

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
 Data File : BG041973.D
 Acq On : 5 Aug 2019 20:01
 Operator : HP/JU
 Sample : K3976-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0CA1

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_G\METHODS\SOM-EPA-BG080319MA.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	3.158	7	12	27	rVB	416085	697510	29.11%	2.897%
2	3.423	52	57	64	rVB2	17070	28447	1.19%	0.118%
3	4.081	164	169	174	rBV6	3242	7097	0.30%	0.029%
4	4.181	182	186	193	rBV	12046	18773	0.78%	0.078%
5	4.721	274	278	285	rBV6	2874	4736	0.20%	0.020%
6	5.256	367	369	375	rBV6	1392	2398	0.10%	0.010%
7	7.183	691	697	709	rBV	61459	128472	5.36%	0.534%
8	7.353	719	726	741	rBV	193532	356292	14.87%	1.480%
9	7.565	754	762	776	rBV	230713	438332	18.29%	1.821%
10	8.035	835	842	853	rBV	235501	431386	18.00%	1.792%
11	8.740	955	962	973	rBV	182827	350960	14.65%	1.458%
12	9.198	1028	1040	1055	rBV	283982	525687	21.94%	2.184%
13	9.933	1155	1165	1177	rBV	237632	470073	19.62%	1.953%
14	10.473	1248	1257	1276	rBV	337964	719732	30.04%	2.990%
15	10.861	1314	1323	1331	rBV	331321	636382	26.56%	2.644%
16	10.990	1338	1345	1356	rVB	34497	73195	3.05%	0.304%
17	12.447	1589	1593	1601	rBV2	5716	10501	0.44%	0.044%
18	14.092	1866	1873	1878	rBV	709241	1080682	45.10%	4.489%
19	14.139	1878	1881	1889	rVB	65173	104369	4.36%	0.434%
20	14.386	1913	1923	1939	rBV2	839322	1412212	58.94%	5.866%
