

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
 Data File : BM026900.D
 Acq On : 28 Jul 2020 20:49
 Operator : JU/CG
 Sample : L3424-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S84

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-BM072720MA.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	2.907	24	29	37	rBV	222701	342919	15.58%	1.626%
2	2.978	37	41	57	rVB	986630	1188238	53.99%	5.634%
3	3.225	79	83	88	rBV	21093	25234	1.15%	0.120%
4	3.613	148	149	154	rVB3	1845	2207	0.10%	0.010%
5	3.854	186	190	195	rVB2	7433	10230	0.46%	0.049%
6	3.949	202	206	211	rVB2	6007	8457	0.38%	0.040%
7	4.831	354	356	363	rVB6	2244	2899	0.13%	0.014%
8	6.842	691	698	705	rBV	92813	141238	6.42%	0.670%
9	7.007	720	726	735	rBV	253994	387530	17.61%	1.838%
10	7.207	754	760	770	rVB	309809	467974	21.26%	2.219%
11	7.295	773	775	782	rVB5	1850	3205	0.15%	0.015%
12	7.672	833	839	847	rVB	298390	459469	20.88%	2.179%
13	8.372	951	958	967	rBV	236201	368176	16.73%	1.746%
14	8.813	1025	1033	1041	rBV	344786	549572	24.97%	2.606%
15	9.531	1148	1155	1166	rBV2	249939	391259	17.78%	1.855%
16	10.066	1239	1246	1255	rBV	419768	655860	29.80%	3.110%
17	10.448	1302	1311	1318	rBV	364291	601588	27.34%	2.853%
18	10.572	1325	1332	1342	rVB	37984	59795	2.72%	0.284%
19	12.036	1577	1581	1588	rVB3	5354	8544	0.39%	0.041%
20	12.677	1684	1690	1695	rVB3	3817	5470	0.25%	0.026%
21	12.924	1729	1732	1737	rBV3	6520	8402	0.38%	0.040%
22	13.219	1777	1782	1783	rBV2	1877	2314	0.11%	0.011%
23	13.719	1861	1867	1872	rBV	789010	1061289	48.22%	5.033%
24	13.766	1872	1875	1881	rVB	83180	103683	4.71%	0.492%
25	13.995	1904	1914	1921	rBV	857740	1219339	55.41%	5.782%
26	14.307	1960	1967	1974	rBV	586500	825839	37.53%	3.916%
27	14.489	1993	1998	2006	rBV	88467	127154	5.78%	0.603%
28	15.142	2104	2109	2112	rBV4	4060	5138	0.23%	0.024%
29	15.301	2129	2136	2145	rVB	1120894	1533869	69.70%	7.273%
30	15.413	2149	2155	2161	rBV	286767	388844	17.67%	1.844%
