

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
 Data File : BM020972.D
 Acq On : 17 Jun 2019 10:58
 Operator : HP/JU
 Sample : K3231-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8L5

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-BM061419MA.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	3.034	4	8	27	rVB	3194116	4119972	75.89%	5.938%
2	3.299	51	53	59	rVB2	25188	31543	0.58%	0.045%
3	3.922	156	159	166	rVB2	24817	36379	0.67%	0.052%
4	4.016	171	175	183	rVB	75912	107315	1.98%	0.155%
5	4.916	325	328	338	rVB2	26765	43164	0.80%	0.062%
6	6.787	639	646	652	rBV6	7617	16936	0.31%	0.024%
7	6.957	669	675	687	rVB2	584623	1035765	19.08%	1.493%
8	7.134	699	705	715	rBV	473645	751377	13.84%	1.083%
9	7.322	731	737	747	rBV	619466	972440	17.91%	1.402%
10	7.793	810	817	825	rBV	1022430	1607547	29.61%	2.317%
11	7.851	825	827	833	rVB4	8809	12273	0.23%	0.018%
12	8.492	928	936	946	rBV	732470	1171205	21.57%	1.688%
13	8.628	953	959	962	rVB5	7805	12412	0.23%	0.018%
14	8.951	1007	1014	1025	rBV	614613	1012316	18.65%	1.459%
15	9.045	1029	1030	1035	rVV3	6774	8636	0.16%	0.012%
16	9.104	1035	1040	1044	rVV5	6209	9602	0.18%	0.014%
17	9.328	1073	1078	1083	rBV	25474	37740	0.70%	0.054%
18	9.669	1129	1136	1144	rBV	481585	805674	14.84%	1.161%
19	9.763	1148	1152	1158	rVB4	8118	14207	0.26%	0.020%
20	9.904	1170	1176	1184	rVB7	6764	18727	0.34%	0.027%
21	10.198	1218	1226	1237	rBV	798155	1368485	25.21%	1.972%
22	10.363	1249	1254	1258	rVB6	4101	6924	0.13%	0.010%
23	10.581	1283	1291	1299	rBV	1525509	2530462	46.61%	3.647%
24	10.733	1311	1317	1330	rVB	50032	101423	1.87%	0.146%
25	11.369	1415	1425	1428	rBV7	10582	23228	0.43%	0.033%
26	11.769	1488	1493	1497	rBV4	4283	6648	0.12%	0.010%
27	11.822	1497	1502	1507	rVB	8777	12244	0.23%	0.018%
28	12.175	1556	1562	1569	rVB	11852	18925	0.35%	0.027%
29	12.775	1659	1664	1668	rBV	14148	21728	0.40%	0.031%
30	12.851	1672	1677	1680	rBV4	8133	11307	0.21%	0.016%
31	13.033	1703	1708	1715	rVB4	19930	30290	0.56%	0.044%
32	13.245	1740	1744	1746	rBV4	8173	11972	0.22%	0.017%
33	13.275	1746	1749	1753	rVB3	4597	6868	0.13%	0.010%
34	13.392	1766	1769	1774	rVB4	5439	9150	0.17%	0.013%

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 Title : SVOA CALIBRATION

35	13.839	1837	1845	1850	rBV	1736941	2488886	45.85%	3.587%
36	13.892	1850	1854	1860	rVV	686381	965794	17.79%	1.392%
37	14.074	1880	1885	1887	rBV3	20176	28275	0.52%	0.041%
38	14.122	1887	1893	1900	rVB	1839498	2650077	48.82%	3.819%
39	14.322	1919	1927	1931	rBV6	7126	14703	0.27%	0.021%
40	14.433	1938	1946	1956	rBV2	2549417	3830731	70.56%	5.521%
41	14.521	1956	1961	1969	rVB5	10021	14718	0.27%	0.021%
42	14.633	1974	1980	1997	rBV	663747	1066526	19.65%	1.537%
43	14.751	1997	2000	2005	rVB6	7715	13675	0.25%	0.020%
44	14.845	2011	2016	2022	rVB7	13357	27596	0.51%	0.040%
45	15.221	2075	2080	2084	rBV	100440	136112	2.51%	0.196%
46	15.427	2108	2115	2122	rVV	2598423	3773850	69.52%	5.439%
47	15.545	2130	2135	2144	rBV	656266	916465	16.88%	1.321%
48	15.663	2151	2155	2163	rVB	32579	48070	0.89%	0.069%
49	15.757	2168	2171	2174	rBV4	5656	7659	0.14%	0.011%
50	15.792	2174	2177	2180	rVV3	10213	12899	0.24%	0.019%
51	15.827	2180	2183	2188	rVB3	15385	18296	0.34%	0.026%
52	15.968	2204	2207	2209	rBV2	7791	9196	0.17%	0.013%
53	16.057	2216	2222	2227	rBV	501346	699638	12.89%	1.008%
54	16.098	2227	2229	2232	rVV3	20683	24612	0.45%	0.035%
55	16.139	2232	2236	2244	rVV3	23598	46279	0.85%	0.067%
56	16.315	2260	2266	2271	rVV5	21088	31149	0.57%	0.045%
57	16.374	2274	2276	2281	rVB4	7102	8716	0.16%	0.013%
58	16.486	2288	2295	2296	rBV6	5461	9301	0.17%	0.013%
59	16.568	2307	2309	2317	rVV5	5266	9951	0.18%	0.014%
60	16.657	2320	2324	2326	rVB3	7044	8906	0.16%	0.013%
61	16.927	2364	2370	2373	rBV5	17033	27888	0.51%	0.040%
62	16.962	2373	2376	2385	rVB5	15806	34112	0.63%	0.049%
63	17.068	2390	2394	2395	rBV3	27058	29482	0.54%	0.042%
64	17.092	2395	2398	2402	rVB4	26884	35444	0.65%	0.051%
65	17.133	2402	2405	2406	rBV2	8393	7656	0.14%	0.011%
66	17.180	2406	2413	2422	rVB	3365812	4783022	88.11%	6.894%
67	17.274	2423	2429	2439	rBV	3117118	4336340	79.88%	6.250%
68	17.457	2457	2460	2465	rBV	25090	34106	0.63%	0.049%
69	17.533	2469	2473	2475	rBV5	13787	19510	0.36%	0.028%
70	17.662	2492	2495	2499	rBV5	14595	14961	0.28%	0.022%
71	17.786	2514	2516	2517	rBV2	6873	6573	0.12%	0.009%

