

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
 Data File : BM021596.D
 Acq On : 23 Jul 2019 00:36
 Operator : HP/JU
 Sample : K3823-01
 Misc :
 ALS Vial : 15 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	658	663	674	rVB2	136813	293102	3.16%	0.498%
2	7.052	686	691	706	rVB	348717	580226	6.25%	0.986%
3	7.240	717	723	736	rVB	436296	724693	7.80%	1.231%
4	7.704	797	802	810	rVB	415362	662326	7.13%	1.125%
5	8.410	917	922	931	rVB	360741	625115	6.73%	1.062%
6	8.869	994	1000	1010	rBV	505363	841252	9.06%	1.429%
7	8.981	1015	1019	1024	rBV2	21733	35715	0.38%	0.061%
8	9.587	1115	1122	1138	rVB	410016	710401	7.65%	1.207%
9	10.116	1206	1212	1236	rVB	594470	1264499	13.61%	2.149%
10	10.487	1268	1275	1283	rBV	650207	1052368	11.33%	1.788%
11	10.592	1289	1293	1299	rVV5	5969	10469	0.11%	0.018%
12	10.663	1301	1305	1315	rVB3	13419	28636	0.31%	0.049%
13	11.028	1363	1367	1371	rVB2	7416	9972	0.11%	0.017%
14	12.092	1544	1548	1554	rVB	8166	14140	0.15%	0.024%
15	12.969	1693	1697	1702	rVB2	6313	10878	0.12%	0.018%
16	13.769	1823	1833	1837	rBV	1469540	2079756	22.39%	3.534%
17	13.816	1837	1841	1851	rVB	375285	525002	5.65%	0.892%
18	14.045	1873	1880	1891	rBV	1622001	2451962	26.40%	4.166%
19	14.192	1898	1905	1910	rBV4	7341	18351	0.20%	0.031%
20	14.263	1910	1917	1922	rVB6	10005	19944	0.21%	0.034%
21	14.351	1922	1932	1943	rVB	1147106	1669528	17.97%	2.837%
22	14.433	1943	1946	1951	rBV5	6042	9476	0.10%	0.016%
23	14.616	1971	1977	1986	rBV	80571	189570	2.04%	0.322%
24	14.692	1986	1990	1999	rVV	28495	50864	0.55%	0.086%
25	14.775	1999	2004	2008	rVV6	8951	12654	0.14%	0.022%
26	15.104	2052	2060	2071	rBV	7126850	9288762	100.00%	15.783%
27	15.186	2071	2074	2084	rVB5	17653	39919	0.43%	0.068%
28	15.345	2095	2101	2112	rBV	2263495	3262932	35.13%	5.544%
29	15.486	2118	2125	2137	rBV	531931	774158	8.33%	1.315%
30	15.586	2138	2142	2148	rVB2	23256	34183	0.37%	0.058%
31	15.910	2194	2197	2204	rVB6	8940	13957	0.15%	0.024%
32	15.986	2206	2210	2215	rVB6	5790	10133	0.11%	0.017%
33	16.051	2215	2221	2226	rBV3	15278	26880	0.29%	0.046%
34	16.133	2231	2235	2241	rVB5	8484	13368	0.14%	0.023%

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35	16.504	2294	2298	2302	rBV4	10356	15561	0.17%	0.026%
36	16.739	2332	2338	2341	rBV5	8966	13407	0.14%	0.023%
37	16.851	2352	2357	2360	rBV5	11395	16444	0.18%	0.028%
38	16.892	2361	2364	2368	rVB4	8629	11595	0.12%	0.020%
39	17.104	2392	2400	2404	rBV	1532037	2240741	24.12%	3.807%
40	17.204	2409	2417	2427	rVV	2499676	3621800	38.99%	6.154%
41	17.310	2431	2435	2446	rVB4	53338	89432	0.96%	0.152%
42	17.457	2454	2460	2464	rBV	159063	204944	2.21%	0.348%
43	17.604	2483	2485	2490	rVB6	14632	19480	0.21%	0.033%
44	17.716	2500	2504	2507	rBV5	8904	12135	0.13%	0.021%
45	17.774	2510	2514	2518	rVB6	9751	14144	0.15%	0.024%
46	17.874	2527	2531	2538	rBV6	16336	31561	0.34%	0.054%
47	17.998	2546	2552	2562	rBV	415152	663987	7.15%	1.128%
48	18.168	2579	2581	2587	rVB6	10643	14778	0.16%	0.025%
49	18.280	2597	2600	2606	rBV4	12956	19912	0.21%	0.034%
50	18.345	2607	2611	2618	rVB6	12168	22472	0.24%	0.038%
51	18.510	2635	2639	2642	rBV6	9588	12936	0.14%	0.022%
52	18.916	2705	2708	2713	rVB3	30612	36763	0.40%	0.062%
53	19.057	2728	2732	2735	rBV6	14370	17294	0.19%	0.029%
54	19.133	2741	2745	2748	rBV2	76652	111804	1.20%	0.190%
55	19.280	2766	2770	2776	rBV	139077	209853	2.26%	0.357%
56	19.386	2785	2788	2792	rVB	24785	29832	0.32%	0.051%
57	19.498	2801	2807	2813	rBV	3540373	4794687	51.62%	8.147%
58	20.033	2895	2898	2905	rVB	136133	150812	1.62%	0.256%
59	20.533	2979	2983	2987	rBV	243439	269447	2.90%	0.458%
60	20.998	3058	3062	3071	rBV	754018	1052678	11.33%	1.789%
61	21.292	3107	3112	3121	rBV	2111851	2832236	30.49%	4.812%
62	21.433	3132	3136	3143	rBV	523359	614529	6.62%	1.044%
63	21.862	3205	3209	3214	rBV	734421	952621	10.26%	1.619%
64	22.327	3284	3288	3294	rBV	632996	846579	9.11%	1.438%
65	22.833	3370	3374	3379	rVB	974446	1358091	14.62%	2.308%
66	23.398	3463	3470	3480	rBV	3532514	6189970	66.64%	10.518%
67	23.539	3488	3494	3503	rVB2	1528313	2906098	31.29%	4.938%
68	24.039	3574	3579	3589	rVB	571544	1031852	11.11%	1.753%
69	24.786	3701	3706	3724	rVB2	404459	1066572	11.48%	1.812%

