

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005438.D
 Acq On : 13 May 2016 18:55
 Operator : UM/SJ
 Sample : H2847-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD371

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.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	2.711	3	4	15	rVB	112074	126547	6.35%	0.522%
2	2.958	42	46	48	rBV	23890	29157	1.46%	0.120%
3	2.993	48	52	58	rVV	182411	244881	12.29%	1.010%
4	3.040	58	60	68	rVB2	15709	22418	1.13%	0.092%
5	3.763	177	183	191	rBV	27201	39395	1.98%	0.162%
6	6.928	713	721	735	rVB	175169	314620	15.79%	1.297%
7	7.087	740	748	756	rBV	133008	210974	10.59%	0.870%
8	7.287	776	782	793	rBV	178594	289179	14.51%	1.192%
9	7.751	852	861	872	rBV	226023	374063	18.77%	1.542%
10	8.463	976	982	993	rBV	199990	343837	17.25%	1.418%
11	8.581	997	1002	1008	rVB	13148	21814	1.09%	0.090%
12	8.910	1051	1058	1070	rBV	162831	281187	14.11%	1.159%
13	9.628	1173	1180	1190	rBV	142165	238582	11.97%	0.984%
14	10.169	1265	1272	1290	rBV	214068	405485	20.35%	1.672%
15	10.534	1327	1334	1350	rBV	353966	603169	30.27%	2.487%
16	10.692	1356	1361	1373	rBV	27844	60650	3.04%	0.250%
17	13.798	1883	1889	1894	rBV	476419	674422	33.84%	2.781%
18	13.845	1894	1897	1903	rVB	134875	189112	9.49%	0.780%
19	14.086	1931	1938	1948	rBV	517195	780482	39.17%	3.218%
20	14.245	1960	1965	1968	rBV	23467	40471	2.03%	0.167%
21	14.280	1968	1971	1976	rVB	25520	37052	1.86%	0.153%
22	14.392	1984	1990	1998	rVB2	557819	847223	42.52%	3.493%
23	14.627	2025	2030	2043	rBV	95610	224351	11.26%	0.925%
24	15.233	2129	2133	2140	rVB	35531	46800	2.35%	0.193%
25	15.386	2153	2159	2166	rBV	702194	1045236	52.45%	4.310%
26	15.521	2177	2182	2192	rBV	168006	243034	12.20%	1.002%
27	15.627	2195	2200	2207	rVB4	11635	23483	1.18%	0.097%
28	16.098	2275	2280	2292	rBV	38432	69792	3.50%	0.288%
29	16.892	2407	2415	2419	rBV2	26880	35718	1.79%	0.147%
