

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
 Data File : BM017572.D
 Acq On : 08 Nov 2018 18:37
 Operator : MJ/SJ
 Sample : J5834-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNR4

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-BM102418MA.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	3.205	34	37	47	rVB	49204	75554	0.83%	0.095%
2	3.469	79	82	96	rBV	53771	103961	1.15%	0.130%
3	3.910	151	157	159	rBV4	6369	9573	0.11%	0.012%
4	6.804	642	649	667	rBV2	946325	1861554	20.56%	2.332%
5	6.969	667	677	692	rVB	771568	1205916	13.32%	1.510%
6	7.157	702	709	722	rBV	965747	1581623	17.47%	1.981%
7	7.622	781	788	796	rBV	869758	1388114	15.33%	1.739%
8	7.692	798	800	807	rVB3	8743	13001	0.14%	0.016%
9	8.328	900	908	921	rBV	1141650	1947128	21.51%	2.439%
10	8.775	977	984	996	rBV	955048	1575627	17.40%	1.973%
11	9.175	1045	1052	1058	rVB2	13497	19176	0.21%	0.024%
12	9.486	1098	1105	1122	rBV	762504	1307736	14.44%	1.638%
13	10.022	1189	1196	1218	rBV	1091723	2042862	22.56%	2.559%
14	10.392	1251	1259	1268	rBV	1275559	2094514	23.13%	2.623%
15	10.539	1277	1284	1307	rBV	1025544	2161870	23.88%	2.708%
16	12.022	1528	1536	1543	rBV4	16330	35155	0.39%	0.044%
17	13.686	1812	1819	1823	rBV	2485921	3549570	39.21%	4.446%
18	13.733	1823	1827	1841	rVB	789923	1212641	13.39%	1.519%
19	13.957	1858	1865	1882	rBV	2703715	3989812	44.07%	4.997%
20	14.198	1897	1906	1911	rBV5	13885	29212	0.32%	0.037%
21	14.269	1911	1918	1930	rVV2	1859865	2950701	32.59%	3.696%
22	14.486	1949	1955	1976	rBV	789660	1622651	17.92%	2.032%
23	15.068	2052	2054	2057	rBV4	7580	9881	0.11%	0.012%
24	15.110	2057	2061	2062	rVV	14128	17014	0.19%	0.021%
25	15.127	2062	2064	2068	rVB3	9557	10449	0.12%	0.013%
26	15.263	2080	2087	2097	rBV	3581993	5302719	58.57%	6.642%
27	15.398	2103	2110	2125	rBV	1082855	1672888	18.48%	2.095%