31	15.542	2172	2177	2181	rBV3	11886	13745	0.62%	0.065%
32	16.083	2266	2269	2275	rVB4	3129	3573	0.16%	0.017%
33	17.048	2426	2433	2439	rBV	727642	983672	44.70%	4.664%
34	17.148	2443	2450	2457	rBV	1338035	1828277	83.08%	8.669%

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35	17.359	2482	2486	2488	rBV5	2182	2673	0.12%	0.013%
36	17.595	2520	2526	2529	rBV7	2519	4638	0.21%	0.022%
37	17.754	2548	2553	2557	rBV4	2583	3790	0.17%	0.018%
38	17.971	2583	2590	2597	rBV2	70767	103684	4.71%	0.492%
39	18.036	2597	2601	2606	rVB	6616	9525	0.43%	0.045%
40	18.283	2639	2643	2646	rBV5	5058	6217	0.28%	0.029%
41	18.836	2733	2737	2739	rBV4	2824	2556	0.12%	0.012%
42	18.918	2747	2751	2755	rBV5	2584	3701	0.17%	0.018%
43	19.077	2774	2778	2782	rBV	13292	16398	0.75%	0.078%
44	19.253	2805	2808	2813	rBV2	33067	42419	1.93%	0.201%
45	19.330	2818	2821	2825	rVB	10259	12152	0.55%	0.058%
46	19.442	2834	2840	2847	rBV	1597513	2141051	97.29%	10.153%
47	19.500	2847	2850	2853	rVB5	3530	3930	0.18%	0.019%