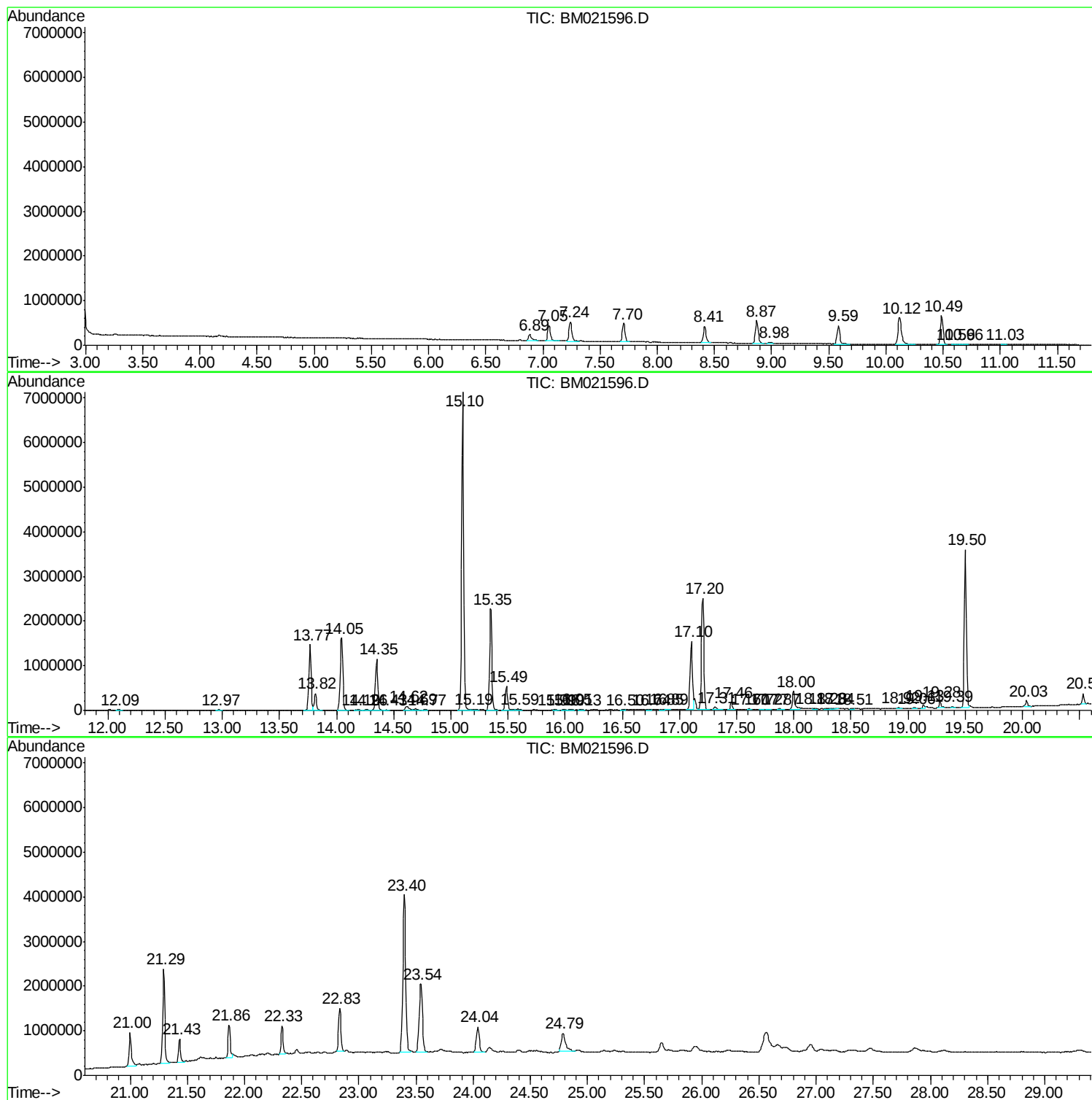
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Quant Title : SVOA CALIBRATION

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



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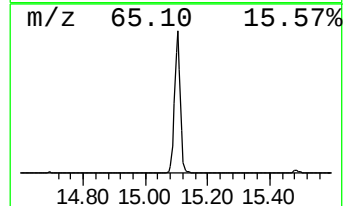
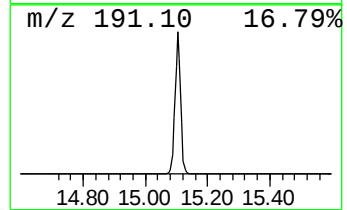
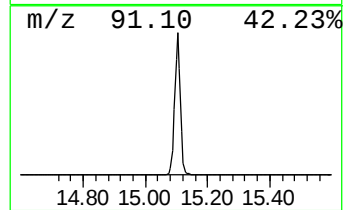
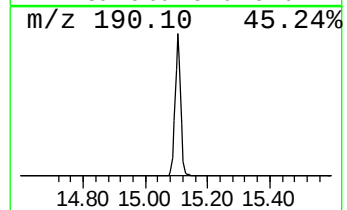
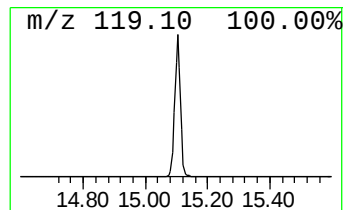
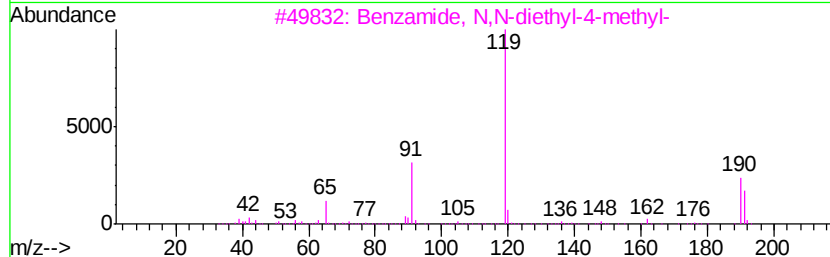
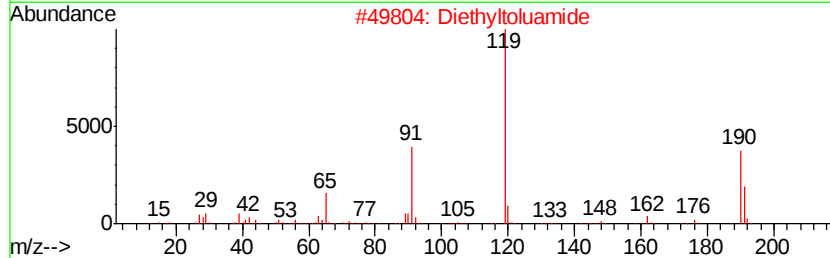
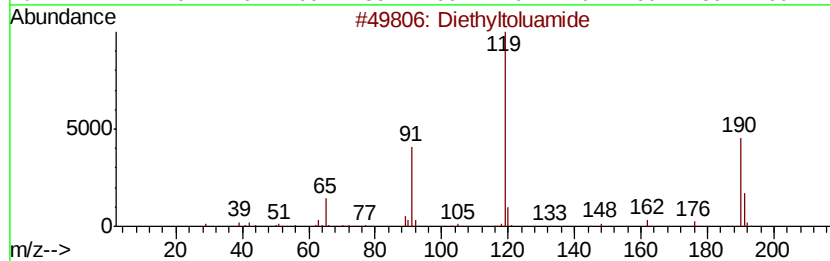
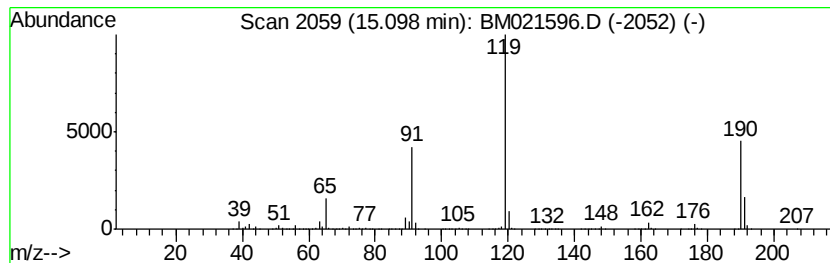
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.10	111.27 ng/ul	9288760	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	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	87



