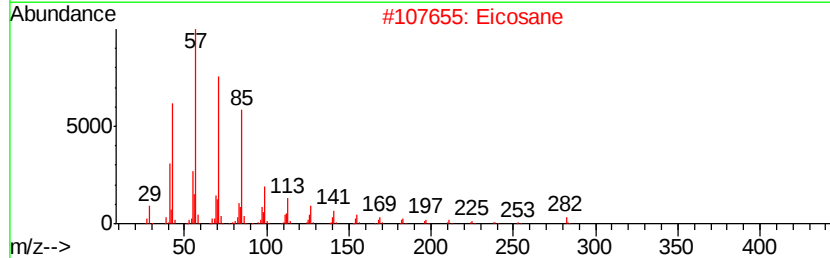
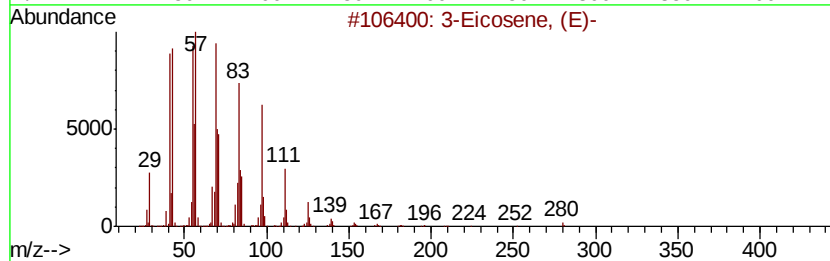
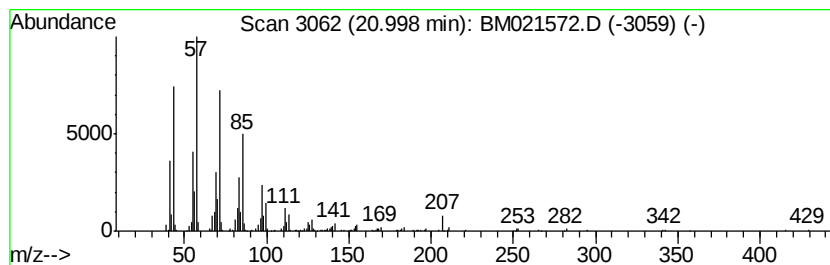
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Peak Number 3 (DEL) Alkane: Cyclic21.00 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	5.08 ng/ul	617807	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	96
2	Eicosane		282	C20H42	000112-95-8	93
3	1-Eicosene		280	C20H40	003452-07-1	87
4	1-Docosanethiol		342	C22H46S	007773-83-3	84
5	Nonadecane		268	C19H40	000629-92-5	74



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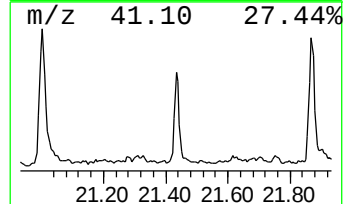
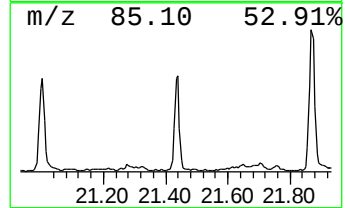
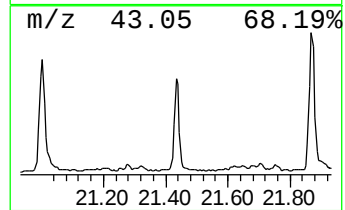
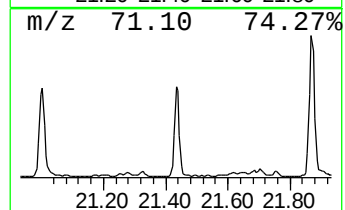
