

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
 Data File : BM018015.D
 Acq On : 08 Dec 2018 12:59
 Operator : JU/SJ
 Sample : J6077-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y36

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-BM111918MA.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	3.163	26	30	35	rVB	22162	32932	1.43%	0.123%
2	3.457	76	80	82	rBV3	5114	8454	0.37%	0.032%
3	3.852	144	147	153	rVB3	6880	10901	0.47%	0.041%
4	4.546	264	265	270	rVB3	3739	5149	0.22%	0.019%
5	4.751	296	300	305	rBV3	14088	22462	0.98%	0.084%
6	4.799	305	308	313	rVB6	5457	9154	0.40%	0.034%
7	5.028	345	347	353	rVB4	2989	4718	0.21%	0.018%
8	6.116	529	532	534	rBV3	7118	7738	0.34%	0.029%
9	6.198	542	546	547	rBV3	4130	4327	0.19%	0.016%
10	6.234	549	552	557	rVB4	6357	10030	0.44%	0.037%
11	6.693	627	630	633	rBV4	5557	6435	0.28%	0.024%
12	6.745	633	639	656	rVB2	337316	735890	32.05%	2.747%
13	6.904	661	666	679	rVB	293587	499992	21.77%	1.867%
14	7.093	692	698	711	rVB	429919	716319	31.19%	2.674%
15	7.557	765	777	785	rBV	496185	860711	37.48%	3.213%
16	7.822	819	822	826	rVV3	5789	6468	0.28%	0.024%
17	7.875	828	831	834	rVB3	3172	4599	0.20%	0.017%
18	8.092	862	868	872	rBV3	3136	6519	0.28%	0.024%
19	8.269	889	898	911	rBV	412955	775182	33.76%	2.894%
20	8.604	945	955	956	rBV3	3919	6540	0.28%	0.024%
21	8.639	956	961	965	rVB5	8627	15244	0.66%	0.057%
22	8.710	965	973	985	rBV	360538	635577	27.68%	2.373%
23	8.787	985	986	991	rVB4	4766	3977	0.17%	0.015%
24	9.010	1021	1024	1029	rVV5	2637	4362	0.19%	0.016%
25	9.098	1031	1039	1043	rVV4	10200	17786	0.77%	0.066%
26	9.163	1047	1050	1057	rVV4	7212	10495	0.46%	0.039%
27	9.234	1057	1062	1066	rVB4	10598	12875	0.56%	0.048%
28	9.357	1078	1083	1086	rBV4	2623	3691	0.16%	0.014%
29	9.422	1086	1094	1106	rBV	293075	549251	23.92%	2.050%
30	9.498	1106	1107	1109	rVB2	9371	5257	0.23%	0.020%
31	9.728	1141	1146	1149	rBV2	11671	15919	0.69%	0.059%
32	9.892	1170	1174	1175	rBV2	2529	3821	0.17%	0.014%
33	9.957	1179	1185	1196	rBV	358953	703747	30.65%	2.627%
34	10.322	1240	1247	1257	rVV	673352	1133837	49.38%	4.233%