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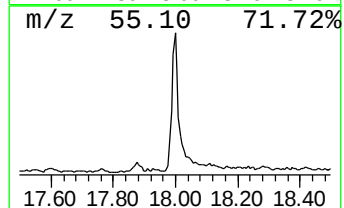
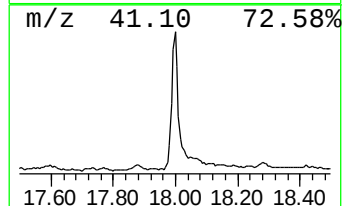
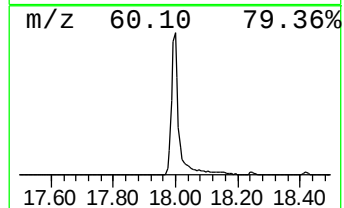
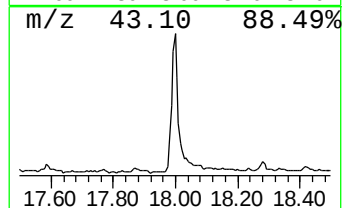
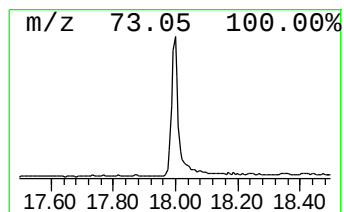
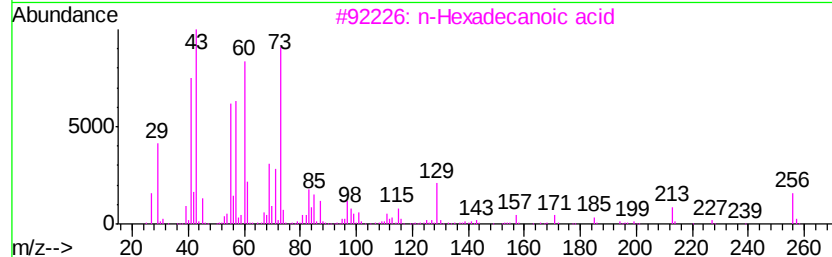
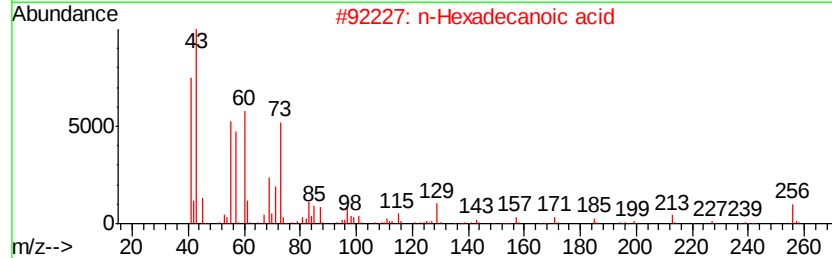
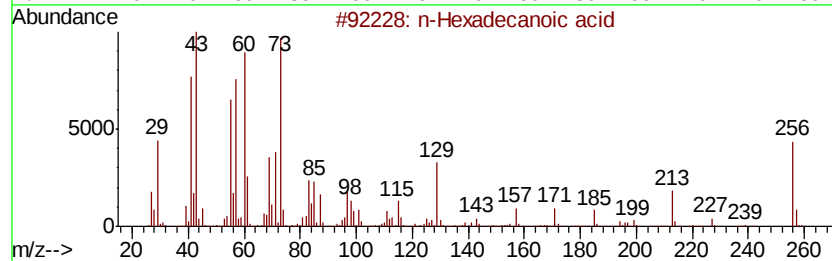
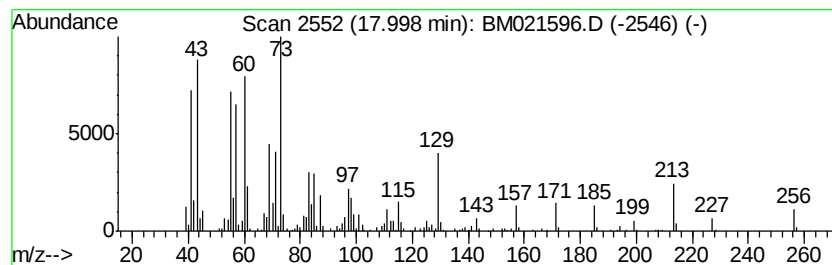
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	5.93 ng/ul	663987	Phenanthrene-d10	17.10

