

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
 Data File : BM023989.D
 Acq On : 04 Dec 2019 02:48
 Operator : JU
 Sample : K5914-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLNT5

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-BM112719MA.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	3.028	22	24	39	rVB	95099	162478	1.90%	0.174%
2	3.652	124	130	138	rBV	52687	94905	1.11%	0.101%
3	3.734	141	144	150	rVB	29048	40270	0.47%	0.043%
4	4.646	295	299	303	rBV	36970	59975	0.70%	0.064%
5	6.016	529	532	536	rBV4	9200	11388	0.13%	0.012%
6	6.175	555	559	567	rVB	46169	74575	0.87%	0.080%
7	6.669	636	643	660	rBV	1452554	2565379	30.04%	2.741%
8	6.828	665	670	681	rVB	1230141	1947830	22.81%	2.081%
9	7.016	696	702	716	rVB	1625136	2590280	30.33%	2.767%
10	7.481	774	781	790	rBV	1224965	1945072	22.78%	2.078%
11	7.569	792	796	800	rVV5	14674	27591	0.32%	0.029%
12	7.616	801	804	809	rVB2	13290	22341	0.26%	0.024%
13	7.704	814	819	824	rBV5	8784	13188	0.15%	0.014%
14	8.198	896	903	920	rBV	1888044	3106230	36.37%	3.318%
15	8.316	920	923	934	rVB3	17860	32357	0.38%	0.035%
16	8.634	969	977	991	rBV	1445508	2425111	28.40%	2.591%
17	8.728	991	993	1000	rVB6	5059	9270	0.11%	0.010%
18	8.798	1000	1005	1007	rBV6	7061	11738	0.14%	0.013%
19	8.969	1028	1034	1040	rVB4	25204	42775	0.50%	0.046%