21	14.692	1968	1975	1993	rBV	539604	939949	39.23%	3.905%
22	14.886	2001	2008	2019	rBV2	39972	90451	3.78%	0.376%
23	15.109	2043	2046	2051	rVB5	3282	3908	0.16%	0.016%
24	15.432	2095	2101	2108	rBV	80626	120605	5.03%	0.501%
25	15.691	2137	2145	2158	rVV	1126488	1820171	75.97%	7.561%
26	15.802	2158	2164	2179	rVV	244182	415903	17.36%	1.728%
27	15.926	2179	2185	2191	rVV3	15274	26507	1.11%	0.110%
28	16.472	2274	2278	2282	rVB3	5097	7196	0.30%	0.030%
29	17.124	2385	2389	2395	rVB2	2244	3176	0.13%	0.013%
30	17.447	2436	2444	2454	rBV2	724043	1167356	48.72%	4.849%
31	17.547	2454	2461	2477	rVV2	1198929	1984498	82.83%	8.244%
32	17.700	2482	2487	2493	rBV5	7807	16227	0.68%	0.067%
33	18.340	2590	2596	2605	rBV3	48034	95947	4.00%	0.399%
34	18.405	2605	2607	2612	rVB4	3962	5603	0.23%	0.023%

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35	18.628	2644	2645	2649	rBV2	1964	2639	0.11%	0.011%
36	19.040	2714	2715	2719	rBV2	2421	2559	0.11%	0.011%
37	19.204	2740	2743	2748	rBV5	1408	2838	0.12%	0.012%
38	19.404	2772	2777	2780	rBV7	2869	4679	0.20%	0.019%
39	19.468	2784	2788	2792	rBV	17936	27233	1.14%	0.113%
40	19.609	2807	2812	2820	rBV6	10429	22505	0.94%	0.093%
41	19.721	2826	2831	2835	rBV	13879	21058	0.88%	0.087%
42	19.833	2843	2850	2866	rBV	1558344	2395982	100.00%	9.953%
43	20.056	2885	2888	2892	rBV2	7076	8546	0.36%	0.036%
44	20.367	2938	2941	2945	rVV6	5169	8425	0.35%	0.035%