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72	17.839	2522	2525	2528	rVB3	15052	15896	0.29%	0.023%
73	17.945	2539	2543	2548	rBV4	39136	64226	1.18%	0.093%
74	18.004	2550	2553	2558	rVV2	59332	76505	1.41%	0.110%
75	18.068	2558	2564	2573	rBV	894002	1251252	23.05%	1.803%
76	18.139	2574	2576	2584	rVB	63033	96134	1.77%	0.139%
77	18.362	2610	2614	2619	rBV4	37200	55038	1.01%	0.079%
78	18.492	2633	2636	2641	rVB6	22319	27591	0.51%	0.040%
79	18.927	2707	2710	2713	rBV5	9663	14121	0.26%	0.020%
80	18.992	2718	2721	2725	rVB2	27677	27698	0.51%	0.040%
81	19.168	2749	2751	2753	rBV3	11365	10096	0.19%	0.015%
82	19.204	2753	2757	2758	rVV	61423	76628	1.41%	0.110%
83	19.227	2758	2761	2776	rVV3	138667	295640	5.45%	0.426%
84	19.345	2777	2781	2793	rVV	199806	334703	6.17%	0.482%
85	19.451	2796	2799	2805	rVB2	38437	57397	1.06%	0.083%
86	19.568	2813	2819	2825	rBV	3872581	5428706	100.00%	7.824%
87	20.086	2903	2907	2908	rBV3	25747	36171	0.67%	0.052%
88	20.103	2908	2910	2914	rVB2	70358	78540	1.45%	0.113%
89	20.398	2957	2960	2963	rBV3	28886	36457	0.67%	0.053%
90	20.603	2992	2995	3000	rVB	63861	70883	1.31%	0.102%
91	21.062	3069	3073	3084	rBV	843719	1159289	21.35%	1.671%
92	21.356	3118	3123	3135	rBV	3674610	4780579	88.06%	6.890%
93	21.503	3144	3148	3152	rBV	176549	233529	4.30%	0.337%
94	21.962	3219	3226	3236	rBV2	604463	1248982	23.01%	1.800%
95	22.409	3299	3302	3306	rBV	282189	348016	6.41%	0.502%
96	22.927	3386	3390	3395	rBV	516909	714065	13.15%	1.029%
97	22.980	3395	3399	3406	rVB2	271907	453602	8.36%	0.654%
98	23.491	3479	3486	3495	rBV	2583273	4952677	91.23%	7.138%
99	23.639	3504	3511	3523	rVB	2371513	4441636	81.82%	6.401%
100	24.162	3596	3600	3607	rVB2	452513	822360	15.15%	1.185%

