

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
 Data File : BM019900.D
 Acq On : 11 Apr 2019 18:53
 Operator : JU/SJ
 Sample : K2304-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF895

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-BM032219MA.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	3.104	17	20	26	rVB	28592	41061	2.10%	0.209%
2	3.604	101	105	112	rVB	34979	44790	2.29%	0.228%
3	4.287	218	221	223	rBV4	2753	4051	0.21%	0.021%
4	4.346	227	231	234	rVB5	4430	6644	0.34%	0.034%
5	4.687	284	289	296	rBV3	5831	9613	0.49%	0.049%
6	5.340	399	400	403	rBV3	2073	2317	0.12%	0.012%
7	5.540	430	434	437	rVB5	2147	2943	0.15%	0.015%
8	5.769	469	473	475	rVB4	2014	2001	0.10%	0.010%
9	6.175	539	542	544	rBV	2037	2260	0.12%	0.012%
10	6.351	569	572	575	rVB4	2071	2670	0.14%	0.014%
11	6.675	624	627	628	rBV3	1836	2022	0.10%	0.010%
12	6.745	633	639	659	rVV	156401	379224	19.40%	1.932%
13	6.898	659	665	681	rVV	165945	308043	15.76%	1.570%
14	7.081	690	696	710	rBV	235626	419270	21.45%	2.136%
15	7.269	723	728	731	rBV4	1199	2198	0.11%	0.011%
16	7.481	762	764	767	rBV3	2418	2910	0.15%	0.015%
17	7.539	768	774	783	rBV	445360	735000	37.60%	3.745%
18	7.839	820	825	826	rVV4	1794	2870	0.15%	0.015%
19	7.857	826	828	832	rVV4	2635	2463	0.13%	0.013%
20	8.069	862	864	869	rVB3	1608	2483	0.13%	0.013%
21	8.275	893	899	914	rBV	178606	402501	20.59%	2.051%
22	8.622	957	958	964	rBV3	1538	2229	0.11%	0.011%
23	8.716	967	974	990	rBV	186745	375825	19.22%	1.915%
24	9.022	1022	1026	1031	rVB	12114	19163	0.98%	0.098%