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35	10.481	1267	1274	1292	rBV	301977	737433	32.11%	2.753%
36	10.792	1324	1327	1333	rVB6	7046	13747	0.60%	0.051%
37	10.857	1336	1338	1340	rBV2	3438	3663	0.16%	0.014%
38	10.980	1353	1359	1362	rBV6	7346	13036	0.57%	0.049%
39	11.010	1362	1364	1369	rVB3	7520	10665	0.46%	0.040%
40	11.145	1382	1387	1389	rBV5	4173	6640	0.29%	0.025%
41	11.163	1389	1390	1395	rVB4	4797	4622	0.20%	0.017%
42	11.339	1415	1420	1429	rBV4	28091	55597	2.42%	0.208%
43	11.498	1440	1447	1448	rBV4	3782	5622	0.24%	0.021%
44	11.592	1458	1463	1467	rBV5	9342	14719	0.64%	0.055%
45	11.663	1470	1475	1476	rBV2	5502	6171	0.27%	0.023%
46	11.727	1483	1486	1487	rBV3	4646	4259	0.19%	0.016%
47	11.769	1491	1493	1496	rVB2	3228	3972	0.17%	0.015%
48	11.886	1511	1513	1518	rVB3	5883	5643	0.25%	0.021%
49	12.210	1565	1568	1569	rBV2	4133	4029	0.18%	0.015%
50	12.227	1569	1571	1575	rVB3	6073	7596	0.33%	0.028%
51	12.374	1590	1596	1598	rBV5	2818	5563	0.24%	0.021%
52	12.457	1606	1610	1615	rVB5	7313	12916	0.56%	0.048%
53	12.510	1617	1619	1622	rBV3	3722	5045	0.22%	0.019%
54	12.674	1644	1647	1649	rBV3	4361	5708	0.25%	0.021%
55	12.722	1649	1655	1661	rVV	32535	52212	2.27%	0.195%
56	12.804	1667	1669	1675	rBV6	3743	7246	0.32%	0.027%
57	12.863	1675	1679	1682	rBV3	5059	6703	0.29%	0.025%
58	12.992	1697	1701	1705	rBV6	10366	15069	0.66%	0.056%
59	13.033	1705	1708	1714	rVV6	11502	18781	0.82%	0.070%
60	13.104	1718	1720	1724	rBV3	5790	8636	0.38%	0.032%
61	13.245	1738	1744	1746	rBV6	8562	14689	0.64%	0.055%
62	13.363	1762	1764	1768	rBV2	4689	7120	0.31%	0.027%
63	13.527	1788	1792	1796	rVB5	8231	12657	0.55%	0.047%
64	13.580	1796	1801	1802	rBV3	8070	10653	0.46%	0.040%
65	13.627	1802	1809	1814	rVV	677833	1105325	48.13%	4.126%
66	13.674	1814	1817	1827	rVB	156987	263107	11.46%	0.982%
67	13.892	1847	1854	1865	rBV	926304	1373653	59.82%	5.128%
68	14.116	1885	1892	1896	rBV6	6330	11159	0.49%	0.042%
69	14.157	1896	1899	1900	rBV2	3999	4019	0.18%	0.015%
70	14.204	1900	1907	1915	rVV2	854016	1358460	59.16%	5.071%
71	14.463	1944	1951	1970	rBV4	65944	286804	12.49%	1.071%

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72	14.686	1987	1989	1993	rBV4	3820	5722	0.25%	0.021%
73	14.733	1995	1997	2003	rVB6	12450	16084	0.70%	0.060%
74	14.833	2012	2014	2017	rVB3	5756	5717	0.25%	0.021%
75	15.121	2059	2063	2064	rBV3	3346	3944	0.17%	0.015%
76	15.204	2071	2077	2090	rBV	1086066	1699456	74.01%	6.344%
77	15.351	2096	2102	2115	rBV	233002	420127	18.30%	1.568%
78	15.474	2115	2123	2128	rVB4	28217	70113	3.05%	0.262%
79	15.627	2146	2149	2153	rBV5	3553	5514	0.24%	0.021%
80	15.686	2157	2159	2164	rVB4	4565	5268	0.23%	0.020%
81	15.957	2198	2205	2210	rBV	31462	50213	2.19%	0.187%
82	16.304	2260	2264	2267	rVV5	3050	4507	0.20%	0.017%
83	16.339	2267	2270	2273	rVB4	2939	3982	0.17%	0.015%
84	16.774	2334	2344	2351	rVV8	12289	31891	1.39%	0.119%
85	16.880	2359	2362	2365	rBV4	3422	4796	0.21%	0.018%
86	16.962	2369	2376	2384	rBV	1013819	1508594	65.69%	5.632%
87	17.062	2387	2393	2407	rVB2	1081610	1740766	75.81%	6.499%
88	17.468	2460	2462	2464	rBV2	3636	3919	0.17%	0.015%
89	17.868	2525	2530	2540	rBV2	139891	255214	11.11%	0.953%
90	18.162	2576	2580	2585	rBV6	5152	9327	0.41%	0.035%
91	19.162	2746	2750	2760	rBV4	56701	89475	3.90%	0.334%
92	19.309	2772	2775	2779	rBV3	30320	39310	1.71%	0.147%
93	19.368	2779	2785	2794	rVV	1364874	2012035	87.62%	7.511%
94	20.368	2951	2955	2958	rBV	96576	102234	4.45%	0.382%
95	20.427	2962	2965	2970	rVB2	52721	64880	2.83%	0.242%
96	20.897	3041	3045	3053	rBV	252521	369799	16.10%	1.381%
97	21.174	3087	3092	3103	rBV	1242858	1805091	78.61%	6.739%
98	21.333	3117	3119	3123	rVB	76857	76125	3.32%	0.284%
99	23.209	3432	3438	3451	rVB	1099162	2296368	100.00%	8.573%
100	23.344	3456	3461	3471	rVB2	923488	1753269	76.35%	6.545%