28	15.504	2125	2128	2134	rVB2	42245	62497	0.69%	0.078%
29	15.992	2205	2211	2220	rBV3	73317	188538	2.08%	0.236%
30	16.404	2277	2281	2286	rVB6	8538	10989	0.12%	0.014%
31	16.457	2286	2290	2294	rBV5	6849	11243	0.12%	0.014%
32	16.792	2343	2347	2348	rBV3	9371	10427	0.12%	0.013%
33	17.015	2379	2385	2393	rBV2	2605485	3818373	42.18%	4.782%
34	17.121	2396	2403	2415	rVV	4129840	6058206	66.92%	7.588%

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Max Peaks: 100
Peak Location: TOP

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

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35	17.704	2498	2502	2506	rVB6	11388	19974	0.22%	0.025%
36	17.804	2514	2519	2522	rBV6	10237	16189	0.18%	0.020%
37	17.927	2535	2540	2550	rBV	477996	766641	8.47%	0.960%
38	19.056	2728	2732	2737	rBV	62021	101119	1.12%	0.127%
39	19.215	2754	2759	2770	rBV2	216241	344025	3.80%	0.431%
40	19.309	2771	2775	2779	rVB2	44480	60570	0.67%	0.076%
41	19.421	2787	2794	2804	rBV	5519252	7401733	81.75%	9.271%
42	19.951	2882	2884	2886	rBV3	12281	14154	0.16%	0.018%
43	20.939	3048	3052	3062	rBV2	297023	478543	5.29%	0.599%
44	21.215	3094	3099	3109	rBV	3728595	5248813	57.98%	6.574%
45	21.380	3124	3127	3131	rBV	113946	122978	1.36%	0.154%
46	21.809	3196	3200	3207	rBV2	193766	264249	2.92%	0.331%
47	22.256	3272	3276	3281	rBV	362015	478271	5.28%	0.599%
48	22.750	3356	3360	3367	rVB	456268	641405	7.08%	0.803%
49	23.274	3442	3449	3462	rBV	4706747	9053578	100.00%	11.340%
50	23.415	3466	3473	3483	rVB	2712936	5171263	57.12%	6.477%
51	23.927	3555	3560	3568	rVB	496423	889931	9.83%	1.115%
52	24.650	3678	3683	3691	rVB2	409330	816029	9.01%	1.022%

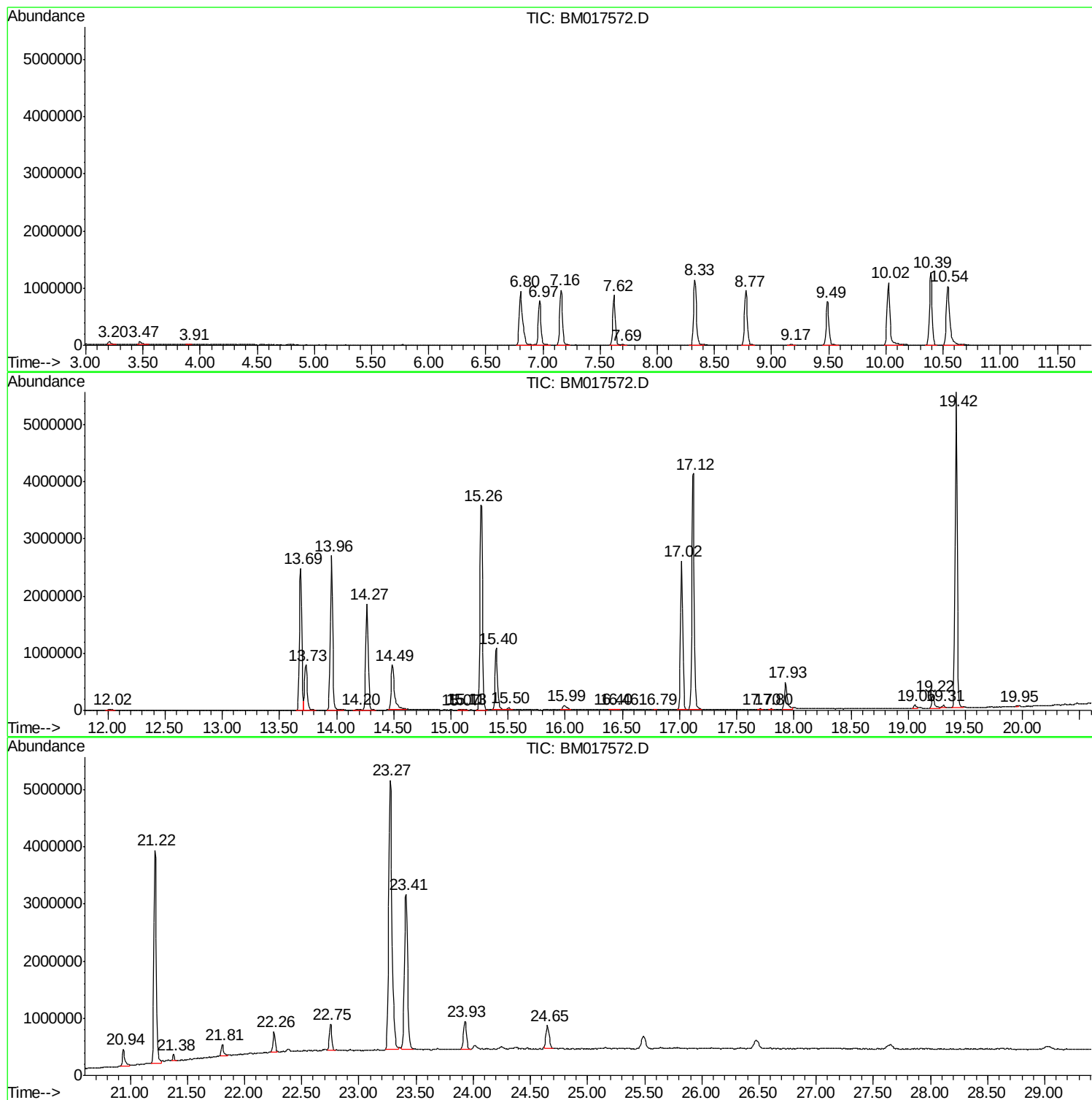
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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



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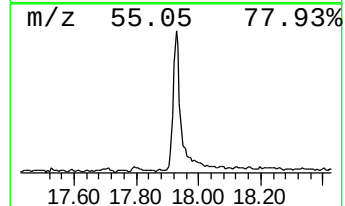