25	9.322	1074	1077	1083	rVB3	1868	3405	0.17%	0.017%
26	9.428	1089	1095	1109	rBV	164964	321372	16.44%	1.638%
27	9.786	1154	1156	1159	rVB2	2150	2553	0.13%	0.013%
28	9.975	1182	1188	1210	rBV	164181	452921	23.17%	2.308%
29	10.116	1210	1212	1214	rVV3	5532	5701	0.29%	0.029%
30	10.133	1214	1215	1218	rVV2	3870	3331	0.17%	0.017%
31	10.316	1237	1246	1263	rBV	573794	1010827	51.70%	5.151%
32	10.504	1271	1278	1297	rBV	95710	285982	14.63%	1.457%
33	11.110	1380	1381	1387	rBV4	1613	2253	0.12%	0.011%
34	11.316	1412	1416	1418	rVB4	1923	2883	0.15%	0.015%

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35	11.339	1418	1420	1422	rVB2	2533	2033	0.10%	0.010%
36	11.416	1431	1433	1436	rVB3	2035	2027	0.10%	0.010%
37	11.463	1436	1441	1442	rBV4	2101	3049	0.16%	0.016%
38	11.733	1481	1487	1491	rVB6	2504	5288	0.27%	0.027%
39	11.945	1520	1523	1527	rBV3	2975	4132	0.21%	0.021%
40	12.004	1529	1533	1534	rBV	2440	3060	0.16%	0.016%
41	12.533	1618	1623	1625	rBV3	2619	3042	0.16%	0.016%
42	13.168	1727	1731	1737	rBV2	2929	6339	0.32%	0.032%
43	13.533	1791	1793	1797	rVB3	2017	2245	0.11%	0.011%
44	13.574	1797	1800	1803	rBV2	1705	2547	0.13%	0.013%
45	13.627	1803	1809	1814	rVV	432343	655896	33.55%	3.342%
46	13.674	1814	1817	1828	rVB	107268	177571	9.08%	0.905%
47	13.898	1845	1855	1865	rBV	532084	796389	40.74%	4.058%
48	14.063	1879	1883	1884	rBV3	2488	2536	0.13%	0.013%
49	14.127	1887	1894	1901	rVV	27065	76707	3.92%	0.391%
50	14.204	1901	1907	1918	rVB2	818655	1254810	64.18%	6.394%
51	14.380	1934	1937	1940	rVB4	1998	2115	0.11%	0.011%
