

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024155.D
 Acq On : 18 Dec 2019 16:48
 Operator : JU
 Sample : K6170-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BT3

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-BM121719MA.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	3.010	18	21	31	rVB	79222	137557	1.31%	0.140%
2	3.704	136	139	146	rVB3	16042	24226	0.23%	0.025%
3	5.222	395	397	405	rVB8	7114	11644	0.11%	0.012%
4	6.616	629	634	636	rBV	100527	140855	1.35%	0.143%
5	6.651	636	640	654	rVB	265112	480123	4.59%	0.488%
6	6.798	660	665	683	rBV	952241	1659073	15.85%	1.688%
7	6.986	691	697	709	rBV	1078737	1809991	17.29%	1.841%
8	7.445	768	775	787	rBV	1235519	2027501	19.36%	2.062%
9	8.175	892	899	921	rBV	886249	1563058	14.93%	1.590%
10	8.604	965	972	982	rBV	1314196	2216293	21.17%	2.254%
11	9.039	1040	1046	1052	rVB	68978	102624	0.98%	0.104%
12	9.316	1086	1093	1110	rBV	1112399	1894537	18.09%	1.927%
13	9.857	1178	1185	1208	rBV	1564290	2977406	28.44%	3.029%
14	10.216	1238	1246	1255	rBV	1997537	3288110	31.40%	3.345%
15	11.527	1464	1469	1477	rVB	41809	63603	0.61%	0.065%
16	11.663	1487	1492	1498	rVB8	6942	11688	0.11%	0.012%
17	11.833	1515	1521	1528	rVB2	22897	44368	0.42%	0.045%
18	12.721	1669	1672	1676	rVV4	7183	12289	0.12%	0.013%
19	12.763	1676	1679	1684	rVB6	7572	10951	0.10%	0.011%
20	13.021	1717	1723	1728	rBV4	26812	42839	0.41%	0.044%
21	13.074	1730	1732	1742	rVB9	6191	13818	0.13%	0.014%
22	13.533	1804	1810	1817	rBV	3581958	5125030	48.95%	5.213%
23	13.798	1847	1855	1867	rBV	4247308	6071084	57.98%	6.176%
24	13.898	1870	1872	1880	rVB5	13964	20409	0.19%	0.021%
25	14.110	1901	1908	1917	rBV	3285321	4805439	45.90%	4.888%
26	14.374	1947	1953	1967	rBV2	142158	385046	3.68%	0.392%
27	14.568	1983	1986	1991	rVB6	9945	14690	0.14%	0.015%
28	14.857	2029	2035	2037	rBV7	8284	11498	0.11%	0.012%
29	14.874	2037	2038	2045	rVB6	9347	12854	0.12%	0.013%
30	14.939	2045	2049	2053	rBV3	6327	12186	0.12%	0.012%