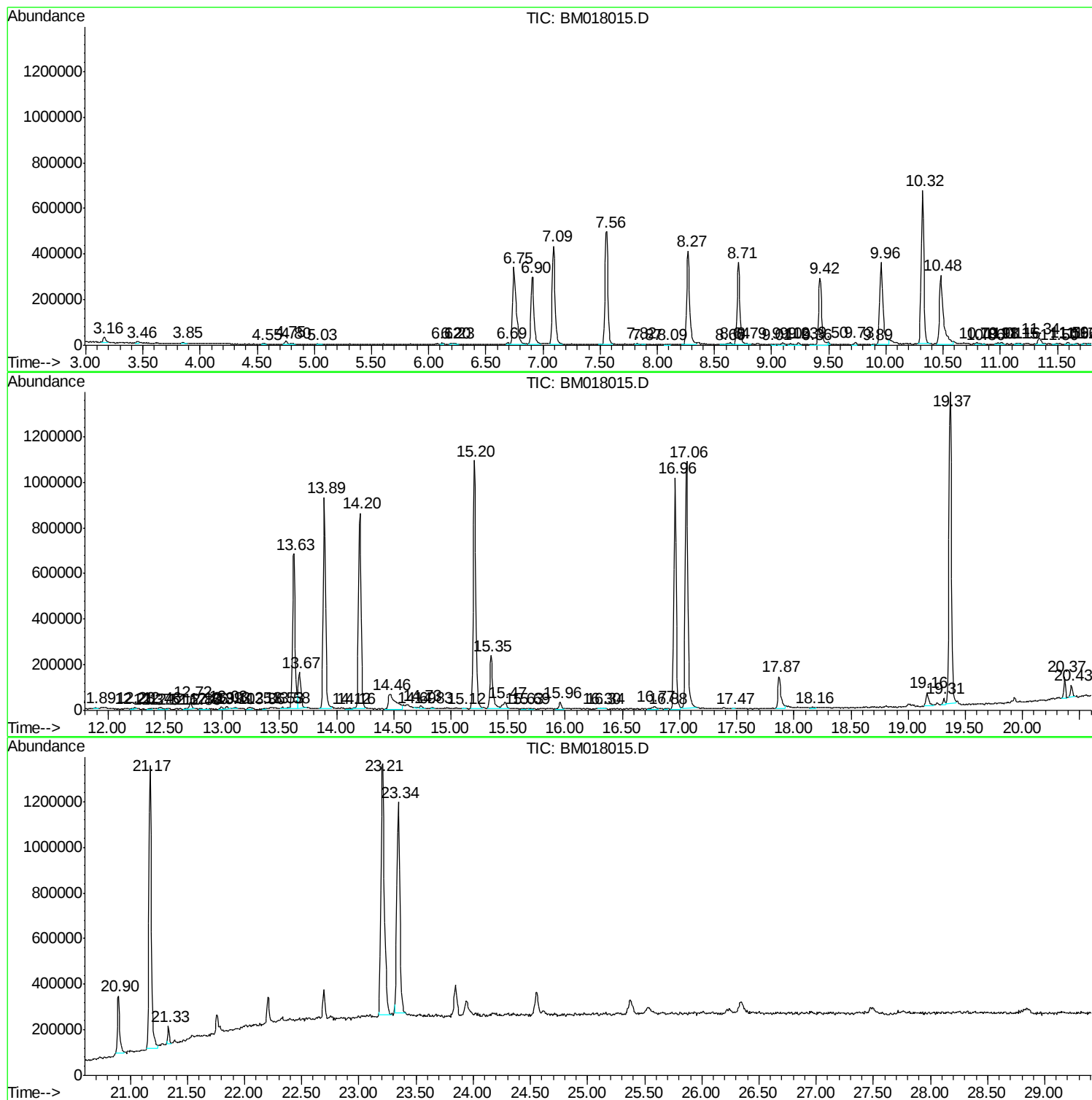
Sum of corrected areas: 26787038

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Quant Title : SVOA CALIBRATION

