

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005300.D
 Acq On : 26 Apr 2019 03:01
 Operator : JU/SJ
 Sample : K2481-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW9

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_N\METHODS\SOM-EPA-BN041919MA.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	3.216	35	39	46	rVB	76967	103626	0.95%	0.083%
2	5.722	462	465	471	rVB3	16787	24550	0.22%	0.020%
3	6.775	637	644	655	rBV	1363125	2188332	20.00%	1.762%
4	6.940	666	672	683	rVB	1098683	1709690	15.63%	1.376%
5	7.128	698	704	715	rBV	1392084	2202583	20.13%	1.773%
6	7.593	776	783	791	rBV	1688174	2669202	24.40%	2.149%
7	7.663	791	795	807	rVB	43537	76394	0.70%	0.061%
8	8.293	895	902	913	rBV	1751563	2857562	26.12%	2.300%
9	8.734	970	977	986	rBV	1430916	2304514	21.06%	1.855%
10	9.181	1049	1053	1058	rVB3	29213	41146	0.38%	0.033%
11	9.446	1090	1098	1107	rBV	1177236	1926385	17.61%	1.551%
12	9.975	1181	1188	1198	rBV	1766721	2993660	27.36%	2.410%
13	10.351	1245	1252	1260	rBV	2366788	3999574	36.55%	3.220%