31	15.115	2072	2079	2088	rBV	5527897	8059934	76.98%	8.199%
32	15.262	2098	2104	2115	rBV	1677646	2529518	24.16%	2.573%
33	15.357	2115	2120	2130	rVV2	74030	150542	1.44%	0.153%
34	15.457	2133	2137	2141	rVV	17334	22170	0.21%	0.023%

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35	15.509	2141	2146	2151	rVB2	24274	34348	0.33%	0.035%
36	15.715	2178	2181	2184	rVB4	9675	11995	0.11%	0.012%
37	15.762	2184	2189	2192	rBV7	11561	16844	0.16%	0.017%
38	15.898	2209	2212	2222	rVB4	23310	39831	0.38%	0.041%
39	16.109	2243	2248	2250	rBV4	9549	11820	0.11%	0.012%
40	16.545	2319	2322	2325	rVB3	11134	14933	0.14%	0.015%
41	16.656	2337	2341	2347	rBV	28498	40546	0.39%	0.041%
42	16.868	2370	2377	2387	rBV	4063073	5671077	54.16%	5.769%
43	16.968	2387	2394	2408	rVV	6258067	9141269	87.31%	9.299%
44	17.180	2425	2430	2438	rVB2	82943	140262	1.34%	0.143%
45	17.262	2440	2444	2445	rVV3	9780	11925	0.11%	0.012%
46	17.298	2445	2450	2455	rVB7	17389	32005	0.31%	0.033%
47	17.792	2529	2534	2543	rBV2	171443	345041	3.30%	0.351%
