

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022619\
 Data File : BN004515.D
 Acq On : 27 Feb 2019 00:51
 Operator : JU/SJ
 Sample : K1553-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF5X0

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-BN020719MA.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	3.240	40	43	49	rVB	5452	7762	0.74%	0.085%
2	3.752	128	130	136	rVB2	1746	1621	0.15%	0.018%
3	4.864	315	319	324	rVB2	1526	2377	0.23%	0.026%
4	6.893	659	664	673	rBV	66119	106681	10.14%	1.167%
5	7.075	690	695	706	rBB	49977	76116	7.23%	0.833%
6	7.263	722	727	734	rBB	74046	109692	10.42%	1.200%
7	7.381	743	747	750	rBB	1680	2305	0.22%	0.025%
8	7.740	802	808	814	rBB	109781	171262	16.27%	1.874%
9	8.428	920	925	932	rBB	91138	137135	13.03%	1.501%
10	8.557	943	947	952	rBB	4328	6158	0.59%	0.067%
11	8.899	999	1005	1011	rBB	67133	105739	10.05%	1.157%
12	9.257	1063	1066	1068	rBB	1340	1240	0.12%	0.014%
13	9.610	1121	1126	1132	rBB	54969	83878	7.97%	0.918%
14	10.140	1210	1216	1222	rBB	102673	161081	15.31%	1.763%
15	10.522	1274	1281	1288	rBB	183641	294683	28.00%	3.225%
16	10.663	1299	1305	1315	rBB	77322	126979	12.07%	1.389%
17	12.110	1548	1551	1554	rBB	1135	1312	0.12%	0.014%
18	13.787	1830	1836	1840	rBV	203858	273021	25.94%	2.988%
19	13.834	1840	1844	1849	rVB	39331	50829	4.83%	0.556%
20	14.069	1878	1884	1890	rBV	232469	321578	30.56%	3.519%