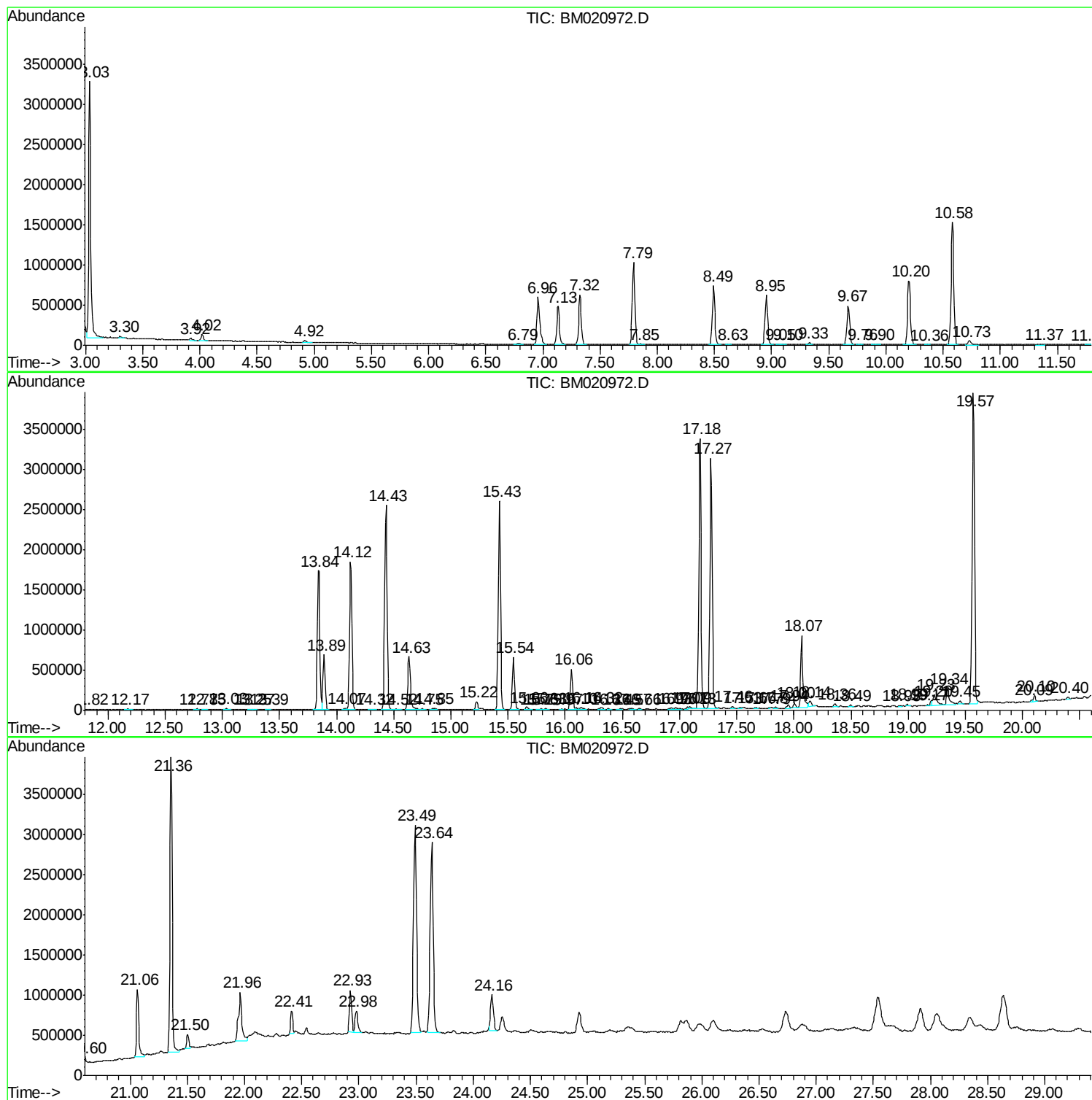
Sum of corrected areas: 69384475

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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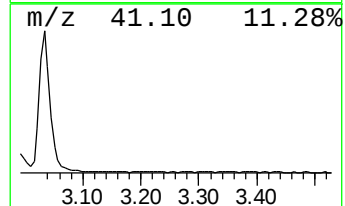
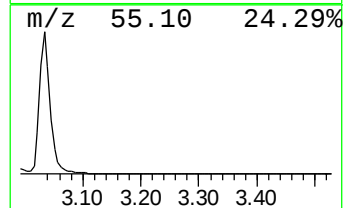
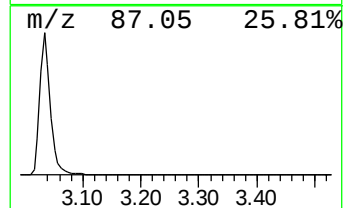
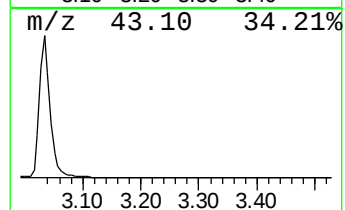
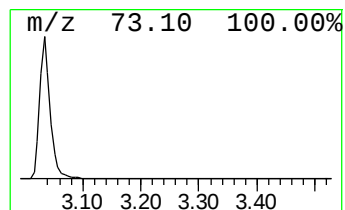
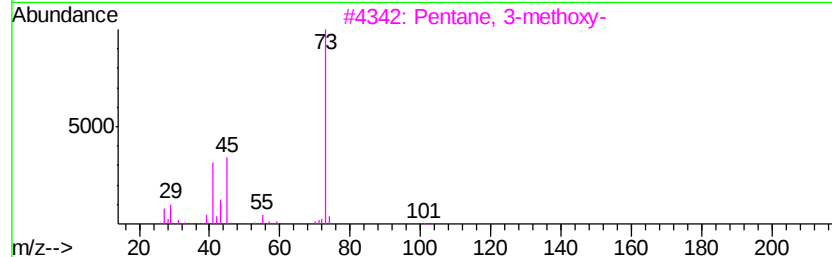
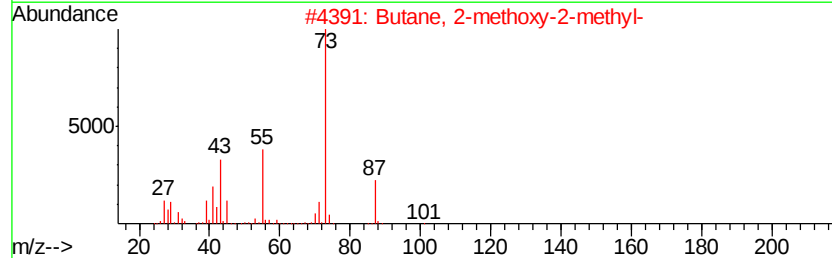
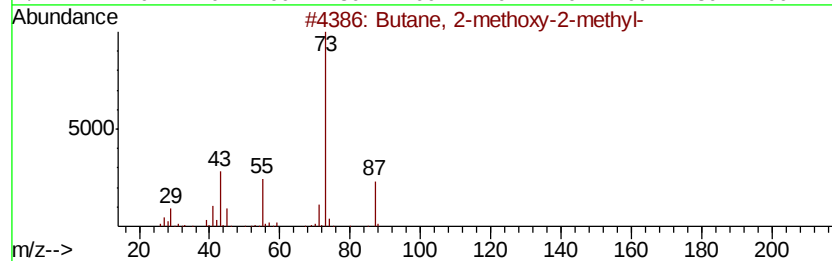
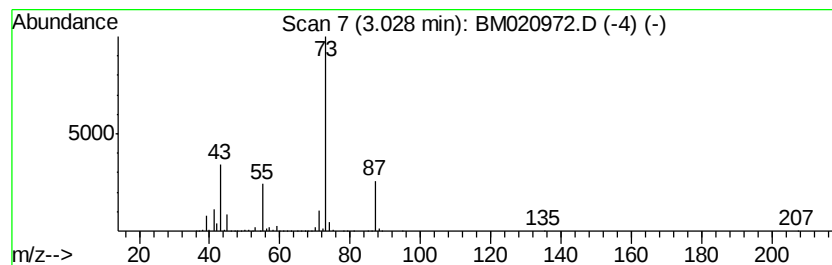
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
3.03	51.26 ng/ul	4119970	1,4-Dichlorobenzene-d4	7.79