14	10.404	1260	1261	1265	rVB3	14588	12941	0.12%	0.010%
15	10.493	1268	1276	1294	rVB	1813735	3200792	29.25%	2.577%
16	10.745	1313	1319	1324	rBV7	10469	20479	0.19%	0.016%
17	11.951	1518	1524	1532	rVB3	25558	49504	0.45%	0.040%
18	12.034	1532	1538	1540	rBV5	6675	10947	0.10%	0.009%
19	13.063	1709	1713	1719	rVB6	7836	13367	0.12%	0.011%
20	13.457	1776	1780	1785	rVB4	10689	16336	0.15%	0.013%
21	13.645	1805	1812	1816	rBV	3982611	5404051	49.39%	4.350%
22	13.692	1816	1820	1831	rVB	813529	1160827	10.61%	0.934%
23	13.916	1850	1858	1868	rBV	4108865	6164319	56.34%	4.962%
24	14.157	1894	1899	1903	rVB4	10514	12935	0.12%	0.010%
25	14.228	1903	1911	1922	rBV2	3762835	5704852	52.14%	4.592%
26	14.428	1939	1945	1965	rBV	1703382	2645269	24.18%	2.129%
27	14.663	1981	1985	1989	rBV7	9748	17572	0.16%	0.014%
28	15.057	2047	2052	2056	rBV4	10916	18291	0.17%	0.015%
29	15.110	2058	2061	2065	rVB5	15487	16454	0.15%	0.013%
30	15.228	2074	2081	2091	rBV	5458435	7824533	71.51%	6.299%
31	15.345	2095	2101	2114	rBV	1537777	2277395	20.81%	1.833%