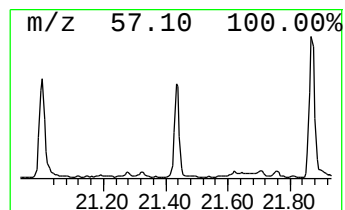
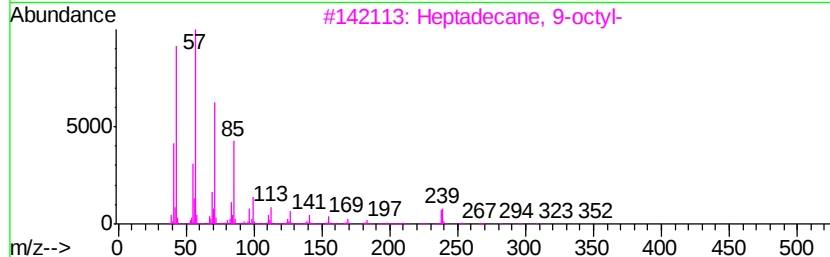
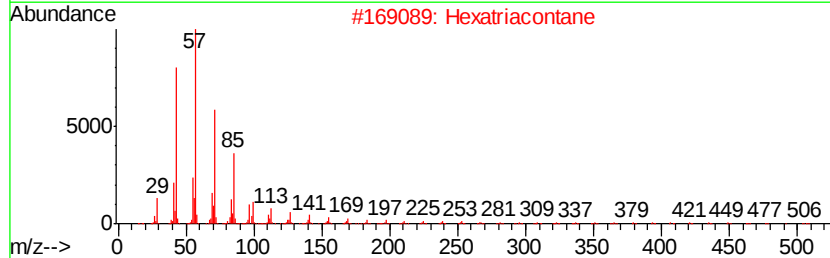
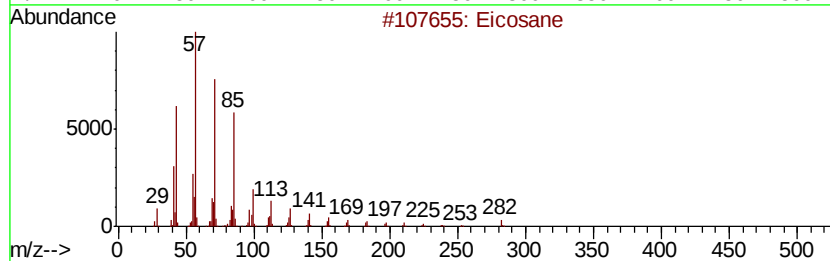
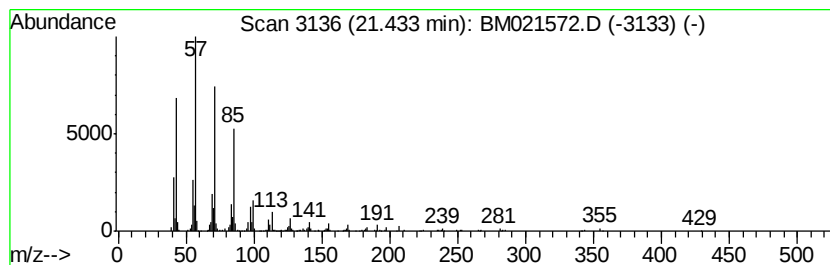
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.81 ng/ul	341420	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Triacontane	422	C30H62	000638-68-6	91



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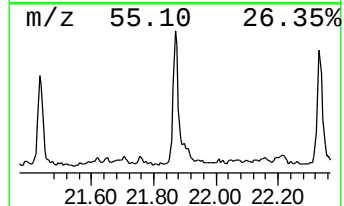
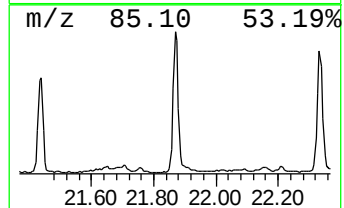
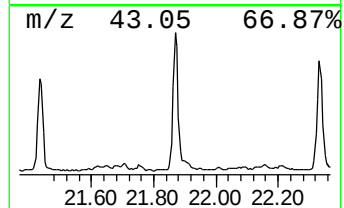
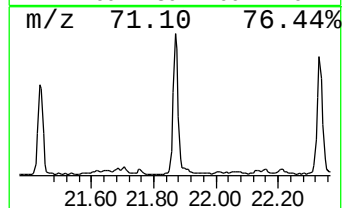
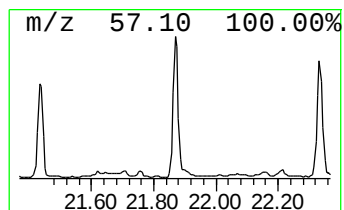
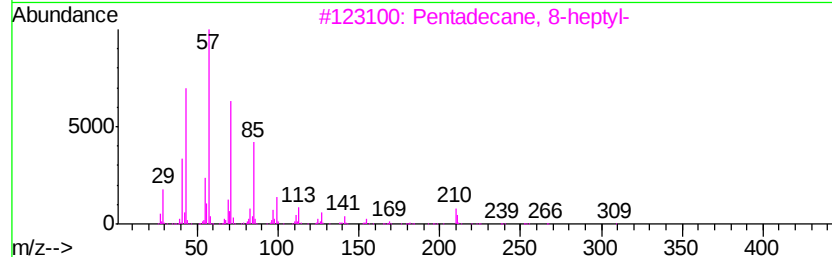
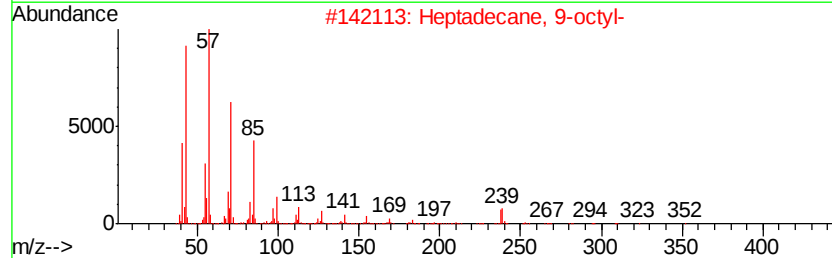
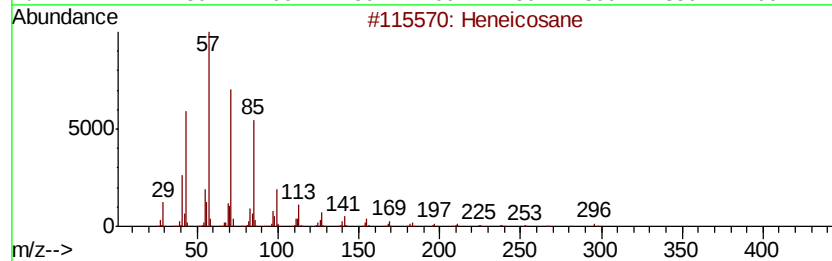