52	14.533	1958	1963	1979	rBV3	36584	158139	8.09%	0.806%
53	14.651	1981	1983	1988	rVV4	10116	16734	0.86%	0.085%
54	14.815	2009	2011	2016	rVB5	2612	3332	0.17%	0.017%
55	14.980	2035	2039	2040	rBV3	2885	4097	0.21%	0.021%
56	15.045	2047	2050	2055	rBV5	4093	5925	0.30%	0.030%
57	15.210	2072	2078	2088	rBV	660991	988118	50.54%	5.035%
58	15.386	2100	2108	2117	rBV2	96212	181903	9.30%	0.927%
59	15.451	2117	2119	2125	rVB3	11982	15823	0.81%	0.081%
60	15.586	2140	2142	2143	rBV2	2804	1976	0.10%	0.010%
61	15.604	2143	2145	2148	rVB2	2232	2788	0.14%	0.014%
62	15.639	2148	2151	2155	rBV3	2042	3003	0.15%	0.015%
63	15.780	2173	2175	2179	rVB4	3063	3331	0.17%	0.017%
64	15.857	2184	2188	2189	rBV3	2017	2770	0.14%	0.014%
65	15.909	2193	2197	2201	rBV4	5050	6413	0.33%	0.033%
66	16.109	2225	2231	2233	rVB6	3236	6070	0.31%	0.031%
67	16.168	2240	2241	2246	rVB5	3144	3533	0.18%	0.018%
68	16.227	2246	2251	2252	rBV4	2497	3626	0.19%	0.018%
69	16.315	2264	2266	2267	rBV2	2306	2236	0.11%	0.011%
70	16.368	2273	2275	2277	rBV2	2874	3218	0.16%	0.016%
71	16.604	2313	2315	2318	rBV4	2671	2636	0.13%	0.013%

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72	16.756	2340	2341	2345	rVB3	4717	3681	0.19%	0.019%
73	16.968	2371	2377	2388	rBV	1026594	1402213	71.72%	7.145%
74	17.068	2388	2394	2405	rBV2	663963	1014427	51.89%	5.169%
75	17.251	2423	2425	2428	rVB3	3522	2295	0.12%	0.012%
76	17.351	2439	2442	2445	rVV4	5439	6852	0.35%	0.035%
77	17.445	2456	2458	2460	rVB3	4092	3144	0.16%	0.016%