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	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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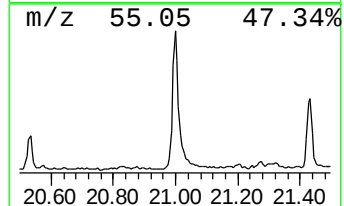
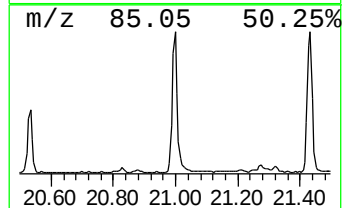
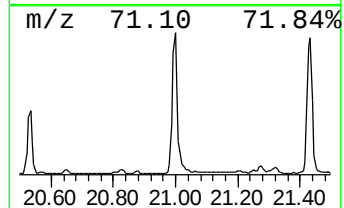
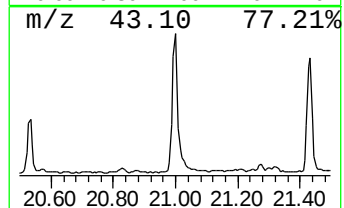
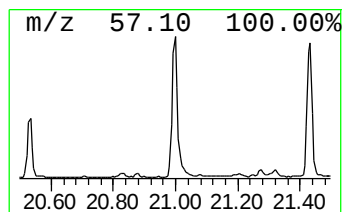
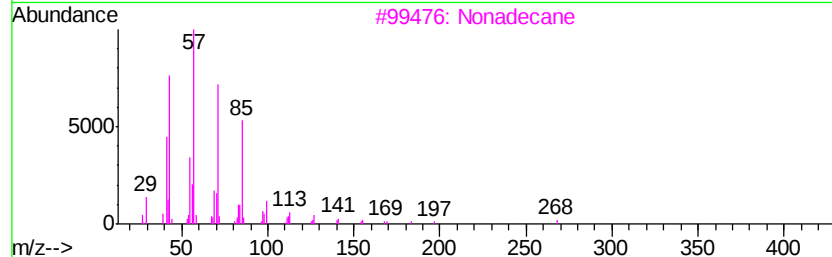
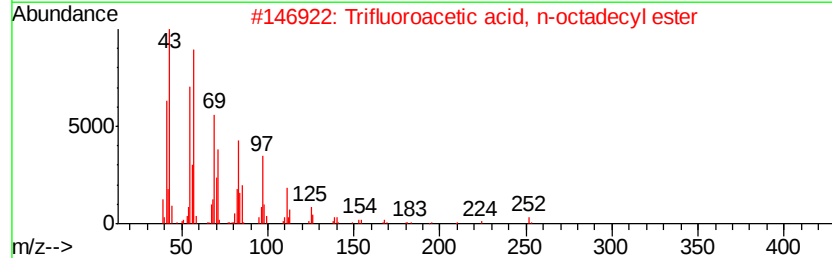
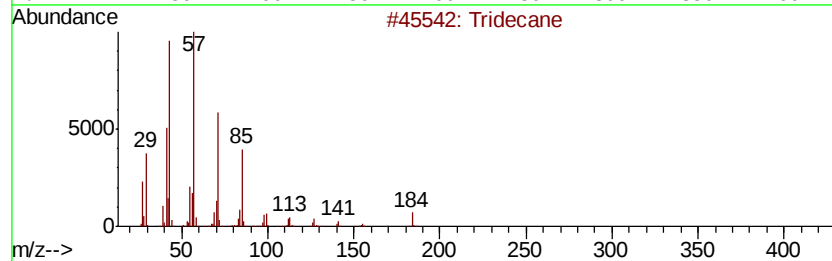
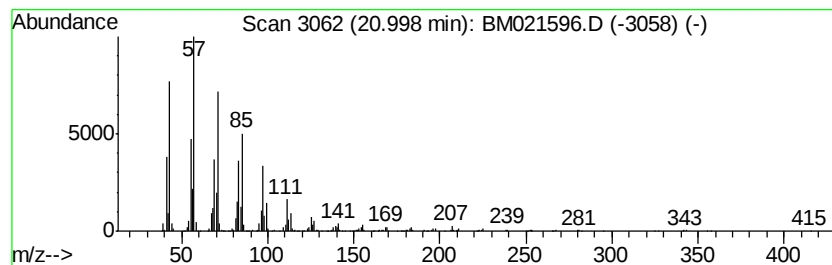
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	7.43 ng/ul	1052680	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	70
3		Nonadecane	268	C19H40	000629-92-5	68
4		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	60
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	58



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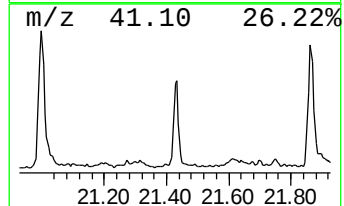
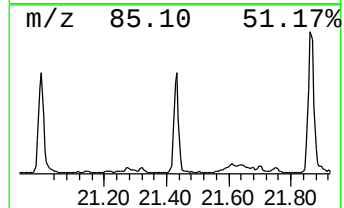
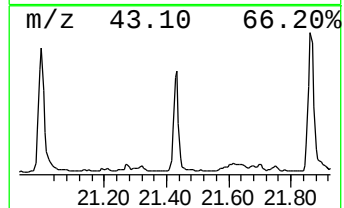
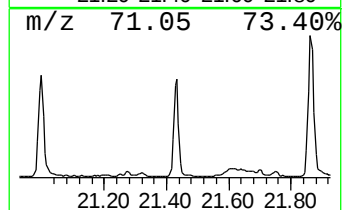
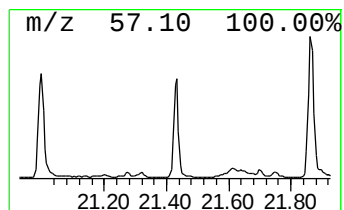
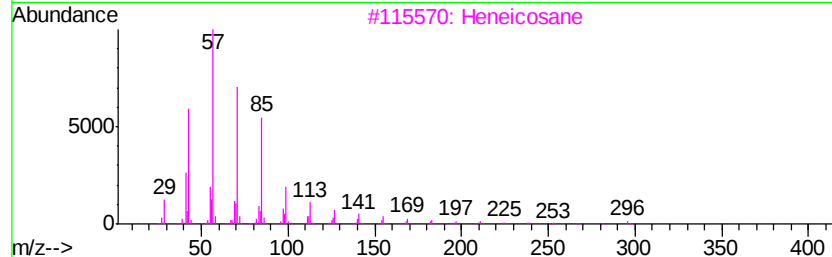
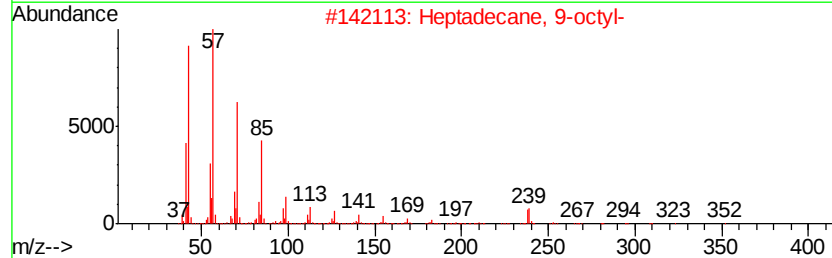
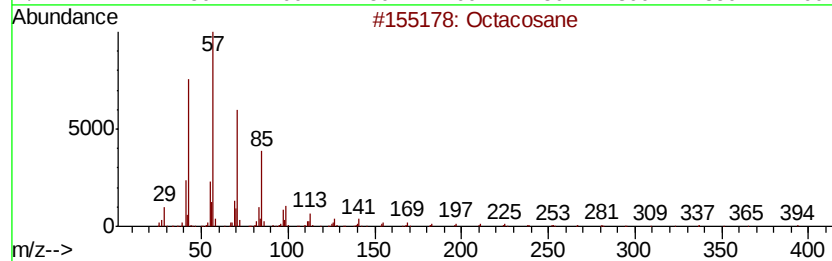
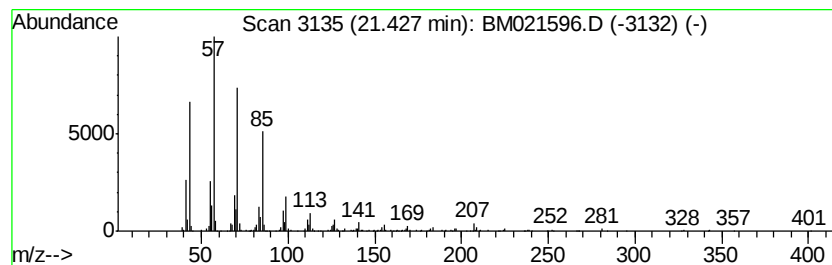
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	4.34 ng/ul	614529	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