48	17.909	2550	2554	2557	rBV5	8249	11232	0.11%	0.011%
49	18.274	2614	2616	2620	rVB5	10968	12977	0.12%	0.013%
50	18.662	2677	2682	2690	rBV	224410	352979	3.37%	0.359%
51	18.909	2718	2724	2727	rBV	88573	135016	1.29%	0.137%
52	18.986	2734	2737	2740	rVB3	35810	40882	0.39%	0.042%
53	19.027	2740	2744	2748	rVB4	32690	42147	0.40%	0.043%
54	19.086	2750	2754	2759	rBV3	87963	126958	1.21%	0.129%
55	19.162	2763	2767	2771	rVB	70304	94848	0.91%	0.096%
56	19.274	2780	2786	2792	rVB	8089043	10470268	100.00%	10.651%
57	19.403	2805	2808	2812	rVB4	58118	77513	0.74%	0.079%
58	19.827	2876	2880	2883	rBV3	90696	136138	1.30%	0.138%
59	20.821	3044	3049	3055	rBV2	373123	585828	5.60%	0.596%
60	21.080	3088	3093	3102	rBV	4797665	6059914	57.88%	6.164%
61	21.256	3120	3123	3128	rBV	262345	307278	2.93%	0.313%
62	21.680	3191	3195	3201	rBV	528332	623126	5.95%	0.634%
63	22.121	3266	3270	3275	rVB	661197	852544	8.14%	0.867%
64	22.597	3347	3351	3357	rVB	835655	1091364	10.42%	1.110%
