

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
 Data File : BG064885.D
 Acq On : 26 Nov 2025 12:16
 Operator : RC/JU
 Sample : Q3688-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-30S

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-BG112425.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG064885.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	3	7	16	rVB2	40683	66715	5.02%	0.593%
2	3.211	16	21	29	rBV	238858	327288	24.63%	2.907%
3	3.481	63	67	74	rVB3	11493	16778	1.26%	0.149%
4	3.910	135	140	153	rBV	36857	63743	4.80%	0.566%
5	7.300	710	717	728	rBV	37017	71638	5.39%	0.636%
6	7.470	739	746	753	rBV	57133	96902	7.29%	0.861%
7	7.682	776	782	791	rBV	75466	133767	10.07%	1.188%
8	8.158	853	863	876	rBB	80555	144809	10.90%	1.286%
9	8.851	974	981	988	rBV	101306	182683	13.75%	1.623%
10	8.939	993	996	1003	rVB2	972	1921	0.14%	0.017%
11	9.315	1053	1060	1070	rBV	82984	157119	11.82%	1.396%
12	10.044	1178	1184	1194	rBV2	77975	139669	10.51%	1.241%
13	10.584	1269	1276	1286	rBV	122425	238748	17.97%	2.121%
14	10.972	1333	1342	1353	rBV	116087	212532	15.99%	1.888%
15	11.095	1356	1363	1379	rVV	95799	197126	14.83%	1.751%
16	11.853	1485	1492	1507	rBV4	9785	27481	2.07%	0.244%
17	12.541	1607	1609	1615	rVB3	1255	2190	0.16%	0.019%
18	13.381	1749	1752	1757	rBV2	1754	2330	0.18%	0.021%
19	14.162	1879	1885	1902	rBV	350764	524393	39.46%	4.658%
20	14.462	1929	1936	1944	rBV	306915	508730	38.28%	4.519%
21	14.515	1944	1945	1951	rVB	1723	2085	0.16%	0.019%
22	14.768	1982	1988	1998	rVB	220739	351944	26.48%	3.126%
23	14.944	2013	2018	2027	rBV3	20108	46242	3.48%	0.411%
24	15.026	2031	2032	2037	rVB3	1681	1889	0.14%	0.017%
25	15.167	2053	2056	2062	rVB3	2315	2698	0.20%	0.024%
26	15.555	2119	2122	2127	rVV2	4079	5297	0.40%	0.047%
27	15.755	2149	2156	2167	rBV	477696	772502	58.13%	6.862%
28	15.855	2167	2173	2182	rBV	151433	248421	18.69%	2.207%
29	15.990	2194	2196	2201	rVB5	2461	2876	0.22%	0.026%
30	16.107	2211	2216	2221	rBV	19505	29855	2.25%	0.265%
31	16.671	2307	2312	2319	rVB2	5810	9078	0.68%	0.081%
32	17.494	2445	2452	2463	rBV	311355	501511	37.74%	4.455%
33	17.594	2463	2469	2484	rVB2	637611	997943	75.10%	8.865%
34	18.363	2594	2600	2610	rBV3	23328	39624	2.98%	0.352%
35	18.434	2610	2612	2618	rVV4	3817	7066	0.53%	0.063%
36	18.698	2655	2657	2661	rBV4	2831	2543	0.19%	0.023%