32	15.469	2118	2122	2127	rVB	65037	94371	0.86%	0.076%
33	15.610	2142	2146	2150	rVB7	6656	11524	0.11%	0.009%
34	15.980	2205	2209	2210	rBV2	10909	12429	0.11%	0.010%

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35	16.010	2210	2214	2221	rVB8	24018	40406	0.37%	0.033%
36	16.180	2240	2243	2249	rVB7	8800	13633	0.12%	0.011%
37	16.345	2265	2271	2274	rBV6	5243	12074	0.11%	0.010%
38	16.663	2321	2325	2329	rBV6	16756	24526	0.22%	0.020%
39	16.769	2338	2343	2350	rBV2	31834	49647	0.45%	0.040%
40	16.980	2372	2379	2389	rBV2	5201402	7342701	67.11%	5.911%
41	17.080	2389	2396	2404	rBV	6257455	8915425	81.48%	7.177%
42	17.510	2466	2469	2476	rBV7	11264	21108	0.19%	0.017%
43	17.780	2512	2515	2518	rBV3	9213	11160	0.10%	0.009%
44	17.910	2531	2537	2554	rBV2	644099	1279275	11.69%	1.030%
45	18.216	2584	2589	2591	rBV6	17735	25635	0.23%	0.021%
46	18.851	2694	2697	2702	rVB2	30760	34027	0.31%	0.027%
47	19.022	2722	2726	2729	rBV	83634	109613	1.00%	0.088%
48	19.051	2729	2731	2733	rVV2	13505	10953	0.10%	0.009%