45	20.720	2999	3001	3006	rBV6	4852	7643	0.32%	0.032%
46	20.796	3012	3014	3017	rVB4	5070	4820	0.20%	0.020%
47	20.867	3020	3026	3029	rBV4	18971	29466	1.23%	0.122%
48	21.378	3108	3113	3121	rBV3	79823	165176	6.89%	0.686%
49	21.731	3166	3173	3184	rBV	798131	1356200	56.60%	5.634%
50	21.936	3203	3208	3214	rBV	78182	113362	4.73%	0.471%
51	22.418	3288	3290	3292	rBV3	4923	4004	0.17%	0.017%
52	22.559	3308	3314	3320	rBV	126617	225350	9.41%	0.936%
53	23.270	3428	3435	3445	rVB	182683	355344	14.83%	1.476%
54	23.464	3462	3468	3477	rVB2	45774	95891	4.00%	0.398%
55	24.098	3568	3576	3588	rBV2	180704	428755	17.89%	1.781%
56	24.780	3681	3692	3707	rBV	769621	2242609	93.60%	9.316%
57	25.003	3719	3730	3737	rBV	421051	1219917	50.92%	5.068%
58	25.074	3737	3742	3756	rVB2	173753	470561	19.64%	1.955%
59	26.073	3910	3912	3916	rBV5	4980	6012	0.25%	0.025%
60	26.243	3929	3941	3953	rBV2	119690	383425	16.00%	1.593%
61	26.484	3980	3982	3984	rBV3	5469	4892	0.20%	0.020%
62	27.083	4082	4084	4085	rBV2	6623	3549	0.15%	0.015%
63	27.635	4167	4178	4190	rBV4	58478	231199	9.65%	0.960%
64	27.859	4214	4216	4218	rBV3	5211	2765	0.12%	0.011%
65	28.352	4299	4300	4301	rBV	5891	2610	0.11%	0.011%
66	28.716	4360	4362	4364	rBV3	5591	5889	0.25%	0.024%
67	28.816	4377	4379	4380	rBV2	5816	3845	0.16%	0.016%
68	29.316	4462	4464	4468	rBV4	9210	14280	0.60%	0.059%
69	32.530	5009	5011	5014	rVB4	5110	4356	0.18%	0.018%

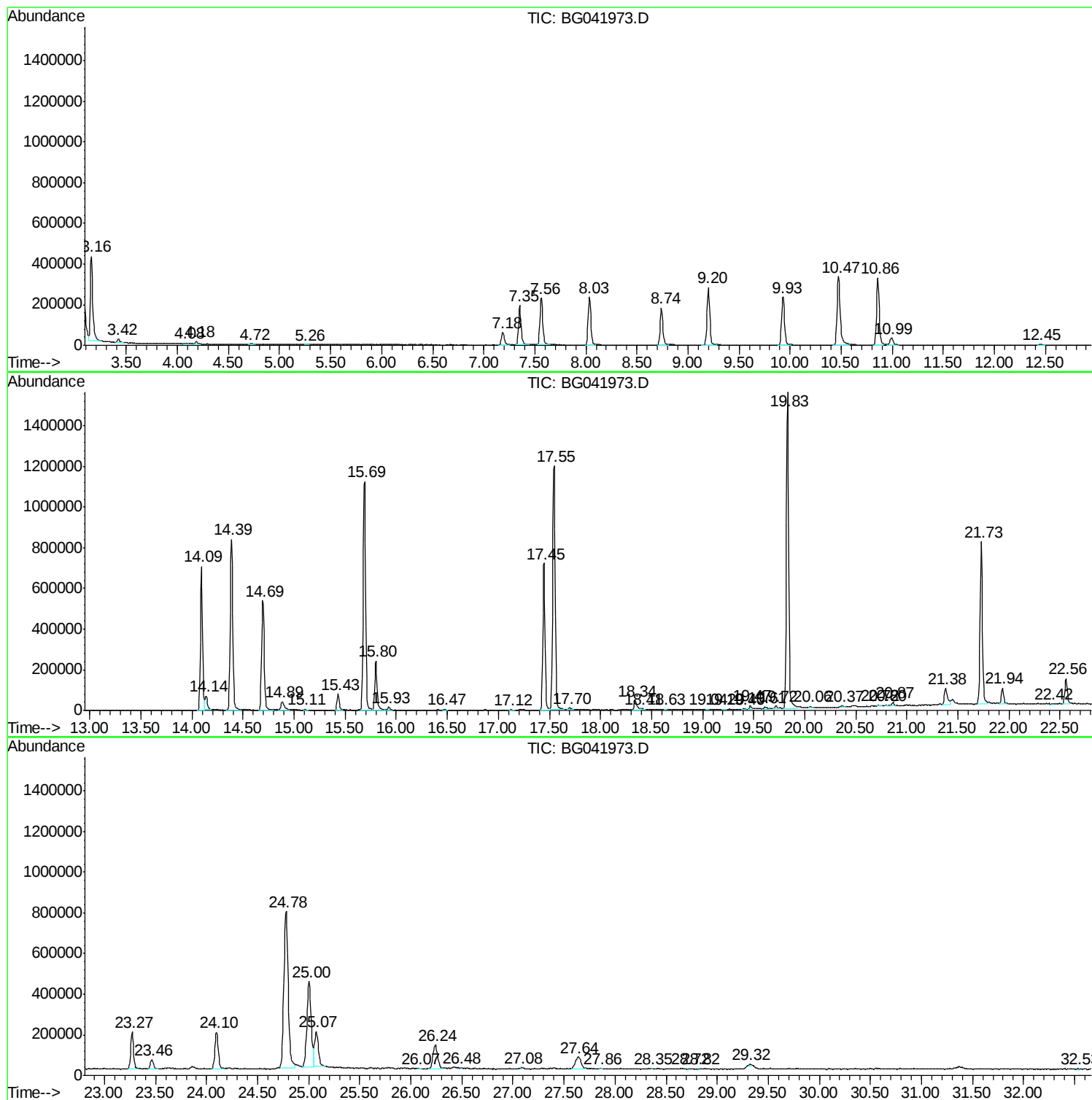