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37	18.863	2681	2685	2691	rVB5	3082	4773	0.36%	0.042%
38	19.174	2735	2738	2740	rBV3	1760	1866	0.14%	0.017%
39	19.221	2744	2746	2752	rVB5	3225	4525	0.34%	0.040%
40	19.433	2779	2782	2789	rVB3	10329	17316	1.30%	0.154%
41	19.503	2789	2794	2799	rBV3	13120	23623	1.78%	0.210%
42	19.562	2799	2804	2812	rVV	73268	93188	7.01%	0.828%
43	19.627	2812	2815	2823	rVB7	5184	8824	0.66%	0.078%
44	19.768	2836	2839	2840	rBV3	2124	1843	0.14%	0.016%
45	19.862	2849	2855	2865	rBV	884425	1328867	100.00%	11.805%
46	20.079	2890	2892	2895	rBV4	2086	2733	0.21%	0.024%
47	20.155	2901	2905	2906	rBV4	2806	2917	0.22%	0.026%
48	20.232	2916	2918	2921	rVB4	3525	3388	0.25%	0.030%
49	20.361	2939	2940	2943	rBV3	2244	2286	0.17%	0.020%
50	20.543	2968	2971	2975	rVV5	4567	7494	0.56%	0.067%
51	20.761	3007	3008	3010	rBV2	3458	2386	0.18%	0.021%
52	20.778	3010	3011	3014	rVB3	3869	2498	0.19%	0.022%
53	20.808	3014	3016	3018	rBV3	3639	2683	0.20%	0.024%
54	20.831	3018	3020	3022	rBV3	3347	2707	0.20%	0.024%
55	21.330	3103	3105	3106	rBV2	2153	1868	0.14%	0.017%
56	21.377	3109	3113	3119	rBV7	15172	33112	2.49%	0.294%
57	21.507	3134	3135	3137	rBV2	2853	2557	0.19%	0.023%
58	21.624	3153	3155	3158	rVB4	4745	3951	0.30%	0.035%
59	21.742	3168	3175	3187	rBV	378848	674453	50.75%	5.991%
60	22.200	3251	3253	3254	rBV2	3034	1937	0.15%	0.017%
61	22.547	3307	3312	3317	rVB2	10782	18240	1.37%	0.162%
62	23.181	3418	3420	3423	rBV4	2639	2559	0.19%	0.023%
63	23.246	3427	3431	3437	rVB2	22960	45433	3.42%	0.404%
64	23.440	3461	3464	3469	rVB7	7271	12786	0.96%	0.114%
65	24.063	3563	3570	3579	rVB2	33951	77747	5.85%	0.691%
66	24.204	3591	3594	3598	rBV5	3312	6476	0.49%	0.058%
67	24.444	3633	3635	3638	rBV4	2247	2596	0.20%	0.023%
68	24.515	3645	3647	3650	rVB2	3119	2335	0.18%	0.021%
69	24.621	3662	3665	3669	rBV4	3015	4010	0.30%	0.036%
70	24.668	3671	3673	3676	rBV4	2361	2891	0.22%	0.026%
71	24.779	3681	3692	3704	rBV	469406	1317987	99.18%	11.708%
72	25.003	3718	3730	3743	rBV	255807	835216	62.85%	7.419%
73	25.208	3763	3765	3767	rBV3	2249	2366	0.18%	0.021%
74	25.385	3793	3795	3798	rVB3	2222	1677	0.13%	0.015%
75	25.455	3805	3807	3808	rBV2	2348	2062	0.16%	0.018%
76	25.778	3860	3862	3863	rBV2	2045	1761	0.13%	0.016%

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77	26.043	3904	3907	3908	rBV3	2964	2434	0.18%	0.022%
78	26.184	3921	3931	3942	rVB2	44794	137573	10.35%	1.222%
79	26.348	3957	3959	3961	rBV3	3297	2693	0.20%	0.024%
80	26.472	3978	3980	3982	rBV3	3113	2909	0.22%	0.026%
81	26.495	3982	3984	3987	rVV3	3059	2820	0.21%	0.025%
82	26.965	4062	4064	4065	rBV	4113	2861	0.22%	0.025%
83	27.000	4068	4070	4072	rBV2	2612	2663	0.20%	0.024%
84	27.394	4136	4137	4139	rBV2	3977	2358	0.18%	0.021%
85	27.564	4153	4166	4177	rVB4	38978	141255	10.63%	1.255%
86	28.181	4267	4271	4274	rVV6	2228	3016	0.23%	0.027%
87	28.234	4278	4280	4283	rVB4	3007	3256	0.25%	0.029%
88	28.692	4357	4358	4361	rBV3	2731	1944	0.15%	0.017%
89	28.816	4377	4379	4382	rVB3	2708	2507	0.19%	0.022%
90	29.221	4437	4448	4465	rVB5	28182	122582	9.22%	1.089%
91	29.356	4470	4471	4475	rBV3	2446	2227	0.17%	0.020%
92	29.444	4484	4486	4487	rBV2	2223	1715	0.13%	0.015%
93	29.920	4565	4567	4569	rBV3	2430	1691	0.13%	0.015%
94	30.108	4595	4599	4600	rBV2	2647	2680	0.20%	0.024%
95	30.872	4725	4729	4730	rBV4	2259	2644	0.20%	0.023%
96	30.966	4743	4745	4748	rBV3	2649	2158	0.16%	0.019%
97	31.037	4755	4757	4760	rVB3	2761	1769	0.13%	0.016%
98	31.248	4782	4793	4808	rVB8	19898	96740	7.28%	0.859%
99	31.407	4816	4820	4823	rBV6	2757	4478	0.34%	0.040%
100	32.206	4955	4956	4960	rBV4	2863	4099	0.31%	0.036%