20	9.081	1048	1053	1058	rVB2	21909	34819	0.41%	0.037%
21	9.140	1058	1063	1067	rVV5	4786	9245	0.11%	0.010%
22	9.351	1092	1099	1113	rBV	1120062	1953794	22.88%	2.087%
23	9.887	1182	1190	1209	rBV	1768806	3129068	36.64%	3.343%
24	10.134	1227	1232	1237	rBV7	15579	26953	0.32%	0.029%
25	10.251	1244	1252	1261	rBV	1720244	2761446	32.34%	2.950%
26	10.328	1261	1265	1270	rVB5	12175	17598	0.21%	0.019%
27	10.398	1270	1277	1294	rBV	1218868	2428533	28.44%	2.594%
28	11.857	1520	1525	1530	rVV3	26057	44874	0.53%	0.048%
29	11.945	1533	1540	1551	rBV6	20658	65170	0.76%	0.070%
30	12.145	1569	1574	1578	rBV5	4382	9193	0.11%	0.010%
31	12.510	1627	1636	1646	rBV3	45813	138928	1.63%	0.148%
32	12.745	1672	1676	1682	rVB6	9256	16268	0.19%	0.017%
33	12.869	1693	1697	1699	rBV5	7997	10878	0.13%	0.012%
34	12.980	1711	1716	1721	rBV9	6126	11537	0.14%	0.012%

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35	13.051	1724	1728	1733	rVV3	32644	52752	0.62%	0.056%
36	13.457	1790	1797	1808	rBV	29318	66454	0.78%	0.071%
37	13.563	1808	1815	1819	rBV	3340403	4503902	52.74%	4.811%
38	13.610	1819	1823	1833	rVB	1155541	1604079	18.78%	1.714%
39	13.828	1852	1860	1873	rBV	3625938	5402656	63.26%	5.772%
40	13.998	1885	1889	1893	rBV7	7526	10496	0.12%	0.011%
41	14.063	1897	1900	1904	rBV4	7595	10037	0.12%	0.011%