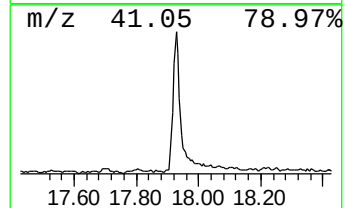
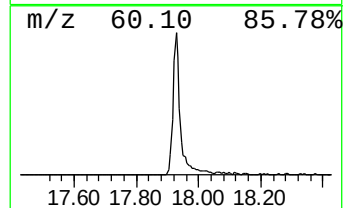
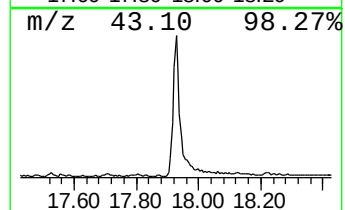
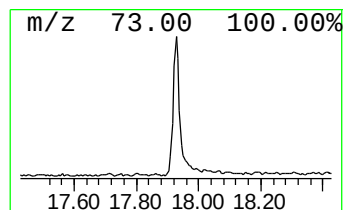
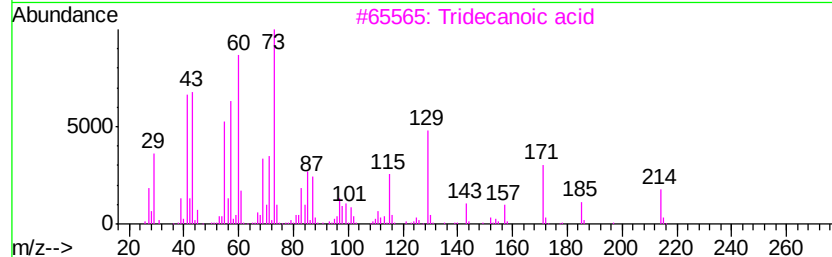
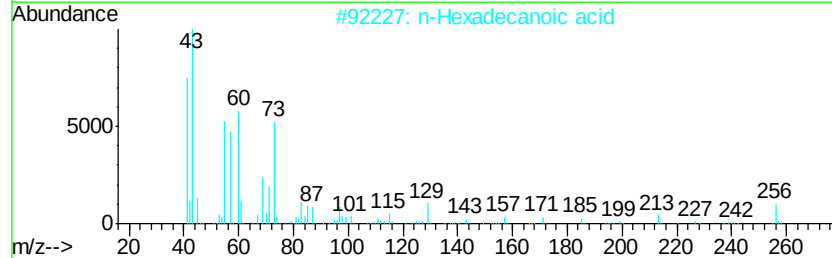
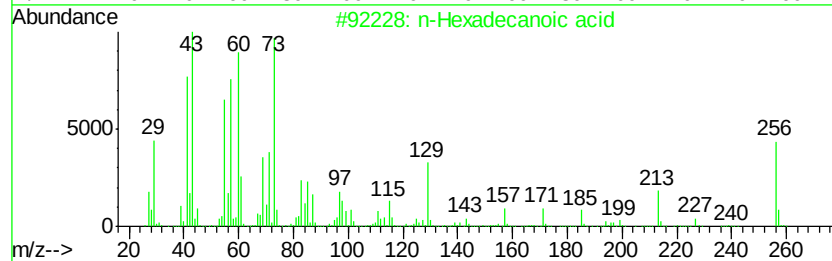
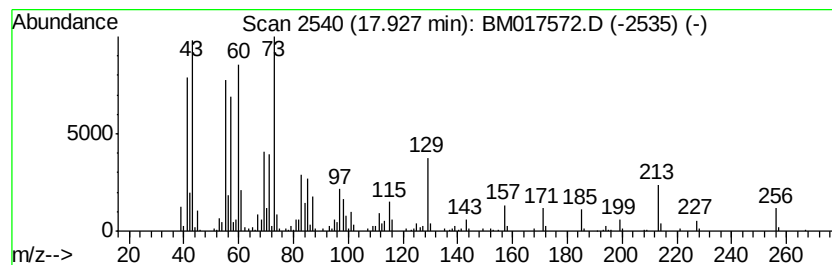
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.02 ng/ul	766641	Phenanthrene-d10	17.02
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	95
3	Tridecanoic acid	214 C13H26O2	000638-53-9	92
4	Tridecanoic acid	214 C13H26O2	000638-53-9	91
5	Tetradecanoic acid	228 C14H28O2	000544-63-8	90



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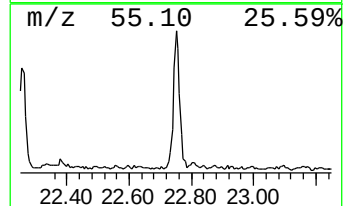
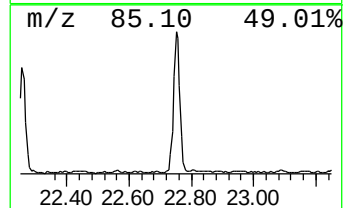
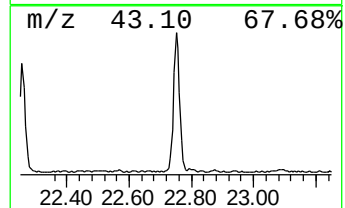
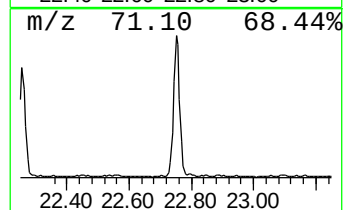
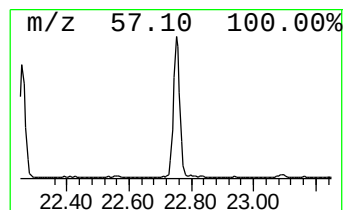