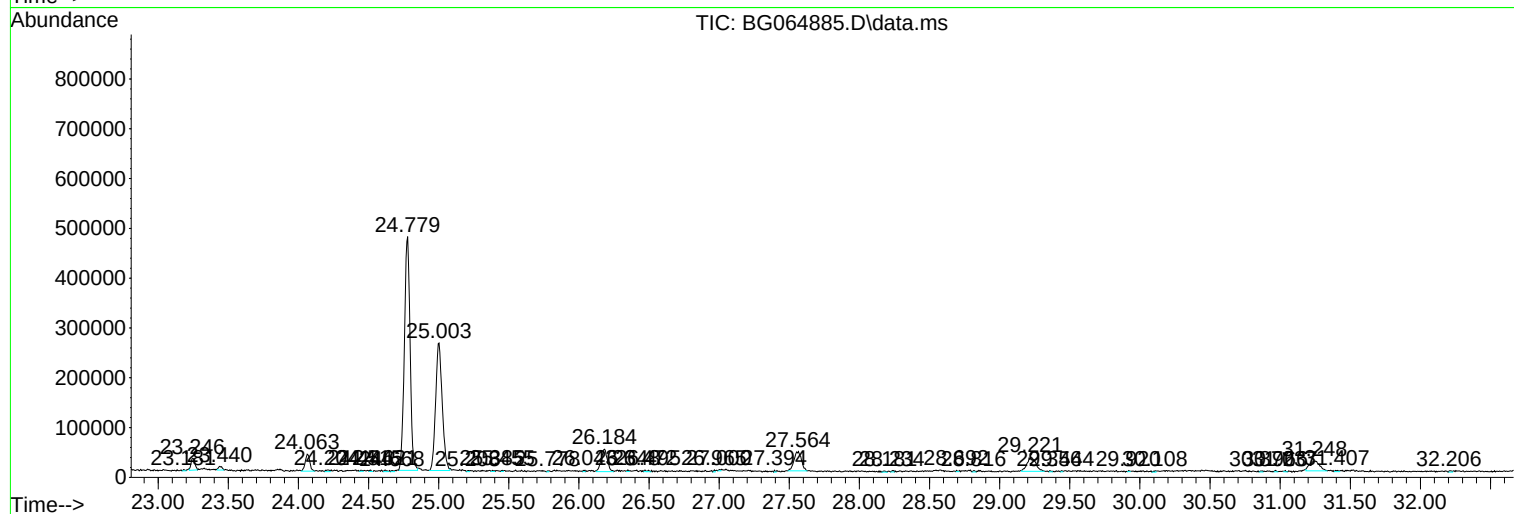
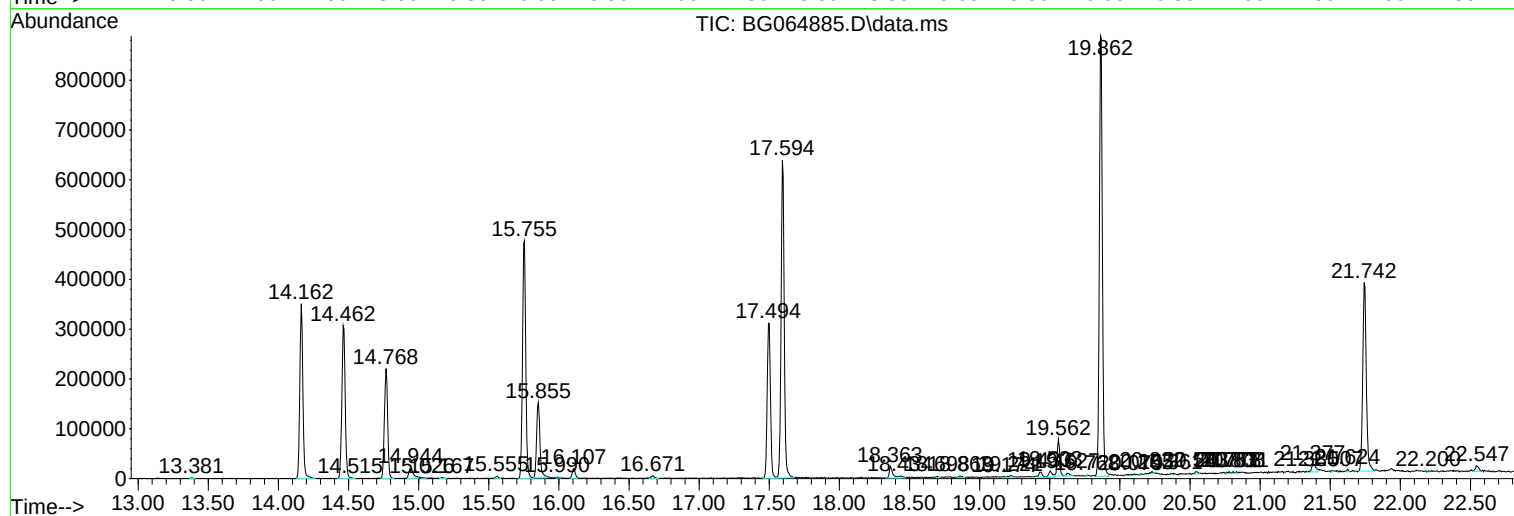
