

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059144.D
 Acq On : 21 Sep 2023 18:01
 Operator : MA/JU
 Sample : 04386-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG059144.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.043	106	111	119	rBV	43274	72532	12.98%	1.082%
2	4.260	143	148	153	rVB2	9995	15379	2.75%	0.229%
3	4.589	202	204	208	rVB3	5451	4823	0.86%	0.072%
4	5.306	322	326	331	rVB2	6972	9582	1.71%	0.143%
5	6.181	472	475	479	rBV2	1248	1613	0.29%	0.024%
6	6.234	482	484	486	rBV3	1969	1713	0.31%	0.026%
7	7.409	677	684	694	rBV	66419	129383	23.15%	1.929%
8	7.615	713	719	726	rBV	64809	107398	19.22%	1.602%
9	7.809	745	752	758	rBV	66351	118530	21.21%	1.768%
10	8.085	793	799	802	rVB2	1383	2882	0.52%	0.043%
11	8.296	828	835	844	rVB	108278	195093	34.91%	2.909%
12	8.978	943	951	963	rBV2	48198	81086	14.51%	1.209%
13	9.137	972	978	986	rBV2	21144	37616	6.73%	0.561%
14	9.284	999	1003	1007	rBV2	1691	3308	0.59%	0.049%
15	9.489	1027	1038	1045	rVB2	77166	139740	25.01%	2.084%
16	9.571	1048	1052	1055	rVB3	1080	1636	0.29%	0.024%
17	9.912	1108	1110	1113	rBV	1474	1496	0.27%	0.022%