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	38
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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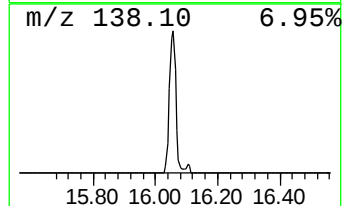
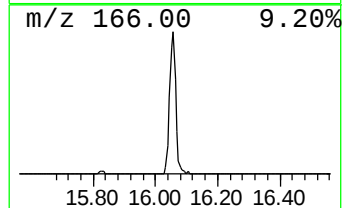
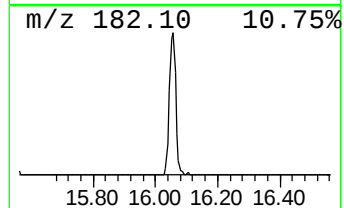
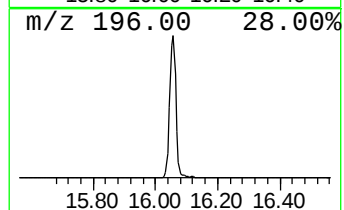
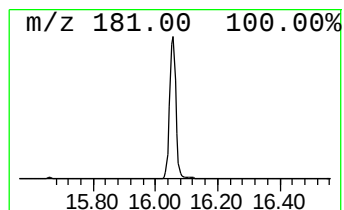
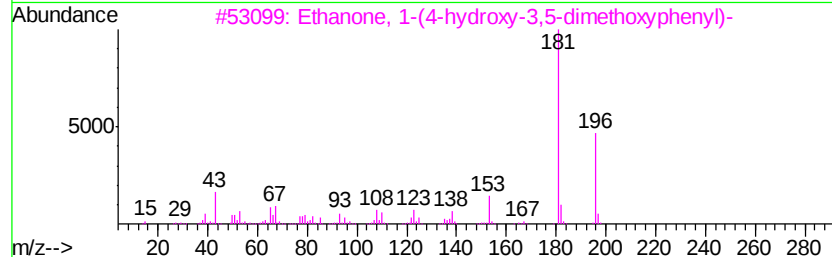
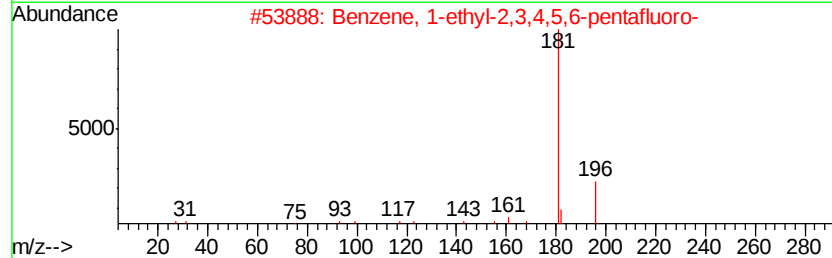
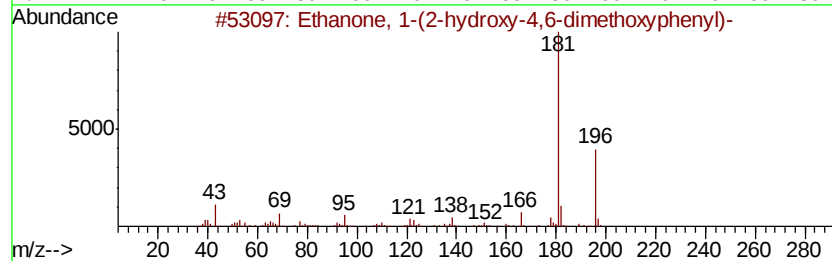
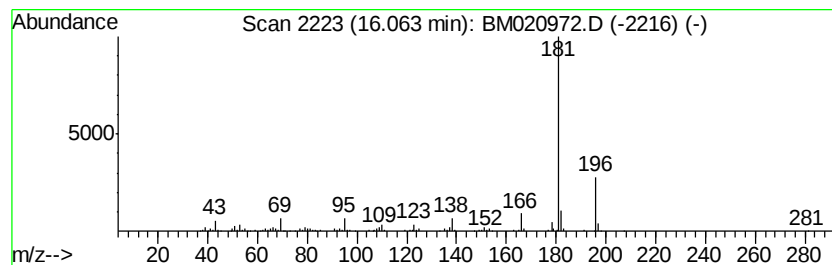
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanone, 1-(2-hydroxy-4,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.06	2.93 ng/ul	699638	Phenanthrene-d10	17.18		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-hydroxy-4,6-dimet...	196	C10H12O4	000090-24-4	94	
2	Benzene, 1-ethyl-2,3,4,5,6-penta...	196	C8H5F5	002251-81-2	64	
3	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	43	
4	2-Chloro-4-trifluoromethylpyridine	181	C6H3ClF3N	081565-18-6	43	
5	Thiophene, 2,5-bis(1,1-dimethyle...	196	C12H20S	001689-77-6	43	



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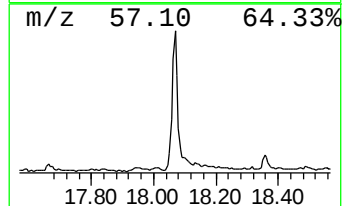
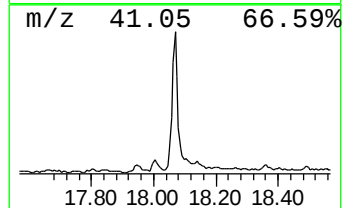
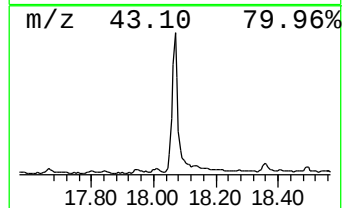
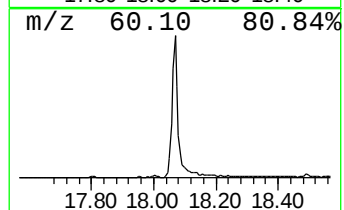
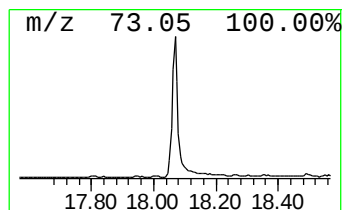
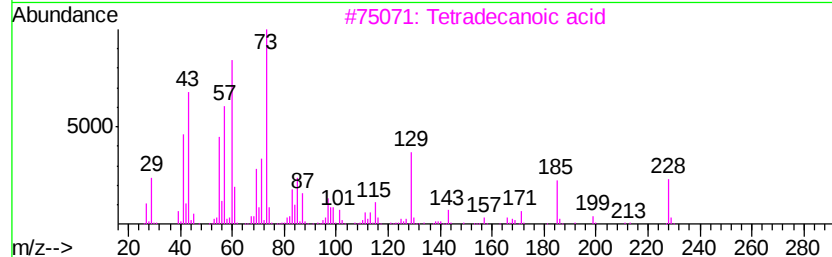
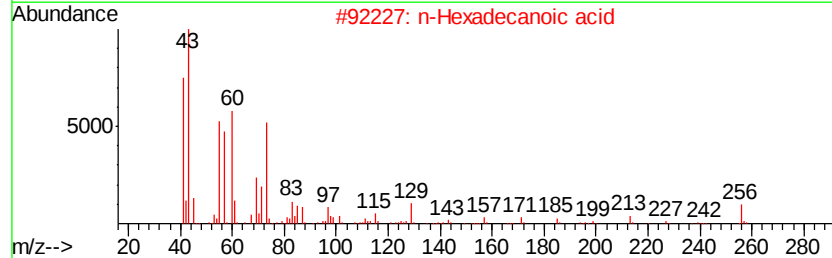
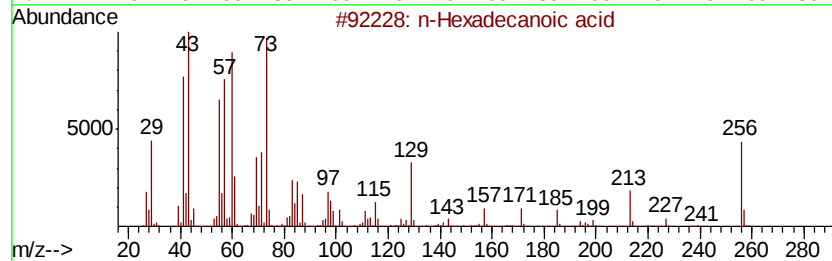
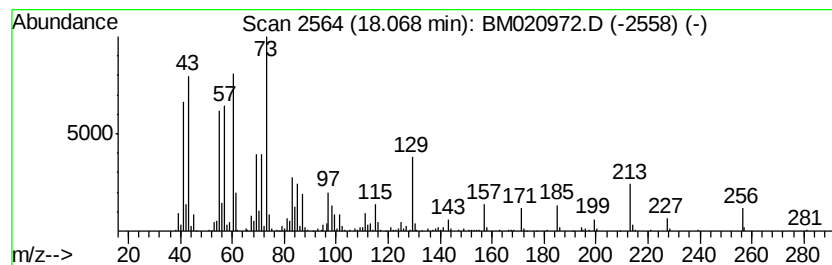
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.23 ng/ul	1251250	Phenanthrene-d10	17.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76	