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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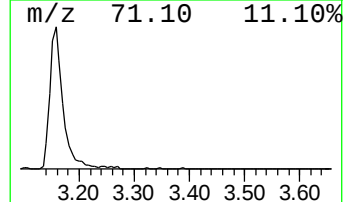
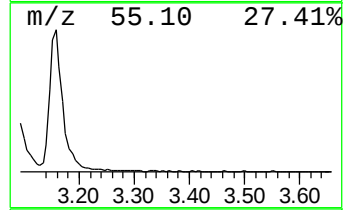
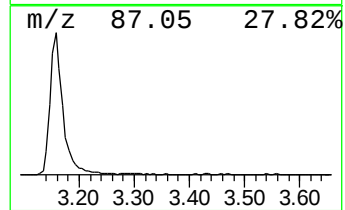
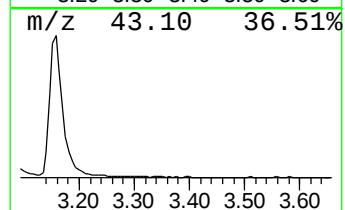
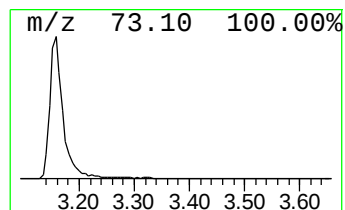
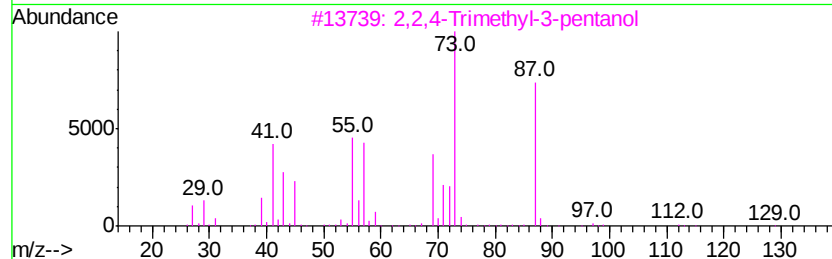
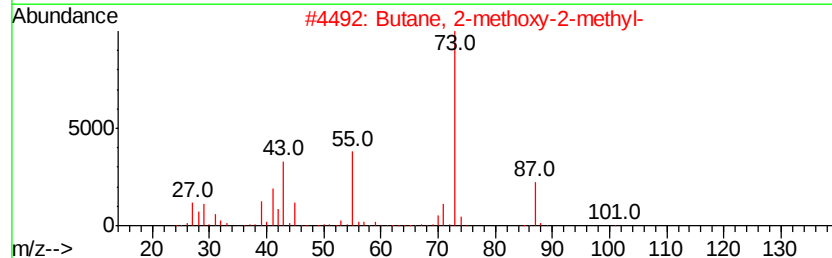
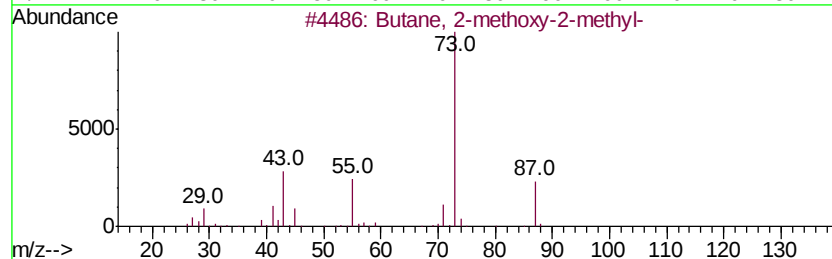
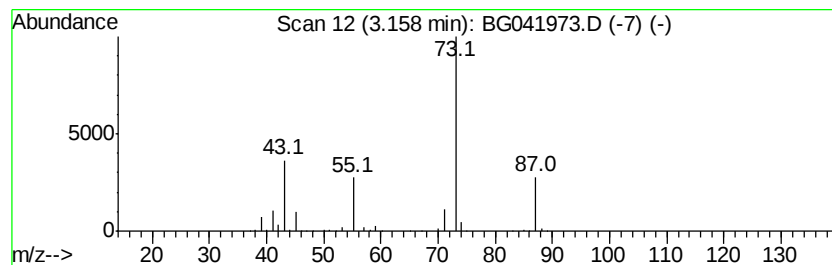
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	32.34 ng/ul	697510	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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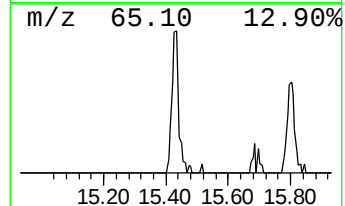
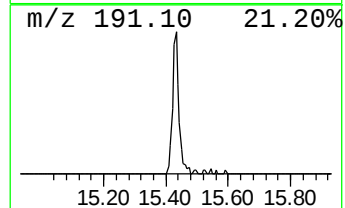
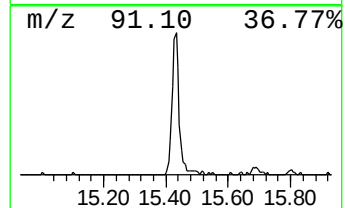
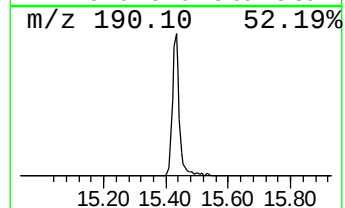
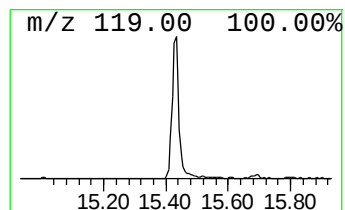
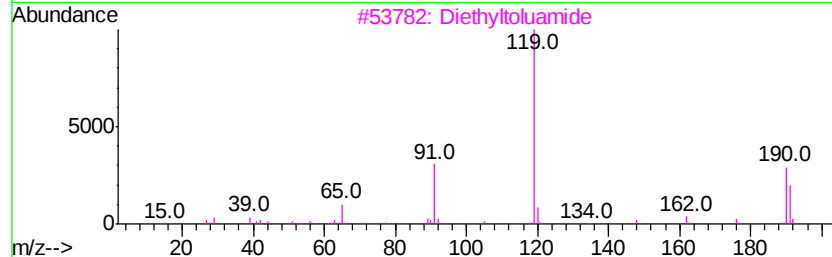
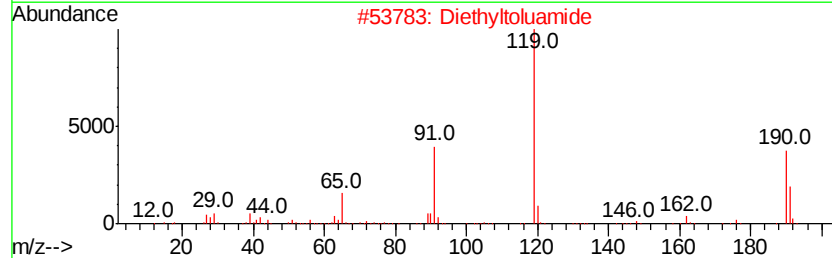
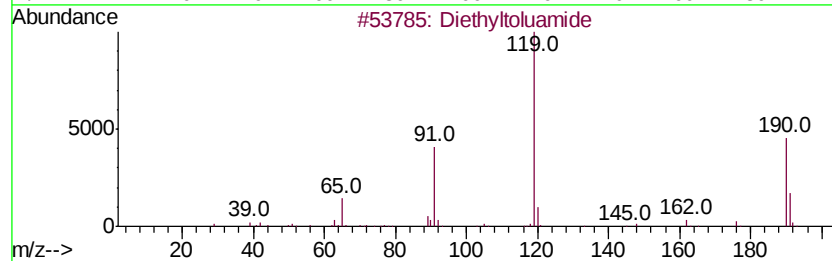
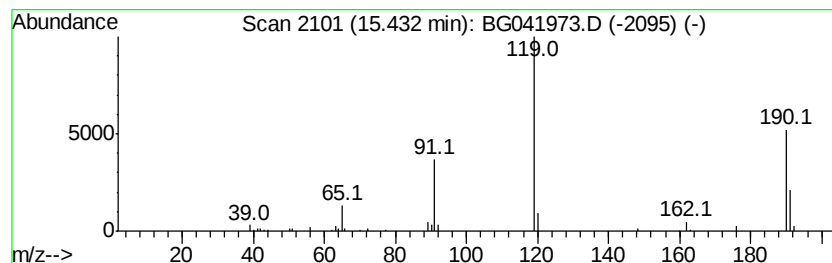
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Diethyltoluamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.57 ng/ul	120605	Acenaphthene-d10	14.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3 97
2	Diethyltoluamide	191	C12H17NO	000134-62-3 95
3	Diethyltoluamide	191	C12H17NO	000134-62-3 93
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4 87