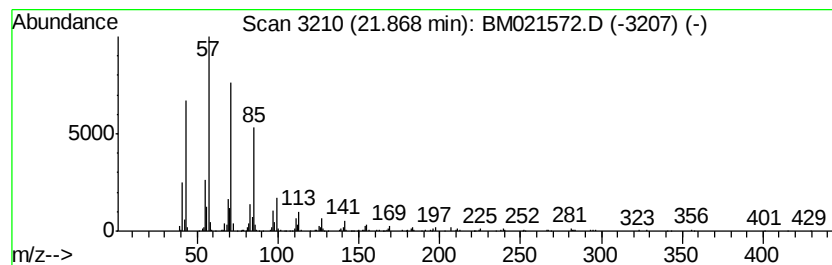
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	4.66 ng/ul	566556	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021572.D
Acq On : 20 Jul 2019 01:16
Operator : HP/JU
Sample : K3823-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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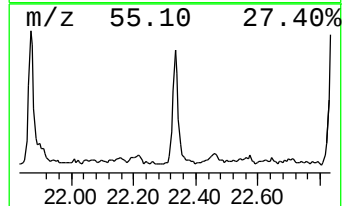
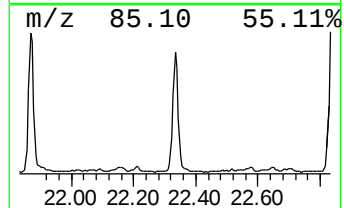
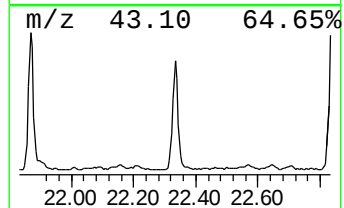
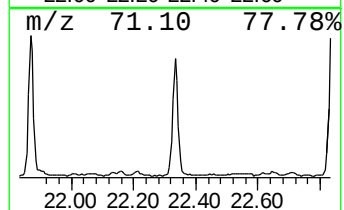
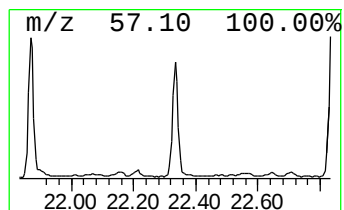
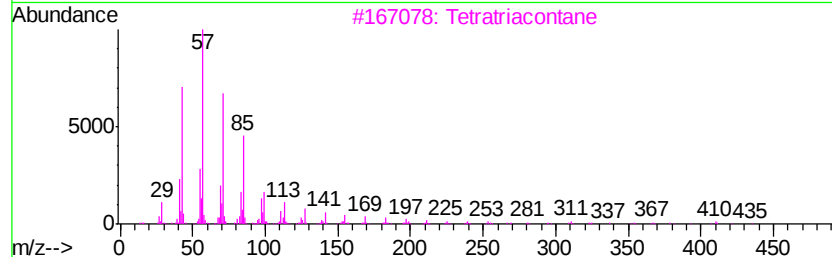
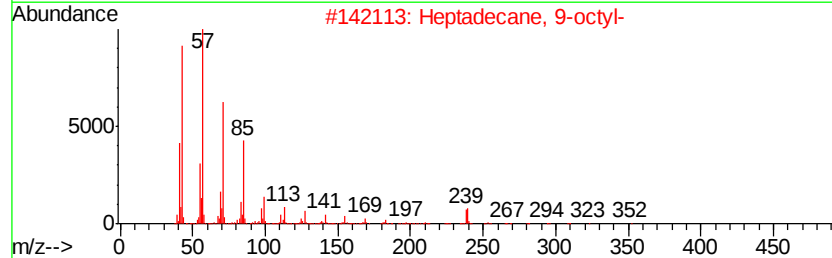
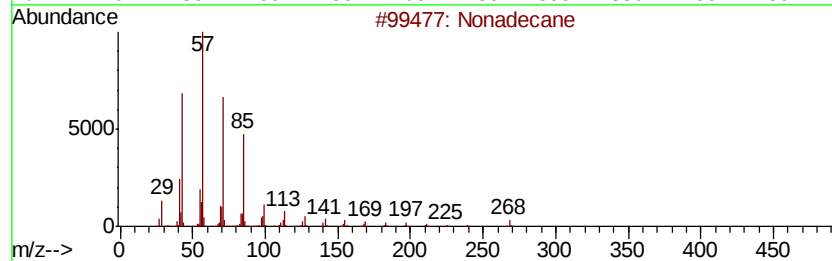
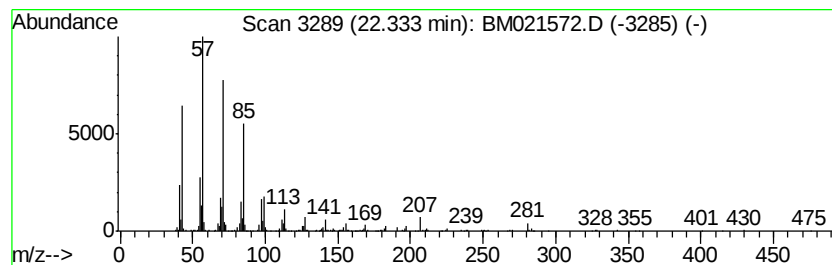