42	14.139	1906	1913	1923	rBV	2507183	3643411	42.66%	3.892%
43	14.222	1926	1927	1937	rVB8	13067	25440	0.30%	0.027%
44	14.375	1947	1953	1967	rBV	962465	1894835	22.19%	2.024%
45	14.539	1978	1981	1982	rBV3	10617	10199	0.12%	0.011%
46	14.586	1985	1989	1998	rVB2	96834	165434	1.94%	0.177%
47	14.710	2008	2010	2014	rVB4	10482	14386	0.17%	0.015%
48	14.974	2051	2055	2060	rVV4	11276	19159	0.22%	0.020%
49	15.027	2060	2064	2068	rVB3	15302	23694	0.28%	0.025%
50	15.145	2077	2084	2094	rBV	4695273	6872003	80.47%	7.341%
51	15.216	2094	2096	2102	rVB6	10060	15987	0.19%	0.017%
52	15.286	2102	2108	2120	rBV	1199944	1780246	20.85%	1.902%
53	15.386	2120	2125	2130	rVB	57236	88694	1.04%	0.095%
54	15.533	2148	2150	2154	rVB5	7161	8670	0.10%	0.009%
55	15.586	2156	2159	2164	rBV5	21415	36788	0.43%	0.039%
56	15.727	2179	2183	2188	rBV6	16891	25452	0.30%	0.027%
57	15.780	2189	2192	2196	rVB6	10063	13182	0.15%	0.014%
58	15.898	2207	2212	2214	rBV4	12014	18609	0.22%	0.020%
59	15.927	2214	2217	2222	rVB4	21210	33836	0.40%	0.036%
60	16.057	2238	2239	2245	rVB6	7301	10750	0.13%	0.011%
61	16.145	2252	2254	2259	rVB4	9682	12101	0.14%	0.013%
62	16.257	2266	2273	2277	rBV9	7038	16221	0.19%	0.017%
63	16.298	2277	2280	2284	rBV5	8374	11710	0.14%	0.013%
64	16.574	2323	2327	2332	rVB7	10136	14945	0.17%	0.016%