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



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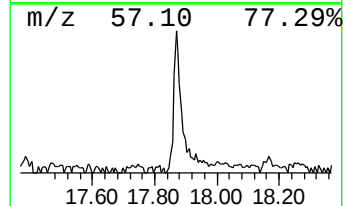
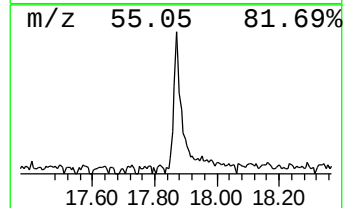
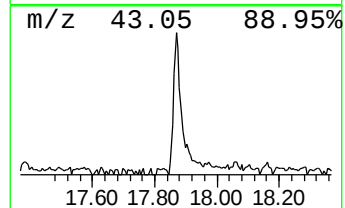
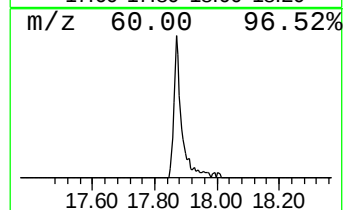
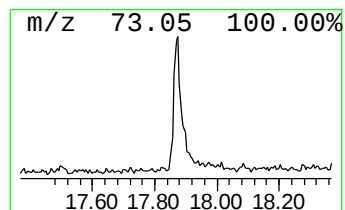
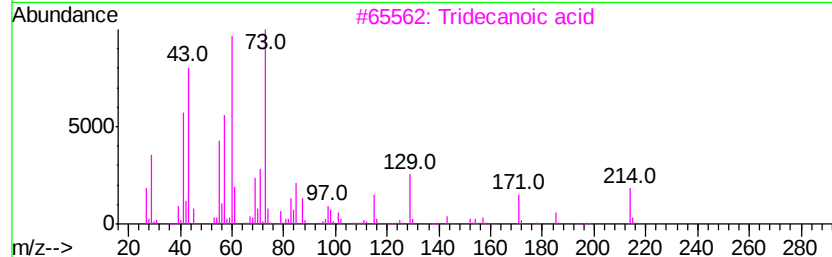
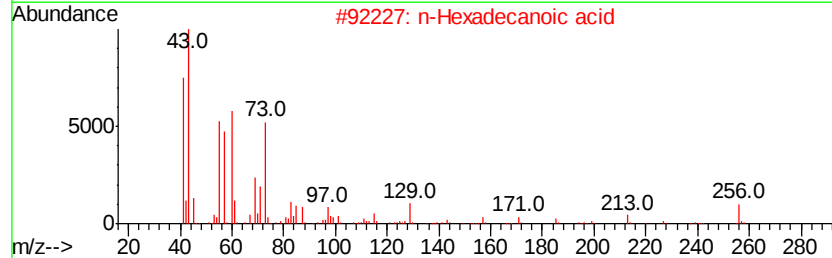
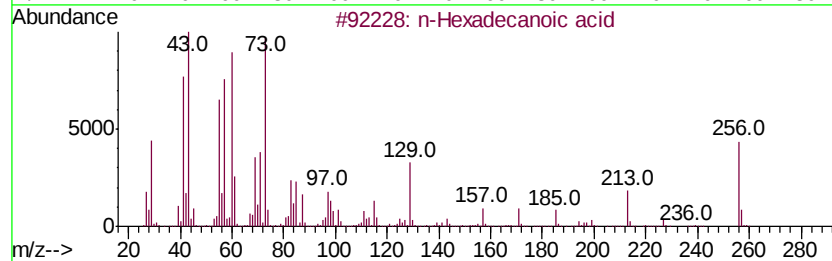
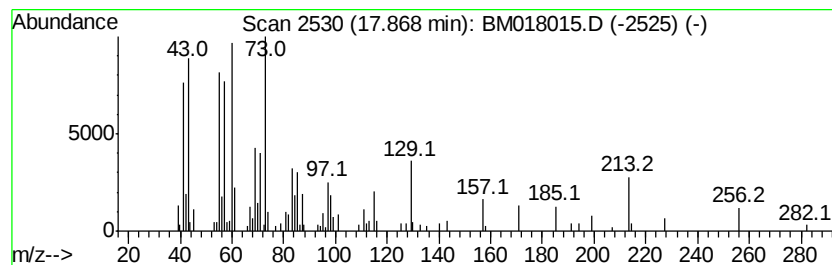
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.38 ng/ul	255214	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46