21	14.375	1930	1936	1943	rBB2	297437	439507	41.77%	4.809%
22	14.439	1944	1947	1950	rBB	2375	2818	0.27%	0.031%
23	14.569	1964	1969	1975	rBB	72777	93640	8.90%	1.025%
24	14.775	2001	2004	2007	rBB	1420	1703	0.16%	0.019%
25	15.163	2067	2070	2072	rBB	1098	1055	0.10%	0.012%
26	15.369	2099	2105	2111	rBB	319042	443630	42.16%	4.854%
27	15.422	2111	2114	2117	rBB	1940	2327	0.22%	0.025%
28	15.486	2120	2125	2130	rBB	46125	55470	5.27%	0.607%
29	15.604	2143	2145	2148	rBB	1377	1610	0.15%	0.018%
30	17.122	2397	2403	2408	rBV2	415755	570250	54.19%	6.240%
31	17.163	2408	2410	2414	rVV	22261	25199	2.39%	0.276%
32	17.222	2414	2420	2429	rVB	361995	482366	45.84%	5.278%
33	17.528	2469	2472	2476	rBV	1417	1903	0.18%	0.021%
34	17.886	2528	2533	2537	rBV	9176	12045	1.14%	0.132%

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35	18.004	2548	2553	2563	rBV2	58583	79751	7.58%	0.873%
36	18.086	2565	2567	2571	rVB	2215	2200	0.21%	0.024%
37	18.192	2582	2585	2588	rVB	1983	2209	0.21%	0.024%
38	18.298	2601	2603	2606	rBV	2091	1440	0.14%	0.016%
39	18.351	2608	2612	2618	rVV	3138	3431	0.33%	0.038%
40	18.933	2708	2711	2715	rVB2	2473	2666	0.25%	0.029%
41	19.186	2745	2754	2760	rBV	58495	86139	8.19%	0.943%
42	19.292	2766	2772	2780	rBV	28717	39641	3.77%	0.434%
43	19.404	2789	2791	2795	rBV	1975	2622	0.25%	0.029%
44	19.439	2795	2797	2804	rVB2	2469	2759	0.26%	0.030%