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Data File : BM020972.D
Acq On : 17 Jun 2019 10:58
Operator : HP/JU
Sample : K3231-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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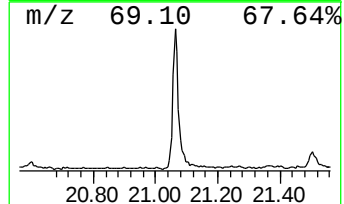
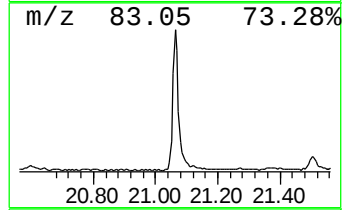
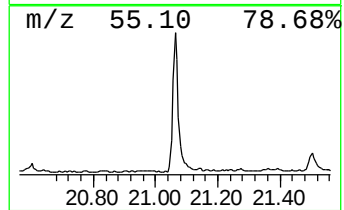
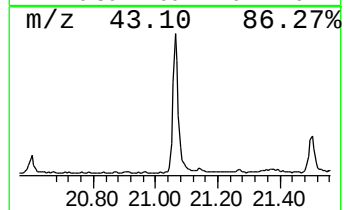
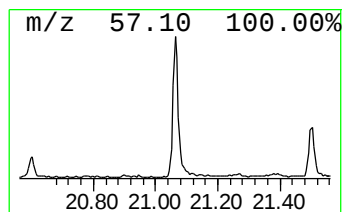
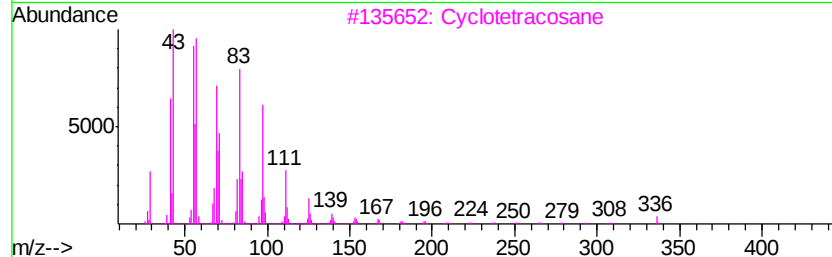
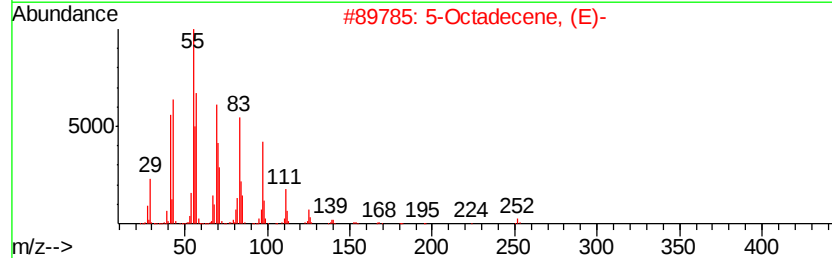
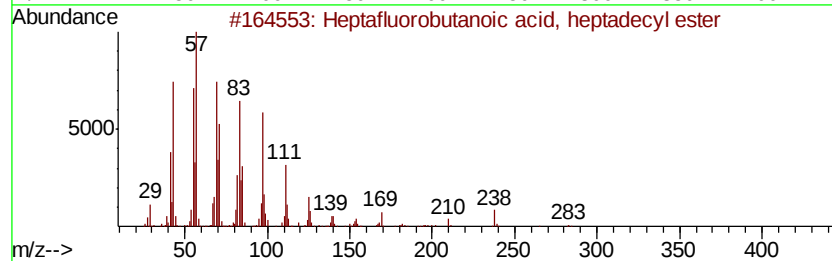
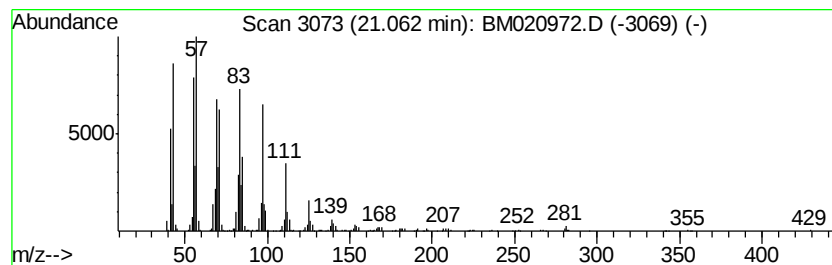
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	4.85 ng/ul	1159290	Chrysene-d12	21.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3		Cyclotetracosane	336	C24H48	000297-03-0	90
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
5		1-Docosene	308	C22H44	001599-67-3	90