49	19.204	2752	2757	2765	rBV	439888	732443	6.69%	0.590%
50	19.274	2766	2769	2776	rVB	95370	155927	1.43%	0.126%
51	19.392	2782	2789	2795	rBV2	7836112	10941397	100.00%	8.808%
52	19.439	2795	2797	2801	rVB	102392	98555	0.90%	0.079%
53	19.980	2885	2889	2895	rBV	323616	371656	3.40%	0.299%
54	20.357	2950	2953	2956	rVB4	31357	31452	0.29%	0.025%
55	20.486	2970	2975	2985	rBV	712848	815169	7.45%	0.656%
56	20.957	3050	3055	3060	rBV	1057538	1376474	12.58%	1.108%
57	21.210	3092	3098	3106	rBV	6572654	8614323	78.73%	6.935%
58	21.398	3126	3130	3137	rBV	745363	899659	8.22%	0.724%
59	21.833	3200	3204	3211	rBV	682447	833512	7.62%	0.671%
60	22.292	3278	3282	3290	rVB	609073	758035	6.93%	0.610%
61	22.792	3362	3367	3374	rBV	568539	818309	7.48%	0.659%
62	23.274	3441	3449	3456	rBV2	5862693	10707320	97.86%	8.619%
63	23.345	3456	3461	3465	rVV	533181	861715	7.88%	0.694%
64	23.410	3465	3472	3485	rVB	4589728	8378263	76.57%	6.745%
65	23.980	3564	3569	3577	rVB	447041	810958	7.41%	0.653%
66	24.709	3687	3693	3700	rVB	364400	770263	7.04%	0.620%