18	10.206	1154	1160	1167	rVV	60117	107857	19.30%	1.608%
19	10.300	1171	1176	1185	rBV4	6549	15305	2.74%	0.228%
20	10.359	1185	1186	1196	rVB2	1490	2948	0.53%	0.044%
21	10.570	1218	1222	1227	rBV3	3703	6204	1.11%	0.093%
22	10.735	1241	1250	1257	rBV2	82816	149471	26.75%	2.229%
23	11.140	1310	1319	1327	rVB	173947	314464	56.27%	4.689%
24	11.281	1334	1343	1352	rVB2	71491	134366	24.05%	2.004%
25	11.651	1402	1406	1407	rBV	1384	1389	0.25%	0.021%
26	11.839	1435	1438	1441	rBV2	1371	1719	0.31%	0.026%
27	11.927	1449	1453	1465	rVB3	2658	6300	1.13%	0.094%
28	12.380	1527	1530	1535	rBB	1099	1729	0.31%	0.026%
29	12.492	1545	1549	1554	rBV2	1043	2272	0.41%	0.034%
30	12.691	1580	1583	1585	rBV2	2248	2536	0.45%	0.038%
31	13.244	1673	1677	1679	rBV2	1457	1974	0.35%	0.029%
32	13.349	1693	1695	1697	rBV	1397	1484	0.27%	0.022%
33	13.749	1758	1763	1769	rVB2	8143	12233	2.19%	0.182%
34	14.319	1853	1860	1867	rVB	168952	253604	45.38%	3.782%
35	14.624	1906	1912	1919	rBV2	206113	320540	57.36%	4.780%
36	14.924	1957	1963	1972	rVB	277927	428853	76.74%	6.395%

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Integrator: RTE