5	Diethyltoluamide	191	C12H17NO	000134-62-3 76



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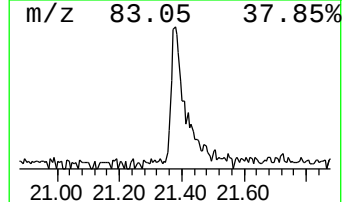
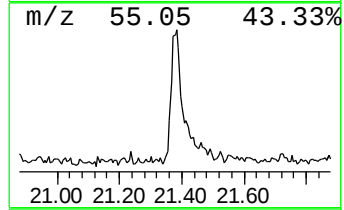
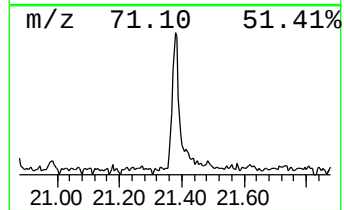
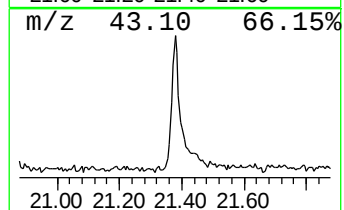
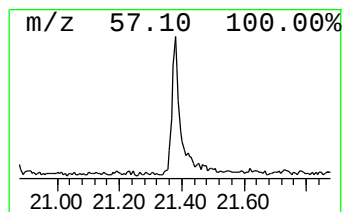
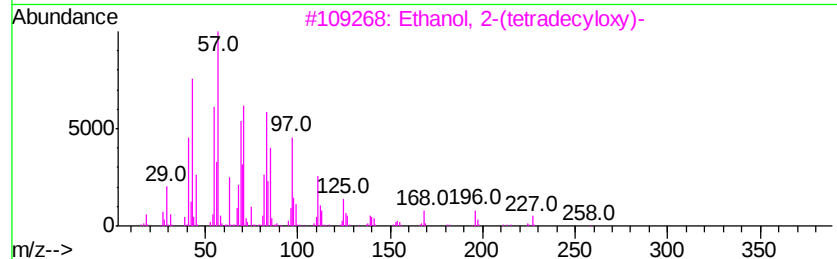
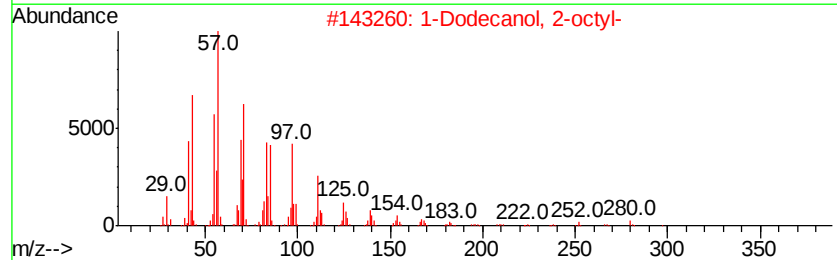
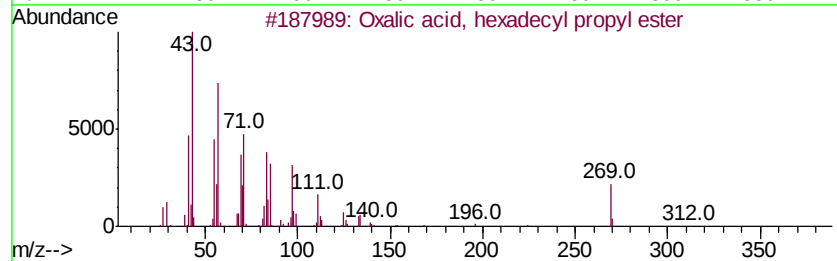
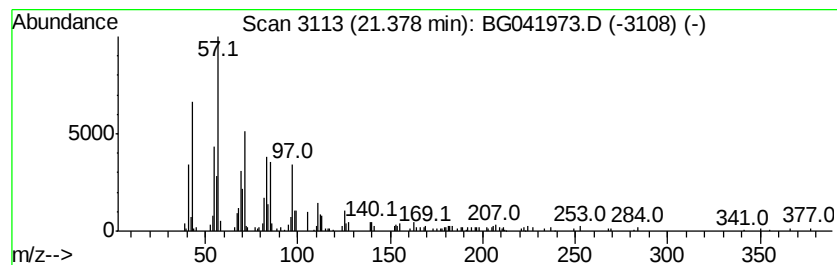
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Oxalic acid, hexadecyl prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	2.44 ng/ul	165176	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90
5		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	87



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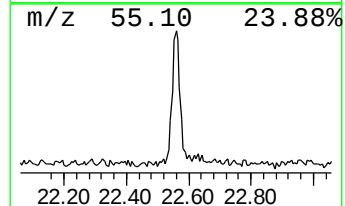
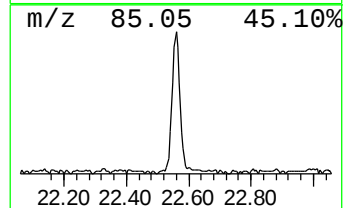
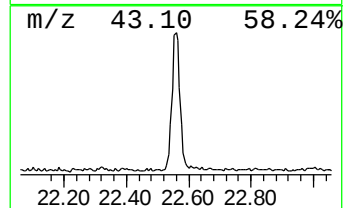
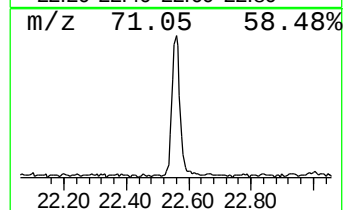
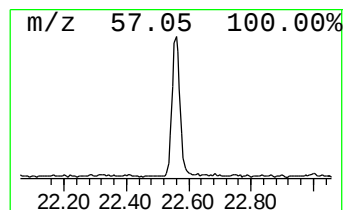
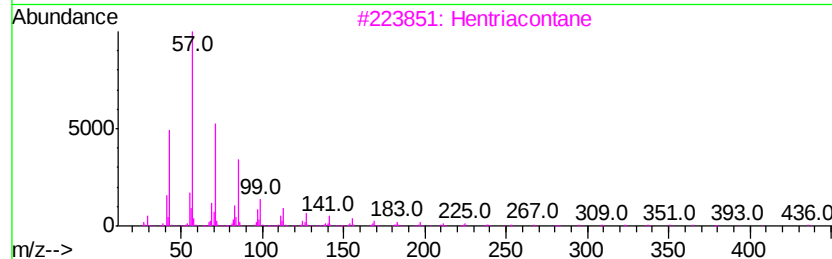
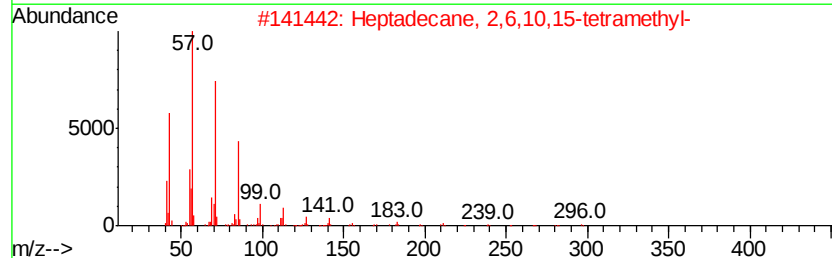
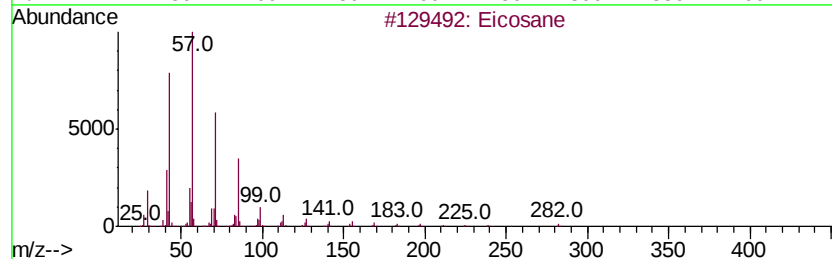
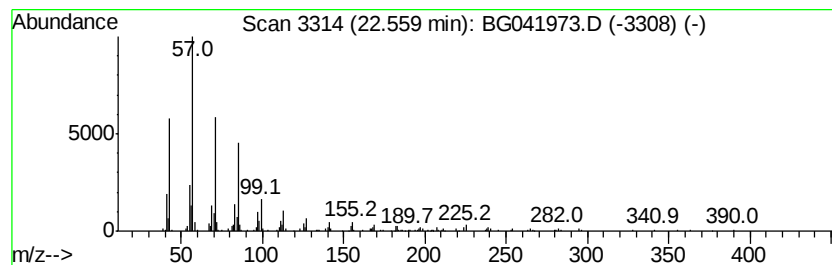
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	3.32 ng/ul	225350	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexacosane	366	C26H54	000630-01-3	90