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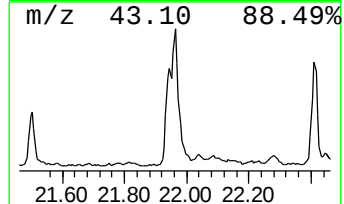
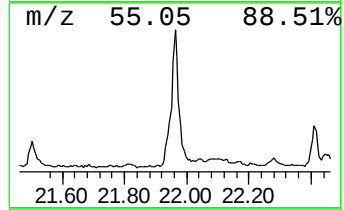
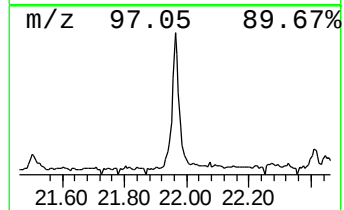
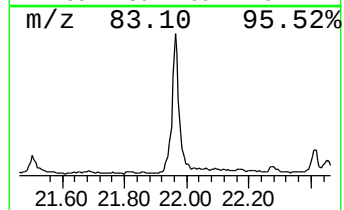
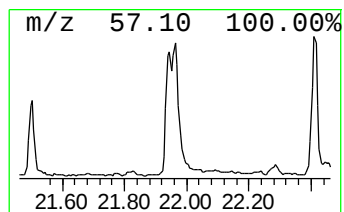
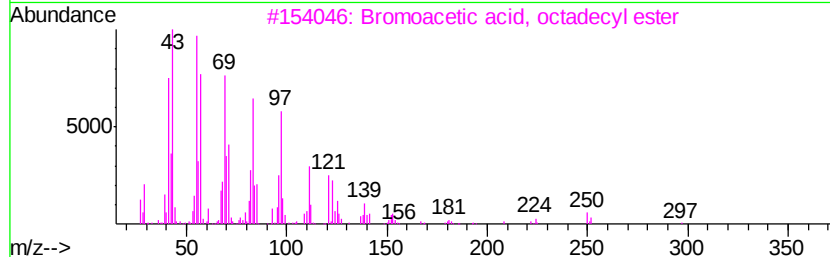
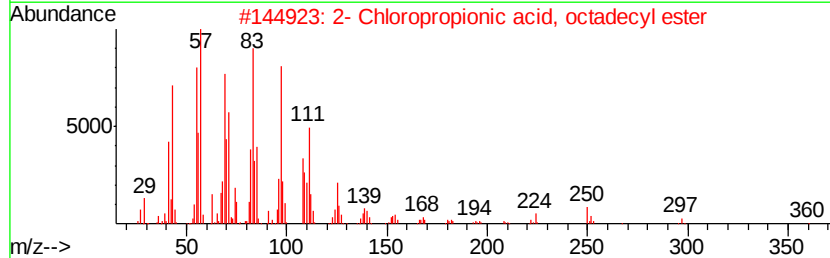
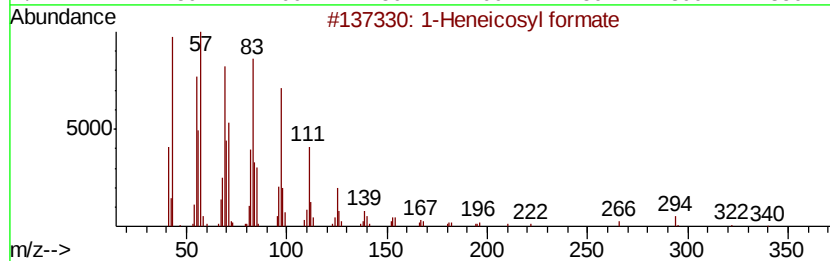
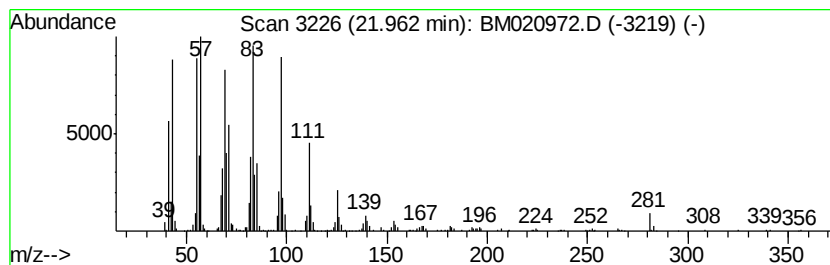
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	5.23 ng/ul	1248980	Chrysene-d12	21.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate		340	C22H44O2	077899-03-7	91
2	2- Chloropropionic acid, octadec...		360	C21H41ClO2	088104-31-8	91
3	Bromoacetic acid, octadecyl ester		390	C20H39BrO2	018992-03-5	90
4	3-Eicosene, (E)-		280	C20H40	074685-33-9	90
5	1-Octadecanol		270	C18H38O	000112-92-5	90