78	17.533	2472	2473	2476	rBV3	2818	3191	0.16%	0.016%
79	17.627	2486	2489	2493	rBV4	3861	5306	0.27%	0.027%
80	17.739	2505	2508	2510	rBV4	2790	3650	0.19%	0.019%
81	17.803	2517	2519	2523	rBV5	3406	3548	0.18%	0.018%
82	17.856	2523	2528	2540	rBV	156864	285379	14.60%	1.454%
83	18.398	2618	2620	2622	rBV2	4182	3122	0.16%	0.016%
84	19.009	2721	2724	2727	rBV5	12933	20386	1.04%	0.104%
85	19.156	2744	2749	2758	rBV	89526	180064	9.21%	0.917%
86	19.380	2782	2787	2796	rBV	795999	1148046	58.72%	5.850%
87	20.880	3039	3042	3048	rVB3	107870	132680	6.79%	0.676%
88	21.186	3089	3094	3106	rBV	1350222	1812059	92.69%	9.233%
89	21.733	3185	3187	3191	rVB	87142	86582	4.43%	0.441%
90	22.186	3260	3264	3273	rBV	191981	259424	13.27%	1.322%
91	22.674	3344	3347	3352	rVB	229420	290641	14.87%	1.481%
92	23.244	3436	3444	3457	rVB2	750421	1722642	88.11%	8.778%
93	23.385	3462	3468	3481	rVB	1052019	1955013	100.00%	9.962%

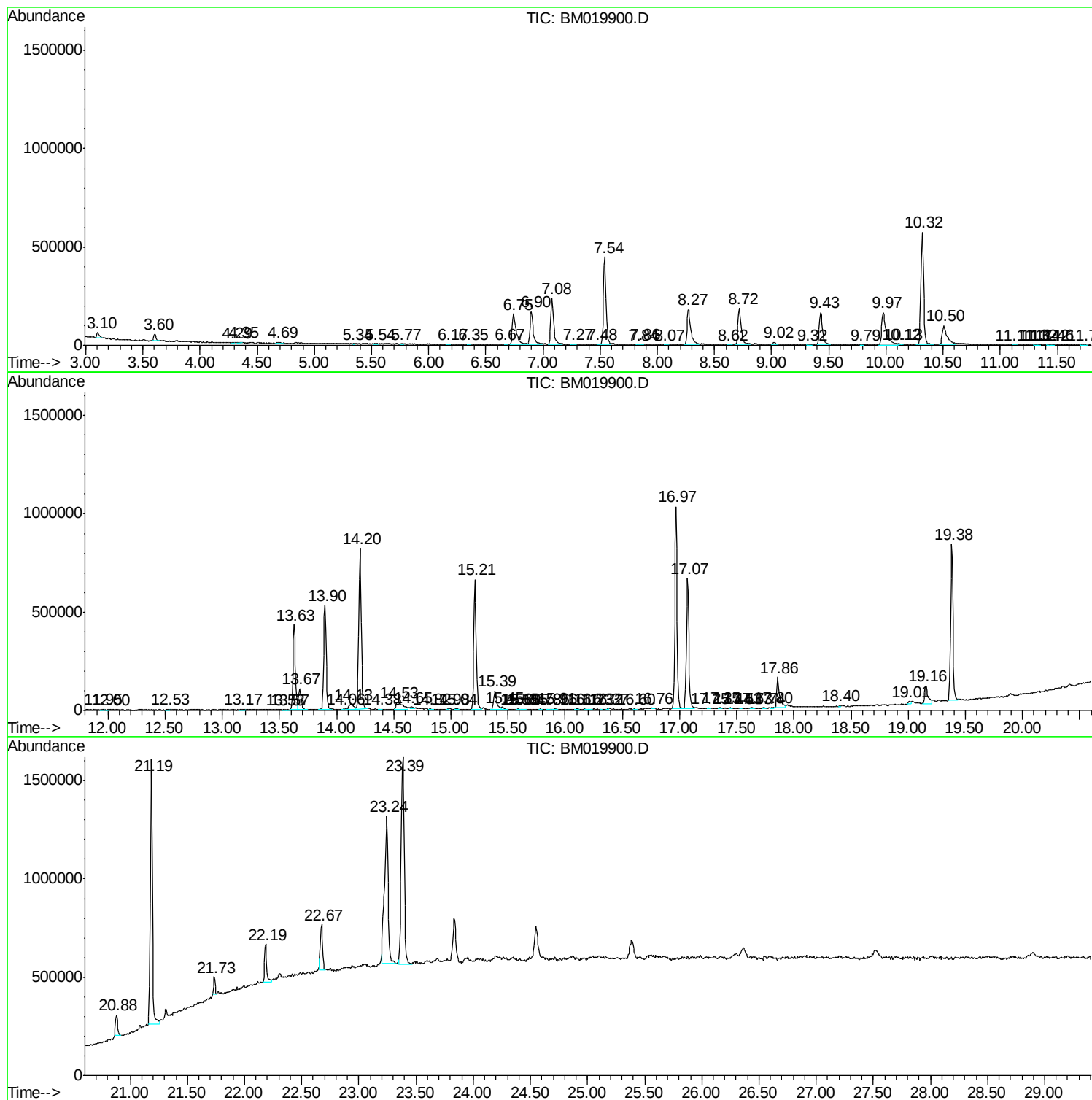
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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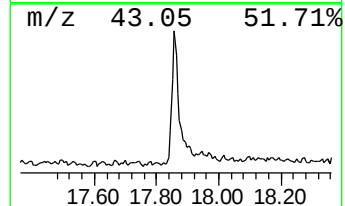
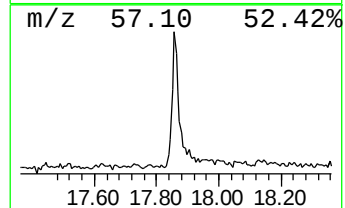
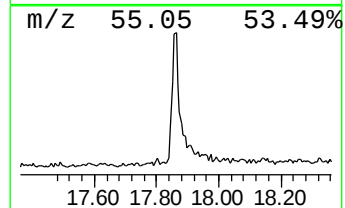
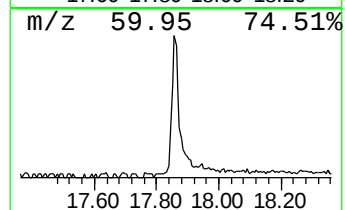
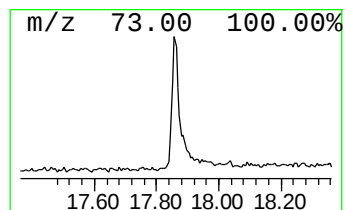
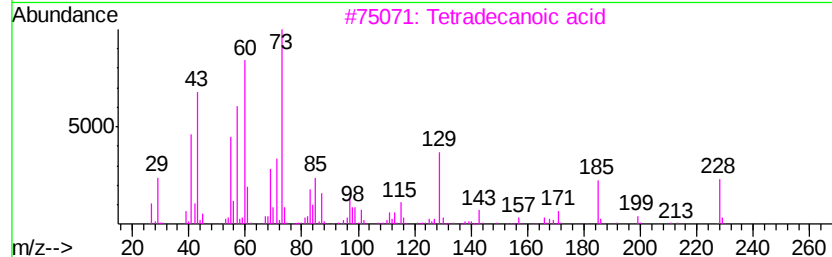
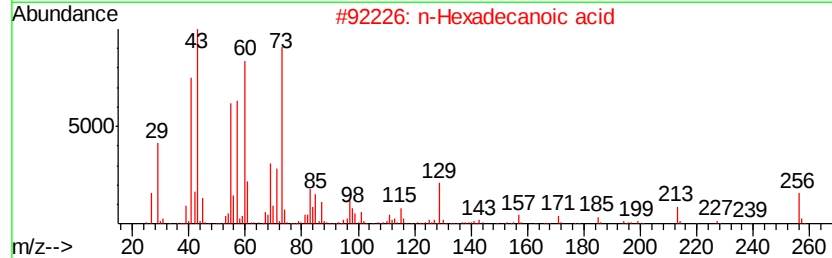
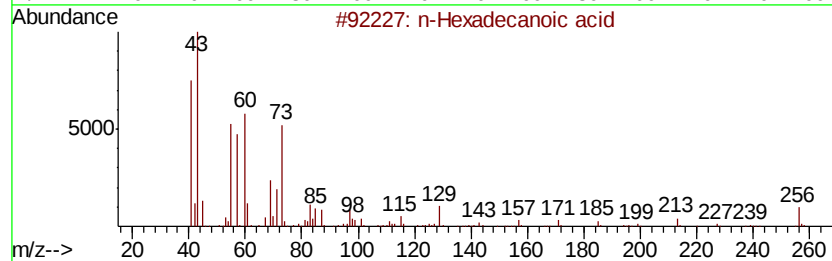
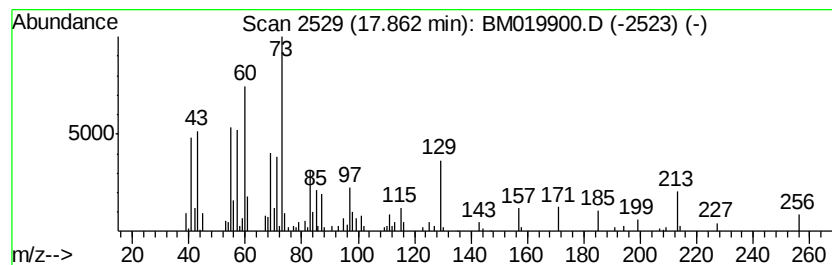
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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.	