45	19.522	2805	2811	2821	rVB2	499931	708984	67.37%	7.758%
46	19.622	2825	2828	2830	rVB	1494	1451	0.14%	0.016%
47	19.727	2841	2846	2851	rBV	3538	5185	0.49%	0.057%
48	19.810	2857	2860	2862	rBV	962	1133	0.11%	0.012%
49	19.869	2864	2870	2873	rBV4	1479	3342	0.32%	0.037%
50	19.951	2881	2884	2888	rVB2	1160	1394	0.13%	0.015%
51	20.010	2892	2894	2897	rBV2	2588	3532	0.34%	0.039%
52	20.051	2897	2901	2906	rVB3	11101	15698	1.49%	0.172%
53	20.098	2906	2909	2910	rBV2	1200	1107	0.11%	0.012%
54	20.116	2910	2912	2914	rBV2	1776	1575	0.15%	0.017%
55	20.151	2914	2918	2922	rBV	6883	8626	0.82%	0.094%
56	20.198	2922	2926	2928	rBV3	2656	4513	0.43%	0.049%
57	20.304	2941	2944	2945	rBV3	1855	1901	0.18%	0.021%
58	20.345	2949	2951	2953	rVV	1373	1275	0.12%	0.014%
59	20.386	2953	2958	2961	rVV4	2493	4455	0.42%	0.049%
60	20.492	2972	2976	2978	rBV3	2401	3231	0.31%	0.035%
61	20.551	2982	2986	2990	rBV	14424	17773	1.69%	0.194%
62	20.751	3018	3020	3022	rBV2	2797	2554	0.24%	0.028%
63	20.774	3022	3024	3025	rBV2	1570	1077	0.10%	0.012%
64	21.016	3061	3065	3073	rVB5	27872	41935	3.99%	0.459%
65	21.092	3075	3078	3083	rVB2	8413	11008	1.05%	0.120%
66	21.221	3097	3100	3104	rVB	15945	16376	1.56%	0.179%
67	21.316	3110	3116	3121	rBV	741116	973464	92.51%	10.652%
68	21.357	3121	3123	3128	rVB	21018	21690	2.06%	0.237%
69	21.457	3136	3140	3147	rBV2	35467	51613	4.90%	0.565%
70	21.821	3198	3202	3207	rBV	53840	64518	6.13%	0.706%