48	19.589	2862	2865	2868	rBV6	2952	3949	0.18%	0.019%
49	19.995	2931	2934	2937	rBV5	4027	4000	0.18%	0.019%
50	20.295	2983	2985	2987	rBV3	3833	3606	0.16%	0.017%
51	20.883	3083	3085	3086	rBV2	4851	3733	0.17%	0.018%
52	20.983	3097	3102	3111	rBV	128722	166440	7.56%	0.789%
53	21.242	3140	3146	3153	rBV	929974	1175226	53.40%	5.573%
54	21.436	3176	3179	3183	rBV4	12187	15192	0.69%	0.072%
55	21.871	3250	3253	3257	rBV4	24034	29254	1.33%	0.139%
56	22.836	3415	3417	3427	rVB7	23488	43135	1.96%	0.205%
57	23.318	3491	3499	3508	rBV	1239501	2200738	100.00%	10.436%
58	23.406	3512	3514	3516	rVV2	33212	39481	1.79%	0.187%
59	23.453	3516	3522	3531	rVB	686116	1217021	55.30%	5.771%
60	24.800	3747	3751	3758	rVB6	26032	49122	2.23%	0.233%

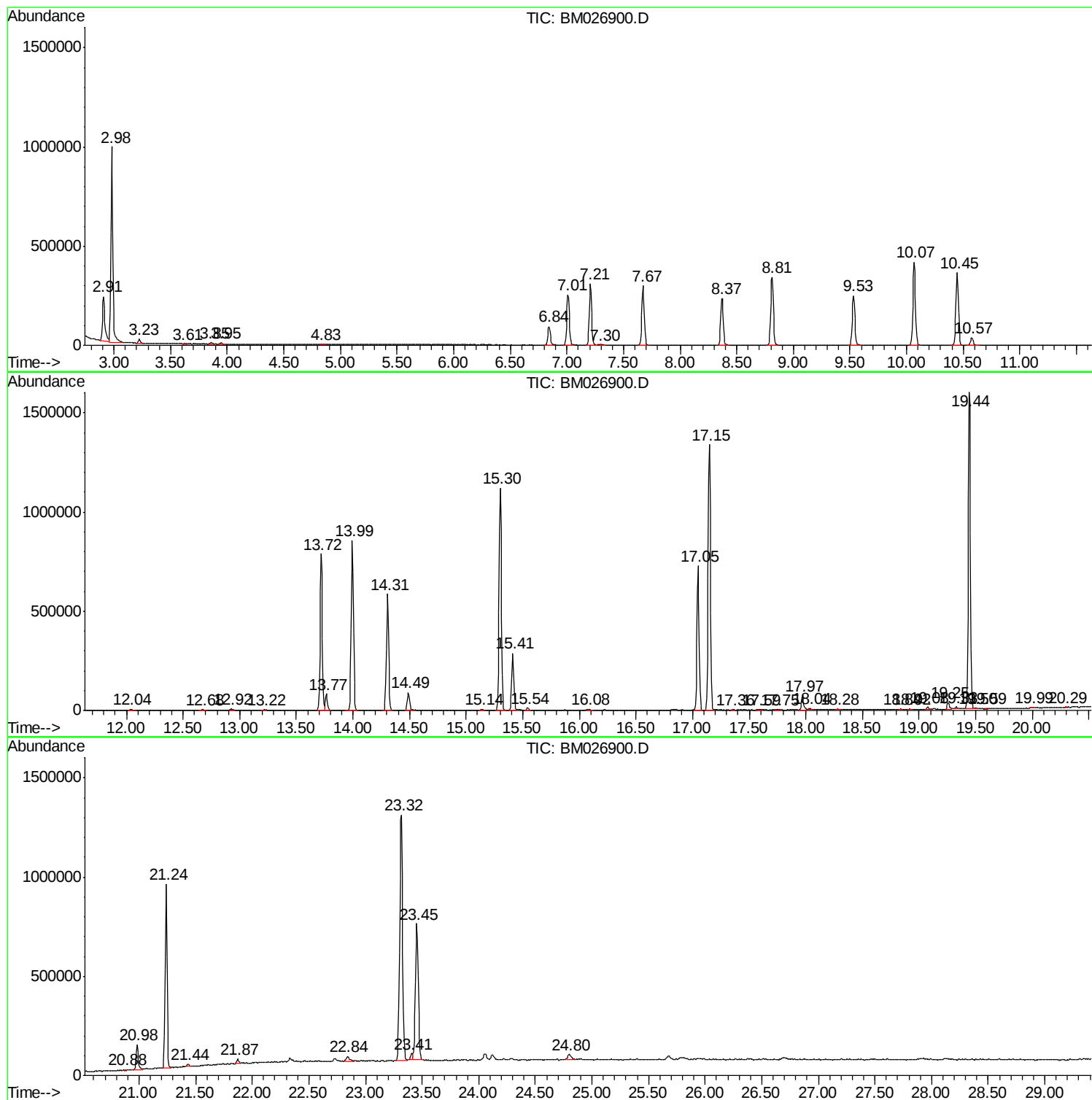
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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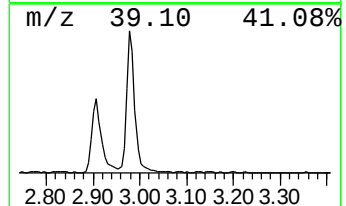