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 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
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37	15.094	1986	1992	1999	rBV	65587	105538	18.89%	1.574%
38	15.171	2004	2005	2009	rVB2	1780	1516	0.27%	0.023%
39	15.276	2019	2023	2028	rVV2	2860	3899	0.70%	0.058%
40	15.329	2029	2032	2036	rVB	3914	4368	0.78%	0.065%
41	15.464	2052	2055	2058	rBV	937	1402	0.25%	0.021%
42	15.629	2077	2083	2089	rVV	26323	34512	6.18%	0.515%
43	15.694	2093	2094	2098	rVB	1269	1410	0.25%	0.021%
44	15.911	2122	2131	2138	rBV	268002	401309	71.82%	5.985%
45	16.017	2143	2149	2154	rVV	74468	110775	19.82%	1.652%
46	16.146	2168	2171	2174	rBV	1156	1424	0.25%	0.021%
47	17.180	2343	2347	2350	rBV2	2856	3813	0.68%	0.057%
48	17.380	2379	2381	2386	rVB	2375	3258	0.58%	0.049%
49	17.456	2391	2394	2397	rVB	1428	1582	0.28%	0.024%
50	17.492	2397	2400	2401	rBV	1736	1455	0.26%	0.022%
51	17.674	2423	2431	2439	rBV	364810	547000	97.89%	8.157%
52	17.774	2441	2448	2454	rBV	292351	439416	78.64%	6.553%
53	18.150	2508	2512	2513	rBV	2833	2255	0.40%	0.034%
54	18.273	2529	2533	2537	rBV2	1724	2199	0.39%	0.033%