30	17.145	2452	2458	2462	rBV2	739526	1117590	56.08%	4.608%
31	17.186	2462	2465	2469	rVV	240926	314830	15.80%	1.298%
32	17.239	2469	2474	2485	rVB2	765923	1166641	58.55%	4.810%
33	17.515	2514	2521	2526	rBV	166189	223124	11.20%	0.920%
34	17.557	2526	2528	2536	rVV	23781	36449	1.83%	0.150%

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35	18.033	2603	2609	2612	rBV2	81564	127984	6.42%	0.528%
36	18.068	2612	2615	2623	rVB2	40258	66263	3.33%	0.273%
37	18.215	2635	2640	2645	rBV3	45132	78997	3.96%	0.326%
38	18.251	2645	2646	2653	rVB	17407	20572	1.03%	0.085%
39	18.321	2653	2658	2663	rBV3	13307	21821	1.10%	0.090%
40	18.521	2687	2692	2697	rBV	25111	33915	1.70%	0.140%
41	18.574	2697	2701	2706	rVV	32735	45470	2.28%	0.187%
42	18.892	2748	2755	2761	rBV	271284	358358	17.98%	1.478%
43	18.945	2761	2764	2768	rVB2	13888	25676	1.29%	0.106%
44	19.092	2783	2789	2797	rVB5	28467	56074	2.81%	0.231%
45	19.204	2799	2808	2816	rBV	755696	1069593	53.68%	4.410%
46	19.315	2823	2827	2832	rBV4	21664	32661	1.64%	0.135%
47	19.433	2838	2847	2848	rBV6	14159	26615	1.34%	0.110%
48	19.456	2848	2851	2857	rVV2	32321	44014	2.21%	0.181%
49	19.539	2860	2865	2868	rVV	1120990	1658420	83.22%	6.838%
50	19.568	2868	2870	2879	rVV	610966	789944	39.64%	3.257%
51	19.651	2879	2884	2888	rVB2	24164	38597	1.94%	0.159%
52	19.756	2898	2902	2908	rVB	35430	50792	2.55%	0.209%
53	19.821	2908	2913	2920	rBV2	11579	26138	1.31%	0.108%
54	19.898	2921	2926	2927	rBV3	27879	38804	1.95%	0.160%
55	20.068	2944	2955	2961	rBV	93092	192103	9.64%	0.792%
56	20.168	2968	2972	2976	rBV	58636	71885	3.61%	0.296%
57	20.227	2976	2982	2985	rVV2	41443	73194	3.67%	0.302%
58	20.262	2985	2988	2992	rVB	28880	38300	1.92%	0.158%
59	20.309	2992	2996	3000	rVB4	13009	20691	1.04%	0.085%
60	20.368	3002	3006	3009	rBV2	23891	33548	1.68%	0.138%