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Sample : K3823-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52N8

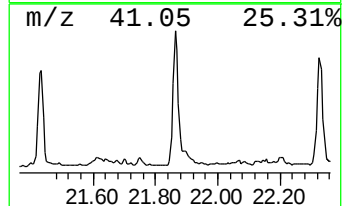
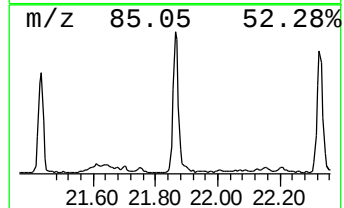
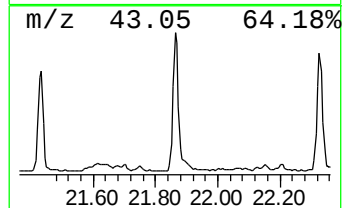
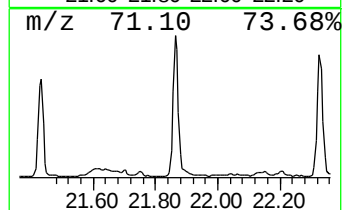
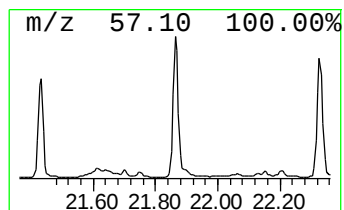
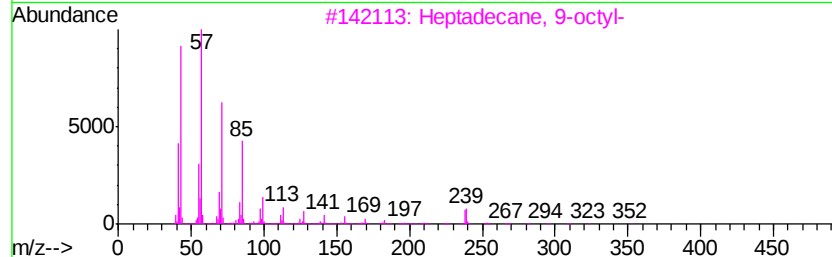
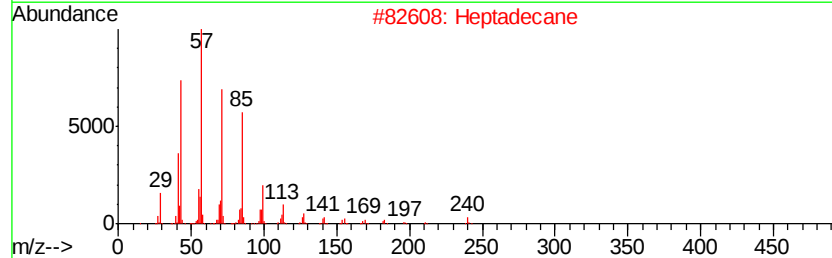
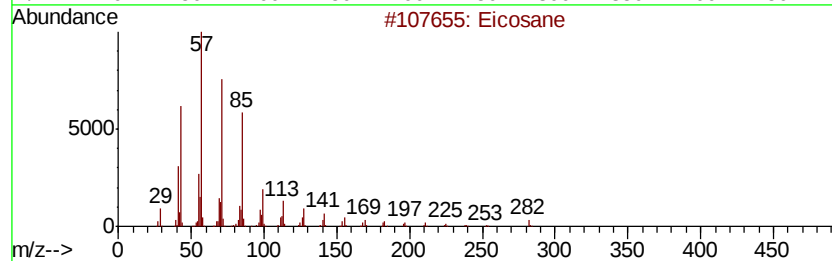
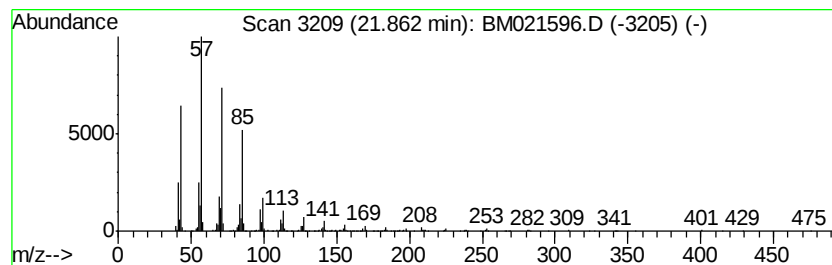
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Quant Title : SVOA CALIBRATION