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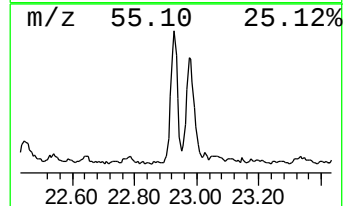
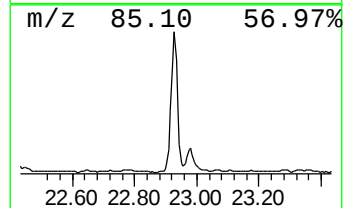
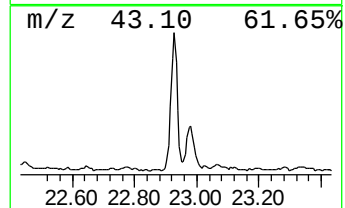
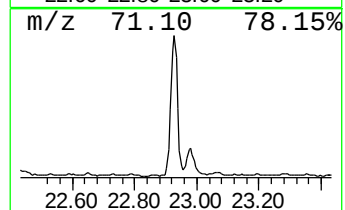
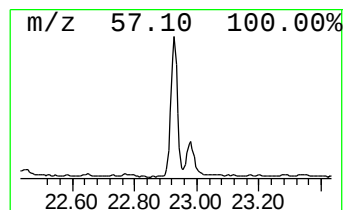
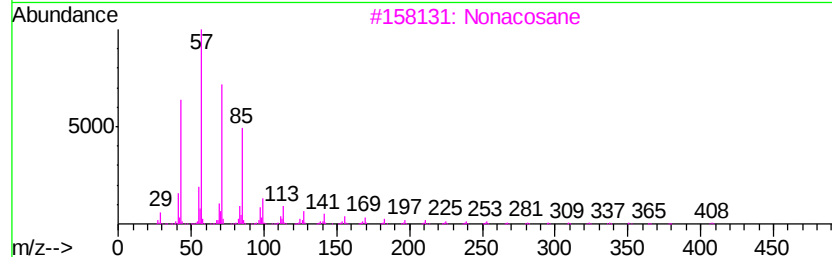
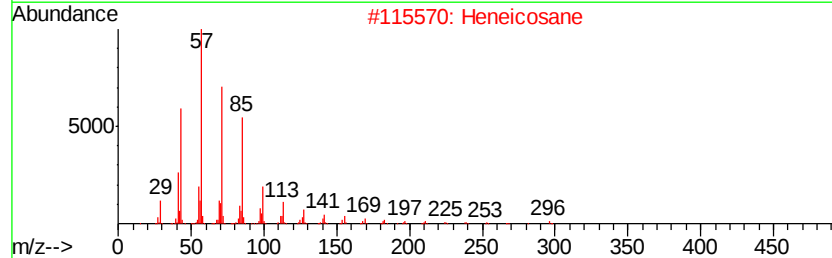
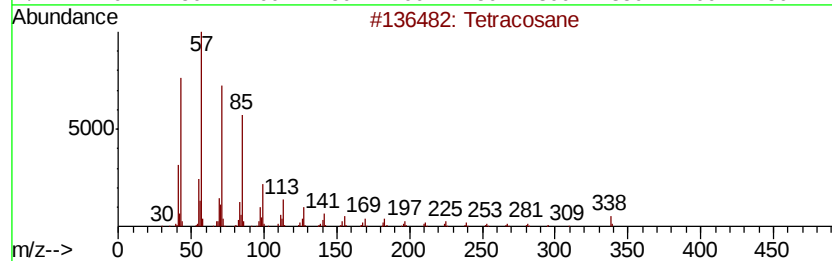
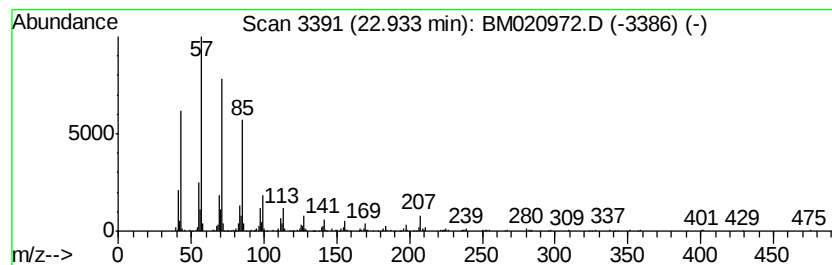
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Quant Title : SVOA CALIBRATION

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.
22.93	3.22 ng/ul	714065	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