61	20.409	3009	3013	3019	rVB4	54753	82101	4.12%	0.339%
62	20.827	3080	3084	3088	rBV	39965	54845	2.75%	0.226%
63	20.986	3107	3111	3114	rBV	66983	88442	4.44%	0.365%
64	21.027	3114	3118	3122	rVV2	297581	418426	21.00%	1.725%
65	21.062	3122	3124	3130	rVV2	78452	139102	6.98%	0.574%
66	21.121	3131	3134	3144	rVB	51050	80026	4.02%	0.330%
67	21.239	3150	3154	3158	rVB2	53939	66566	3.34%	0.274%
68	21.339	3161	3171	3174	rVV2	1177545	1992697	100.00%	8.216%
69	21.374	3174	3177	3186	rVB	363182	503772	25.28%	2.077%
70	21.492	3193	3197	3201	rVB	82112	106646	5.35%	0.440%
71	21.556	3205	3208	3211	rBV2	17566	25888	1.30%	0.107%

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72	21.662	3221	3226	3232	rBV3	42882	90930	4.56%	0.375%
73	21.903	3263	3267	3269	rBV2	37387	57367	2.88%	0.237%
74	21.927	3269	3271	3282	rVB3	51465	107339	5.39%	0.443%
75	22.098	3297	3300	3302	rBV	23176	32534	1.63%	0.134%
76	22.374	3344	3347	3355	rBV5	26636	51006	2.56%	0.210%
77	22.503	3366	3369	3375	rVB3	26237	35754	1.79%	0.147%
78	22.880	3429	3433	3436	rBV	82291	113704	5.71%	0.469%
79	22.927	3436	3441	3446	rBV	322893	693796	34.82%	2.861%
80	23.103	3467	3471	3477	rVB2	39717	62013	3.11%	0.256%
81	23.409	3518	3523	3526	rBV	172430	293370	14.72%	1.210%
82	23.462	3526	3532	3536	rVV	562965	1109041	55.66%	4.573%
83	23.509	3536	3540	3549	rVB	221440	404894	20.32%	1.669%
84	23.603	3550	3556	3562	rBV	533774	1041390	52.26%	4.294%
85	24.097	3635	3640	3647	rVB2	89400	174426	8.75%	0.719%
86	24.186	3650	3655	3663	rVB5	57898	125850	6.32%	0.519%
87	25.897	3940	3946	3959	rVB2	107994	325230	16.32%	1.341%
88	26.603	4061	4066	4083	rVB2	60661	214337	10.76%	0.884%

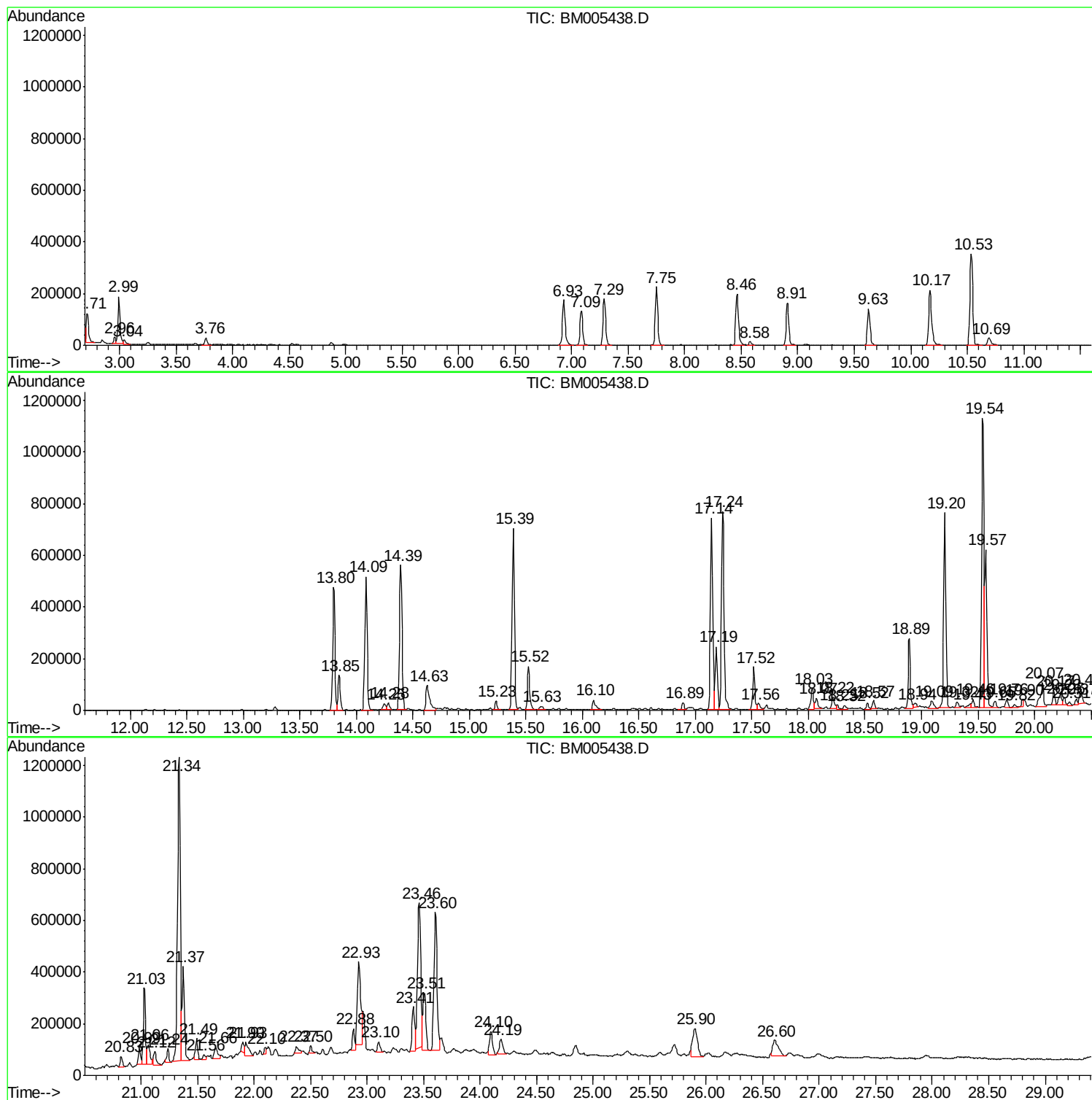
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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



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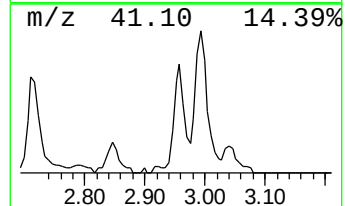