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.
21.86	6.73 ng/ul	952621	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heptadecane	240	C17H36	000629-78-7	93
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021596.D
Acq On : 23 Jul 2019 00:36
Operator : HP/JU
Sample : K3823-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52N8

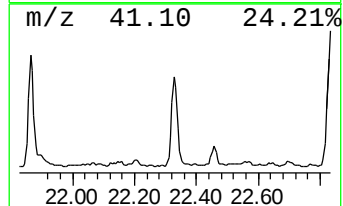
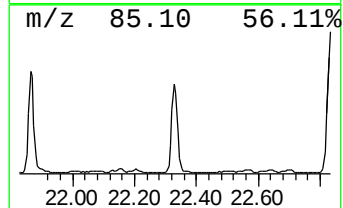
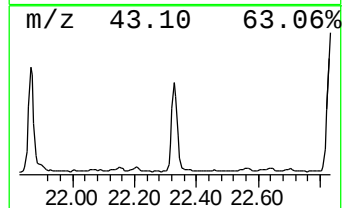
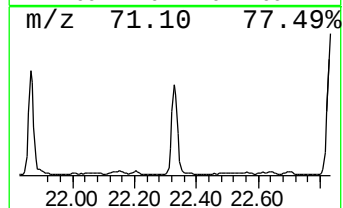
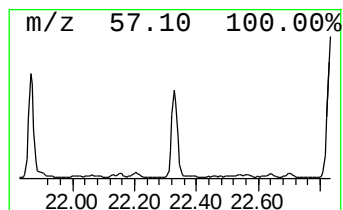
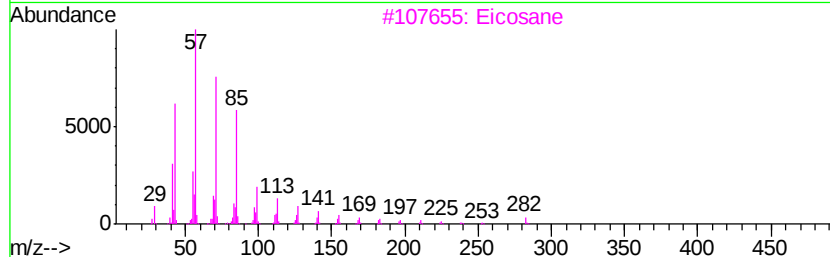
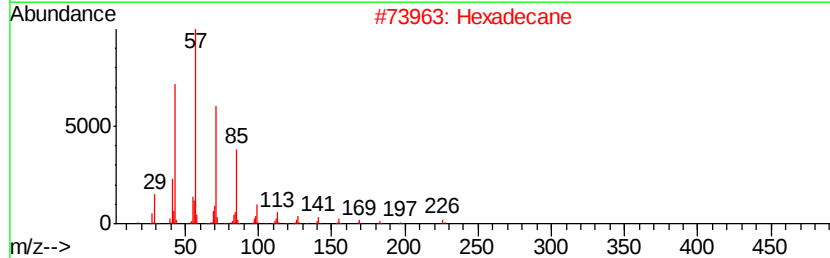
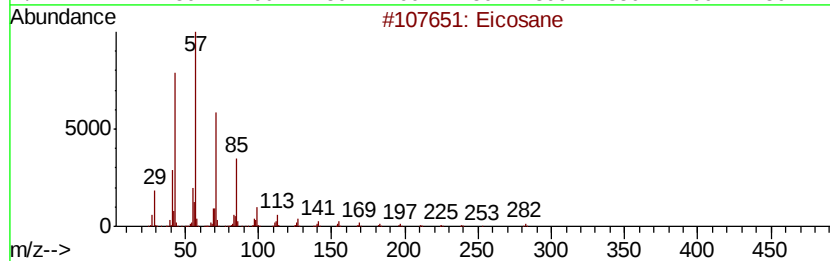
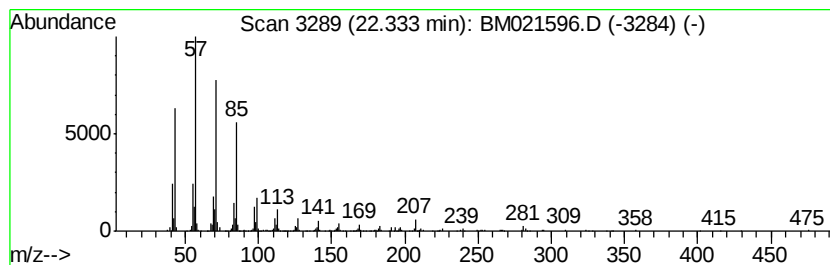
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Quant Title : SVOA CALIBRATION

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.
22.33	5.98 ng/ul	846579	Chrysene-d12	21.29