55	18.390	2551	2553	2555	rVB2	2901	2148	0.38%	0.032%
56	18.408	2555	2556	2557	rBV	2553	1519	0.27%	0.023%
57	18.490	2566	2570	2583	rBV2	45496	70146	12.55%	1.046%
58	19.336	2710	2714	2717	rVB3	7199	8437	1.51%	0.126%
59	19.383	2717	2722	2723	rBV4	1574	2183	0.39%	0.033%
60	19.754	2781	2785	2789	rBV3	15971	22360	4.00%	0.333%
61	20.047	2828	2835	2841	rBV	358796	510418	91.34%	7.612%
62	20.494	2908	2911	2914	rVB2	5643	5829	1.04%	0.087%
63	21.534	3084	3088	3096	rBV6	19073	38626	6.91%	0.576%
64	21.992	3158	3166	3174	rBV	289018	518669	92.82%	7.735%
65	22.762	3293	3297	3303	rVB2	41960	63372	11.34%	0.945%
66	24.395	3570	3575	3583	rVB4	29130	64365	11.52%	0.960%
67	25.288	3717	3727	3742	rVB2	157430	482728	86.39%	7.199%
68	25.541	3760	3770	3781	rVB3	179344	558804	100.00%	8.333%

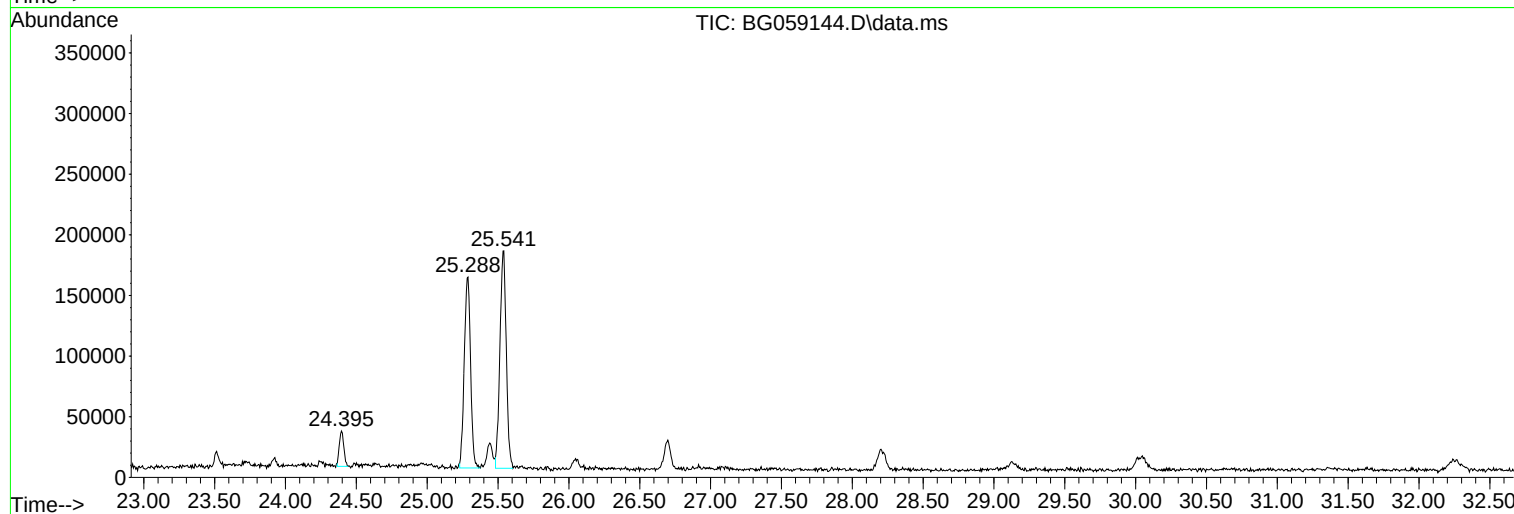
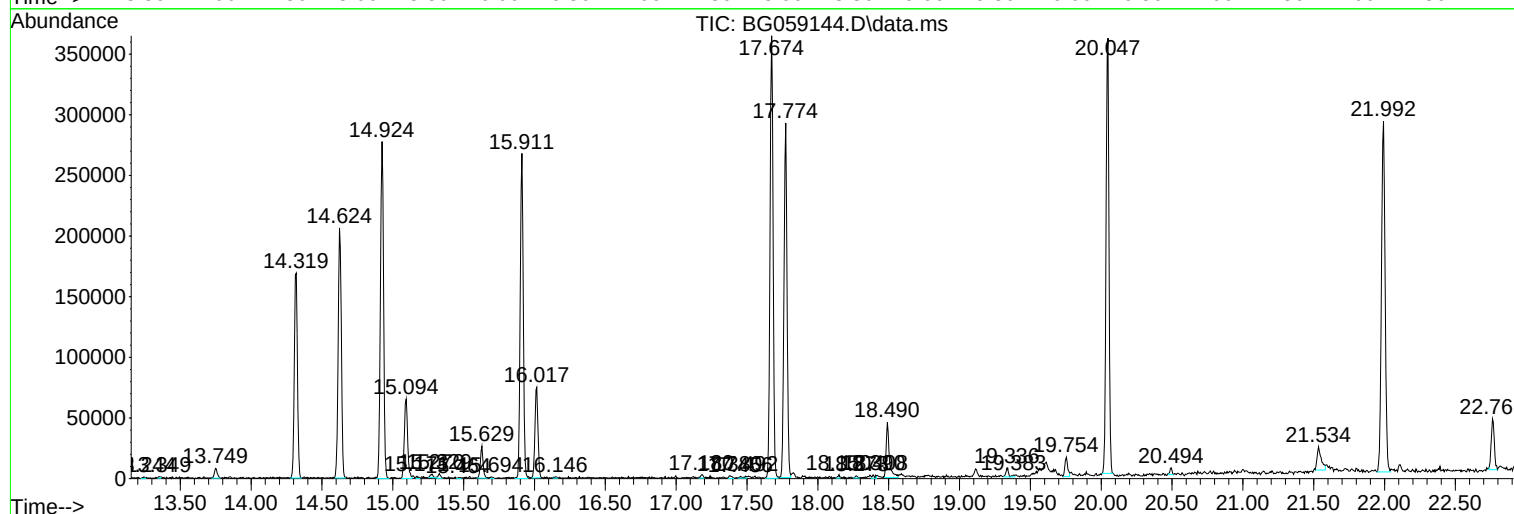
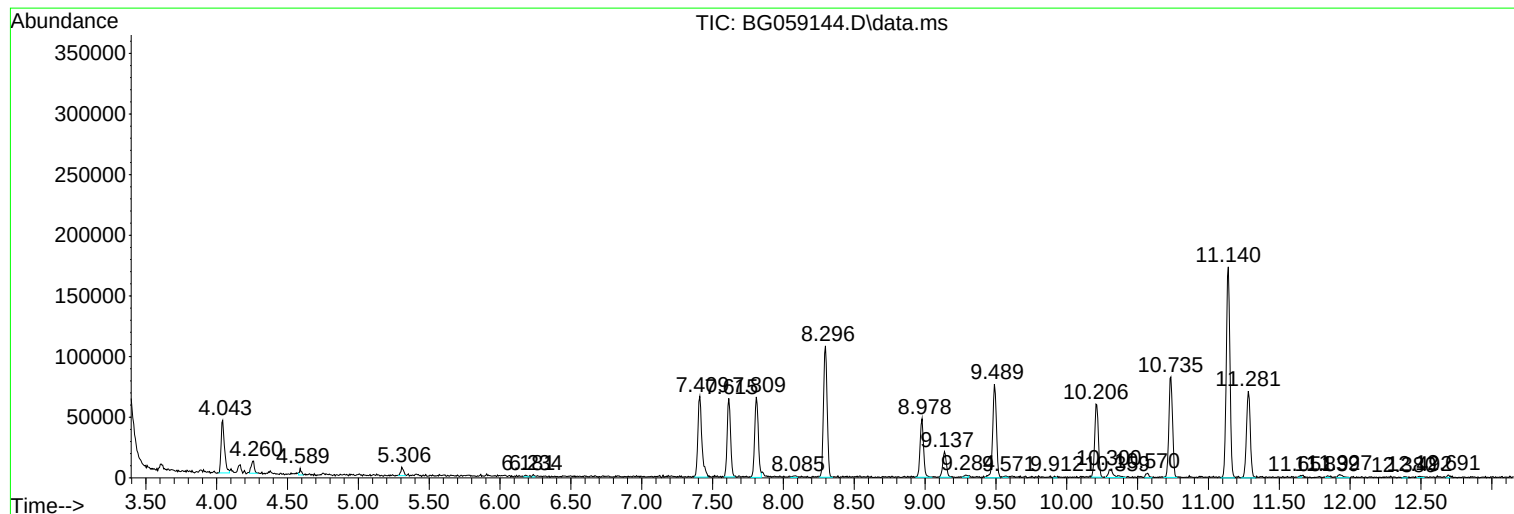
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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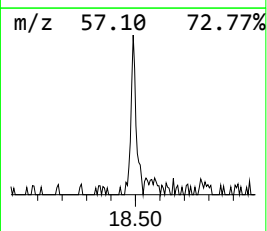
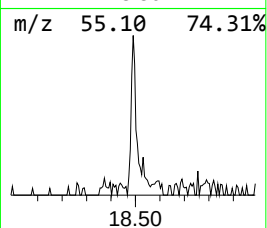
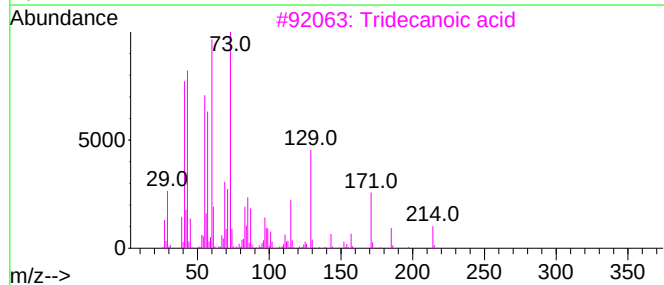