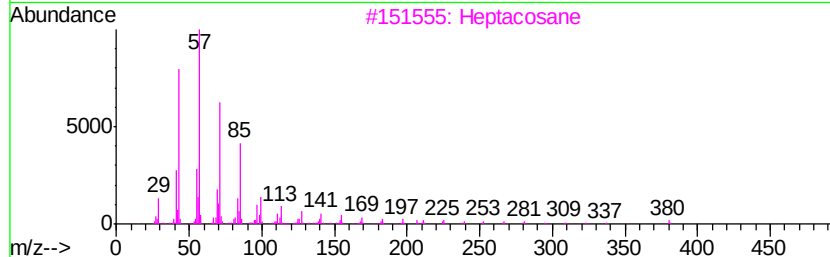
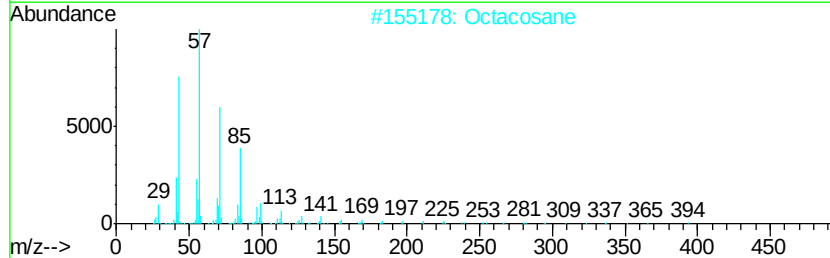
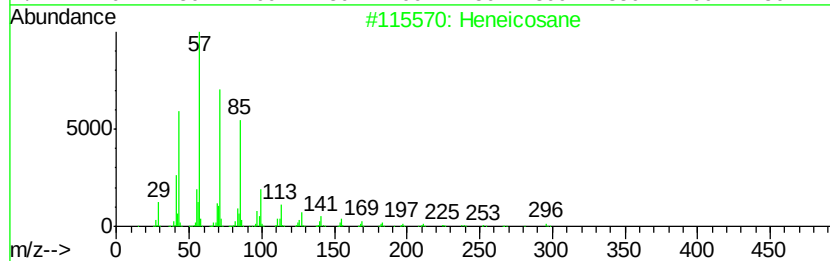
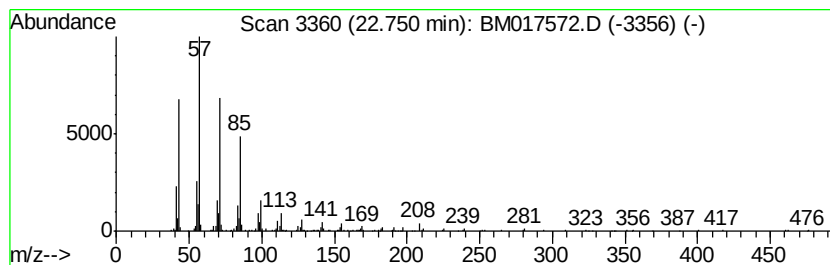
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	2.48 ng/ul	641405	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



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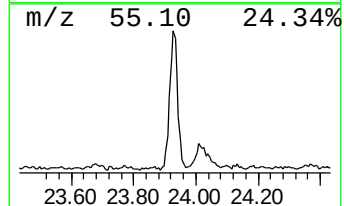
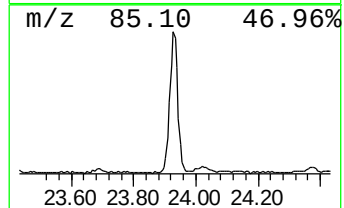
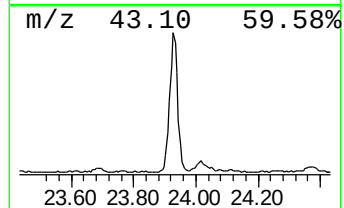
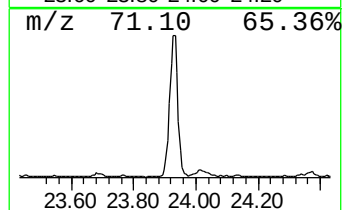
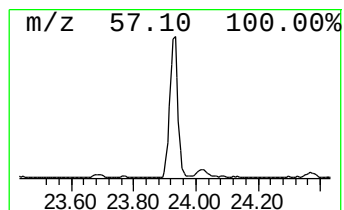
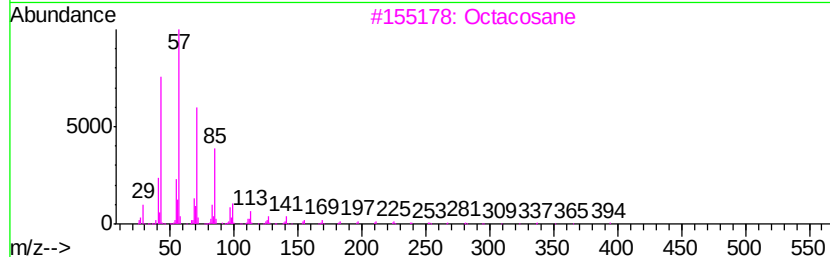
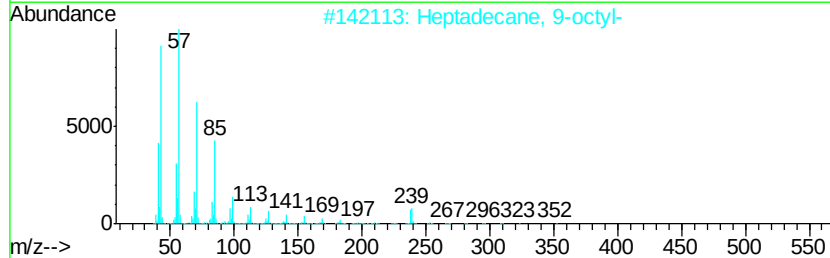
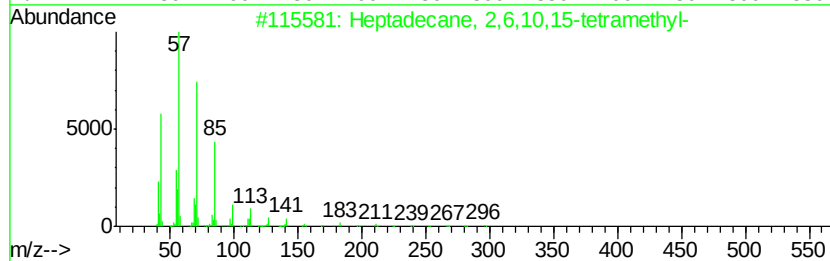
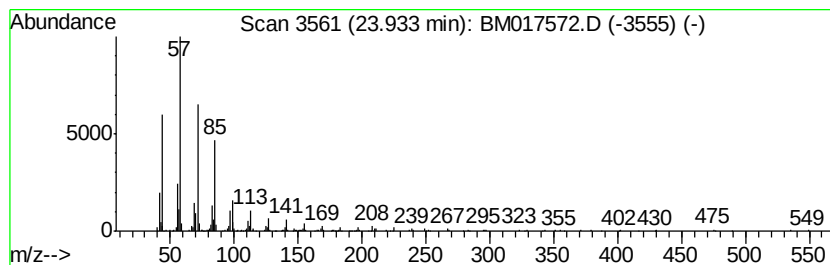
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	3.44 ng/ul	889931	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		triacontane	422	C30H62	000638-68-6	87