65	16.686	2342	2346	2350	rBV3	20728	30370	0.36%	0.032%
66	16.898	2376	2382	2392	rBV	2753868	4044029	47.35%	4.320%
67	16.992	2392	2398	2414	rVV	4735419	6855755	80.28%	7.324%
68	17.098	2414	2416	2423	rVB7	11785	19259	0.23%	0.021%
69	17.316	2447	2453	2458	rBV9	21276	42954	0.50%	0.046%
70	17.592	2497	2500	2505	rBV5	6460	8862	0.10%	0.009%
71	17.821	2534	2539	2547	rBV2	377646	599144	7.02%	0.640%

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72	18.127	2584	2591	2592	rBV6	17307	35092	0.41%	0.037%
73	18.192	2598	2602	2606	rBV	42504	52895	0.62%	0.057%
74	18.292	2617	2619	2625	rVB7	15939	22357	0.26%	0.024%
75	18.757	2695	2698	2703	rBV2	30421	51265	0.60%	0.055%
76	18.933	2725	2728	2733	rBV	56203	76334	0.89%	0.082%
77	19.115	2754	2759	2766	rBV3	125588	229698	2.69%	0.245%
78	19.186	2768	2771	2776	rVB	51669	75068	0.88%	0.080%
79	19.304	2784	2791	2796	rBV	5540744	7703896	90.21%	8.230%
80	19.886	2887	2890	2898	rVB2	161990	196317	2.30%	0.210%
81	20.845	3049	3053	3060	rBV	786982	1045588	12.24%	1.117%
82	21.104	3092	3097	3106	rBV	3734786	4718071	55.25%	5.040%
83	21.703	3196	3199	3210	rBV2	848977	1337825	15.67%	1.429%
84	22.633	3354	3357	3360	rVB	326650	383118	4.49%	0.409%
85	23.109	3432	3438	3445	rBV	4877181	8540010	100.00%	9.123%