67	25.556	3832	3837	3845	rVB2	242090	571389	5.22%	0.460%

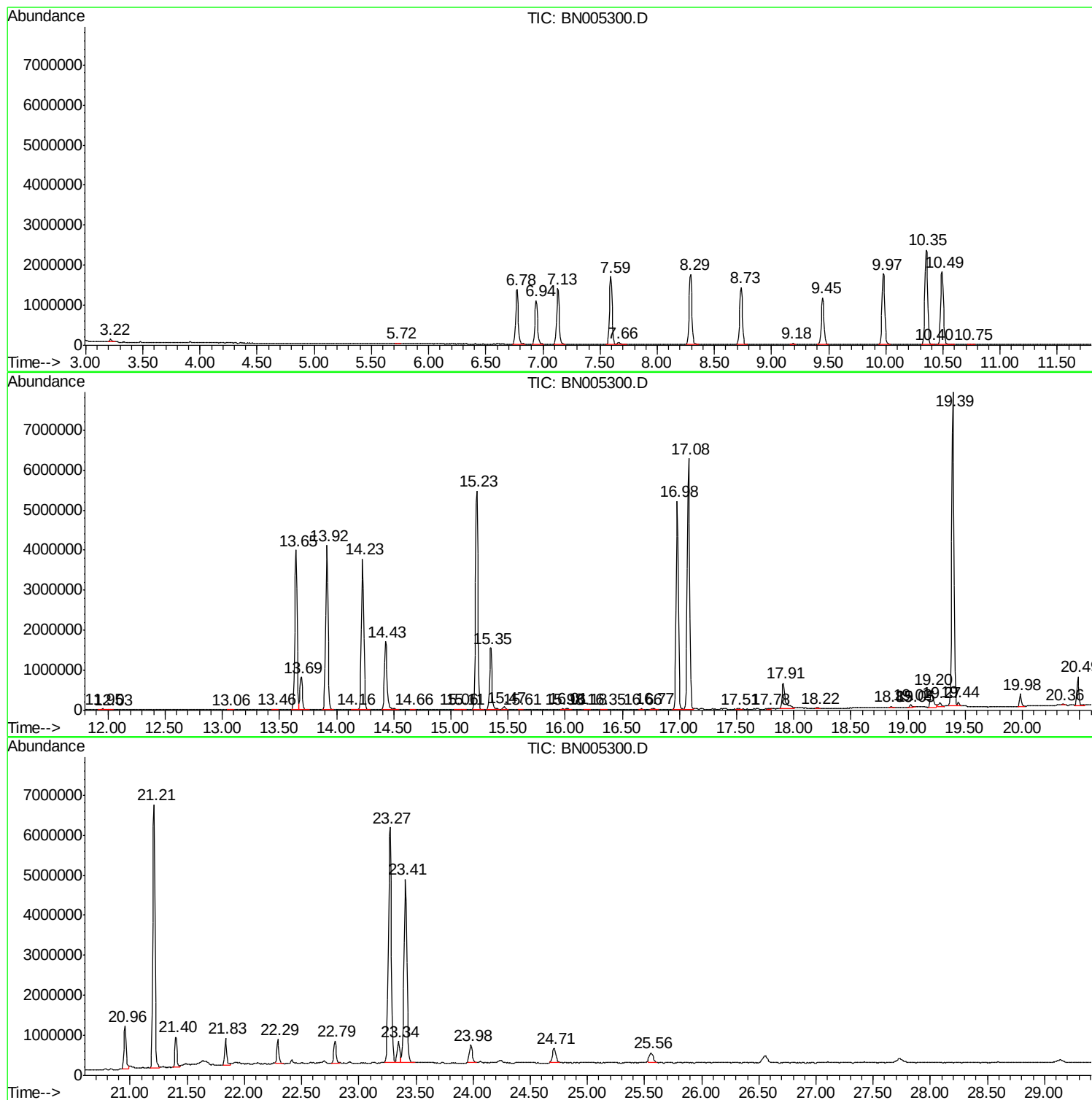
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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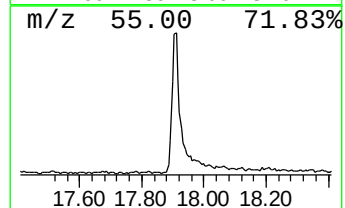
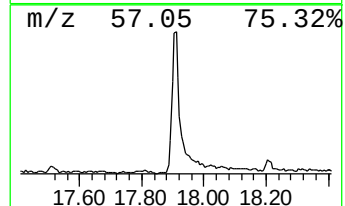
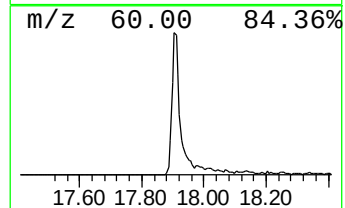
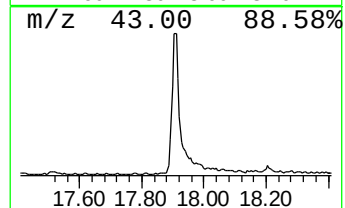
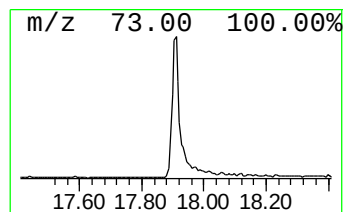
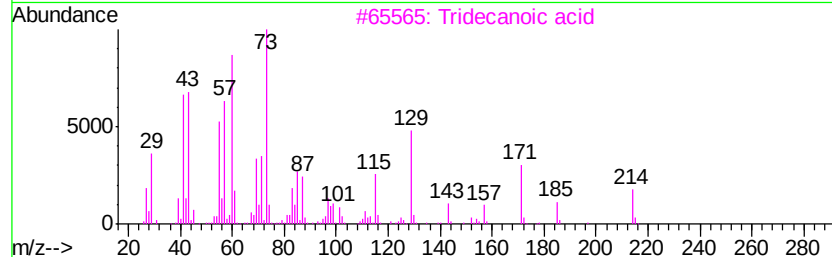
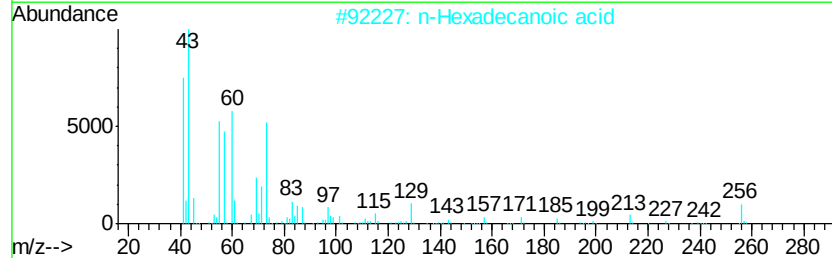
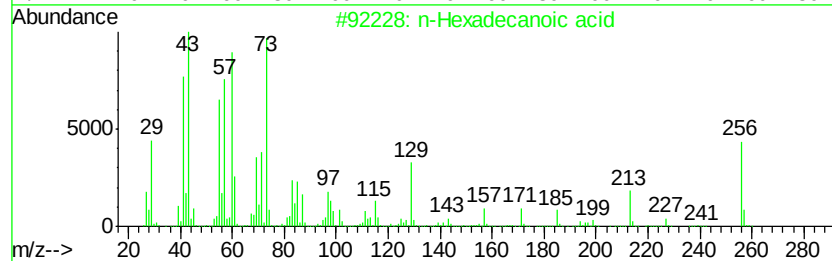
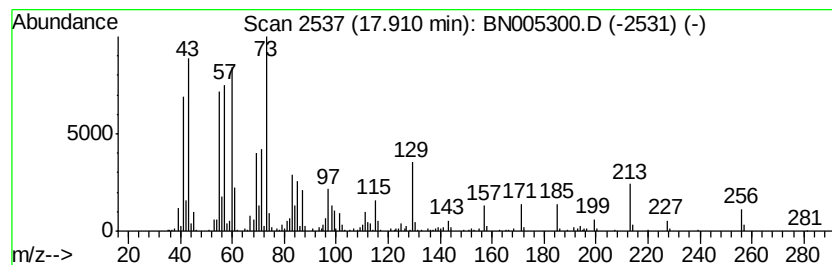
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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.		
17.91	3.48 ng/ul	1279280	Phenanthrene-d10		16.98		
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	96
3			Tridecanoic acid	214	C13H26O2	000638-53-9	95
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89



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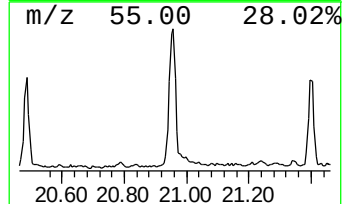