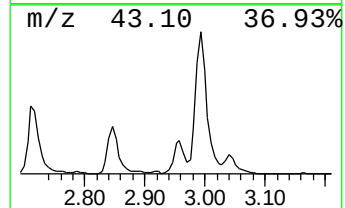
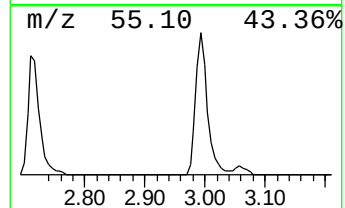
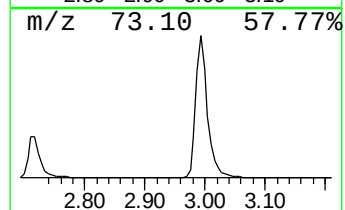
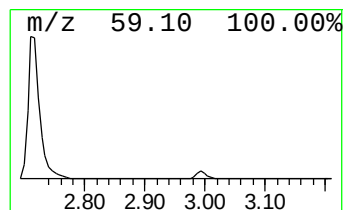
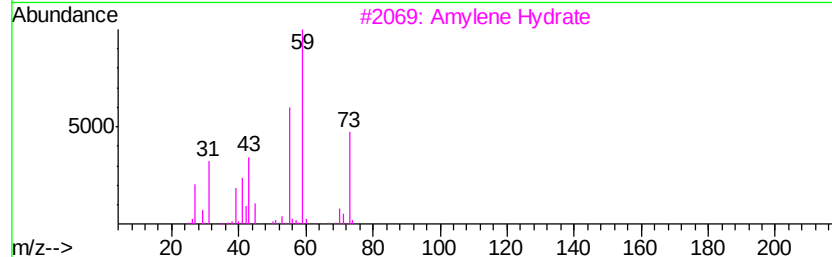
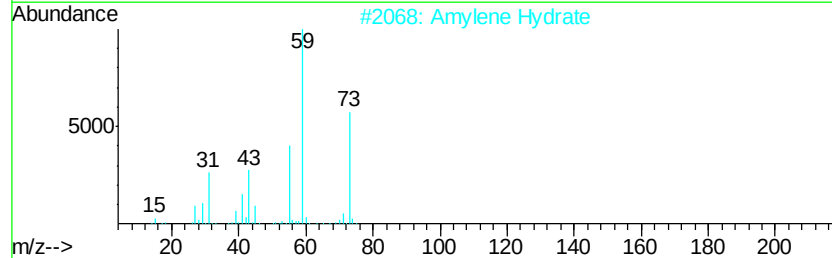
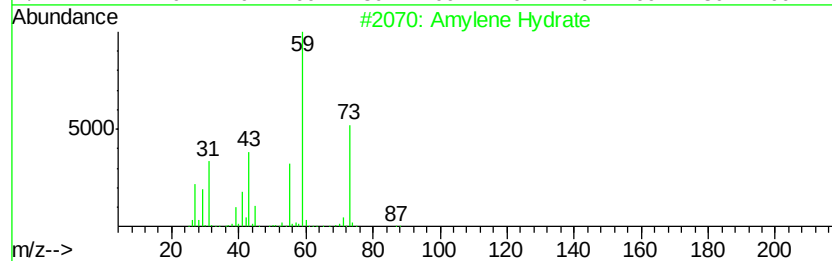
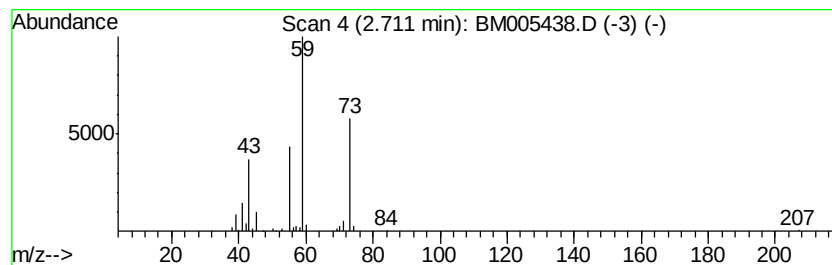
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Amylene Hydrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	6.77 ng/ul	126547	1,4-Dichlorobenzene-d4	7.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Amylene Hydrate	88	C5H12O	000075-85-4	83
2			Amylene Hydrate	88	C5H12O	000075-85-4	83
3			Amylene Hydrate	88	C5H12O	000075-85-4	56
4			1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	56
5			Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	42



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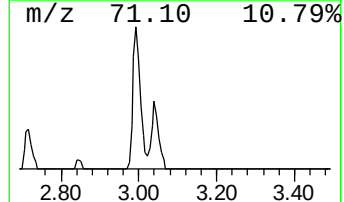
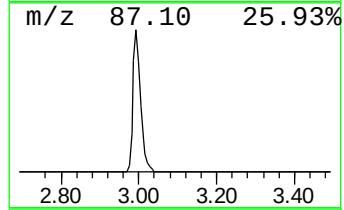
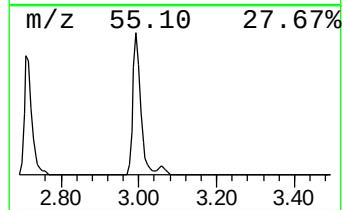
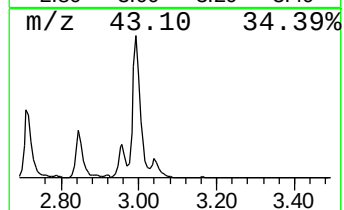
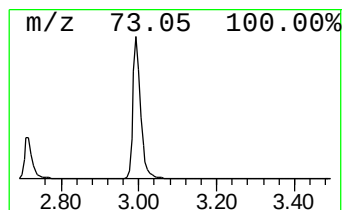
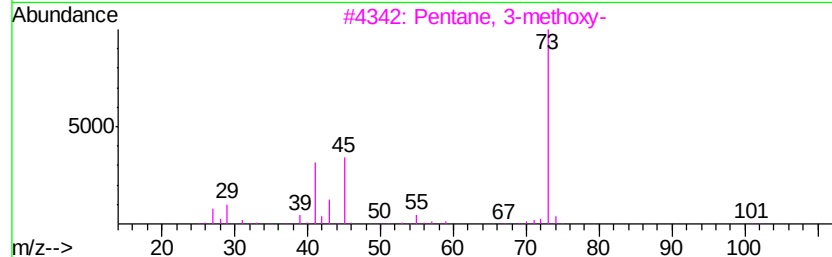
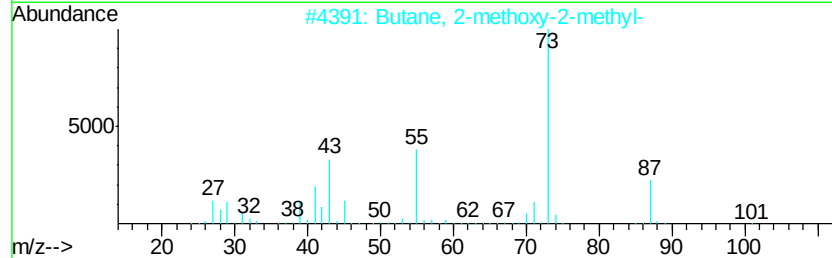
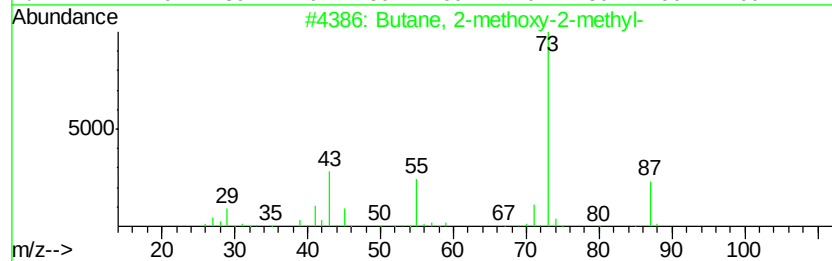
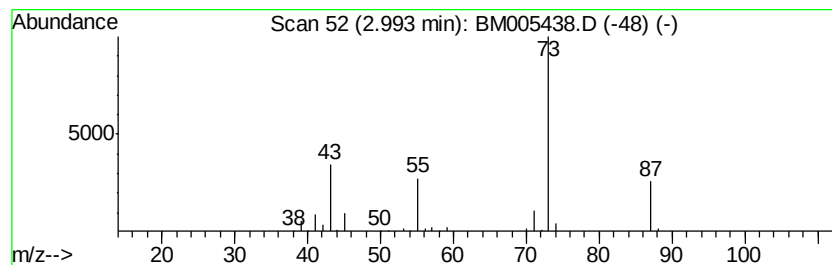
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	13.09 ng/ul	244881	1,4-Dichlorobenzene-d4	7.75

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	45
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9



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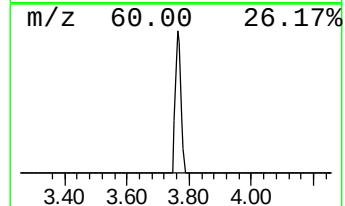
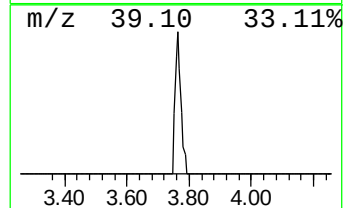
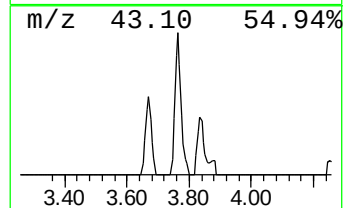
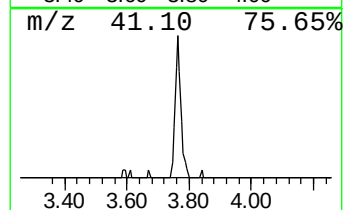
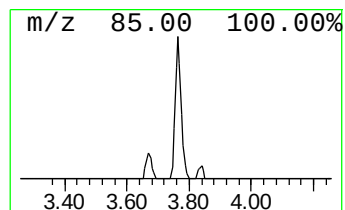
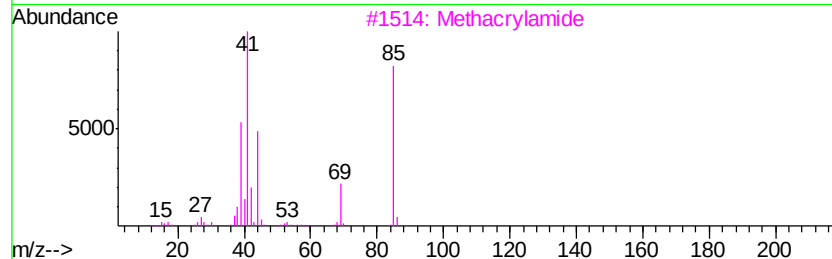
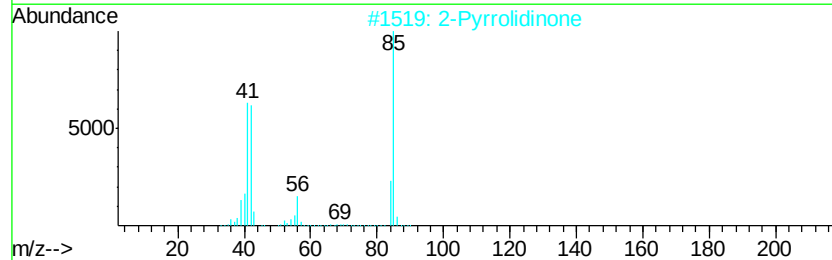
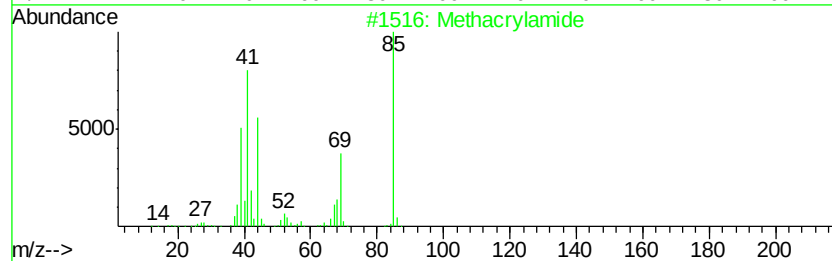