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Sample : K3976-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0CA1

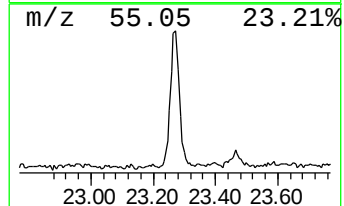
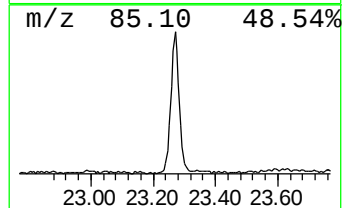
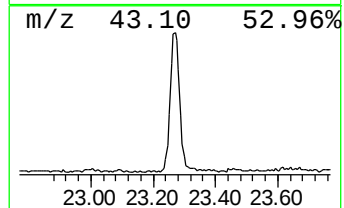
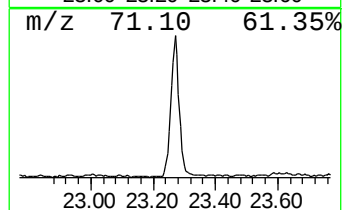
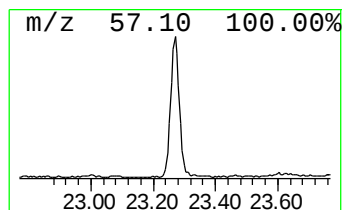
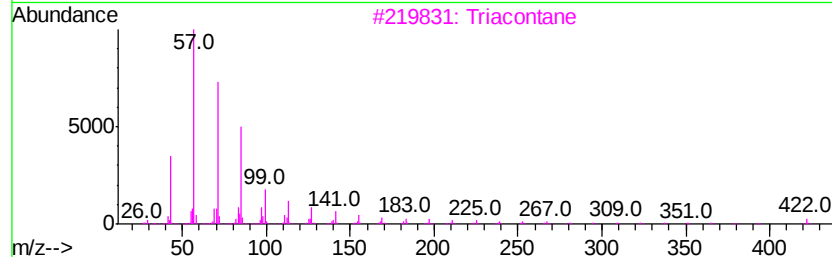
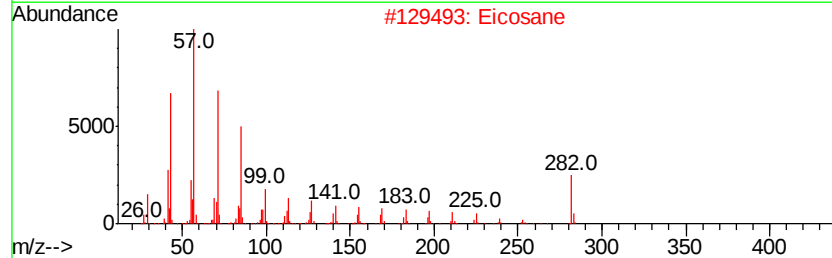
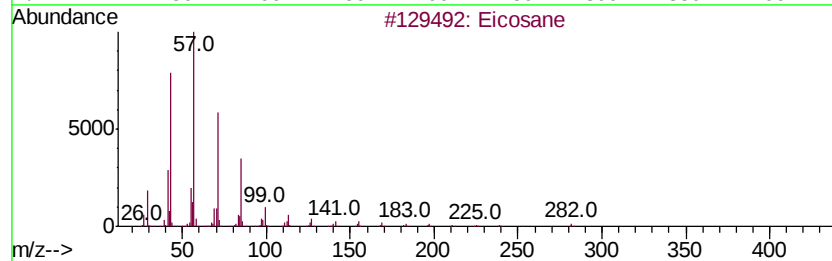
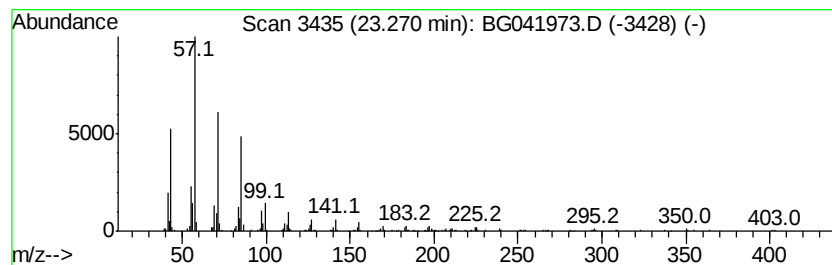
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	5.24 ng/ul	355344	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	91
3		Triacontane	422	C30H62	000638-68-6	90
4		Docosane	310	C22H46	000629-97-0	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041973.D
Acq On : 5 Aug 2019 20:01
Operator : HP/JU
Sample : K3976-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0CA1

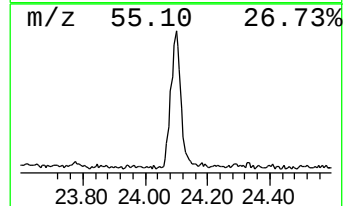
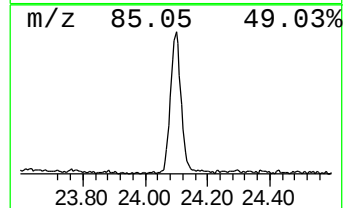
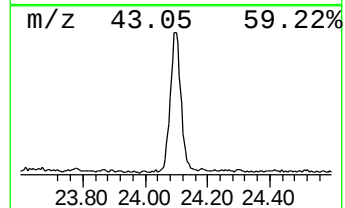
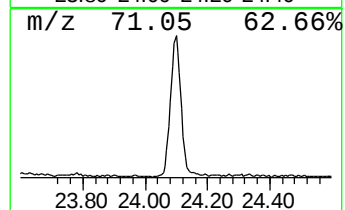
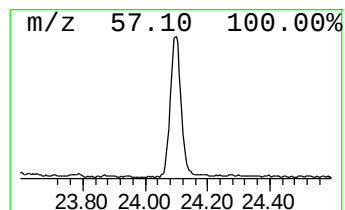
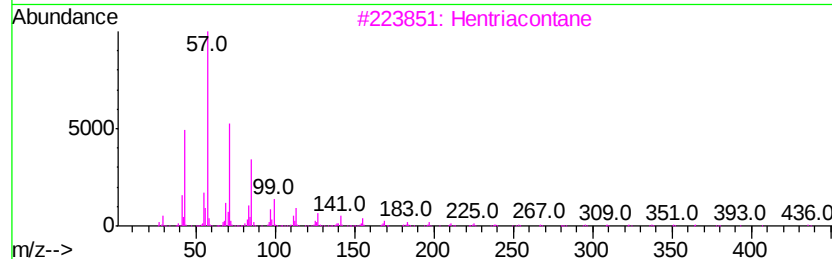
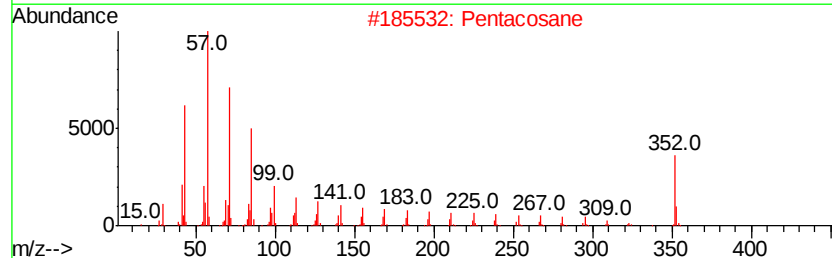
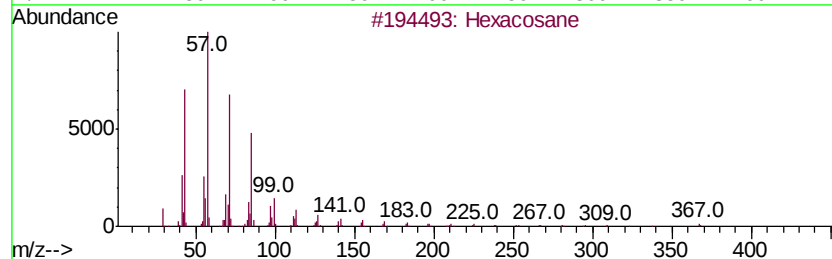
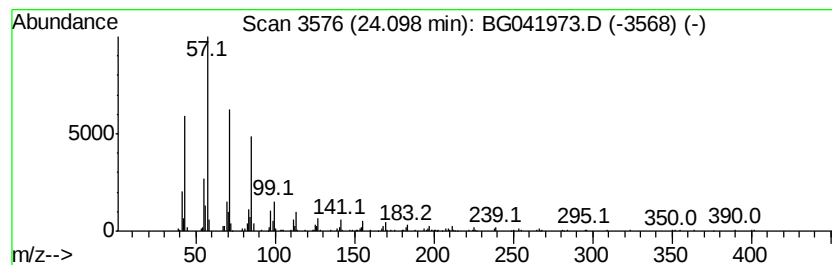
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
24.10	7.03 ng/ul	428755	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041973.D
Acq On : 5 Aug 2019 20:01
Operator : HP/JU