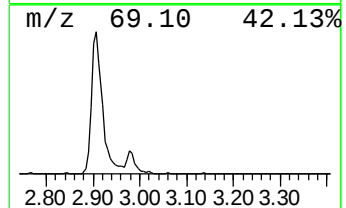
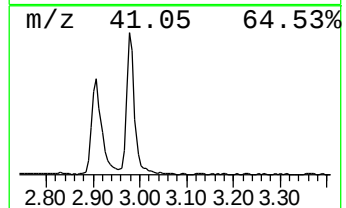
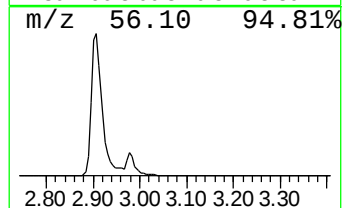
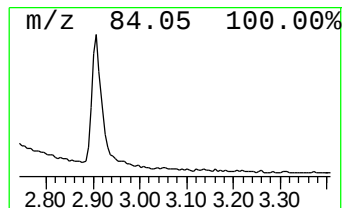
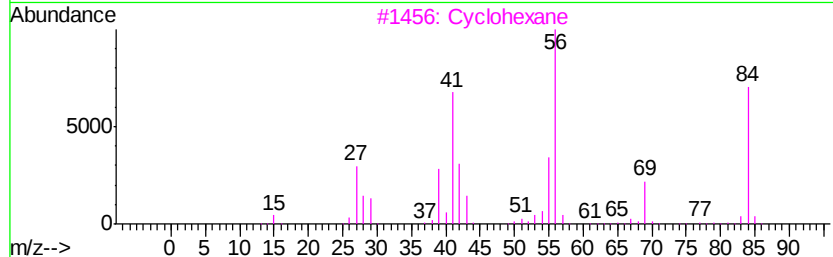
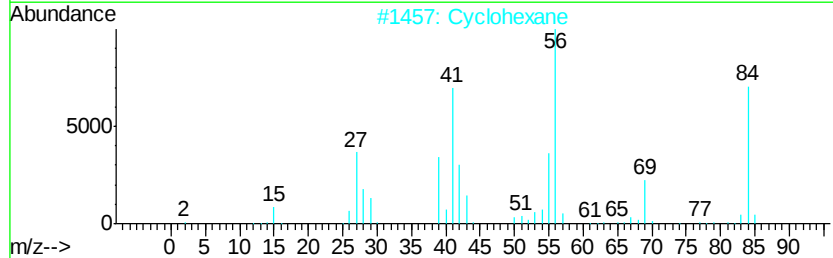
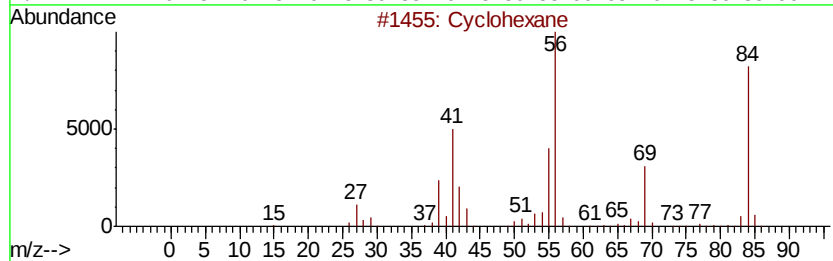
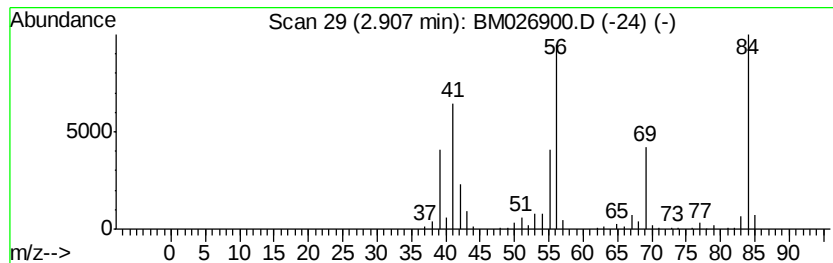
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic2.91 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	14.93 ng/ul	342919	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	93
2			Cyclohexane	84	C6H12	000110-82-7	74
3			Cyclohexane	84	C6H12	000110-82-7	74
4			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
5			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68



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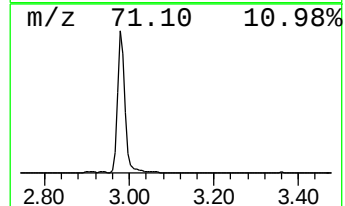
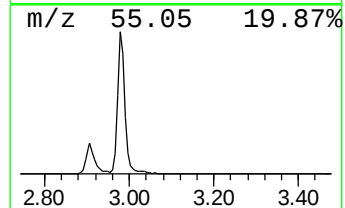
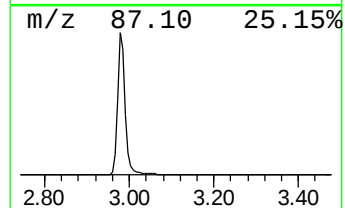
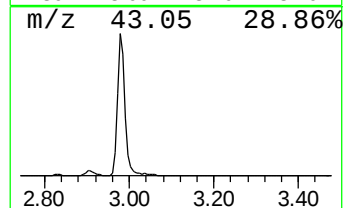
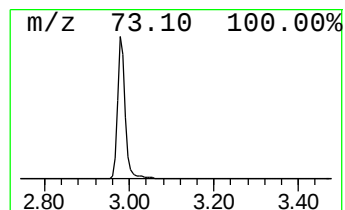