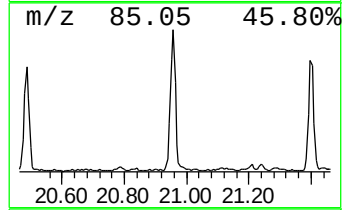
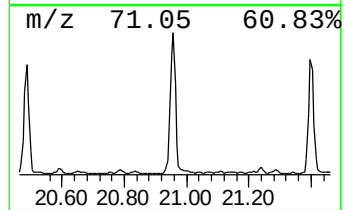
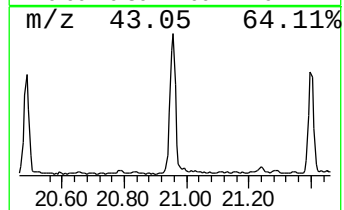
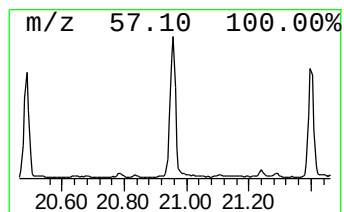
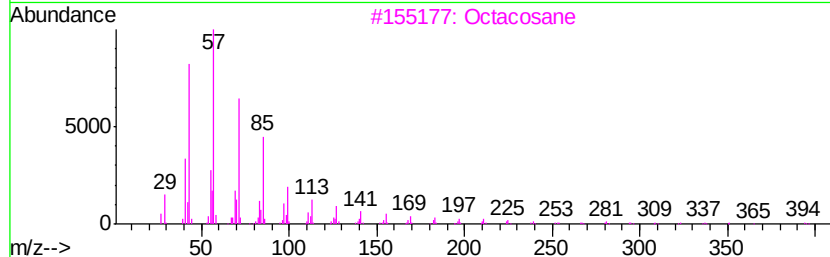
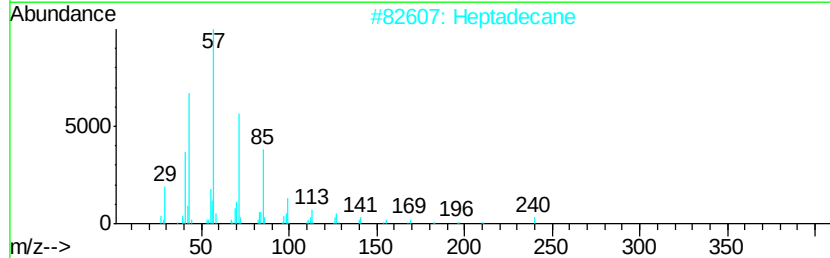
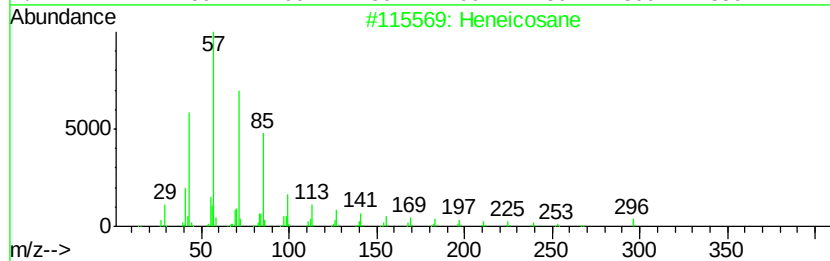
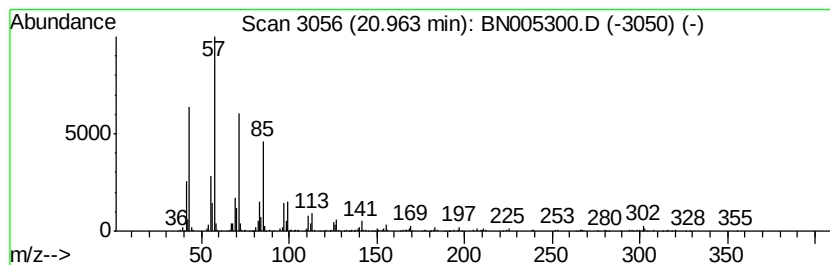
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.20 ng/ul	1376470	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane	240	C17H36	000629-78-7	93
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Octacosane	394	C28H58	000630-02-4	91



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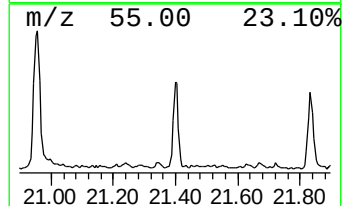
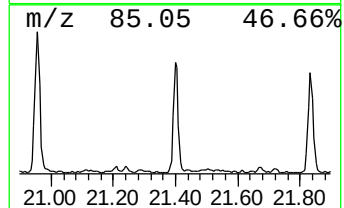
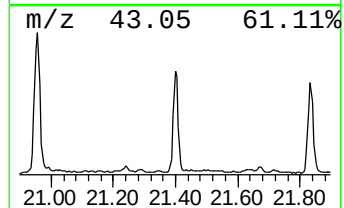
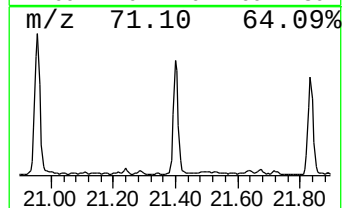
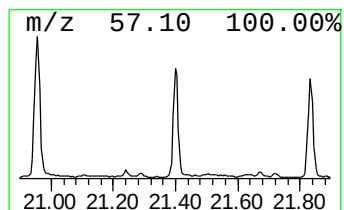
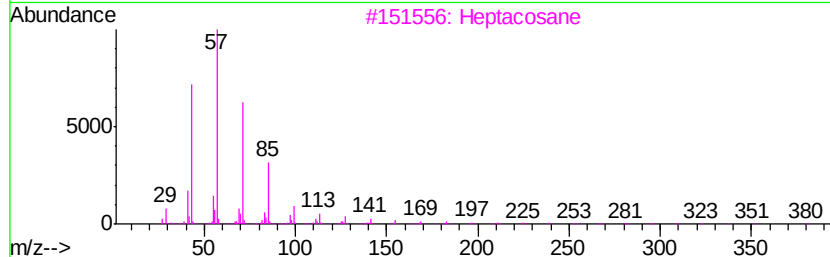
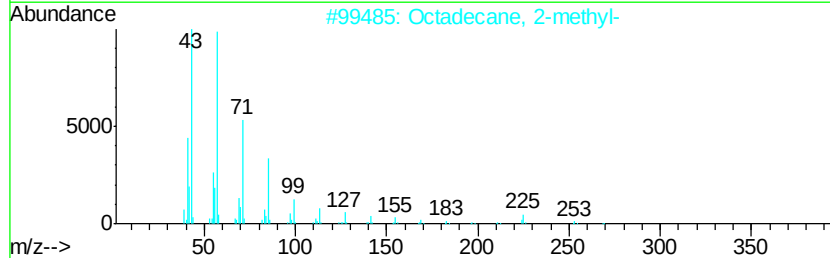
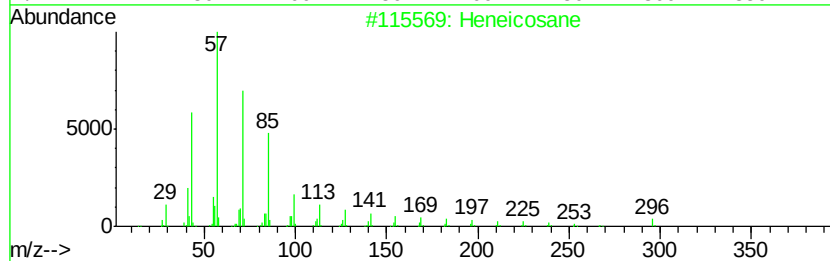
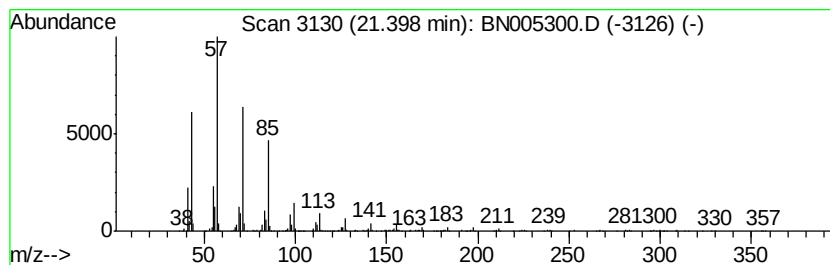