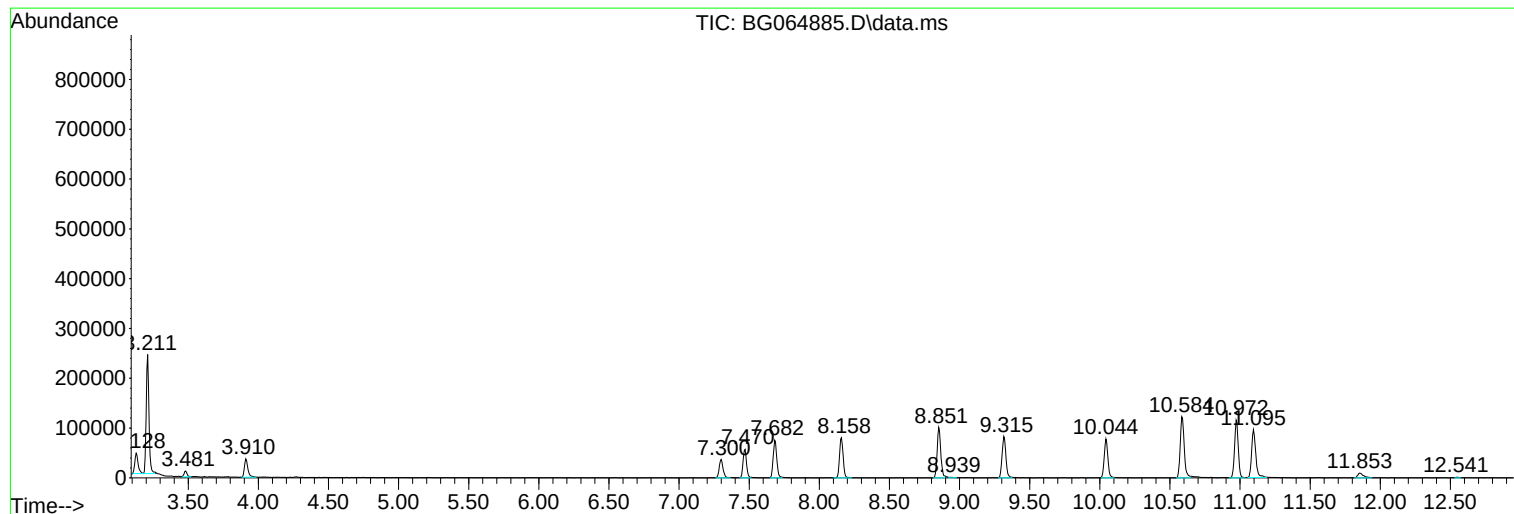
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION

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



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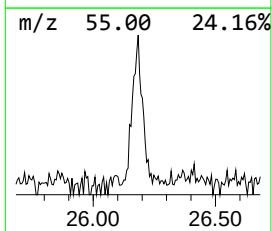
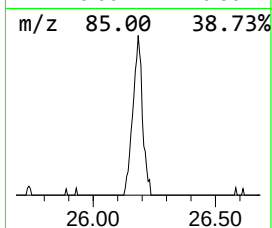
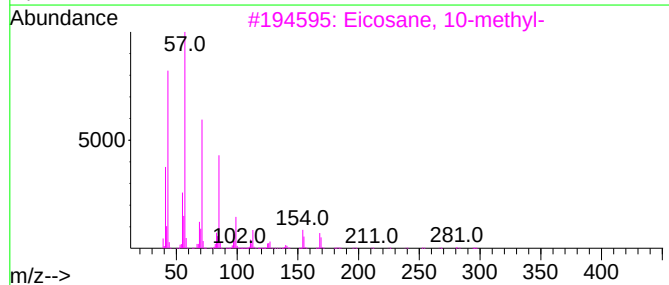
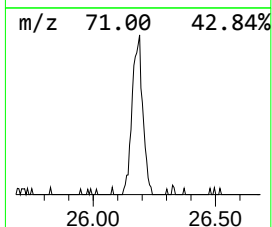
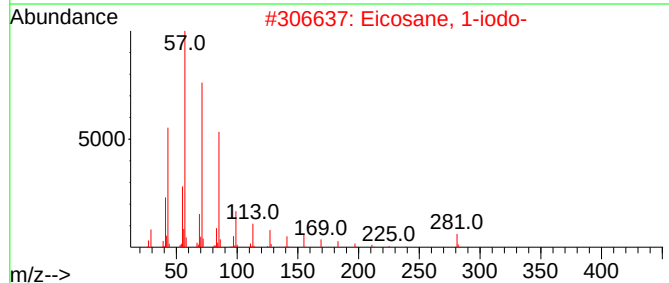
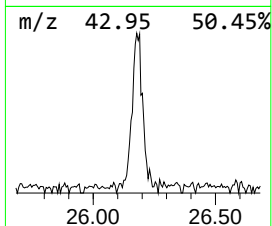
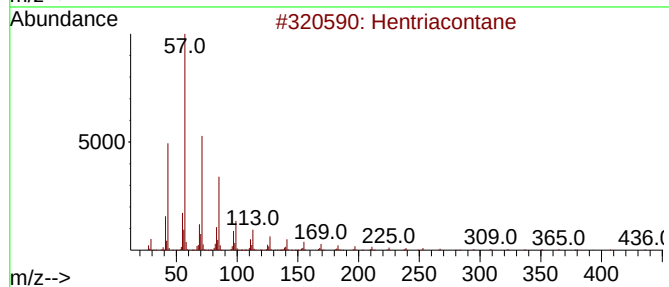
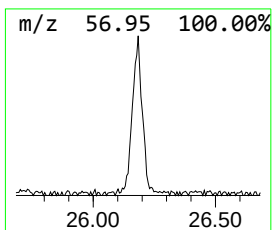
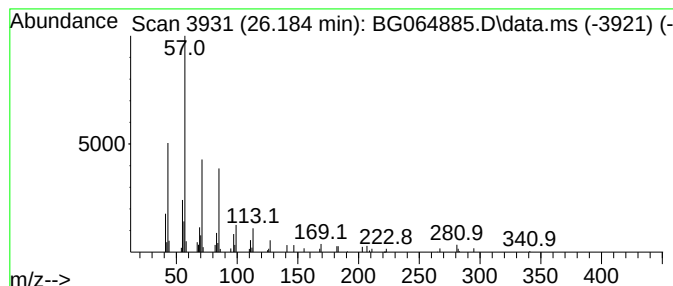
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.184	3.29 ng/ul	137573	Perylene-d12	24.997

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hentriacontane	437	C31H64	000630-04-6	87
2		Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	86
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4		Tetracosane	338	C24H50	000646-31-1	83
5		Hexadecane	226	C16H34	000544-76-3	80