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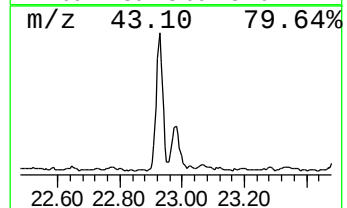
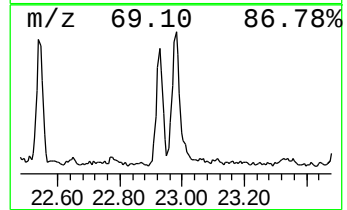
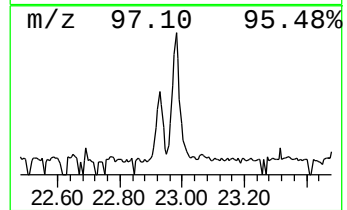
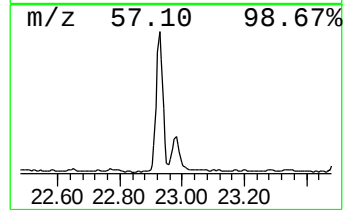
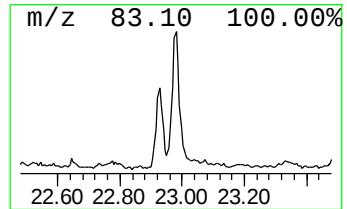
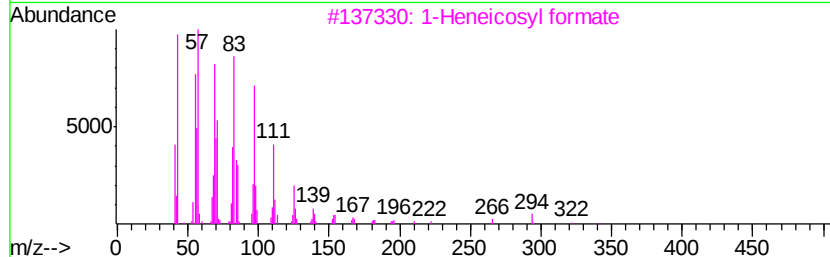
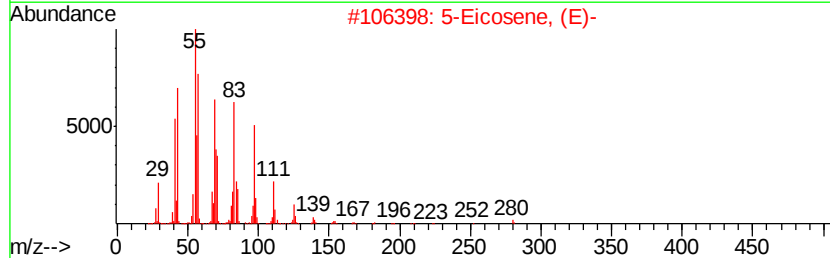
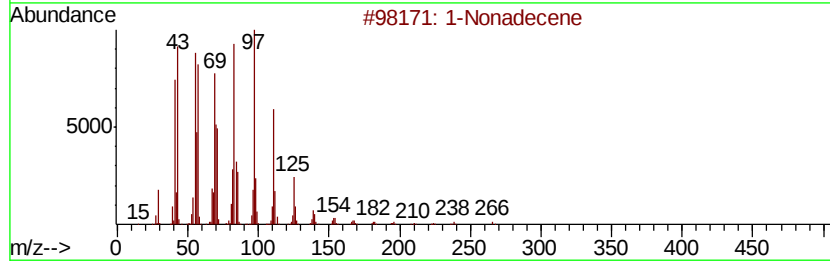
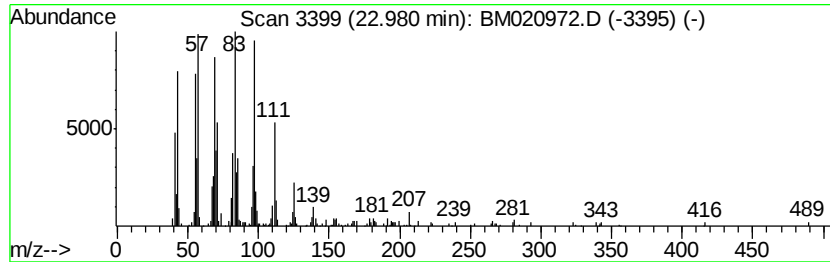
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic22.98 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	2.04 ng/ul	453602	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	94
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	86
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	83
4		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	81
5		Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020972.D
Acq On : 17 Jun 2019 10:58
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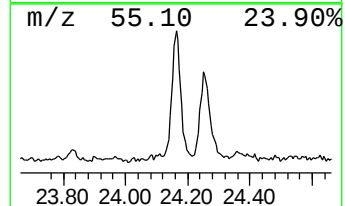
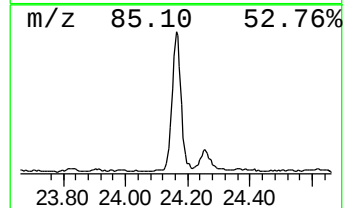
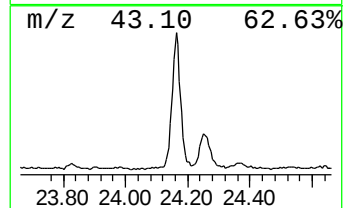
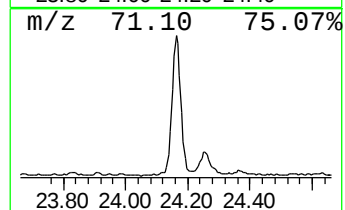
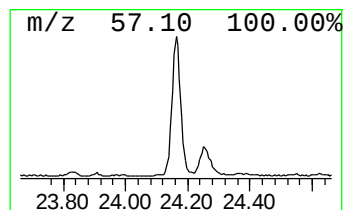
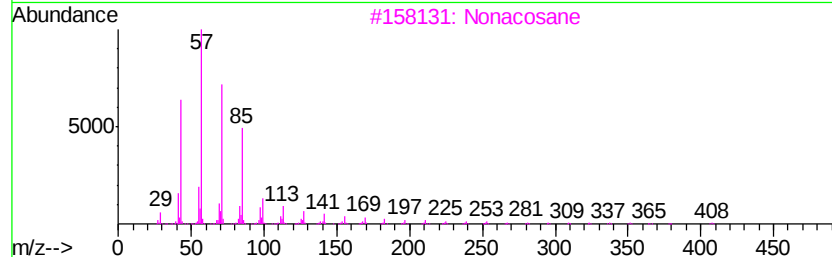
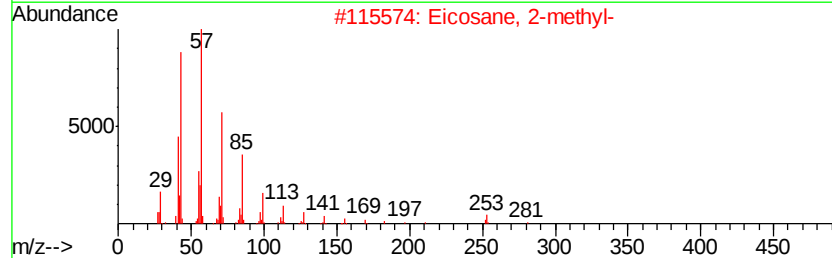
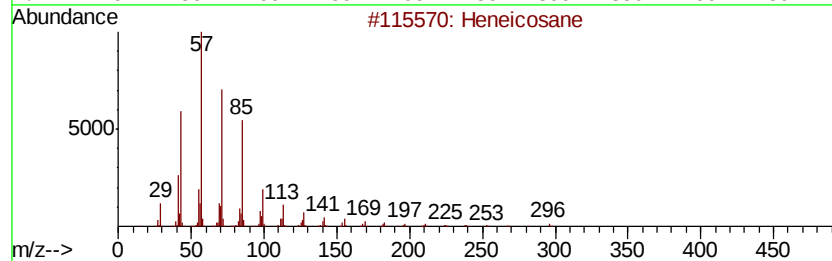
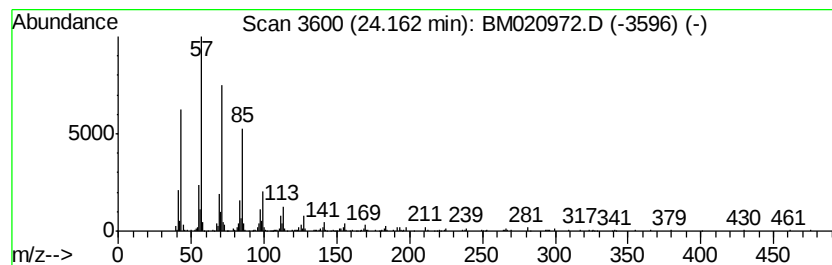
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	3.70 ng/ul	822360	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3		Nonacosane	408	C29H60	000630-03-5	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Octacosane	394	C28H58	000630-02-4	87



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Misc :
ALS Vial : 4 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Ethanone, 1-(2-hy...	16.06	2.9	ng/ul	699638	4	17.18	4783020	20.0
n-Hexadecanoic acid	18.07	5.2	ng/ul	1251250	4	17.18	4783020	20.0
Heptafluorobutano...	21.06	4.8	ng/ul	1159290	5	21.36	4780580	20.0
1-Heneicosyl formate	21.96	5.2	ng/ul	1248980	5	21.36	4780580	20.0
(DEL) Alkane: Str...	22.93	3.2	ng/ul	714065	6	23.64	4441640	20.0
(DEL) Alkane: Cyc...	22.98	2.0	ng/ul	453602	6	23.64	4441640	20.0
(DEL) Alkane: Str...	24.16	3.7	ng/ul	822360	6	23.64	4441640	20.0