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.09 ng/ul	899659	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3			Heptacosane	380	C27H56	000593-49-7	91
4			Pentacosane	352	C25H52	000629-99-2	91
5			Octacosane	394	C28H58	000630-02-4	91



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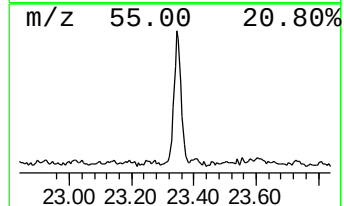
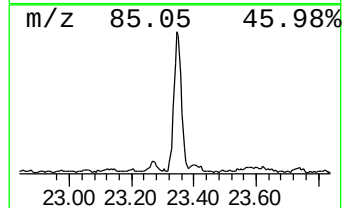
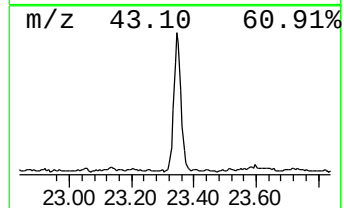
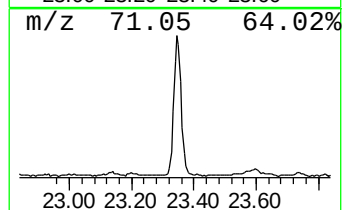
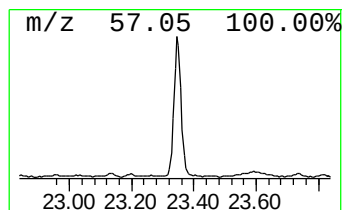
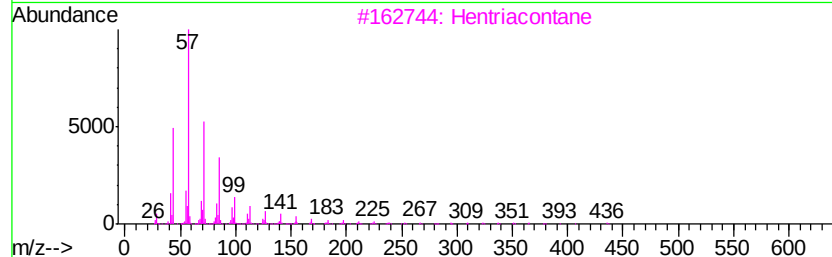
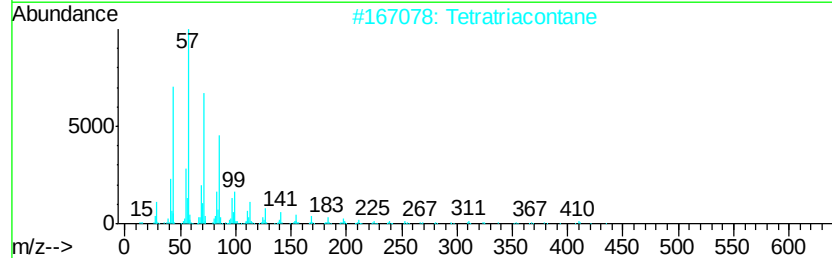
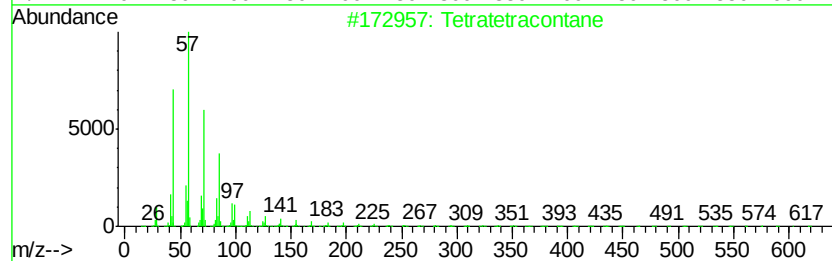
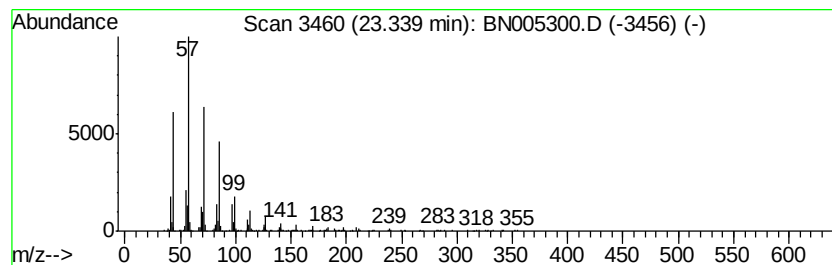
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	2.06 ng/ul	861715	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.91	3.5	ng/ul	1279280	4	16.98	7342700	20.0
(DEL) Alkane: Str...	20.96	3.2	ng/ul	1376470	5	21.21	8614320	20.0
(DEL) Alkane: Str...	21.40	2.1	ng/ul	899659	5	21.21	8614320	20.0
(DEL) Alkane: Str...	23.34	2.1	ng/ul	861715	6	23.41	8378260	20.0