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	4.12 ng/ul	501246	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021572.D
Acq On : 20 Jul 2019 01:16
Operator : HP/JU
Sample : K3823-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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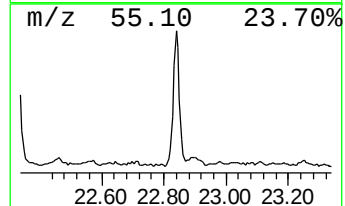
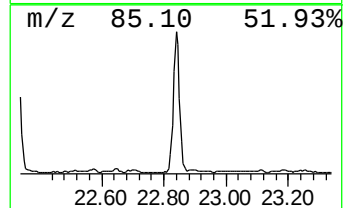
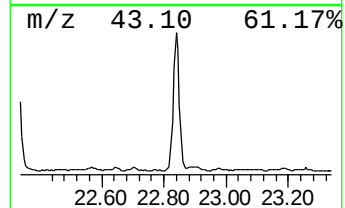
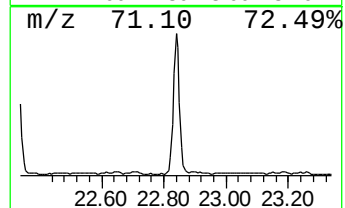
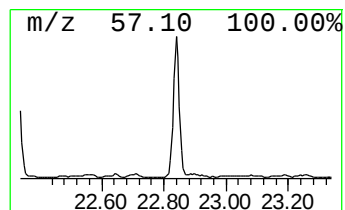
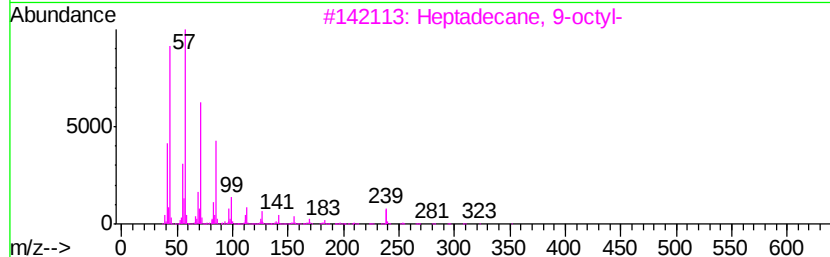
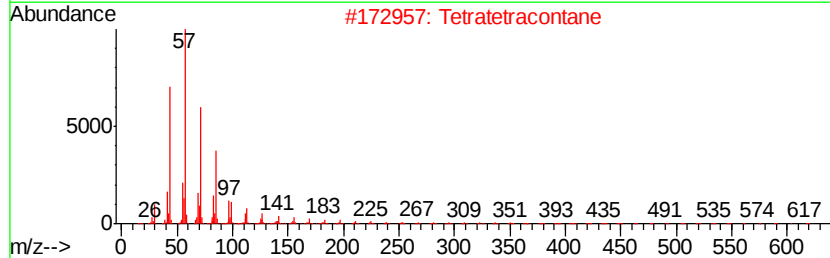
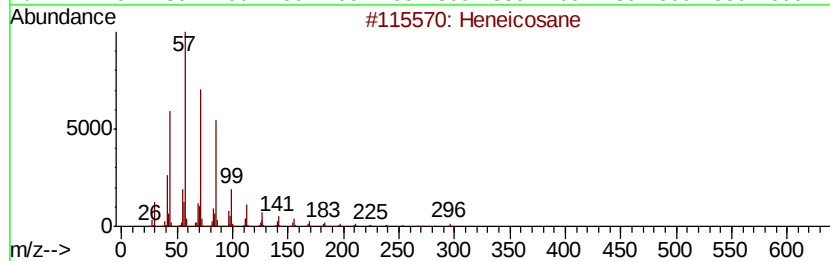
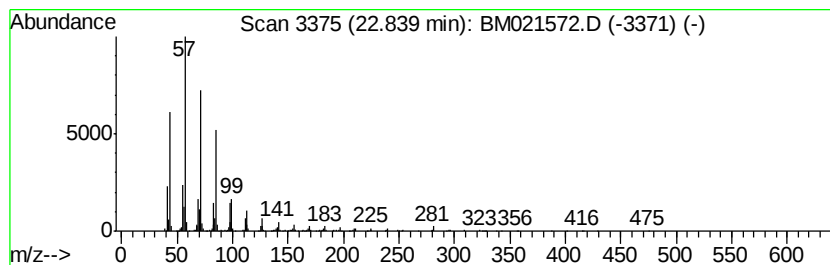
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	6.44 ng/ul	806727	Perylene-d12	23.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021572.D