65	23.080	3426	3433	3438	rBV	4833122	8605919	82.19%	8.754%
66	23.127	3438	3441	3448	rVV	829992	1280845	12.23%	1.303%
67	23.209	3449	3455	3465	rVB	2875330	5136132	49.05%	5.225%
68	23.732	3540	3544	3551	rVB	582383	996841	9.52%	1.014%

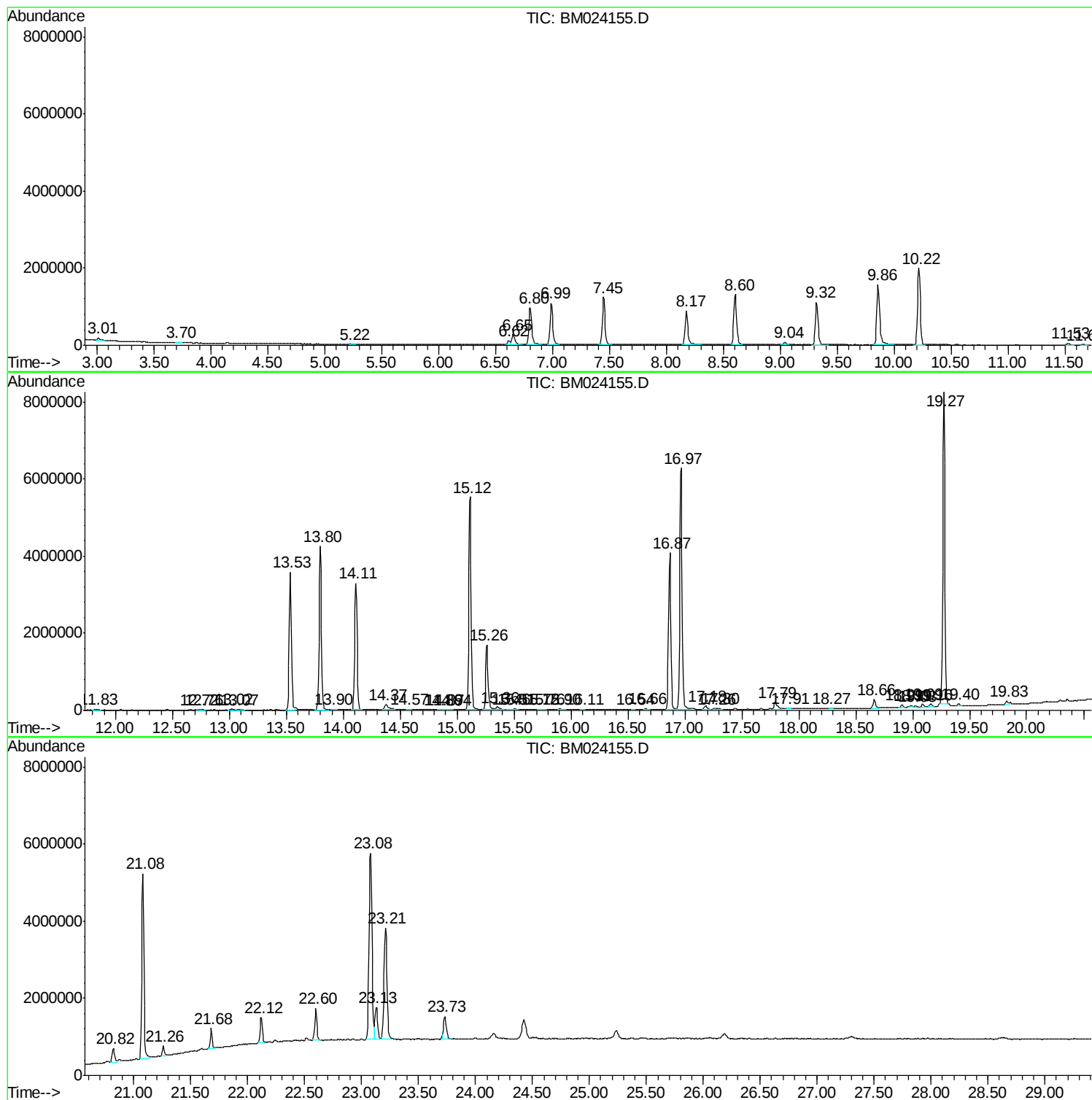
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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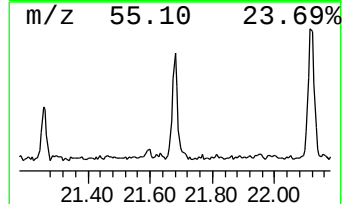
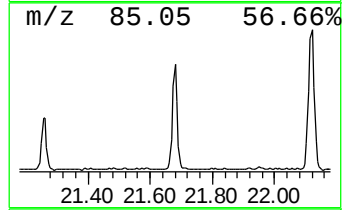
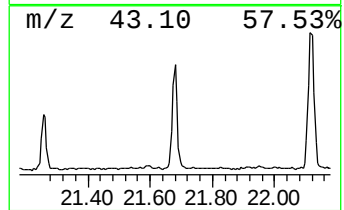
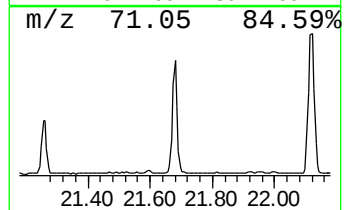
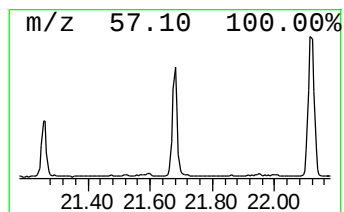
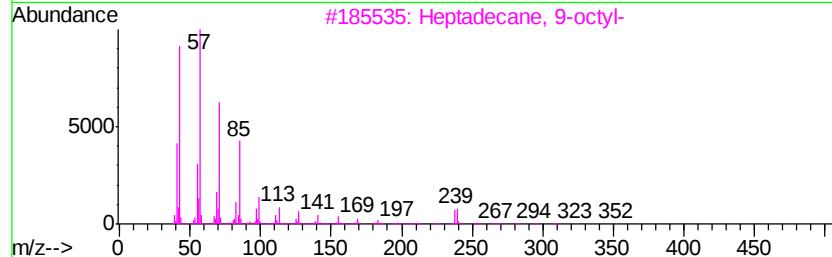
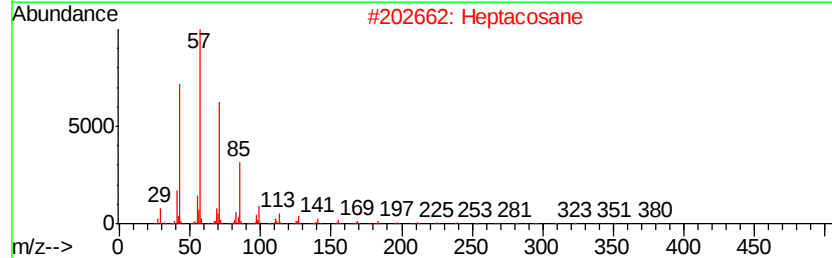
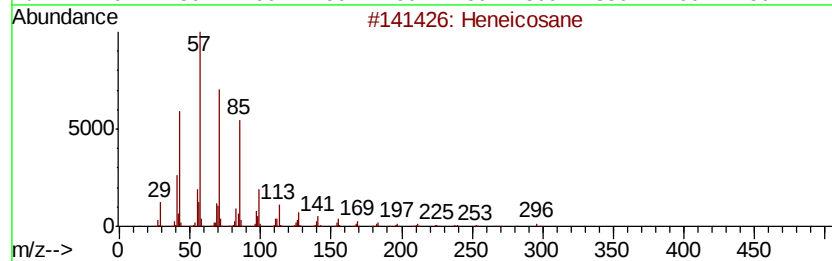
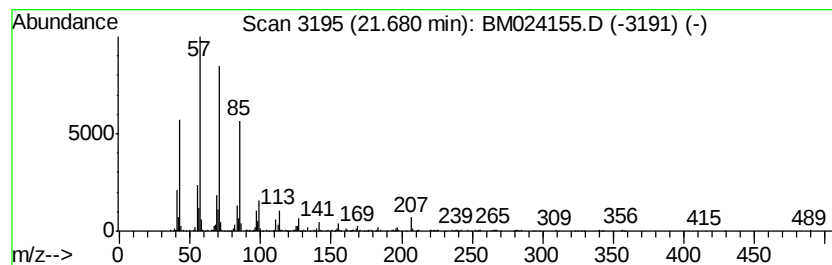
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	2.06 ng/ul	623126	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heneicosane	296	C21H44	000629-94-7	87



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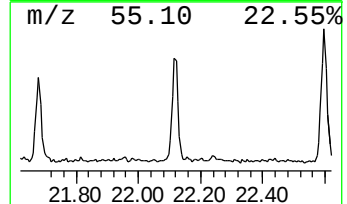