Sample : K3976-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0CA1

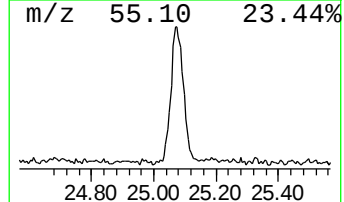
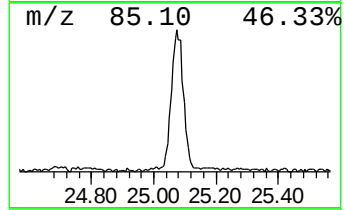
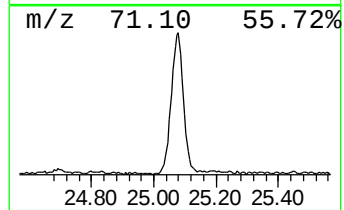
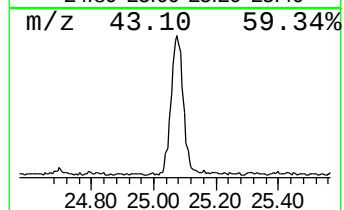
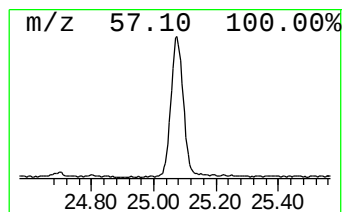
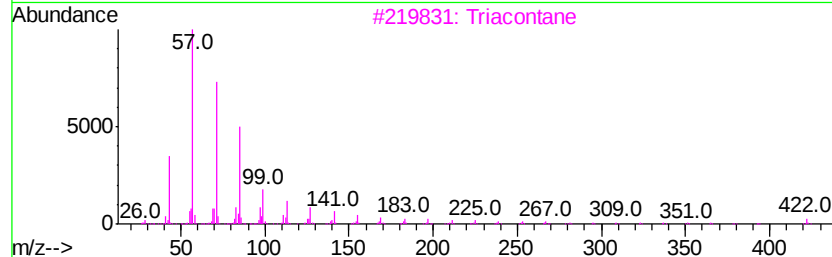
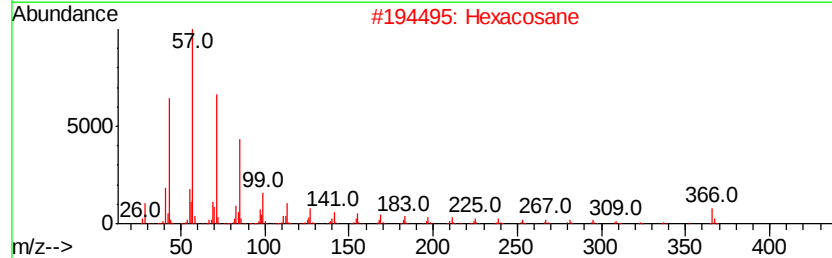
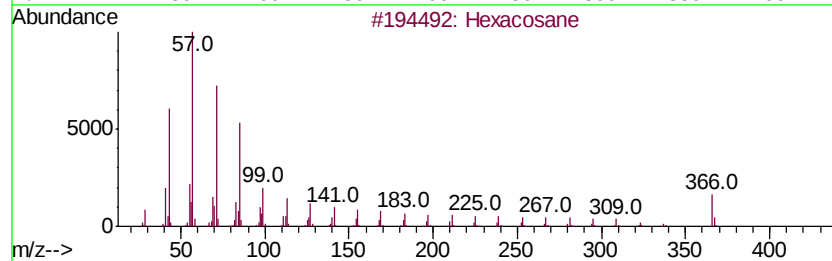
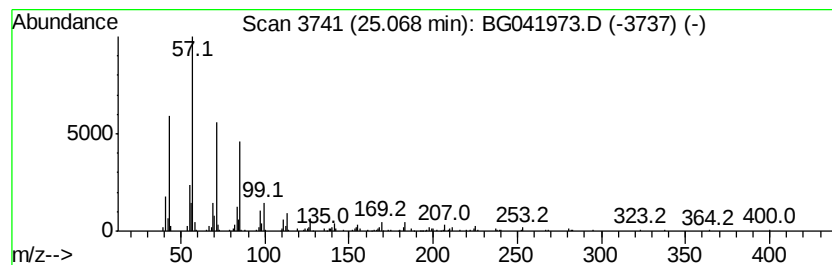
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
25.07	7.71 ng/ul	470561	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	95
2		Hexacosane	366	C26H54	000630-01-3	93
3		Triacontane	422	C30H62	000638-68-6	90
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041973.D
Acq On : 5 Aug 2019 20:01
Operator : HP/JU
Sample : K3976-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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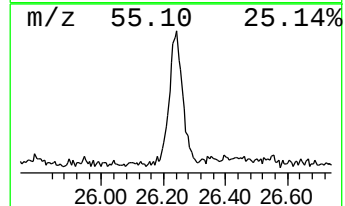
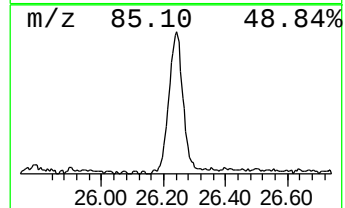
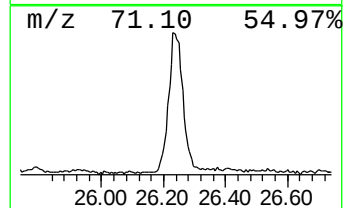
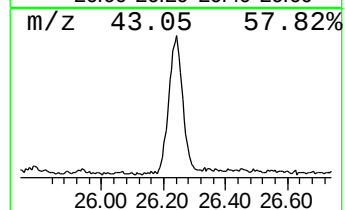
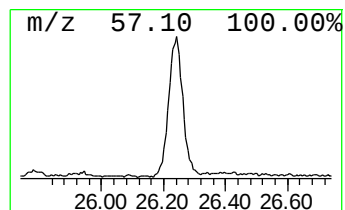
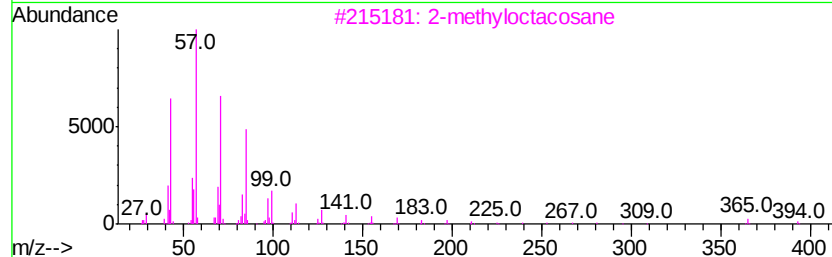
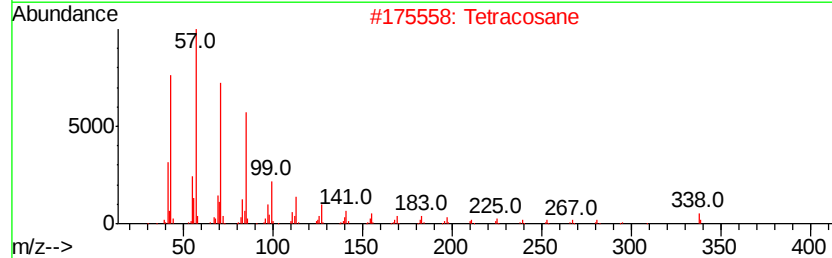
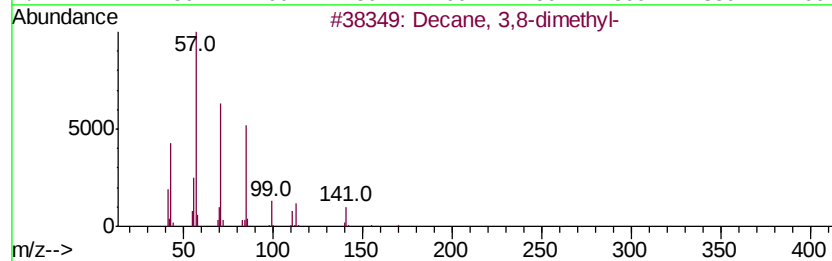
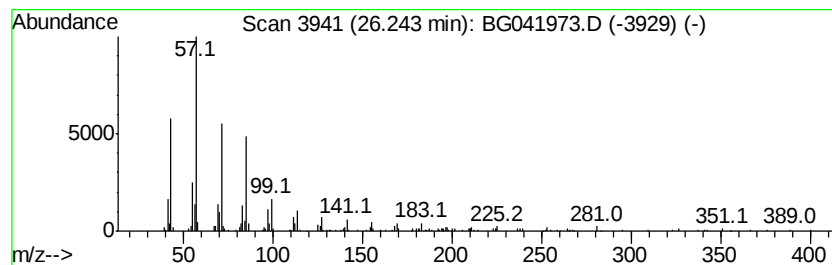
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.24	6.29 ng/ul	383425	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041973.D
Acq On : 5 Aug 2019 20:01