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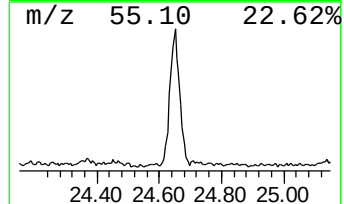
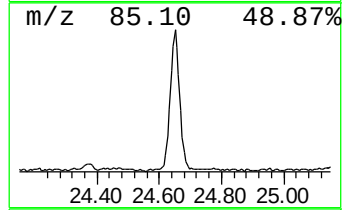
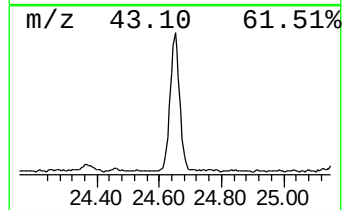
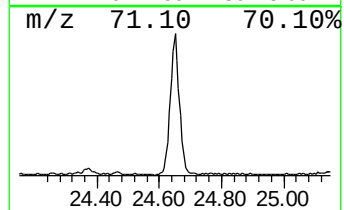
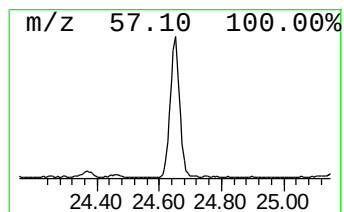
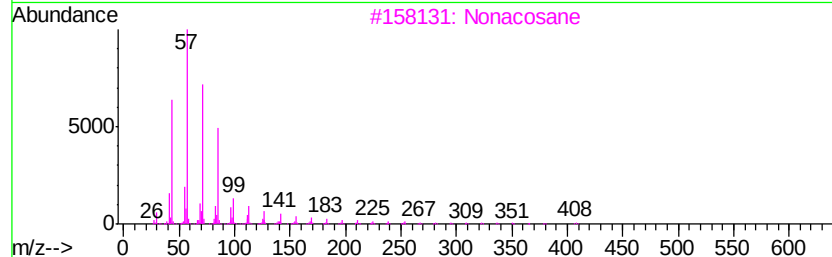
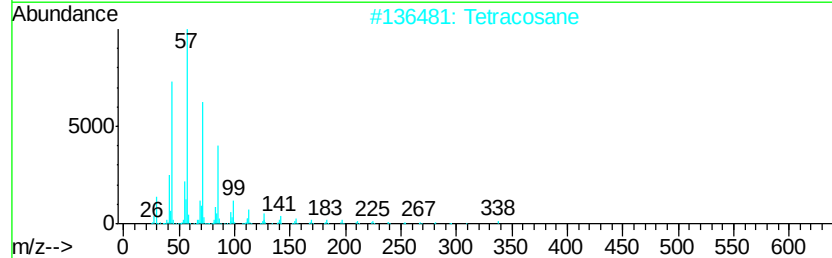
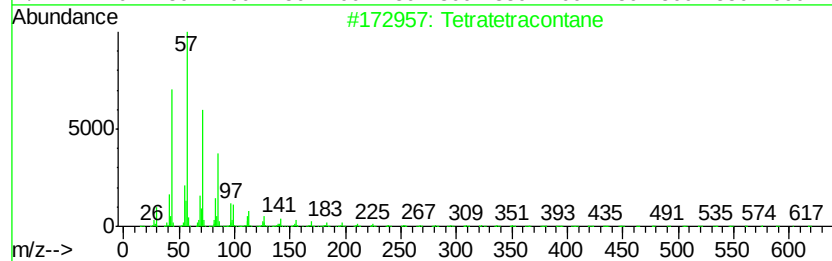
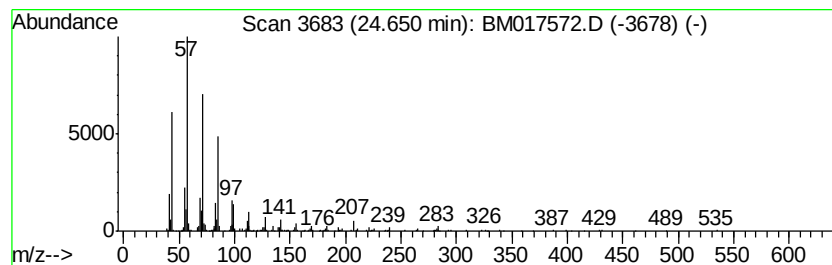
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	3.16 ng/ul	816029	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Nonacosane	408	C29H60	000630-03-5	87
4		triacontane	422	C30H62	000638-68-6	87
5		Heneicosane	296	C21H44	000629-94-7	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.93	4.0	ng/ul	766641	4	17.02	3818370	20.0
(DEL) Alkane: Str...	22.75	2.5	ng/ul	641405	6	23.41	5171260	20.0
(DEL) Alkane: Str...	23.93	3.4	ng/ul	889931	6	23.41	5171260	20.0
(DEL) Alkane: Str...	24.65	3.2	ng/ul	816029	6	23.41	5171260	20.0