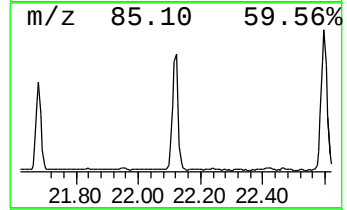
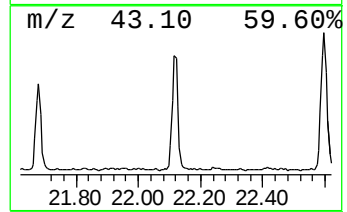
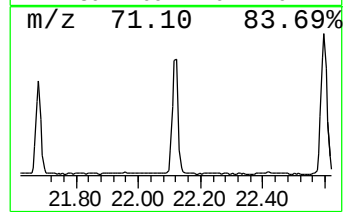
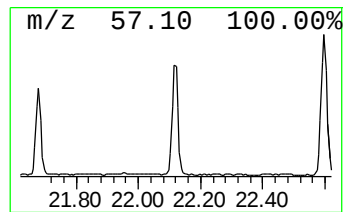
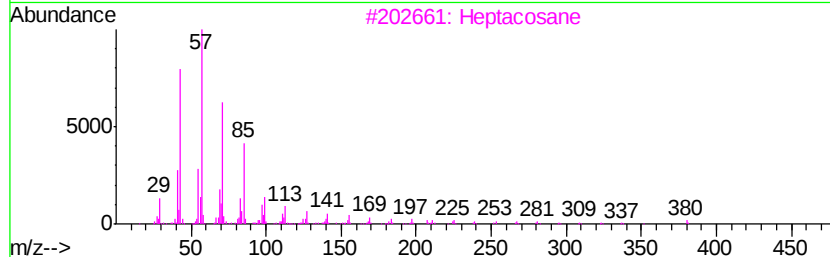
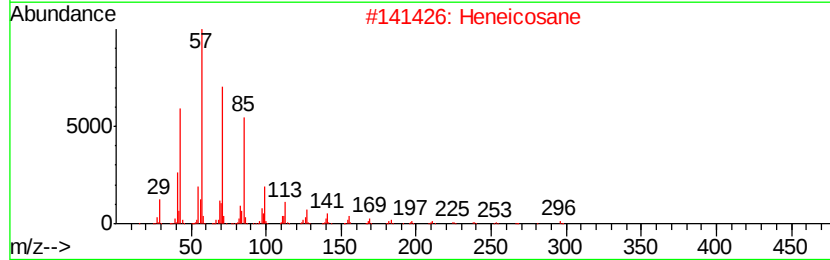
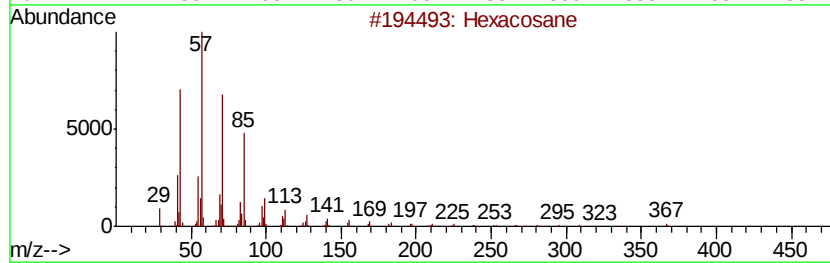
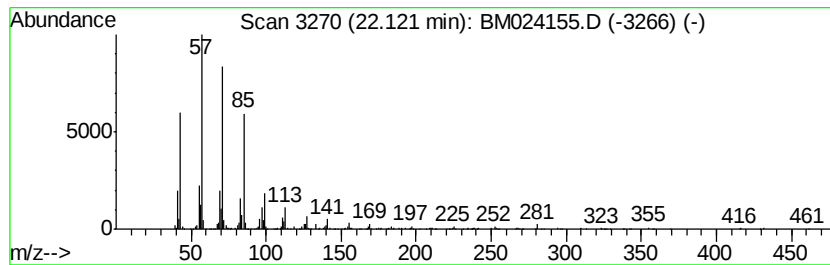
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
22.12	2.81 ng/ul	852544	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



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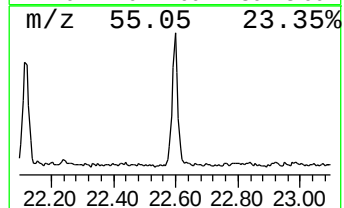
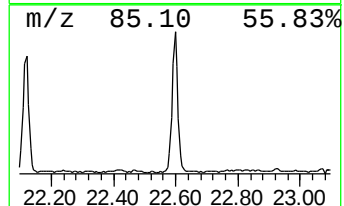
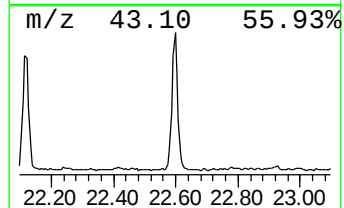
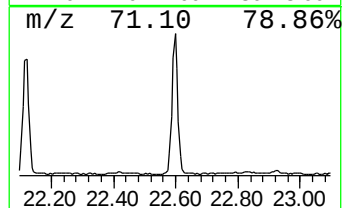
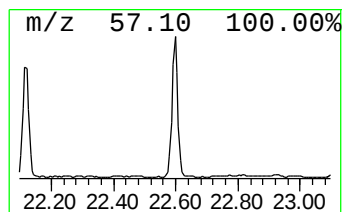
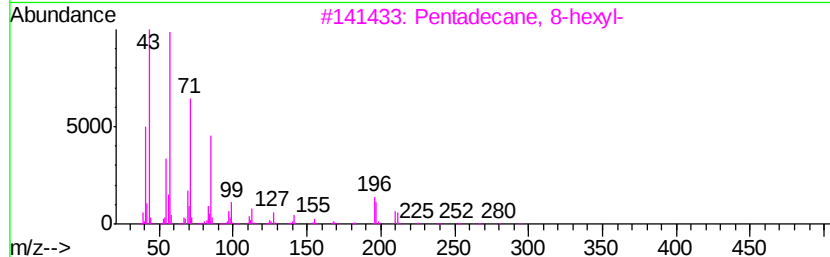
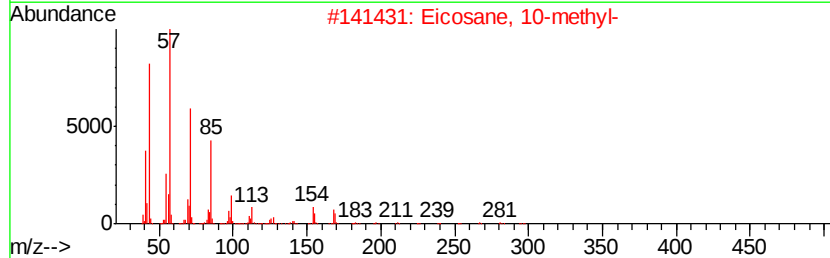
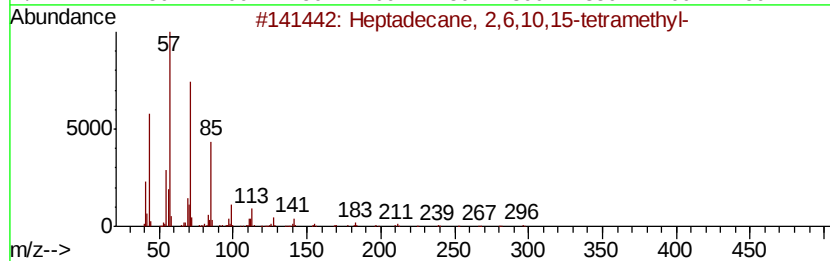
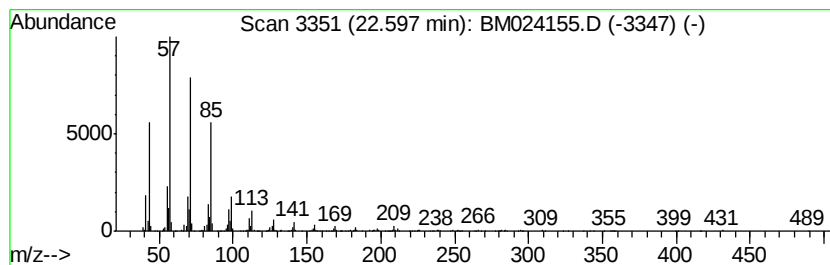