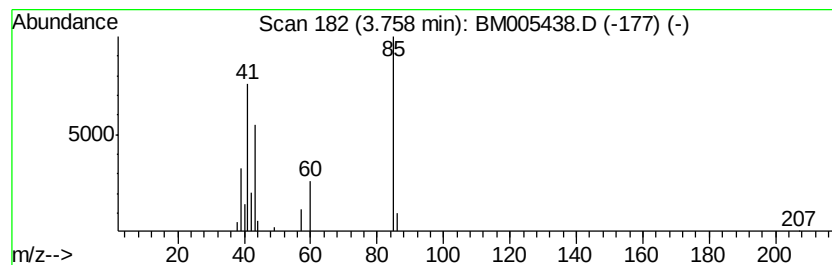
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	2.11 ng/ul	39395	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methacrylamide	85	C4H7NO	000079-39-0	38
2		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3		Methacrylamide	85	C4H7NO	000079-39-0	7
4		2-Pyrrolidinone	85	C4H7NO	000616-45-5	7
5		Methacrylamide	85	C4H7NO	000079-39-0	7



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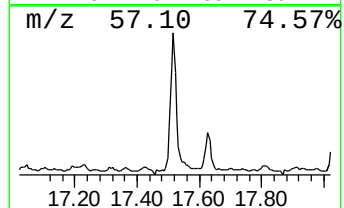
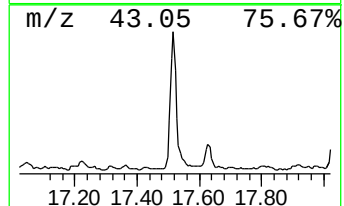
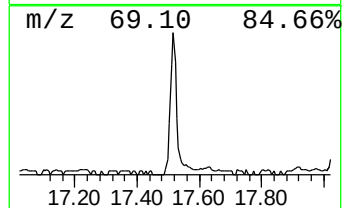
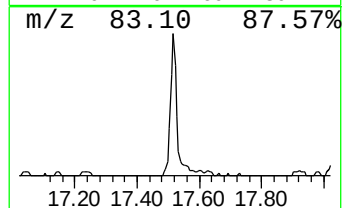
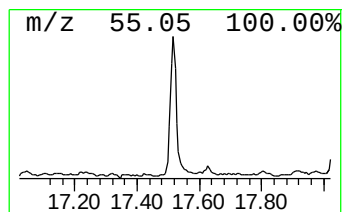
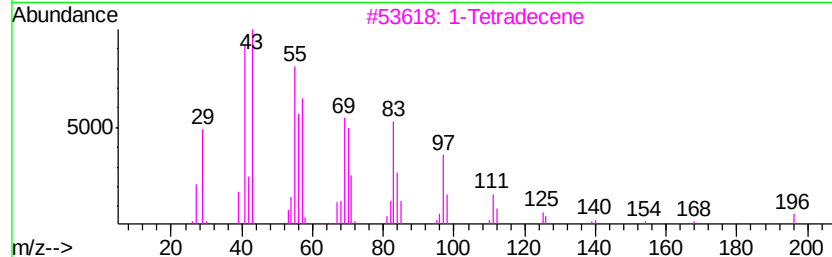
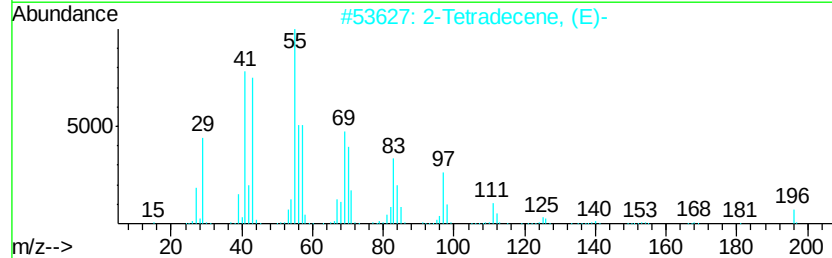
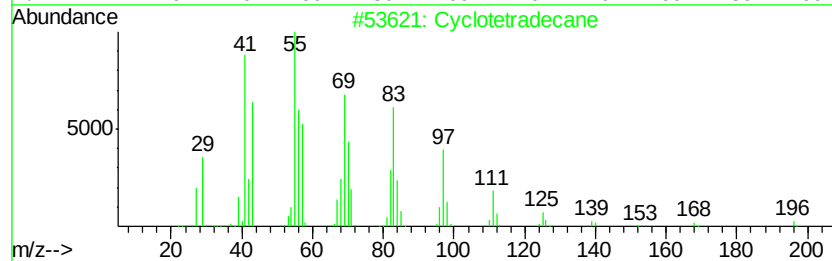
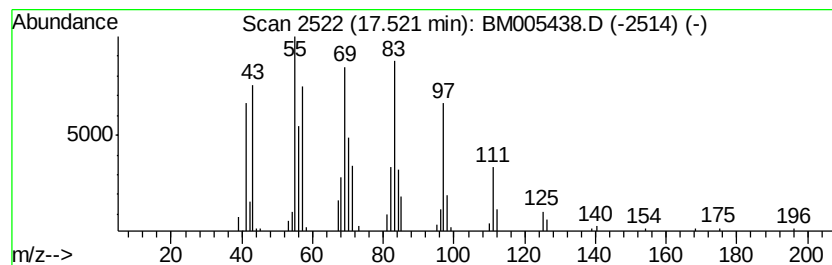
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic-17.52 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	3.99 ng/ul	223124	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	98
2		2-Tetradecene, (E)-	196	C14H28	035953-53-8	96
3		1-Tetradecene	196	C14H28	001120-36-1	95
4		1-Hexadecanol	242	C16H34O	036653-82-4	94
5		5-Octadecene, (E)-	252	C18H36	007206-21-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005438.D
Acq On : 13 May 2016 18:55
Operator : UM/SJ
Sample : H2847-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

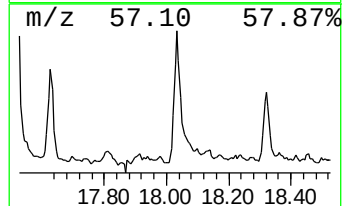
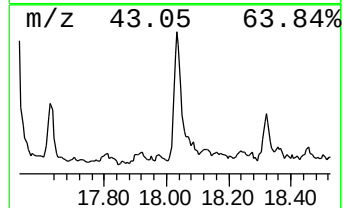
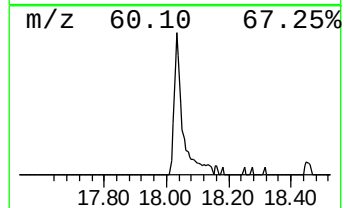
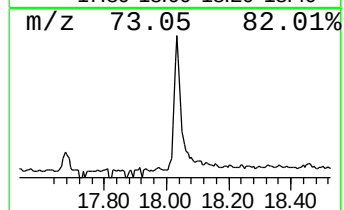
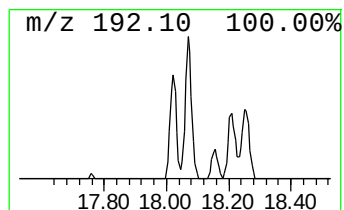
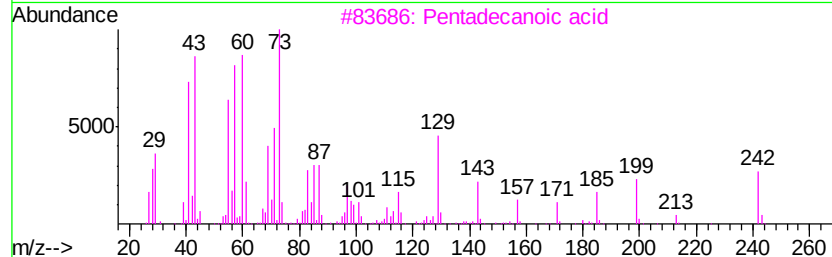
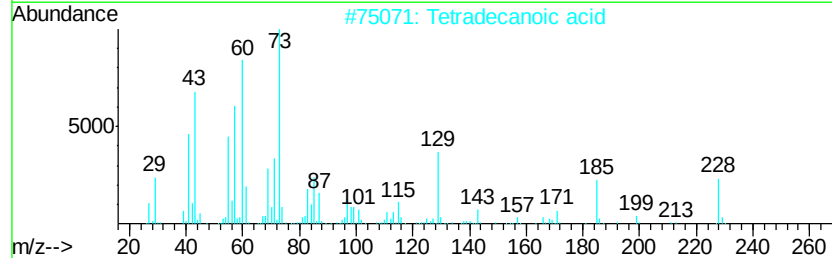
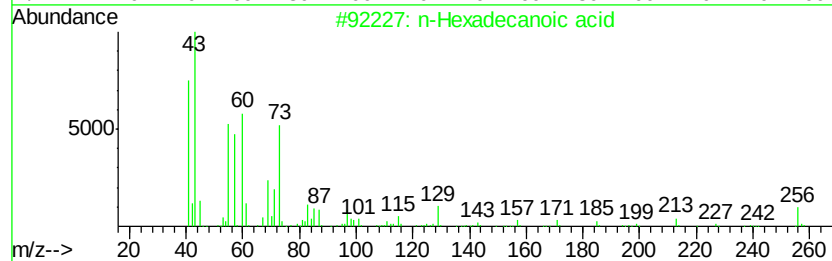
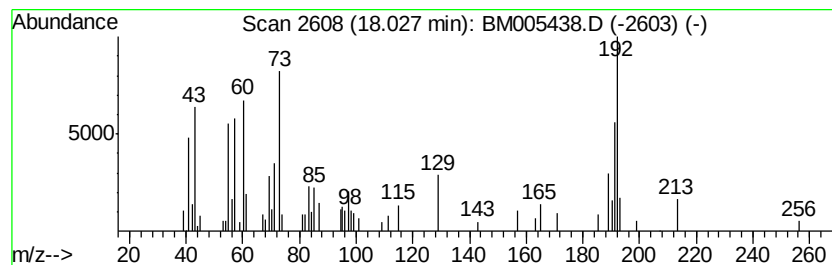
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.03	2.29 ng/ul	127984	Phenanthrene-d10		17.14	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	58