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021596.D
Acq On : 23 Jul 2019 00:36
Operator : HP/JU
Sample : K3823-01
Misc :
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Instrument :
BNA_M
ClientSampleId :
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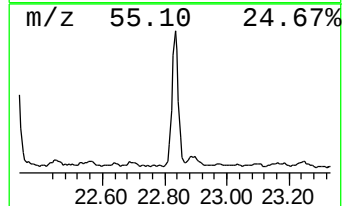
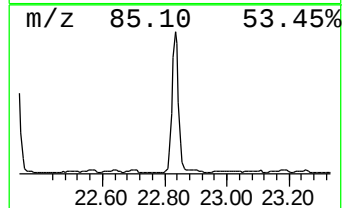
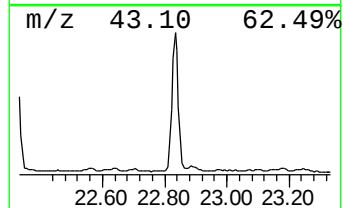
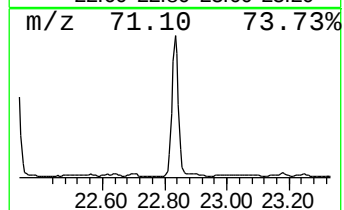
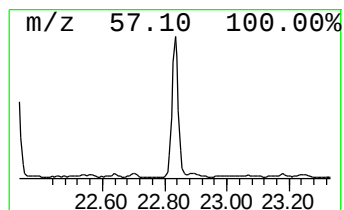
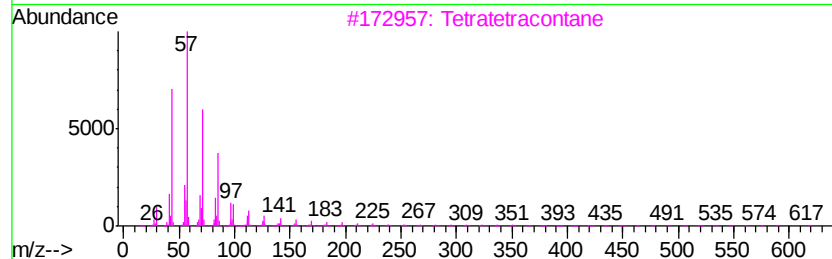
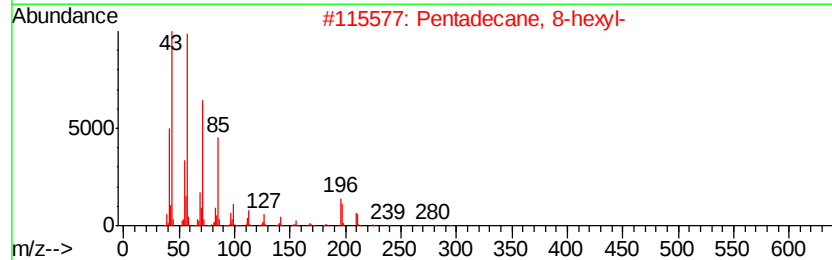
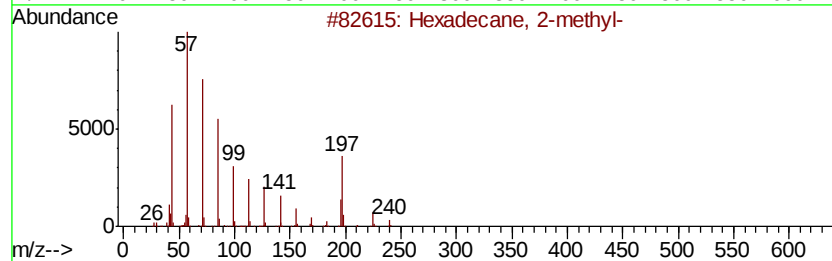
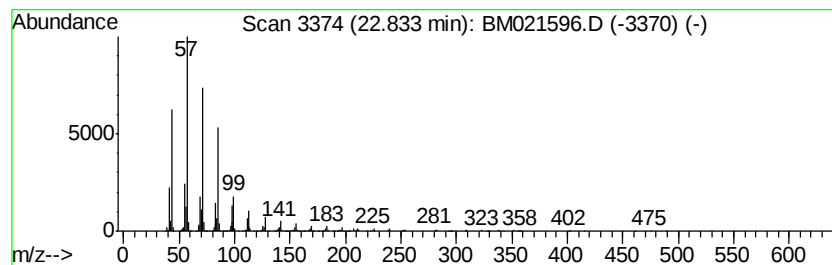
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Quant Title : SVOA CALIBRATION

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.
22.83	9.35 ng/ul	1358090	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021596.D
Acq On : 23 Jul 2019 00:36
Operator : HP/JU
Sample : K3823-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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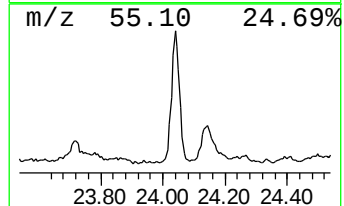
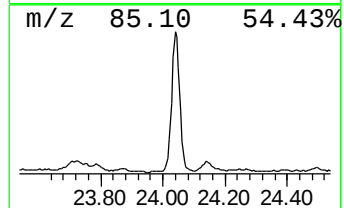
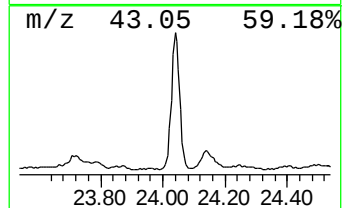
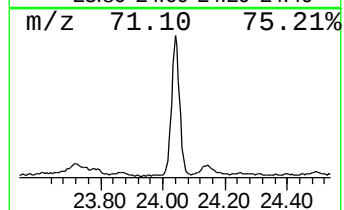
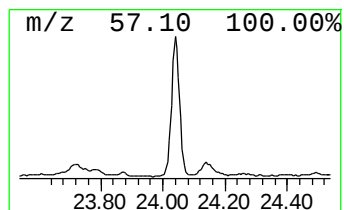
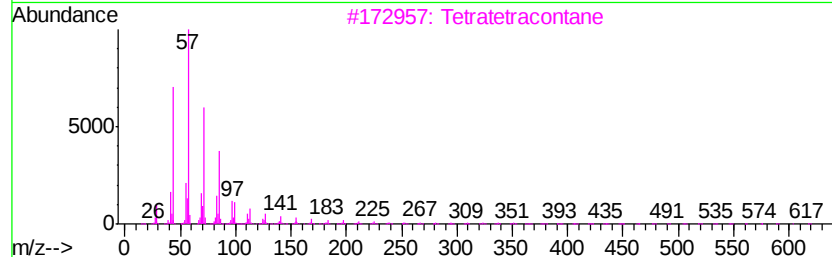
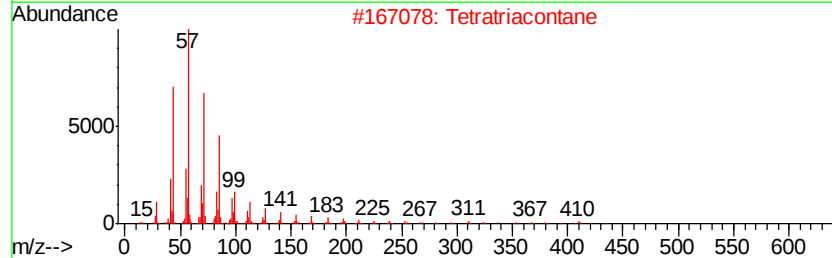
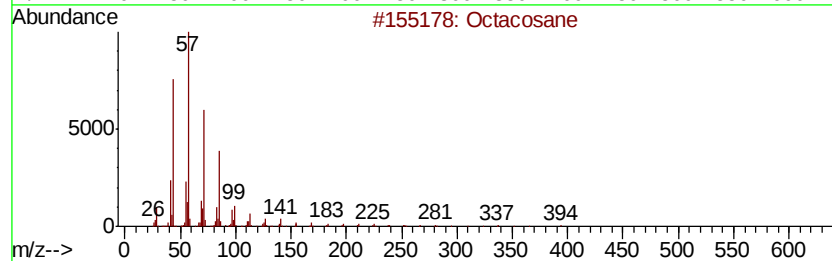
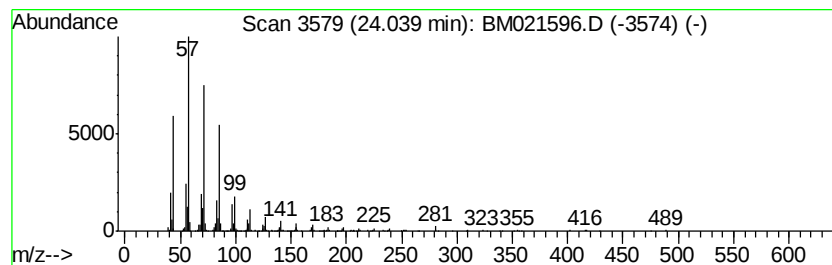
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Quant Title : SVOA CALIBRATION