Acq On : 20 Jul 2019 01:16
Operator : HP/JU
Sample : K3823-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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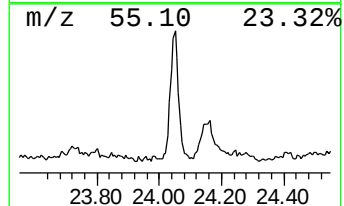
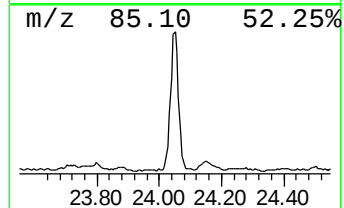
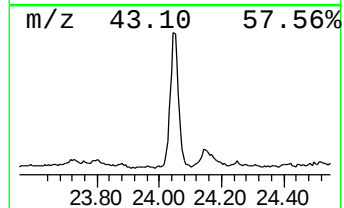
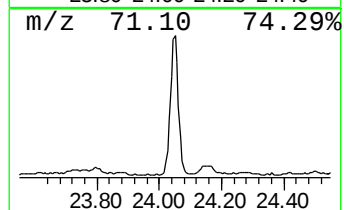
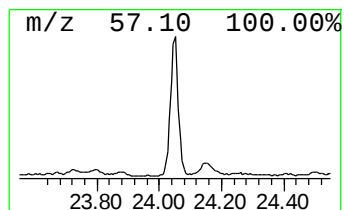
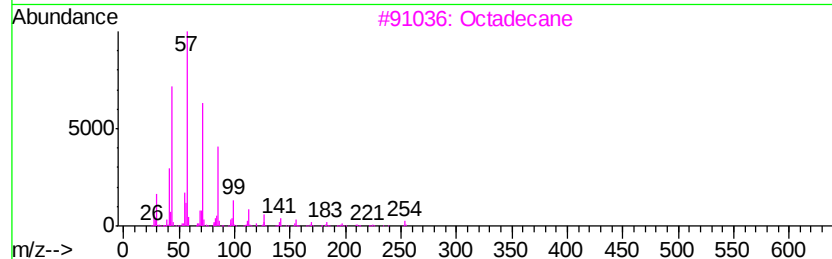
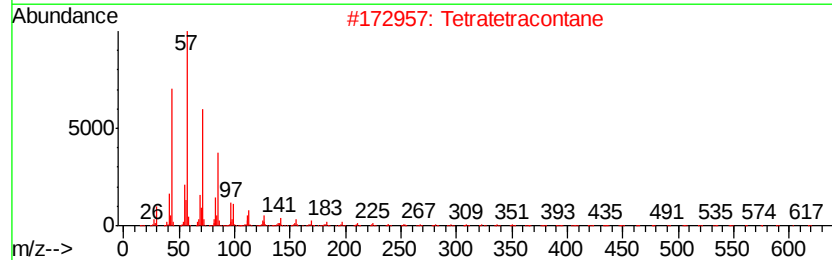
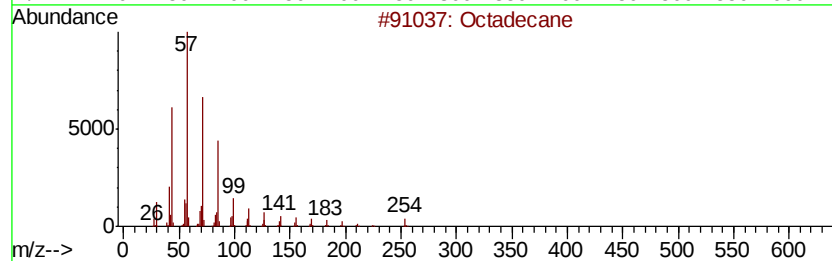
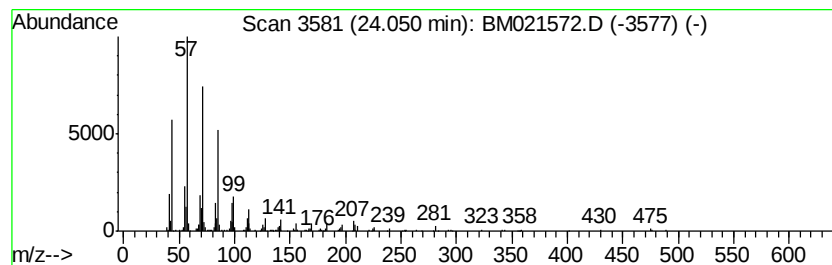
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	4.21 ng/ul	527049	Perylene-d12	23.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Nonacosane	408	C29H60	000630-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071919\
Data File : BM021572.D
Acq On : 20 Jul 2019 01:16
Operator : HP/JU
Sample : K3823-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	15.11	73.3	ng/ul	6267820	3	14.36	1709160	20.0
n-Hexadecanoic acid	18.00	3.2	ng/ul	341240	4	17.11	2148890	20.0
(DEL) Alkane: Cyc...	21.00	5.1	ng/ul	617807	5	21.30	2432030	20.0
(DEL) Alkane: Str...	21.43	2.8	ng/ul	341420	5	21.30	2432030	20.0
(DEL) Alkane: Str...	21.87	4.7	ng/ul	566556	5	21.30	2432030	20.0
(DEL) Alkane: Str...	22.33	4.1	ng/ul	501246	5	21.30	2432030	20.0
(DEL) Alkane: Str...	22.84	6.4	ng/ul	806727	6	23.55	2504800	20.0
(DEL) Alkane: Str...	24.05	4.2	ng/ul	527049	6	23.55	2504800	20.0