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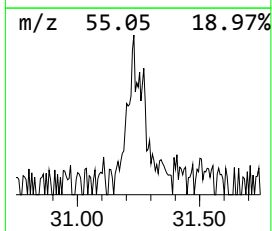
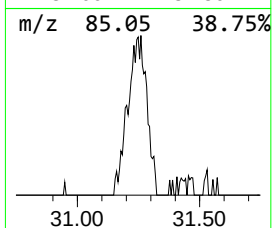
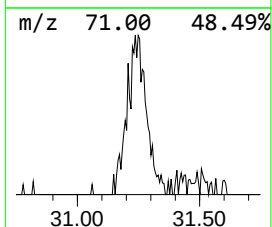
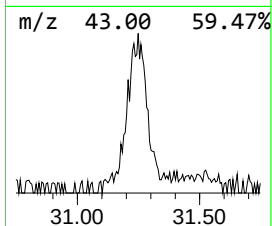
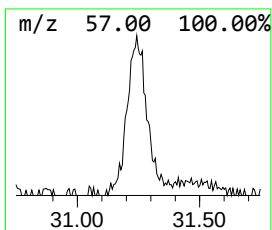
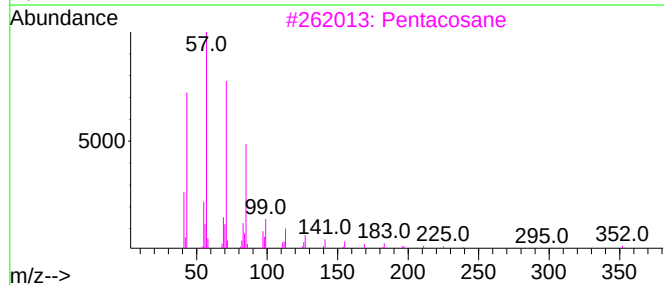
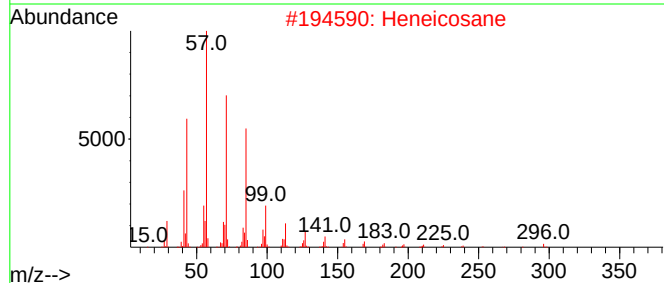
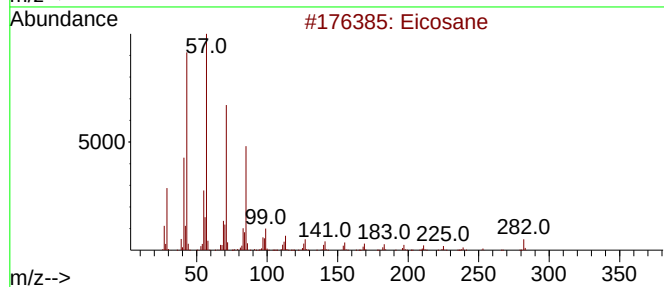
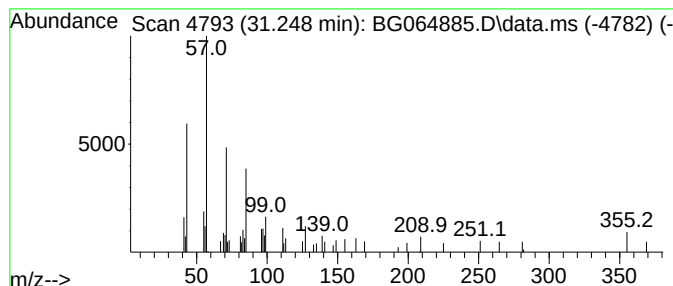
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.248	2.32 ng/ul	96740	Perylene-d12	24.997

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	92
2			Heneicosane	296	C21H44	000629-94-7	58
3			Pentacosane	352	C25H52	000629-99-2	58
4			Docosane, 11-decyl-	451	C32H66	055401-55-3	58
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	58



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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	26.184	3.3	ng/u1	137573	6	24.997	835216	20.0
(DEL) Alkane: S...	31.248	2.3	ng/u1	96740	6	24.997	835216	20.0