71	21.892	3211	3214	3217	rBV	37992	40112	3.81%	0.439%

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72	21.968	3223	3227	3233	rVB2	73207	96531	9.17%	1.056%
73	22.127	3250	3254	3258	rBV3	35887	48328	4.59%	0.529%
74	22.357	3289	3293	3298	rVB	58394	81279	7.72%	0.889%
75	22.486	3311	3315	3321	rVB	60771	80251	7.63%	0.878%
76	22.868	3376	3380	3384	rBV	60198	87683	8.33%	0.959%
77	23.439	3470	3477	3492	rVB	521167	975844	92.73%	10.678%
78	23.586	3494	3502	3515	rVB	542225	1052307	100.00%	11.515%
79	24.086	3582	3587	3595	rVB	60679	115132	10.94%	1.260%
80	24.845	3709	3716	3727	rVB	49922	119043	11.31%	1.303%
81	25.721	3859	3865	3875	rVB2	26825	74977	7.13%	0.820%

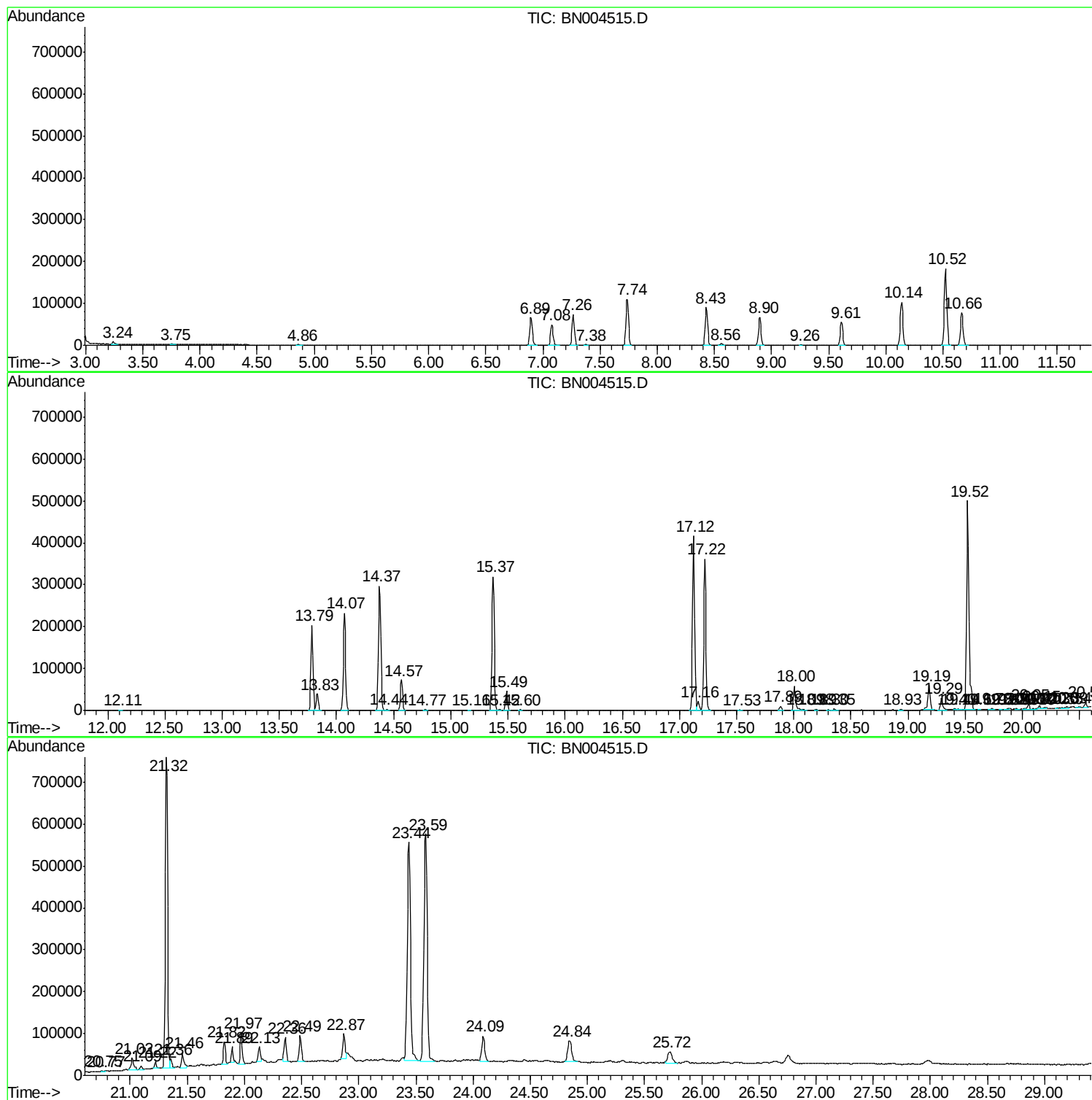
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

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



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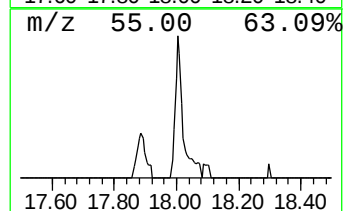
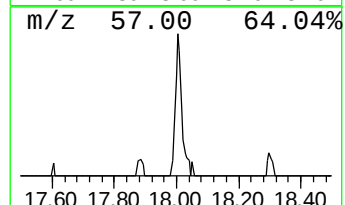
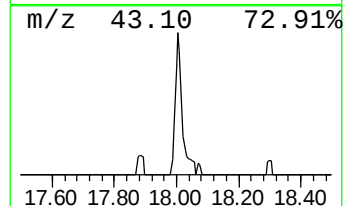
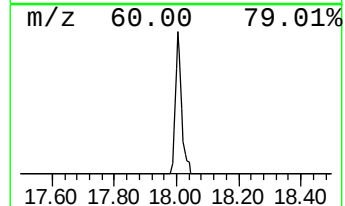
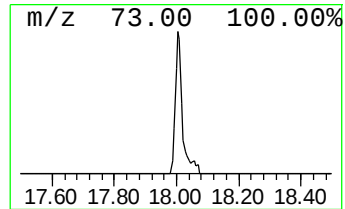
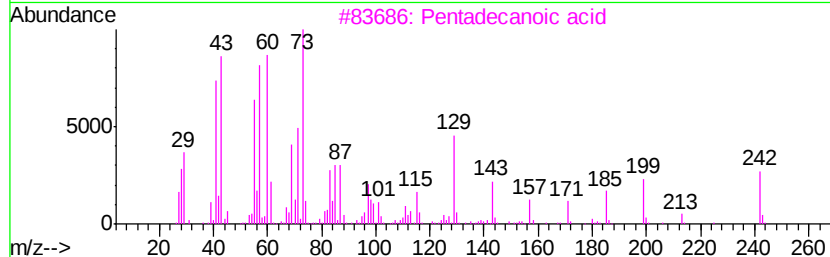
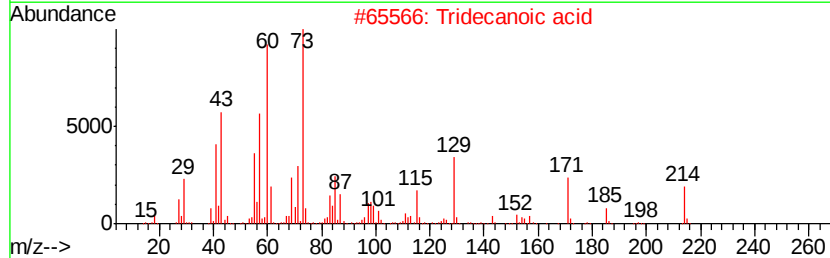
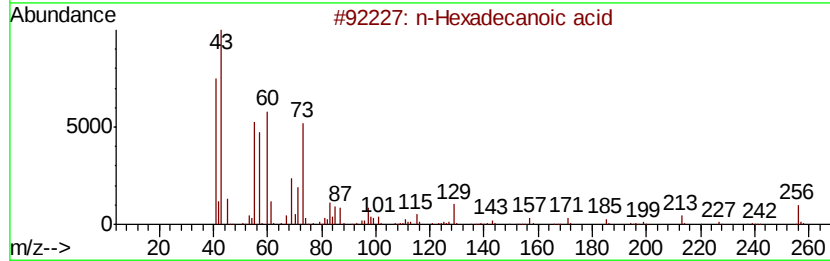
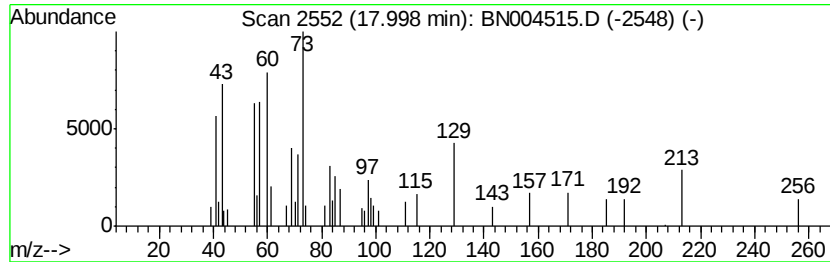
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

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.