Operator : HP/JU
Sample : K3976-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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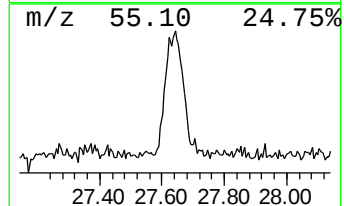
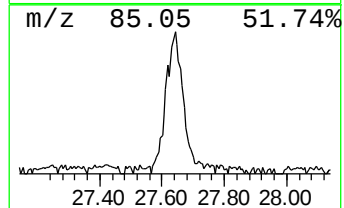
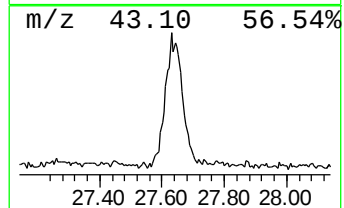
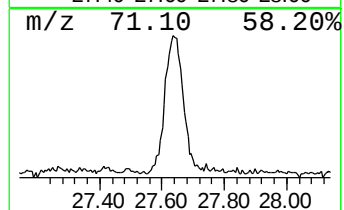
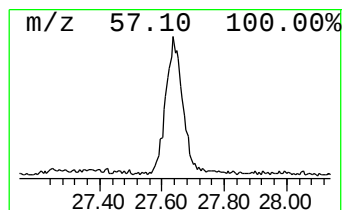
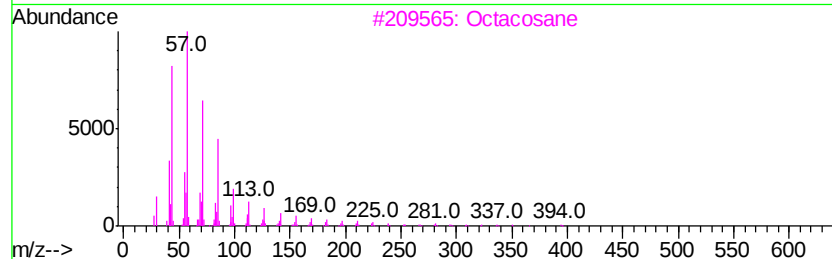
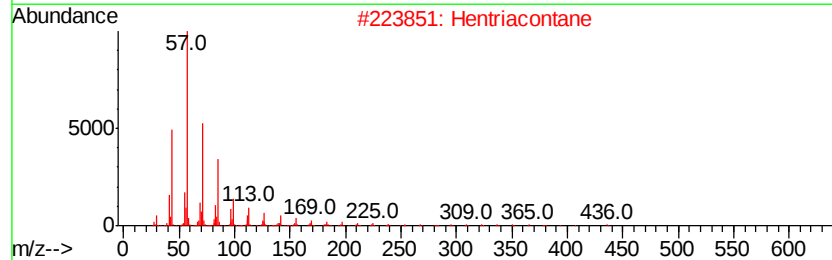
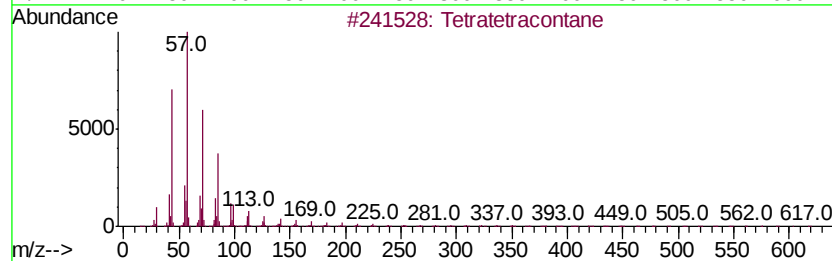
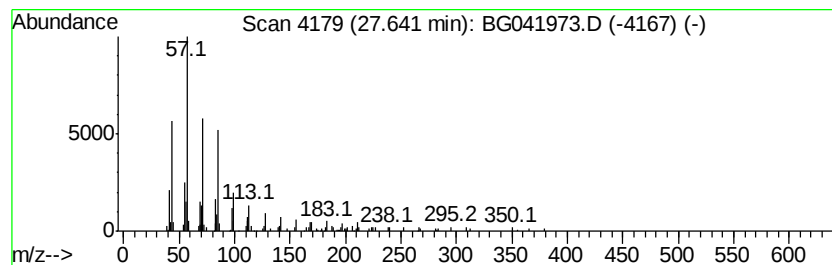
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.64	3.79 ng/ul	231199	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080519\
Data File : BG041973.D
Acq On : 5 Aug 2019 20:01
Operator : HP/JU
Sample : K3976-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0CA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	32.3	ng/ul	697510	1	8.03	431386	20.0
Diethyltoluamide	15.43	2.6	ng/ul	120605	3	14.69	939949	20.0
Oxalic acid, hexa...	21.38	2.4	ng/ul	165176	5	21.73	1356200	20.0
(DEL) Alkane: Str...	22.56	3.3	ng/ul	225350	5	21.73	1356200	20.0
(DEL) Alkane: Str...	23.27	5.2	ng/ul	355344	5	21.73	1356200	20.0
(DEL) Alkane: Str...	24.10	7.0	ng/ul	428755	6	25.00	1219920	20.0
(DEL) Alkane: Str...	25.07	7.7	ng/ul	470561	6	25.00	1219920	20.0
(DEL) Alkane: Str...	26.24	6.3	ng/ul	383425	6	25.00	1219920	20.0
(DEL) Alkane: Str...	27.64	3.8	ng/ul	231199	6	25.00	1219920	20.0