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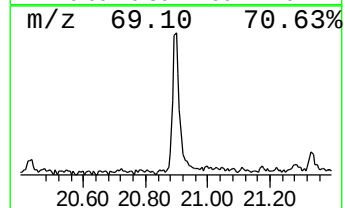
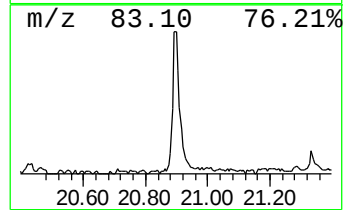
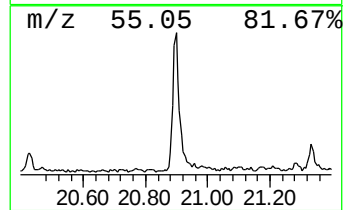
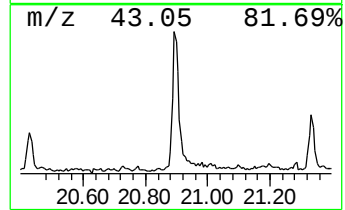
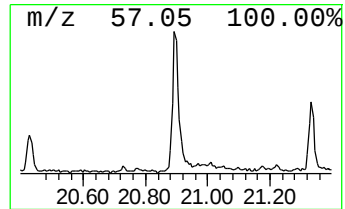
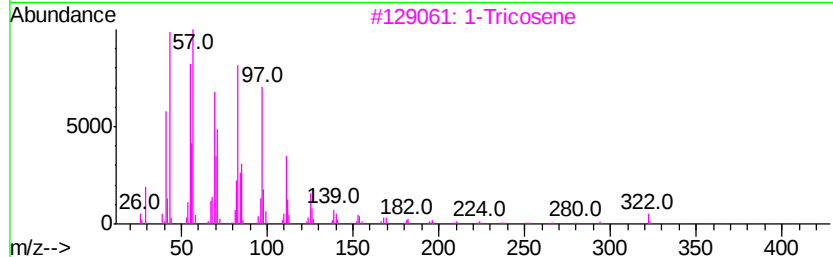
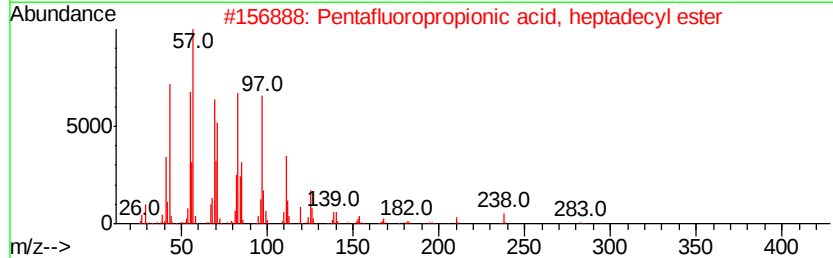
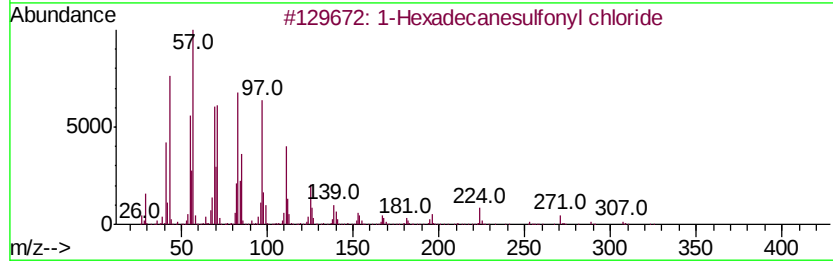
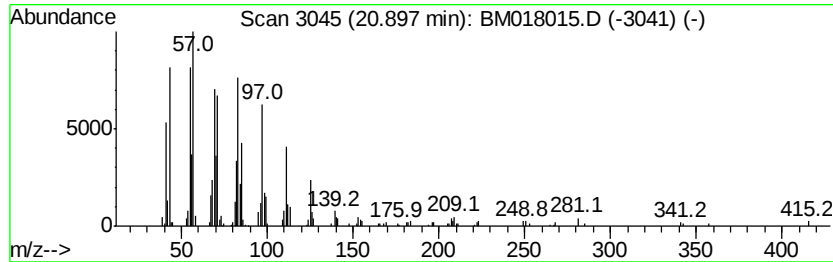
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Hexadecanesulfonyl chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.10 ng/ul	369799	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
3		1-Tricosene	322	C23H46	018835-32-0	87
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	3.4	ng/ul	255214	4	16.96	1508590	20.0
1-Hexadecanesulfo...	20.90	4.1	ng/ul	369799	5	21.17	1805090	20.0