18.00	2.80 ng/ul	79751	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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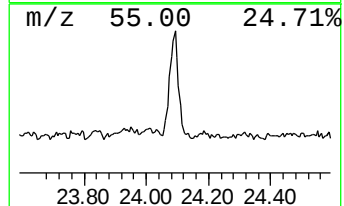
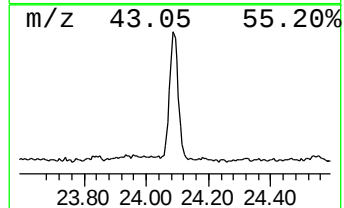
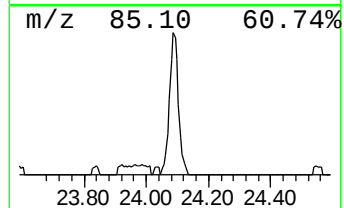
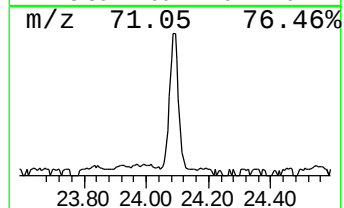
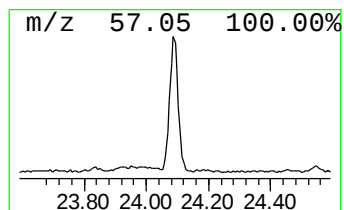
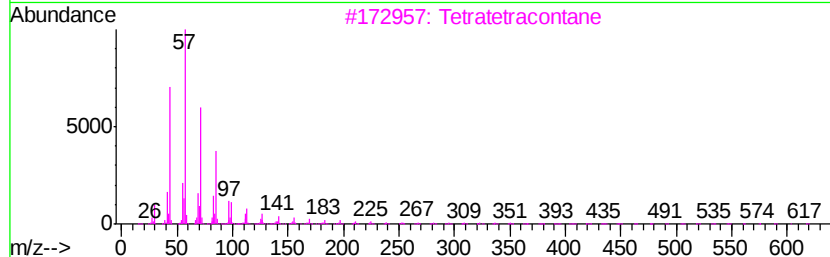
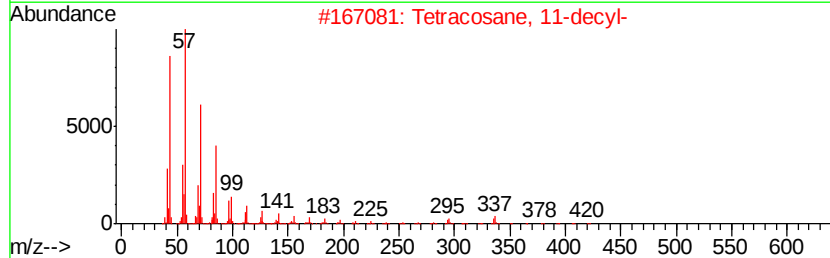
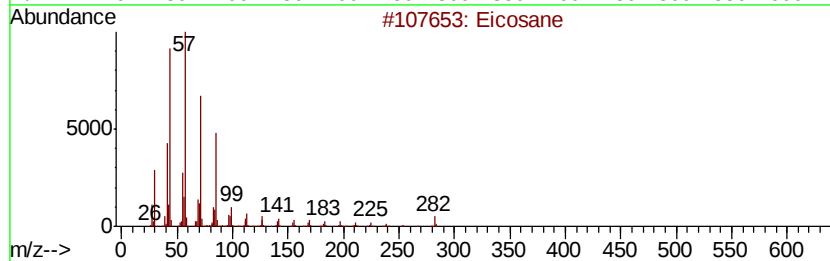
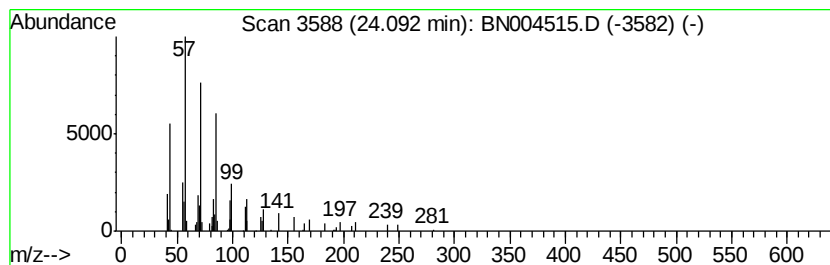
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	2.19 ng/ul	115132	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