17.86	4.07 ng/ul	285379	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	94
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	72
4	Dodecanoic acid		200	C12H24O2	000143-07-7	47
5	n-Decanoic acid		172	C10H20O2	000334-48-5	43



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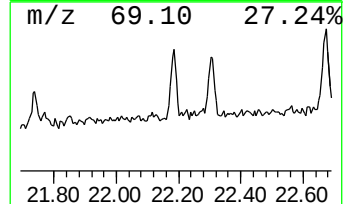
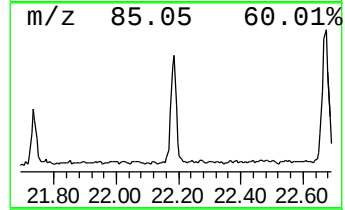
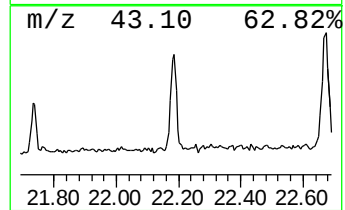
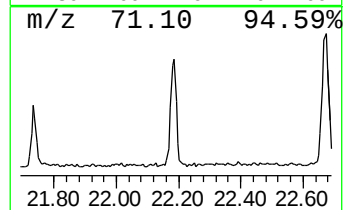
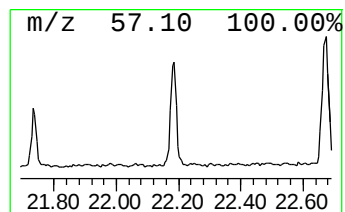
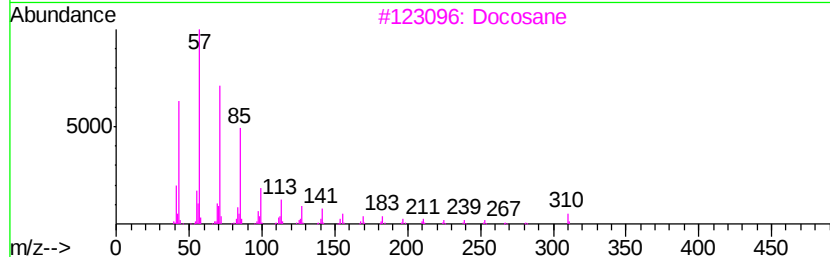
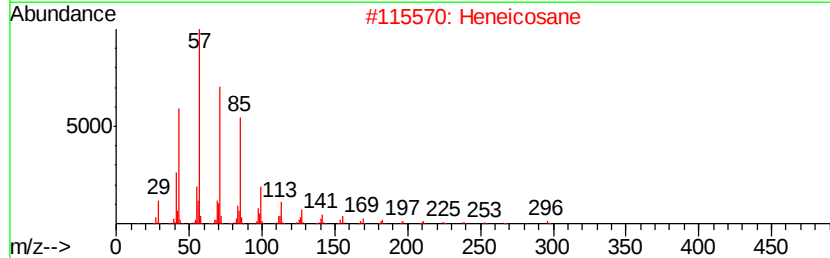
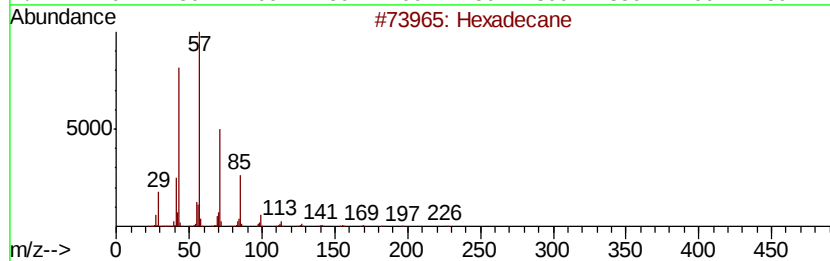
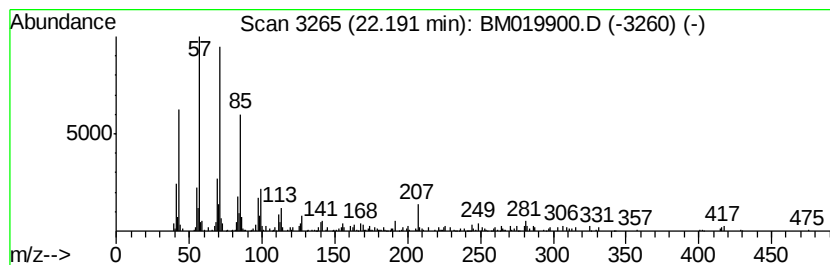
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Quant Title : SVOA CALIBRATION

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.