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	53
4	Tridecanoic acid		214	C13H26O2	000638-53-9	52
5	n-Decanoic acid		172	C10H20O2	000334-48-5	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
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Acq On : 13 May 2016 18:55
Operator : UM/SJ
Sample : H2847-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

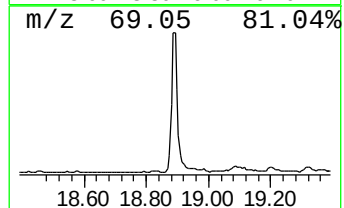
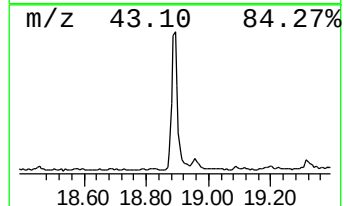
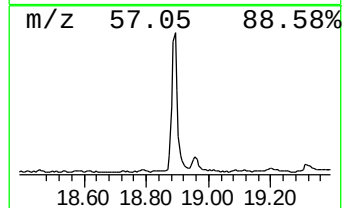
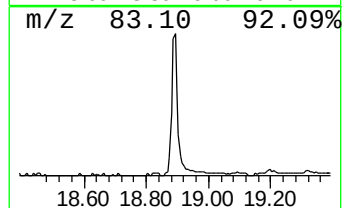
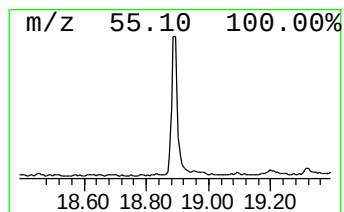
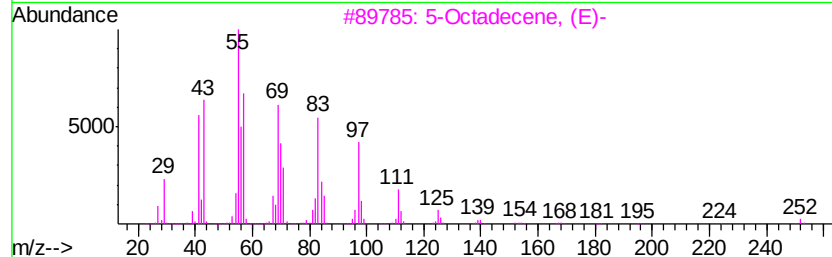
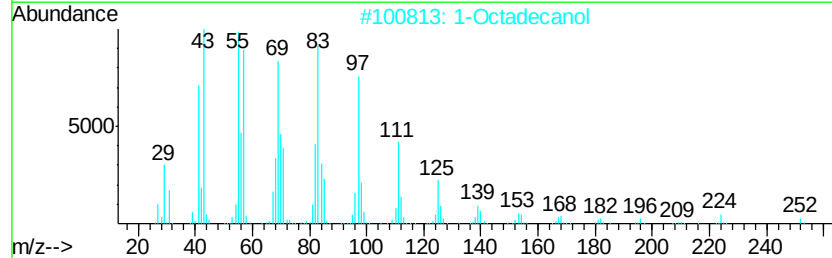
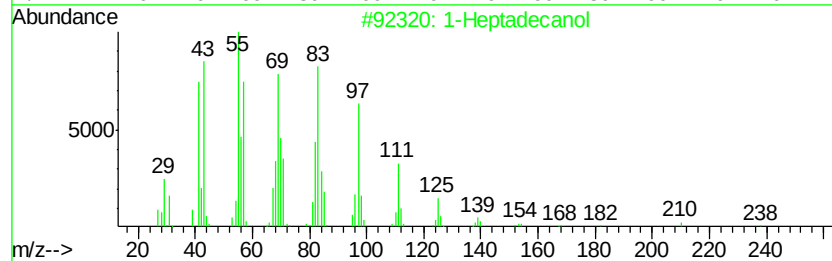
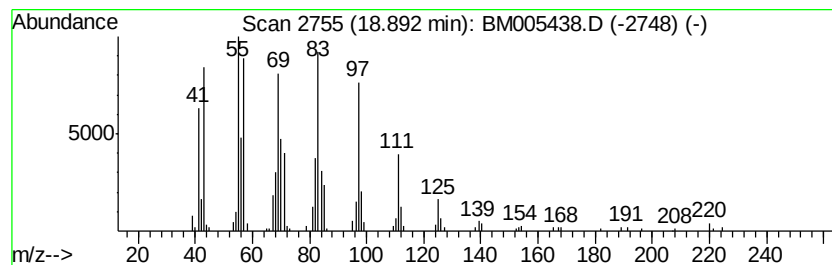
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Heptadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.89	6.41 ng/ul	358358	Phenanthrene-d10	17.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	95
2	1-Octadecanol	270	C18H38O	000112-92-5	94
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005438.D
Acq On : 13 May 2016 18:55
Operator : UM/SJ
Sample : H2847-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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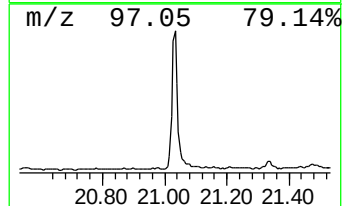
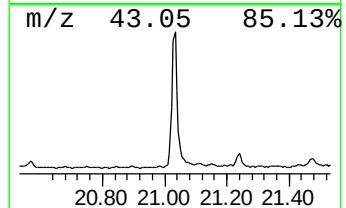
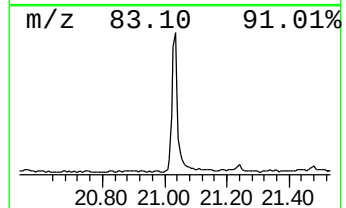
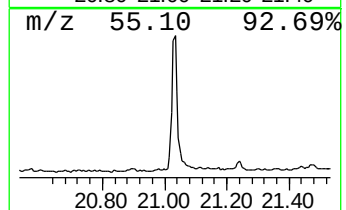
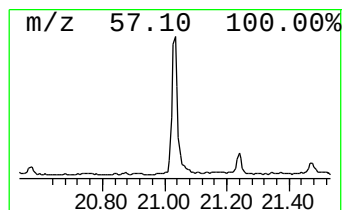
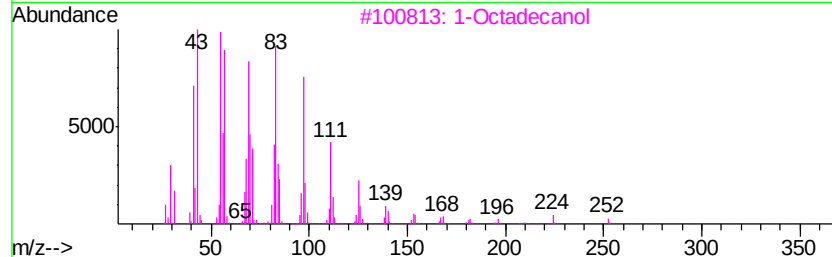
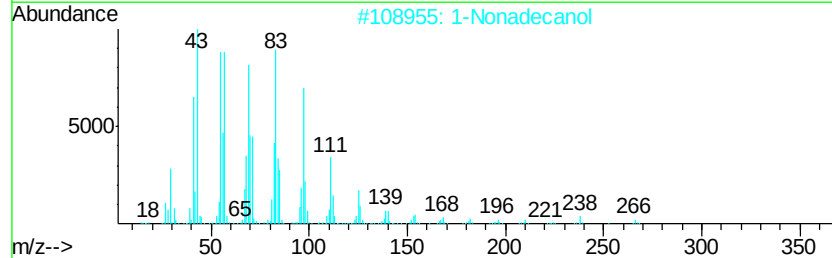
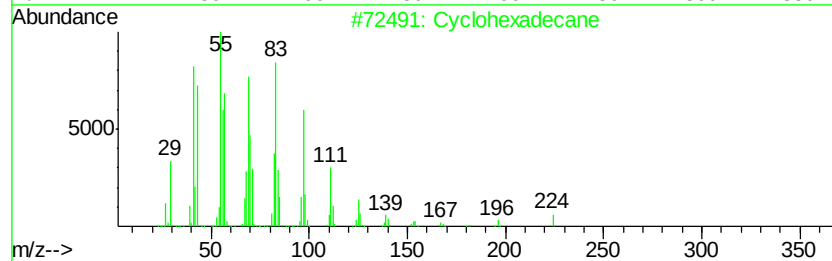
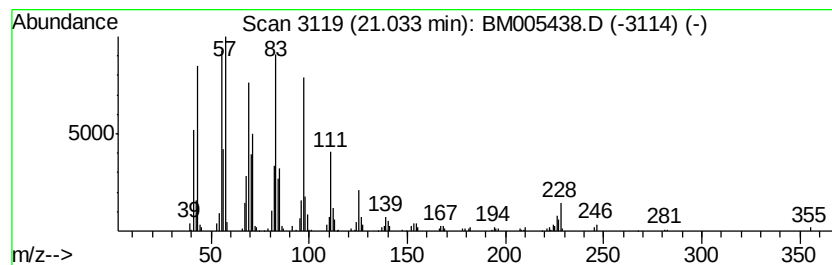
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic-21.03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	4.20 ng/ul	418426	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	94