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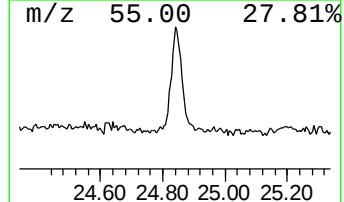
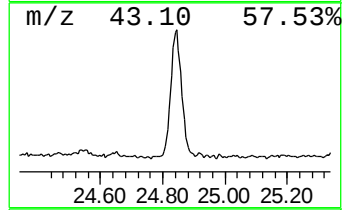
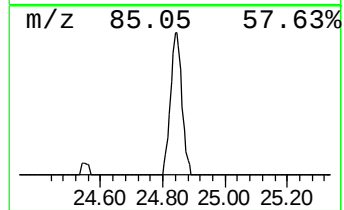
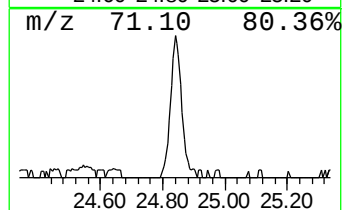
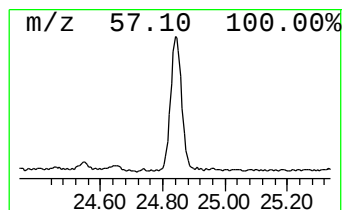
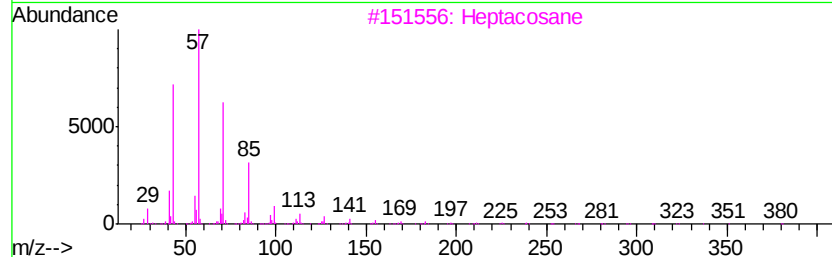
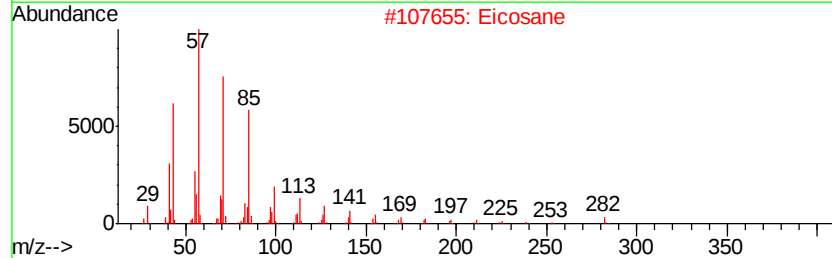
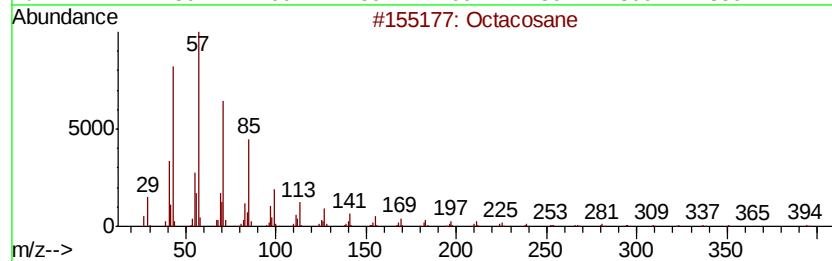
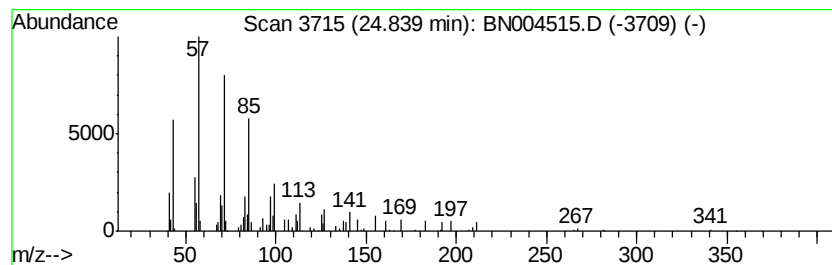
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.84	2.26 ng/ul	119043	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	2.8	ng/ul	79751	4	17.12	570250	20.0
(DEL) Alkane: Str...	24.09	2.2	ng/ul	115132	6	23.59	1052310	20.0
(DEL) Alkane: Str...	24.84	2.3	ng/ul	119043	6	23.59	1052310	20.0