22.19	2.86 ng/ul	259424	Chrysene-d12		21.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Docosane	310	C22H46	000629-97-0	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81



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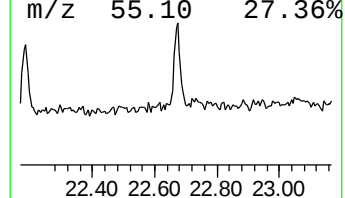
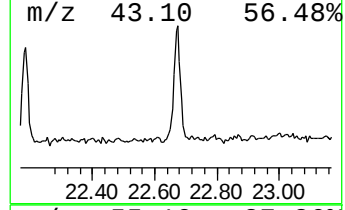
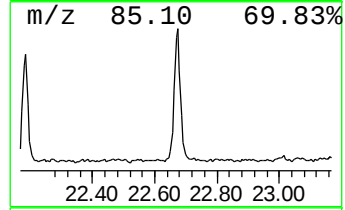
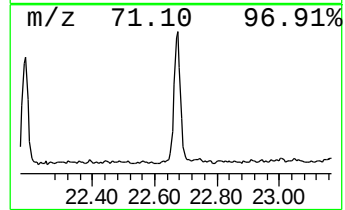
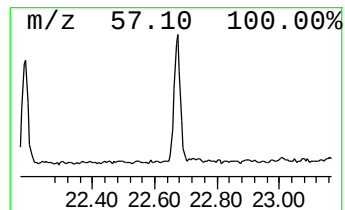
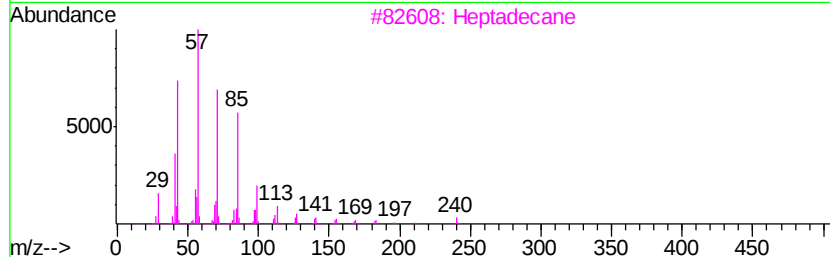
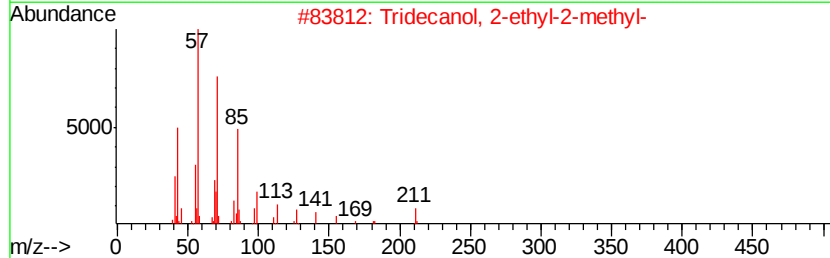
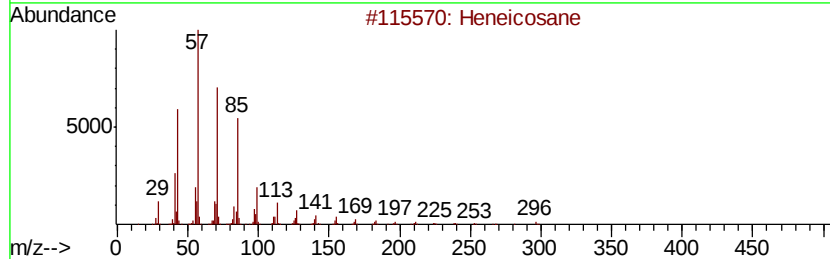
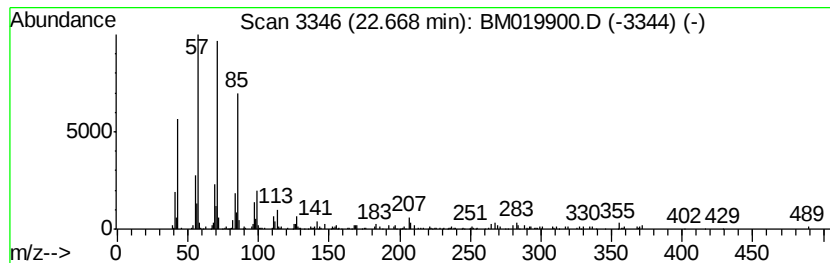
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	2.97 ng/ul	290641	Perylene-d12	23.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	87
2	Tridecanol, 2-ethyl-2-methyl-	242 C16H34O	1000115-66-1	86
3	Heptadecane	240 C17H36	000629-78-7	86
4	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	86
5	Eicosane, 10-methyl-	296 C21H44	054833-23-7	86



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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	17.86	4.1	ng/ul	285379	4	16.97	1402210	20.0
(DEL) Alkane: Str...	22.19	2.9	ng/ul	259424	5	21.19	1812060	20.0
(DEL) Alkane: Str...	22.67	3.0	ng/ul	290641	6	23.39	1955010	20.0