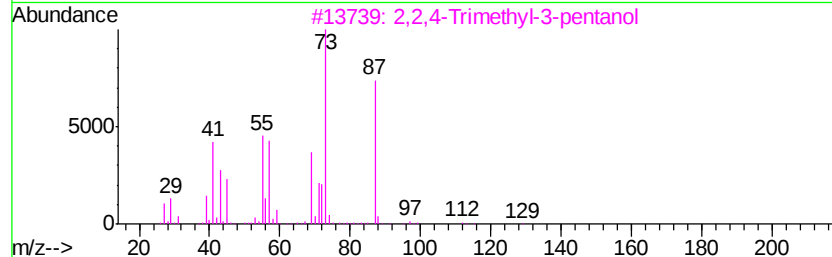
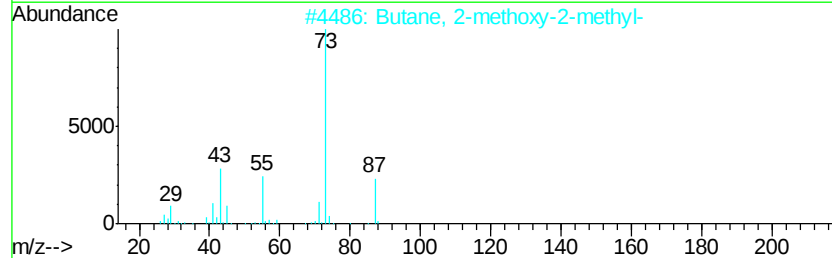
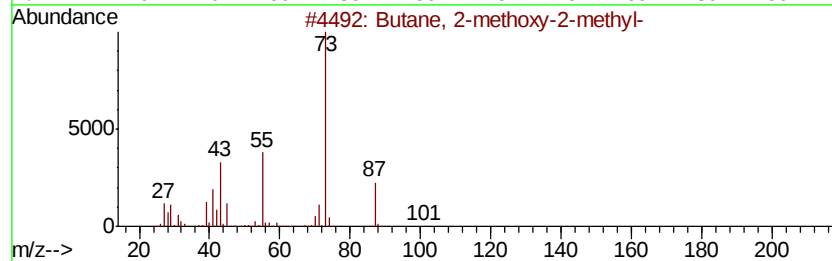
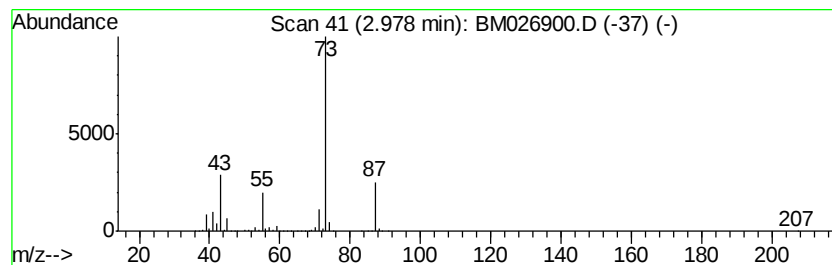
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	51.72 ng/ul	1188240	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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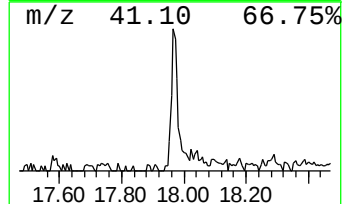
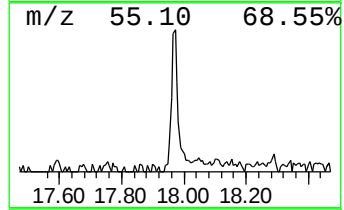
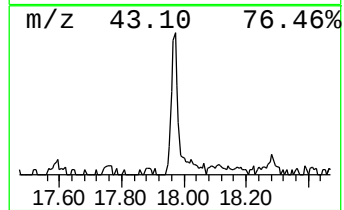
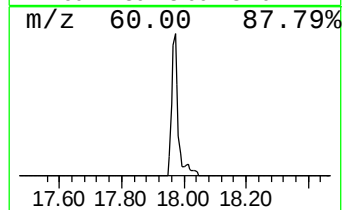
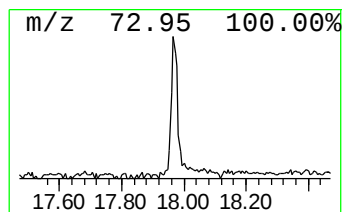
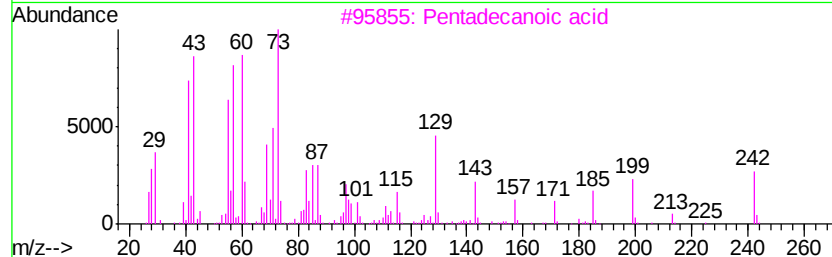
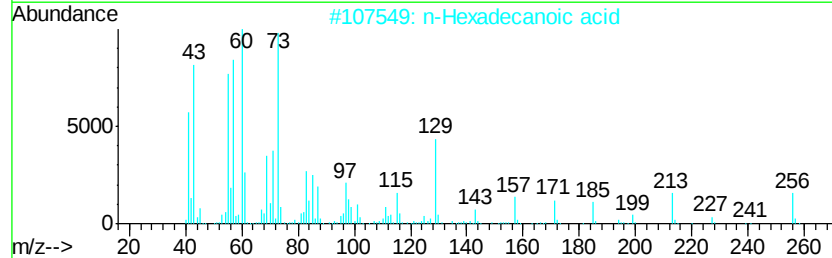
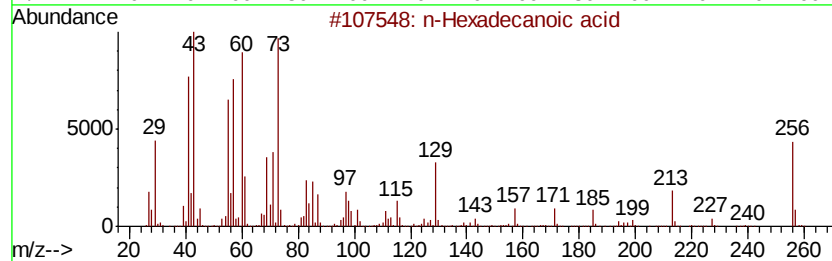
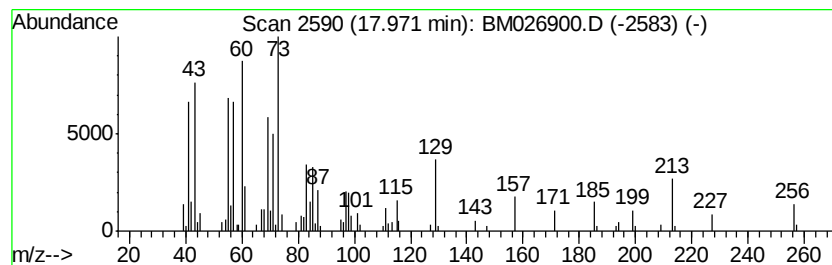
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.11 ng/ul	103684	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	68



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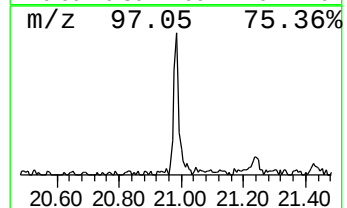