2		1-Nonadecanol	284	C19H40O	001454-84-8	93
3		1-Octadecanol	270	C18H38O	000112-92-5	93
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	81
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005438.D
Acq On : 13 May 2016 18:55
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Instrument :
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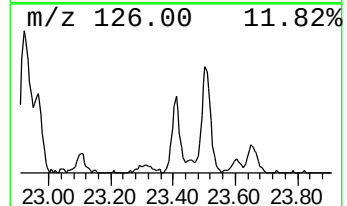
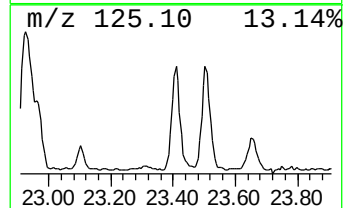
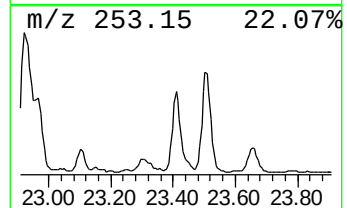
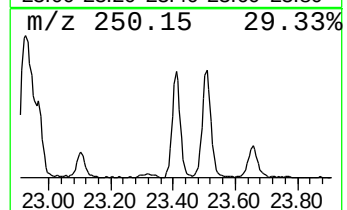
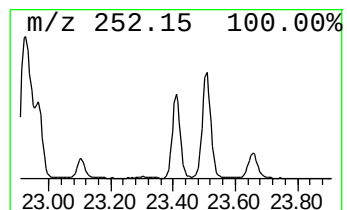
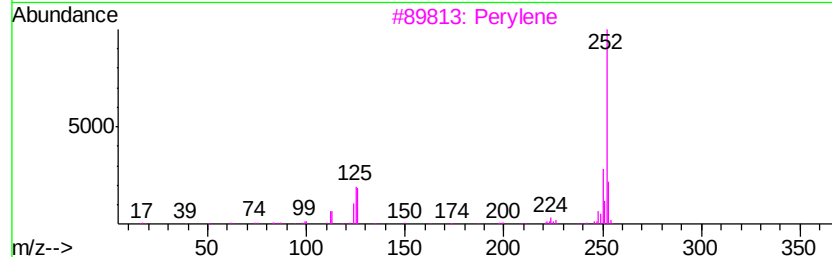
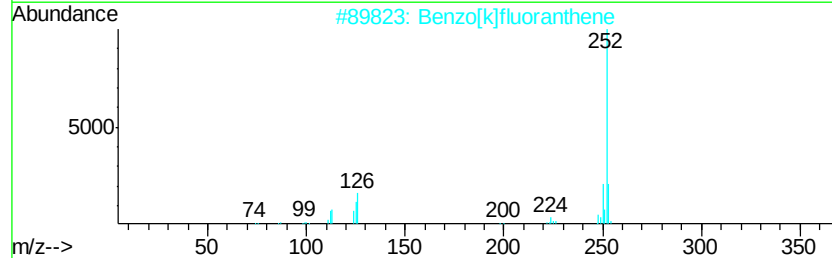
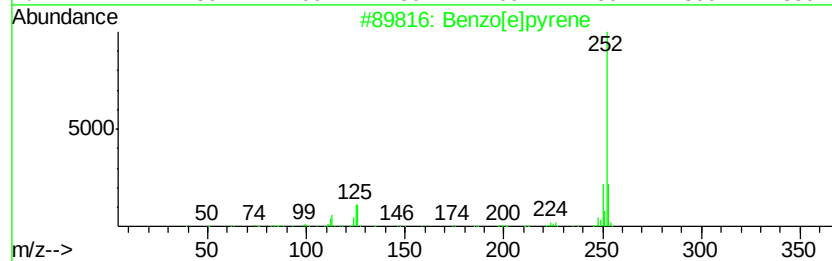
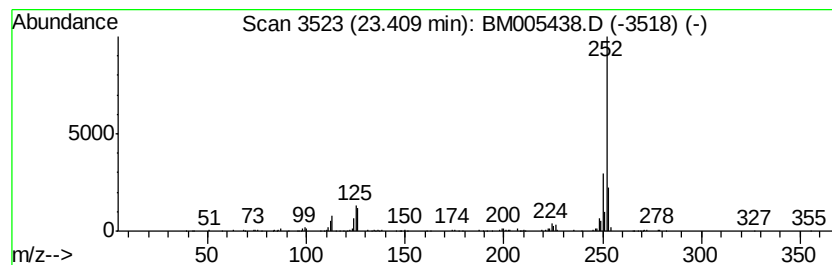
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.41	5.63 ng/ul	293370	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	95
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005438.D
Acq On : 13 May 2016 18:55
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Sample : H2847-02
Misc :
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Instrument :
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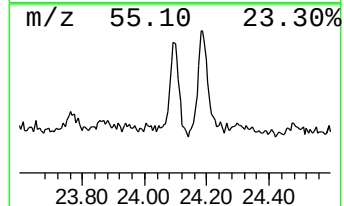
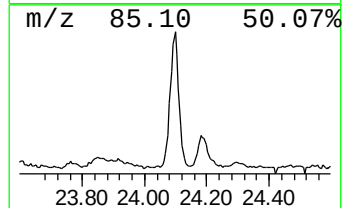
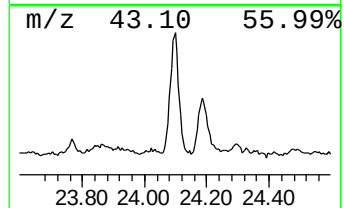
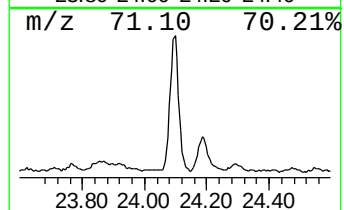
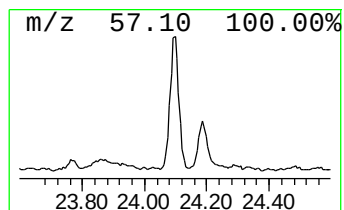
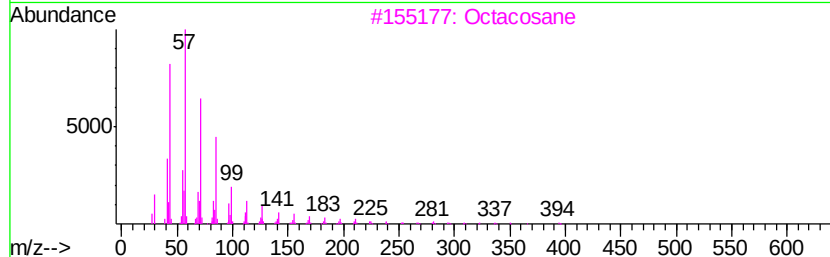
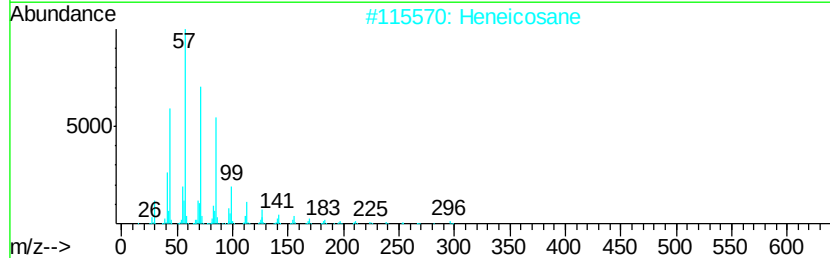
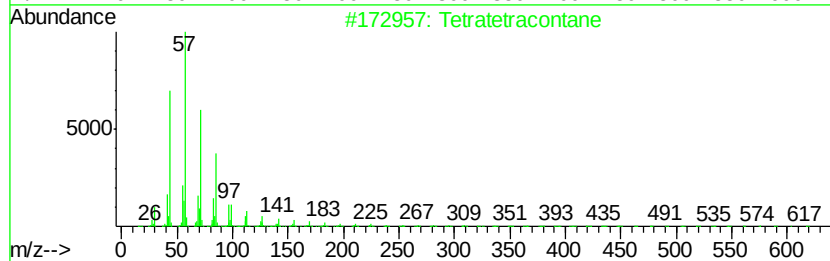
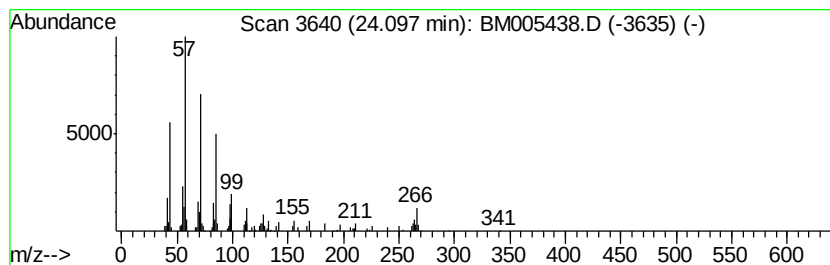
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	3.35 ng/ul	174426	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Heneicosane	296	C21H44	000629-94-7	87
3		Octacosane	394	C28H58	000630-02-4	87
4		triacontane	422	C30H62	000638-68-6	87