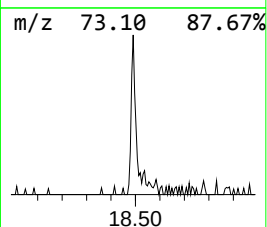
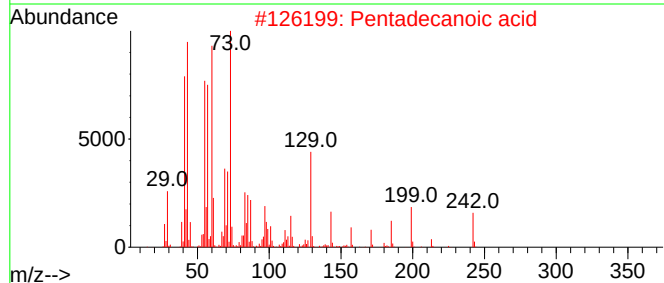
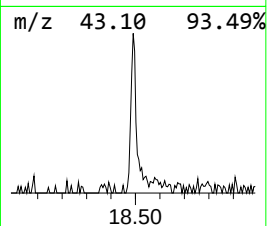
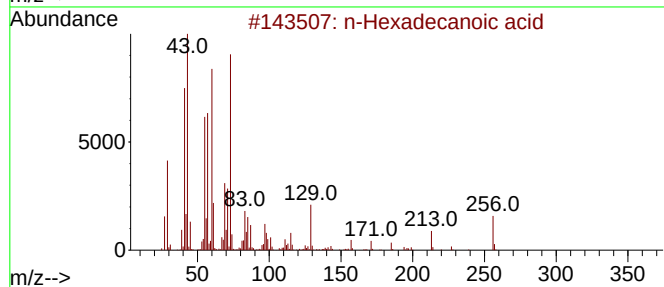
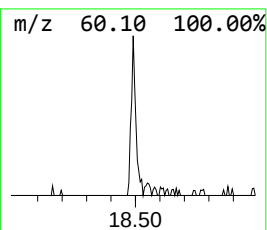
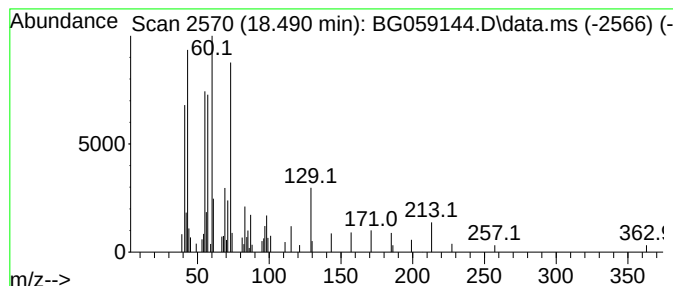
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.490	2.56 ng/ul	70146	Phenanthrene-d10	17.674

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3			Tridecanoic acid	214	C13H26O2	000638-53-9	64
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



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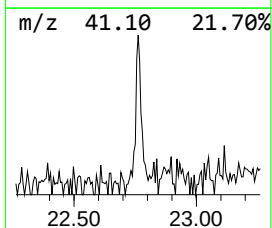
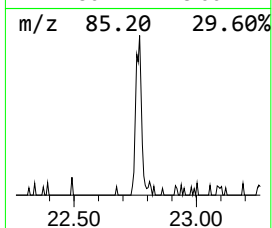
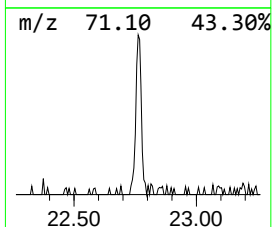
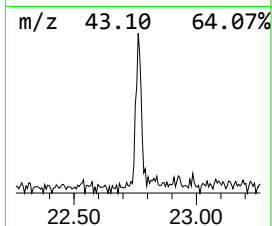
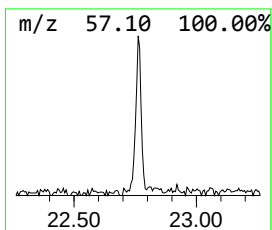
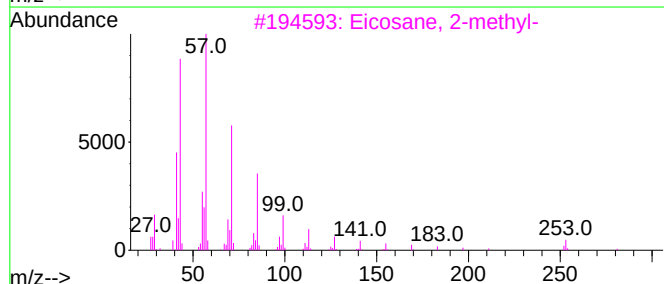
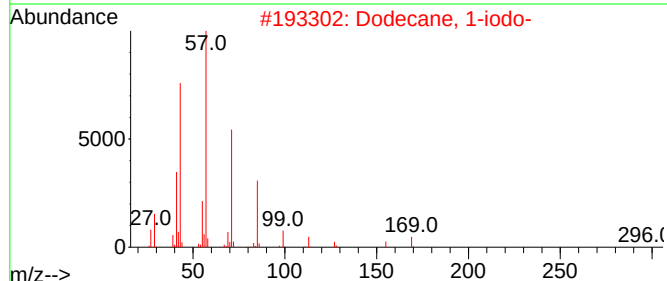
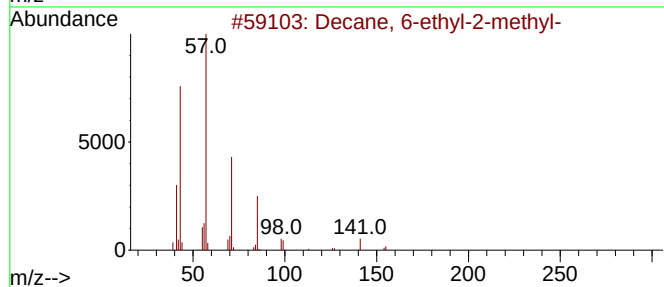
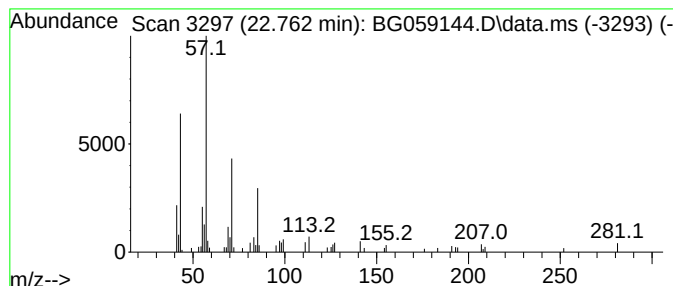
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.762	2.44 ng/ul	63372	Chrysene-d12	21.992

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	64