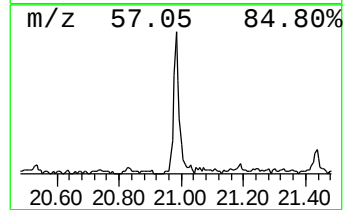
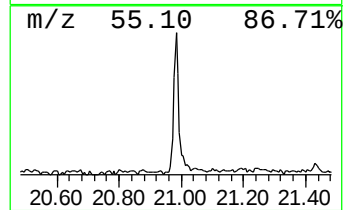
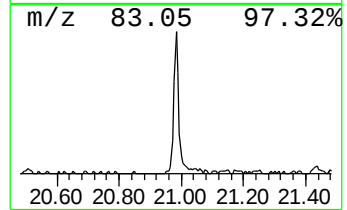
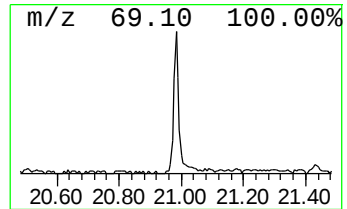
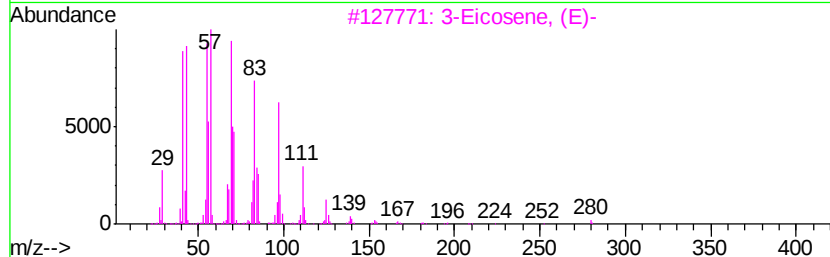
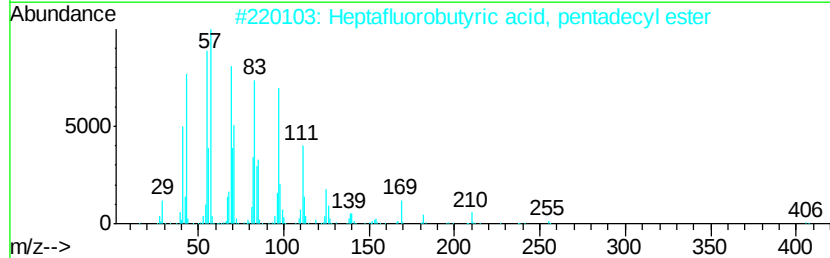
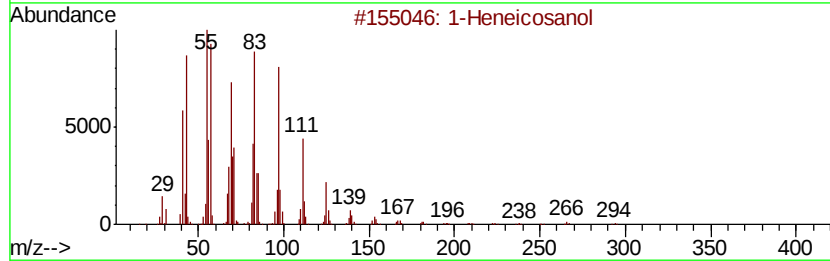
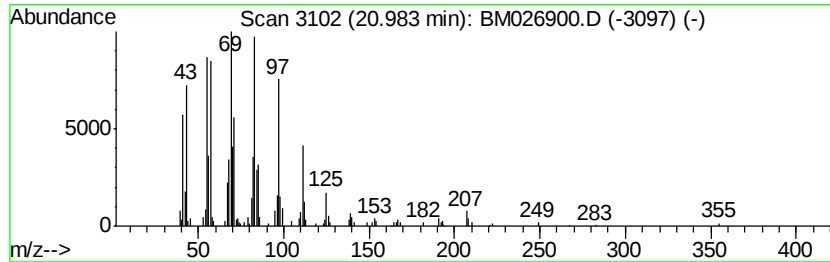
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.83 ng/ul	166440	Chrysene-d12	21.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	93
2	Heptafluorobutyric acid, pentade...		424	C19H31F7O2	959261-23-5	93
3	3-Eicosene, (E)-		280	C20H40	074685-33-9	91
4	Bromoacetic acid, octadecyl ester		390	C20H39BrO2	018992-03-5	91
5	1-Docosene		308	C22H44	001599-67-3	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	2.91	14.9	ng/ul	342919	1	7.67	459469	20.0
Butane, 2-methoxy...	2.98	51.7	ng/ul	1188240	1	7.67	459469	20.0
n-Hexadecanoic acid	17.97	2.1	ng/ul	103684	4	17.05	983672	20.0
1-Heneicosanol	20.98	2.8	ng/ul	166440	5	21.24	1175230	20.0