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.
24.04	7.10 ng/ul	1031850	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021596.D
Acq On : 23 Jul 2019 00:36
Operator : HP/JU
Sample : K3823-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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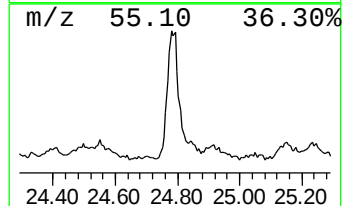
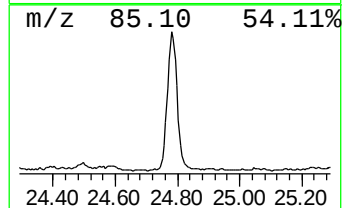
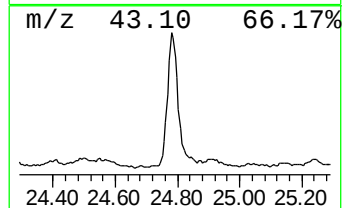
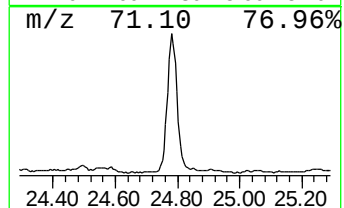
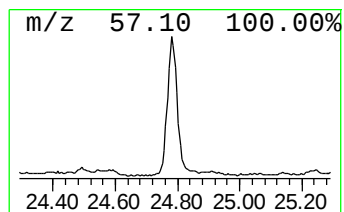
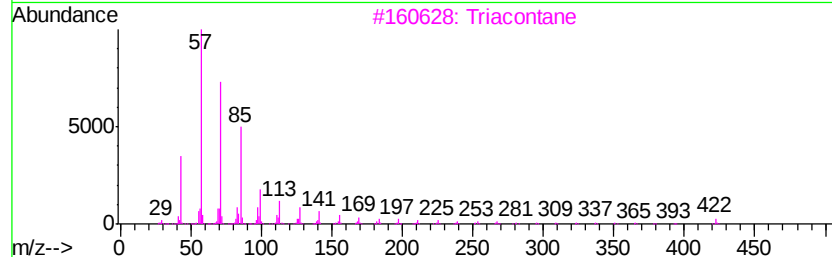
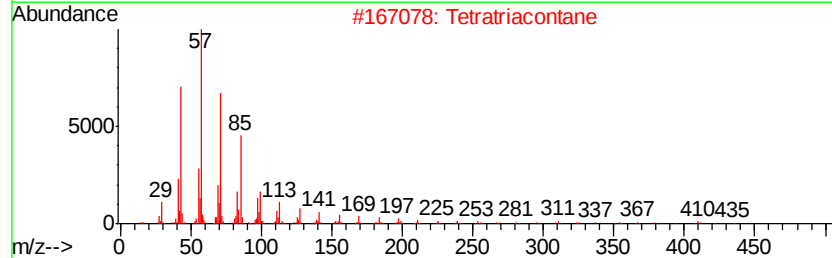
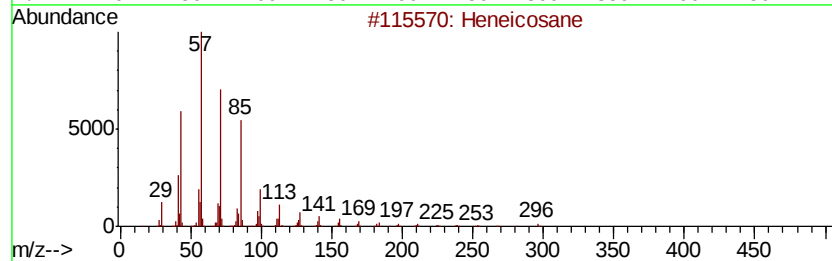
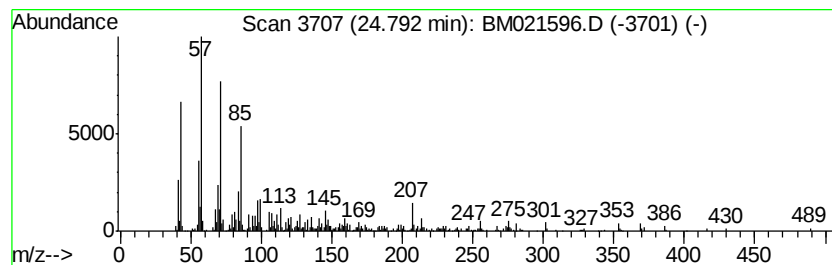
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	7.34 ng/ul	1066570	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Triacontane	422	C30H62	000638-68-6	87
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072219\
Data File : BM021596.D
Acq On : 23 Jul 2019 00:36
Operator : HP/JU
Sample : K3823-01
Misc :
ALS Vial : 15 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
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n-Hexadecanoic acid	18.00	5.9	ng/ul	663987	4	17.10	2240740	20.0
(DEL) Alkane: Str...	21.00	7.4	ng/ul	1052680	5	21.29	2832240	20.0
(DEL) Alkane: Str...	21.43	4.3	ng/ul	614529	5	21.29	2832240	20.0
(DEL) Alkane: Str...	21.86	6.7	ng/ul	952621	5	21.29	2832240	20.0
(DEL) Alkane: Str...	22.33	6.0	ng/ul	846579	5	21.29	2832240	20.0
(DEL) Alkane: Str...	22.83	9.3	ng/ul	1358090	6	23.54	2906100	20.0
(DEL) Alkane: Str...	24.04	7.1	ng/ul	1031850	6	23.54	2906100	20.0
(DEL) Alkane: Str...	24.79	7.3	ng/ul	1066570	6	23.54	2906100	20.0