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	4.25 ng/ul	1091360	Perylene-d12	23.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



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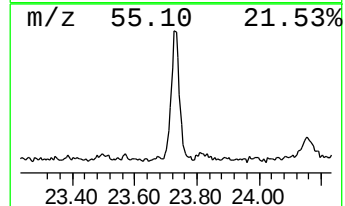
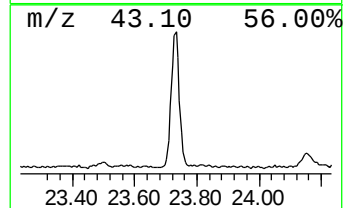
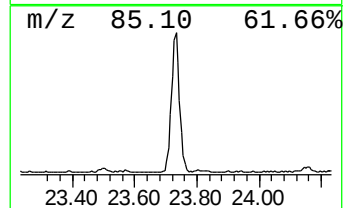
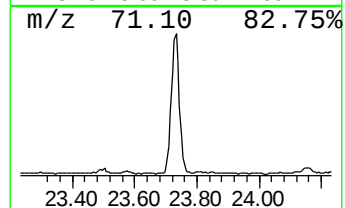
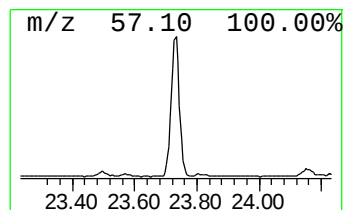
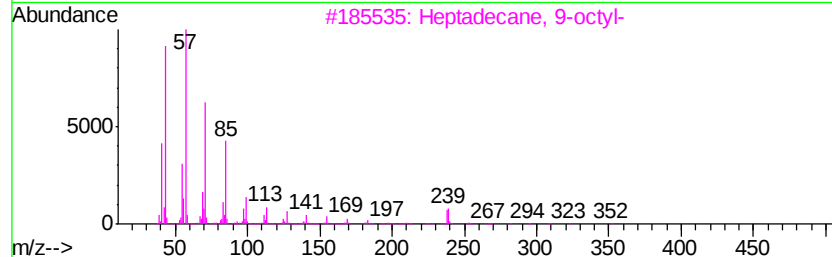
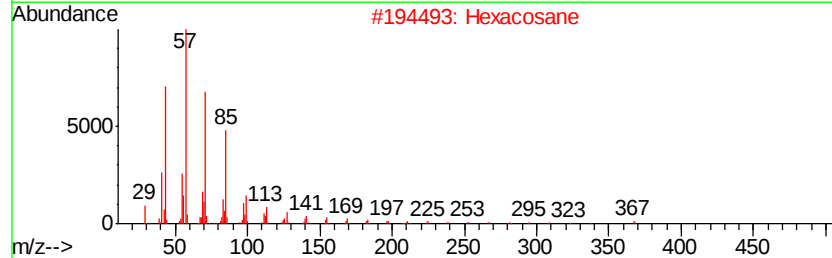
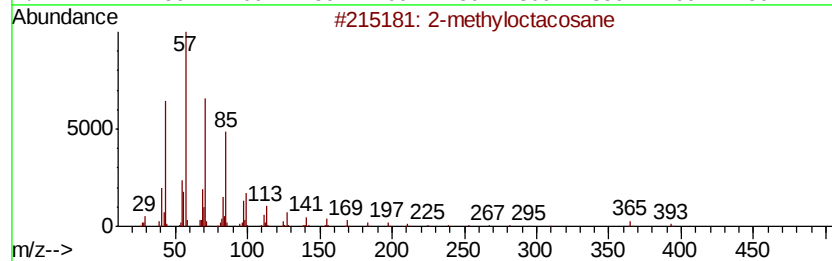
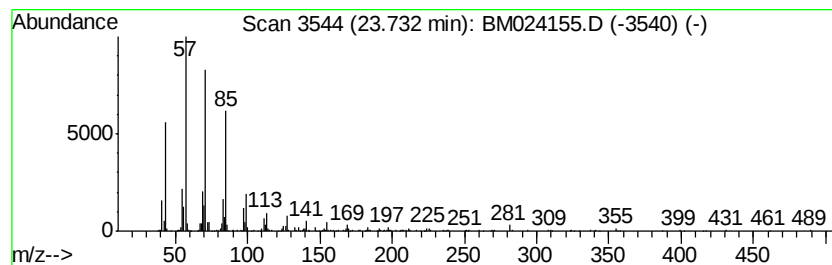
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	3.88 ng/ul	996841	Perylene-d12	23.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Triacontane	422	C30H62	000638-68-6	90



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	21.68	2.1	ng/ul	623126	5	21.08	6059910	20.0
(DEL) Alkane: Str...	22.12	2.8	ng/ul	852544	5	21.08	6059910	20.0
(DEL) Alkane: Str...	22.60	4.3	ng/ul	1091360	6	23.21	5136130	20.0
(DEL) Alkane: Str...	23.73	3.9	ng/ul	996841	6	23.21	5136130	20.0