86	23.245	3455	3461	3468	rBV	3067474	5292220	61.97%	5.654%

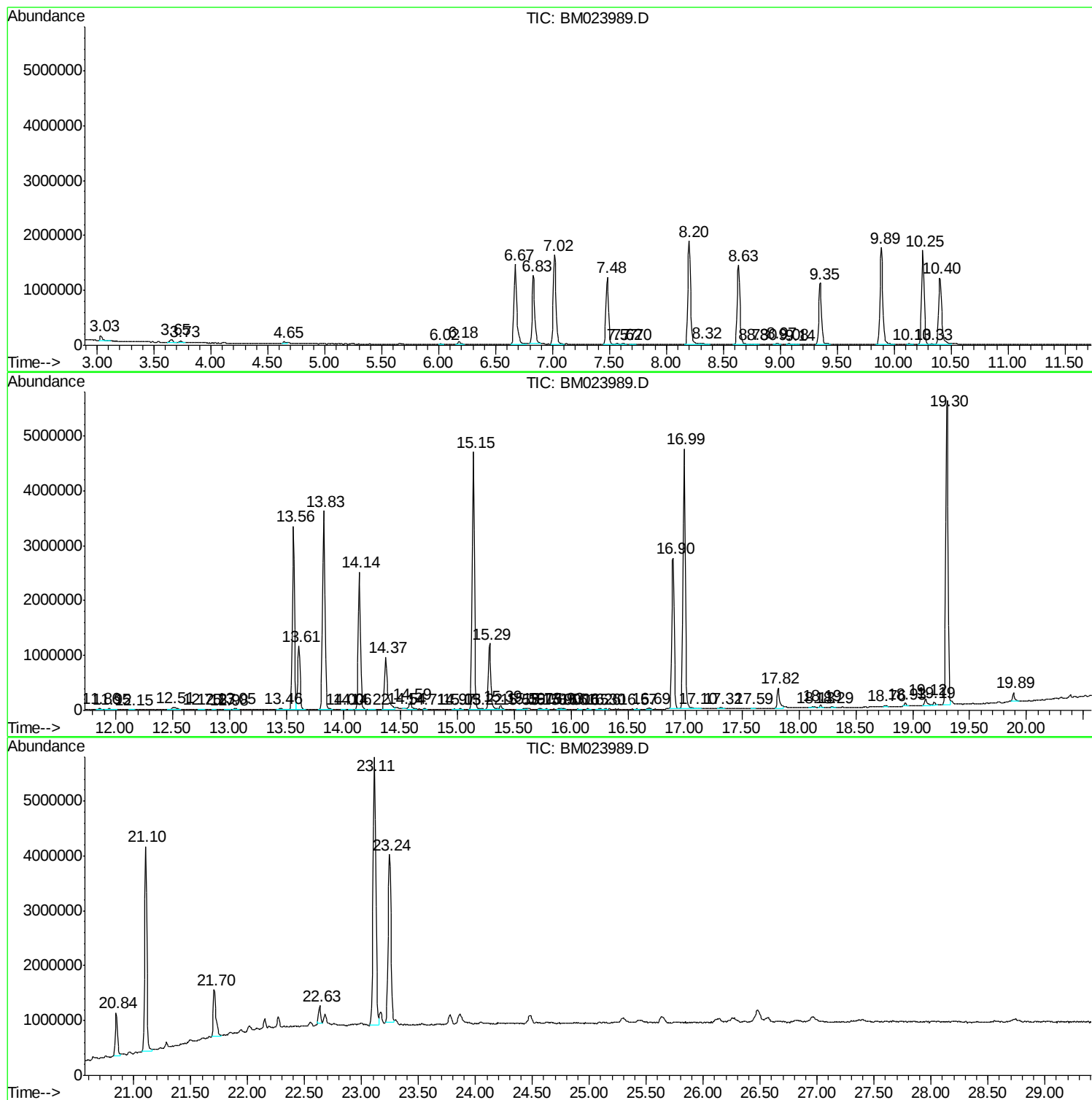
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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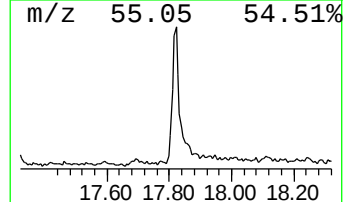
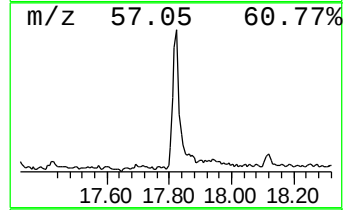
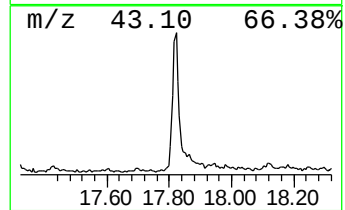
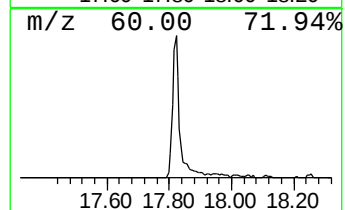
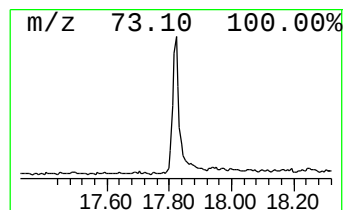
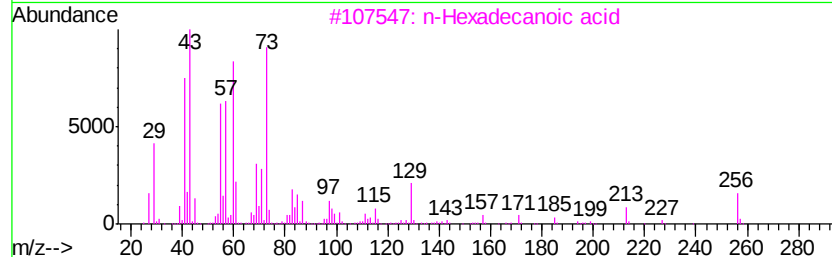
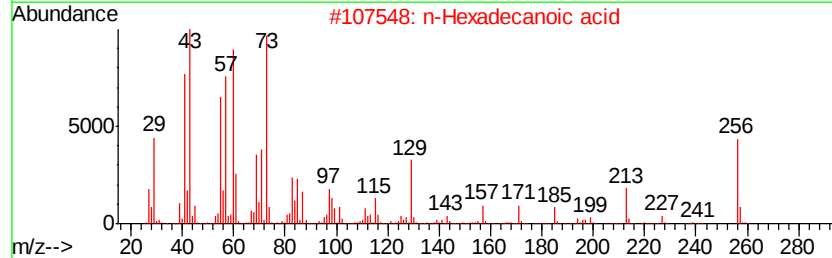
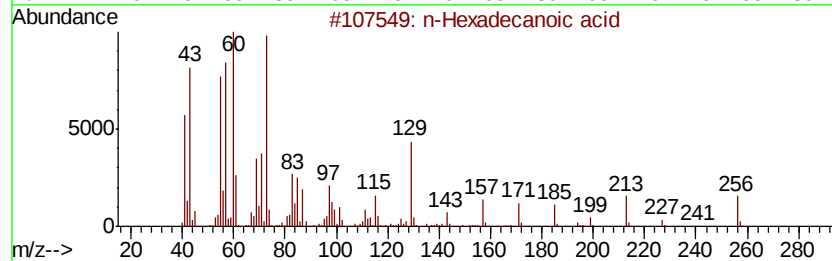
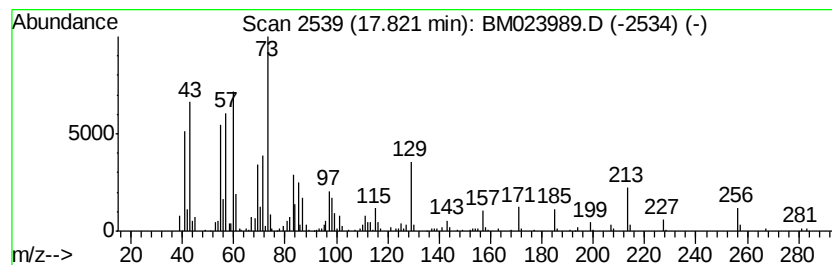
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.96 ng/ul	599144	Phenanthrene-d10	16.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Tridecanoic acid	214	C13H26O2	000638-53-9	74



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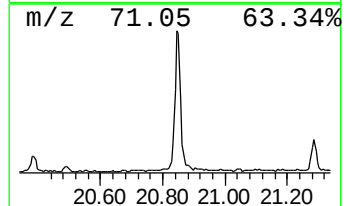
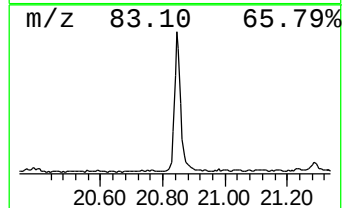
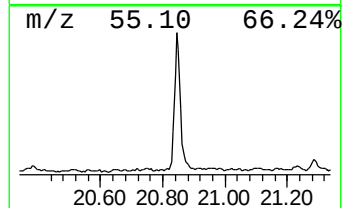
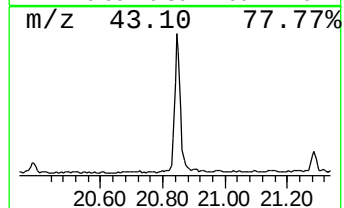
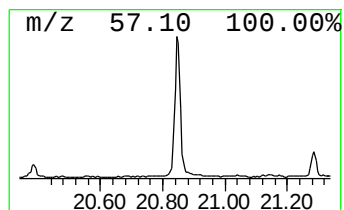
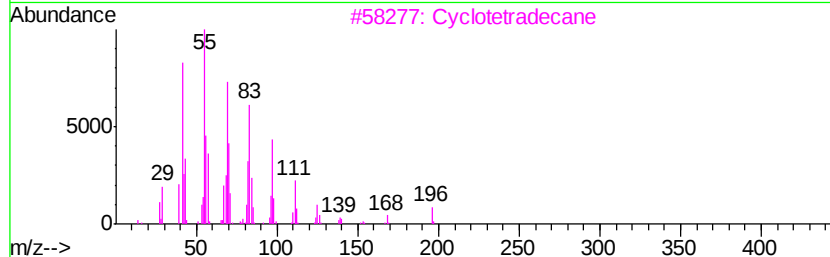
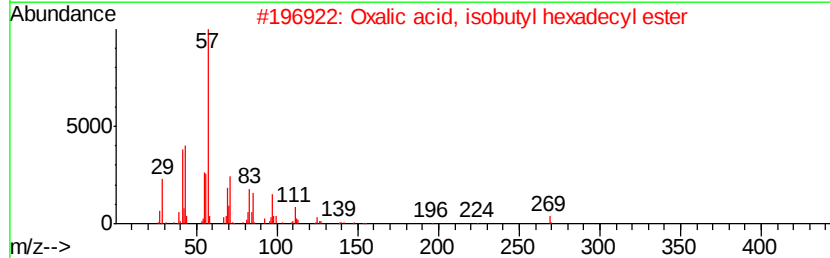
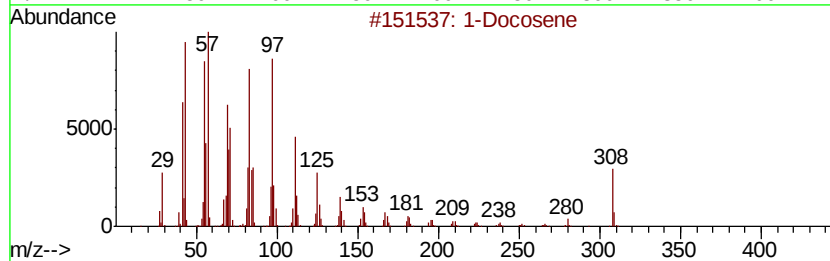
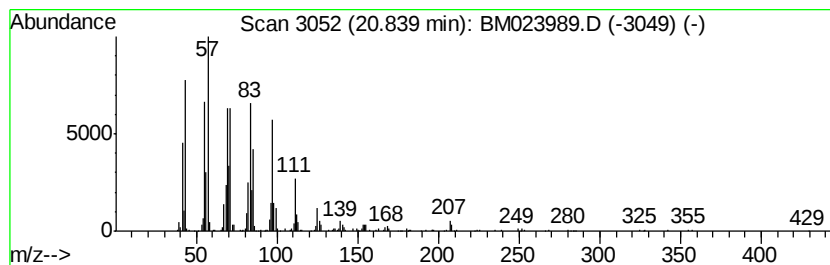
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic20.84 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	4.43 ng/ul	1045590	Chrysene-d12	21.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	93