5		Tetratriacontane	479	C34H70	014167-59-0	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005438.D
Acq On : 13 May 2016 18:55
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Sample : H2847-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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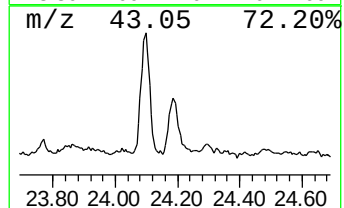
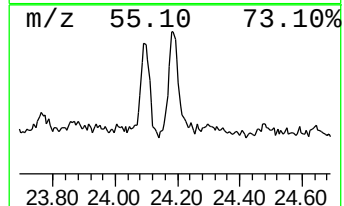
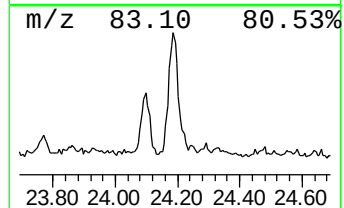
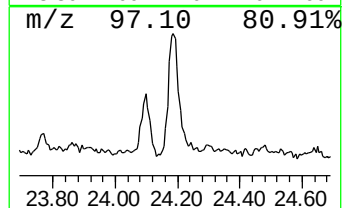
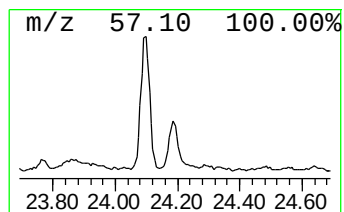
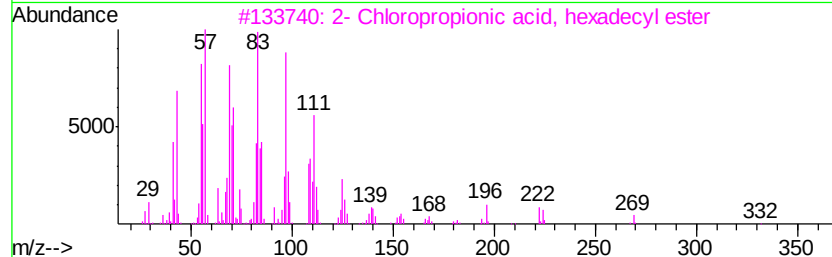
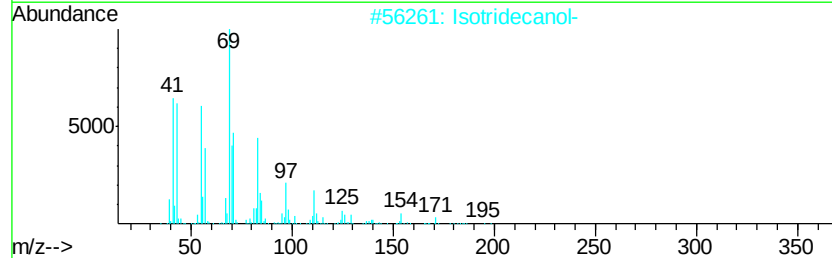
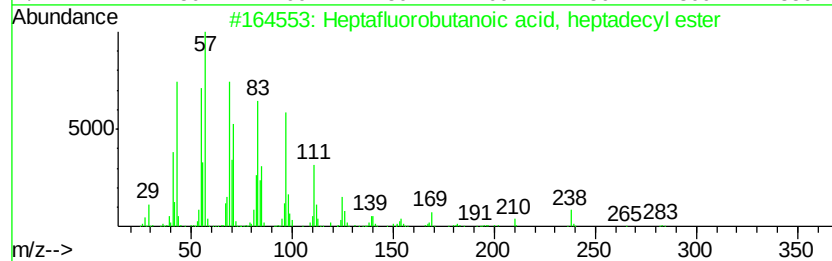
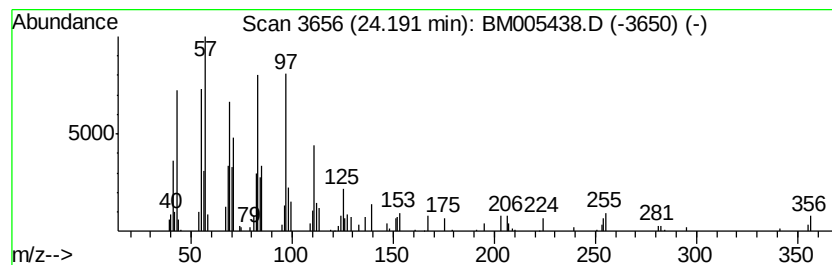
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Heptafluorobutanoic acid, h... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	2.42 ng/ul	125850	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
2		Isotridecanol-	200	C13H28O	027458-92-0	91
3		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90
4		1-Docosene	308	C22H44	001599-67-3	87
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005438.D
Acq On : 13 May 2016 18:55
Operator : UM/SJ
Sample : H2847-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.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
Amylene Hydrate	2.71	6.8	ng/ul	126547	1	7.75	374063	20.0
Butane, 2-methoxy...	2.99	13.1	ng/ul	244881	1	7.75	374063	20.0
unknown-01	3.76	2.1	ng/ul	39395	1	7.75	374063	20.0
(DEL) Alkane: Cyc...	17.52	4.0	ng/ul	223124	4	17.14	1117590	20.0
n-Hexadecanoic acid	18.03	2.3	ng/ul	127984	4	17.14	1117590	20.0
1-Heptadecanol	18.89	6.4	ng/ul	358358	4	17.14	1117590	20.0
(DEL) Alkane: Cyc...	21.03	4.2	ng/ul	418426	5	21.34	1992700	20.0
Benzo[e]pyrene	23.41	5.6	ng/ul	293370	6	23.60	1041390	20.0
(DEL) Alkane: Str...	24.10	3.4	ng/ul	174426	6	23.60	1041390	20.0
Heptafluorobutano...	24.19	2.4	ng/ul	125850	6	23.60	1041390	20.0