4		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64
5		Octacosane	394	C28H58	000630-02-4	58



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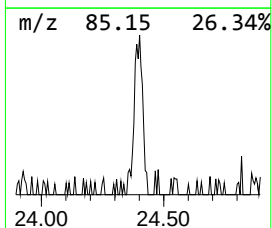
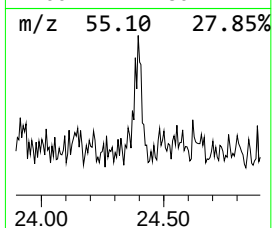
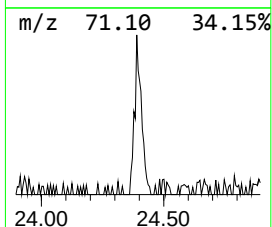
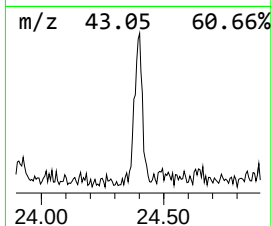
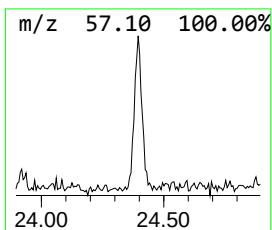
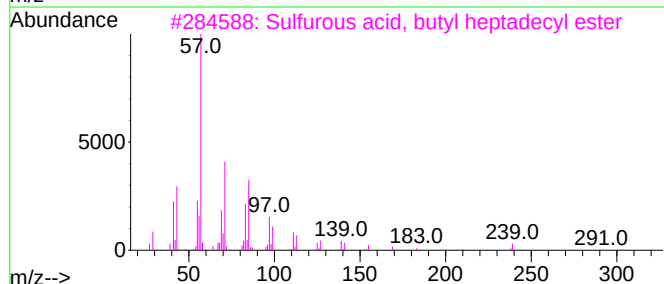
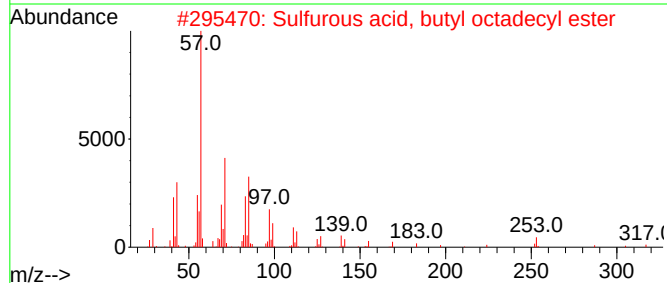
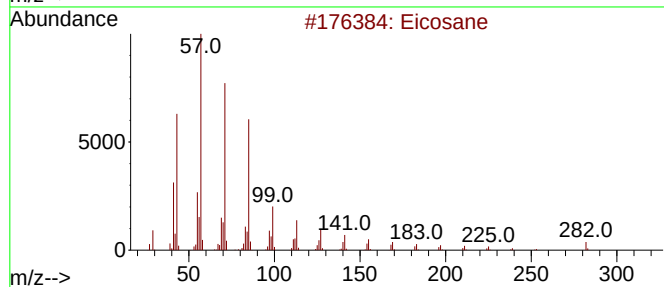
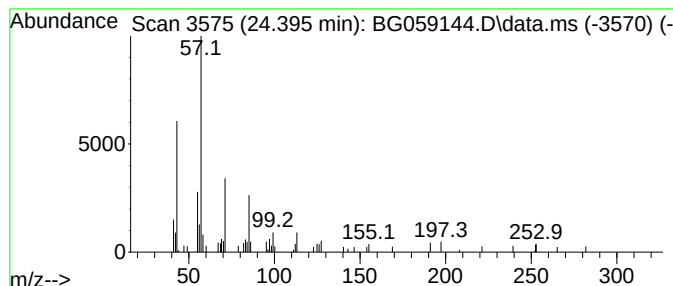
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.395	2.30 ng/ul	64365	Perylene-d12	25.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	89
2			Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	86
3			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	72
4			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	59



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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.490	2.6	ng/ul	70146	4	17.674	547000	20.0
(DEL) Alkane: S...	22.762	2.4	ng/ul	63372	5	21.992	518669	20.0
(DEL) Alkane: S...	24.395	2.3	ng/ul	64365	6	25.535	558804	20.0