2			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3			Cyclotetradecane	196	C14H28	000295-17-0	83
4			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
5			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76



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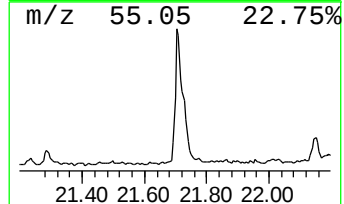
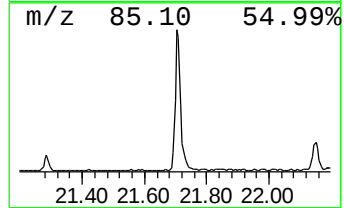
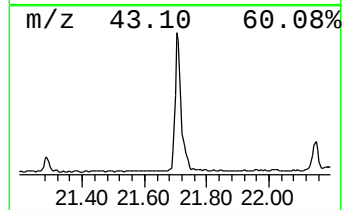
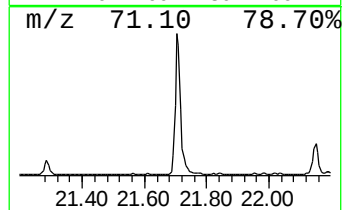
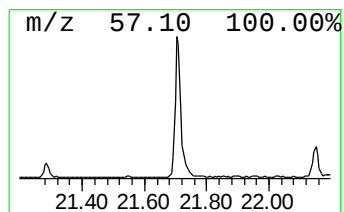
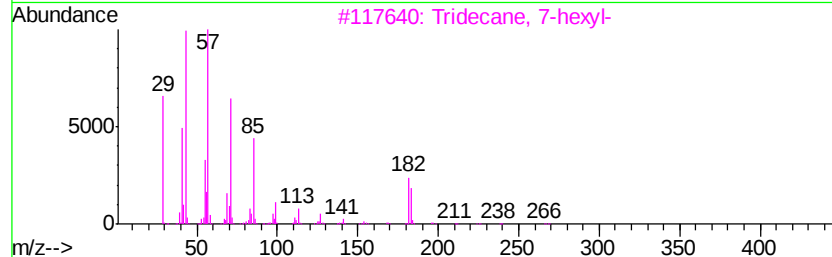
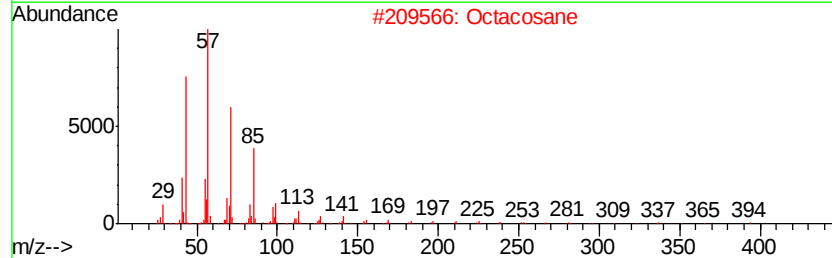
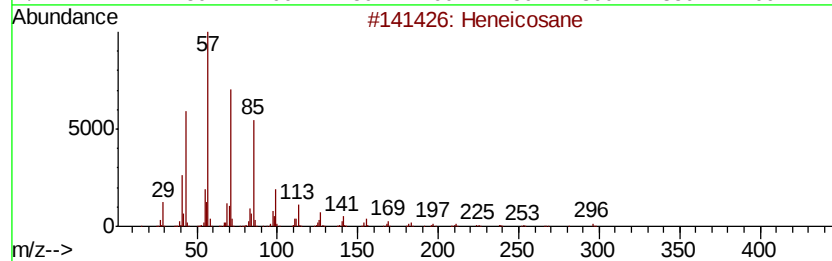
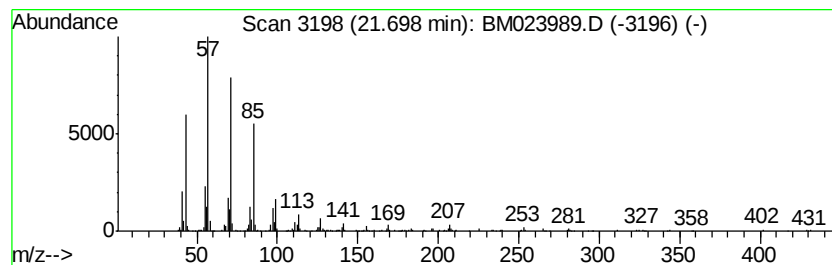
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Quant Title : SVOA CALIBRATION

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.
21.70	5.67 ng/ul	1337830	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	87
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptacosane	380	C27H56	000593-49-7	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	3.0	ng/ul	599144	4	16.90	4044030	20.0
(DEL) Alkane: Cyc...	20.84	4.4	ng/ul	1045590	5	21.10	4718070	20.0
(DEL) Alkane: Str...	21.70	5.7	ng/ul	1337830	5	21.10	4718070	20.0