

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092317\
 Data File : BM011701.D
 Acq On : 23 Sep 2017 11:51
 Operator : SJ/JU
 Sample : PB102499BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK99

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.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	3.381	12	16	24	rVB	76037	109119	2.29%	0.201%
2	4.075	130	134	136	rBV5	4434	5572	0.12%	0.010%
3	4.140	139	145	147	rVB5	5925	8751	0.18%	0.016%
4	4.452	195	198	199	rBV3	4009	4873	0.10%	0.009%
5	4.993	287	290	293	rBV5	4426	5910	0.12%	0.011%
6	5.081	302	305	310	rVB6	6080	10047	0.21%	0.018%
7	5.134	310	314	317	rBV5	6386	8689	0.18%	0.016%
8	5.281	336	339	340	rVB3	5592	4935	0.10%	0.009%
9	5.875	437	440	443	rBV5	4529	5972	0.13%	0.011%
10	5.957	452	454	456	rVB3	6411	5429	0.11%	0.010%
11	6.152	486	487	491	rBV4	5667	7559	0.16%	0.014%
12	6.210	494	497	500	rVB5	4175	5401	0.11%	0.010%
13	6.487	541	544	547	rBV5	3885	5424	0.11%	0.010%
14	6.757	588	590	593	rVB5	4419	5042	0.11%	0.009%
15	6.804	593	598	599	rBV4	4820	5892	0.12%	0.011%
16	7.099	640	648	662	rBV	1041391	1744410	36.53%	3.211%
17	7.275	671	678	689	rBV	825607	1290299	27.02%	2.375%
18	7.369	689	694	698	rVB7	6188	11655	0.24%	0.021%
19	7.481	705	713	725	rBV	1062800	1752024	36.69%	3.225%
20	7.563	725	727	732	rVB6	4286	5356	0.11%	0.010%
21	7.746	756	758	761	rVB4	6613	5883	0.12%	0.011%
22	7.793	761	766	768	rBV5	3997	5758	0.12%	0.011%
23	7.951	787	793	800	rVV	760940	1212690	25.40%	2.233%
24	7.998	800	801	805	rVB4	5911	5397	0.11%	0.010%
25	8.645	901	911	922	rBV	1191536	1973142	41.32%	3.633%
26	9.110	983	990	999	rBV	977683	1674284	35.06%	3.082%
27	9.363	1030	1033	1038	rBV7	3012	4803	0.10%	0.009%
28	9.522	1058	1060	1062	rVB3	5300	4949	0.10%	0.009%
29	9.663	1081	1084	1086	rBV3	5412	5383	0.11%	0.010%
30	9.834	1106	1113	1125	rVV	826112	1417337	29.68%	2.609%
31	9.945	1129	1132	1134	rBV4	5444	5895	0.12%	0.011%
32	10.369	1197	1204	1214	rBV	1158961	1948549	40.81%	3.587%
33	10.475	1219	1222	1225	rVB5	4248	5122	0.11%	0.009%
34	10.757	1262	1270	1281	rVB	929635	1597345	33.45%	2.941%

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35	10.887	1283	1292	1310	rBV	1173340	2098898	43.96%	3.864%
36	11.098	1327	1328	1332	rBV4	5012	5021	0.11%	0.009%
37	11.534	1398	1402	1403	rBV4	5569	5859	0.12%	0.011%
38	11.575	1406	1409	1412	rVB5	5412	6932	0.15%	0.013%
39	12.333	1534	1538	1544	rVB5	19788	38884	0.81%	0.072%
40	12.510	1567	1568	1571	rBV3	4883	5864	0.12%	0.011%
41	12.563	1574	1577	1579	rVB4	5098	6578	0.14%	0.012%
42	12.633	1585	1589	1590	rBV3	5847	5828	0.12%	0.011%
43	12.692	1597	1599	1602	rVB4	5575	5151	0.11%	0.009%
44	12.845	1620	1625	1628	rBV7	5728	8489	0.18%	0.016%
45	12.881	1628	1631	1633	rBV4	5330	6777	0.14%	0.012%
46	12.933	1637	1640	1641	rBV3	5401	5707	0.12%	0.011%
47	12.957	1641	1644	1649	rVV6	9551	17125	0.36%	0.032%
48	13.186	1681	1683	1684	rVV2	8896	7354	0.15%	0.014%
49	13.216	1686	1688	1694	rVV6	13037	21217	0.44%	0.039%
50	13.498	1734	1736	1740	rBV5	5478	7103	0.15%	0.013%
51	13.551	1743	1745	1748	rBV4	5137	4836	0.10%	0.009%
52	13.586	1748	1751	1752	rBV3	5995	5228	0.11%	0.010%
53	13.686	1767	1768	1771	rVB3	6085	4992	0.10%	0.009%
54	13.722	1771	1774	1775	rBV3	4592	4986	0.10%	0.009%
55	13.986	1810	1819	1830	rVV	1937499	2671306	55.94%	4.918%
56	14.092	1834	1837	1839	rBV4	3898	5157	0.11%	0.009%
57	14.280	1862	1869	1879	rBV	2017851	3027160	63.39%	5.573%
58	14.416	1887	1892	1902	rVB4	36117	78560	1.65%	0.145%
59	14.586	1914	1921	1929	rVB2	1202079	1867308	39.11%	3.438%
60	14.769	1945	1952	1965	rBV	909390	1553738	32.54%	2.860%
61	14.974	1982	1987	1990	rBV7	13653	22072	0.46%	0.041%
62	15.133	2011	2014	2018	rBV7	9752	13636	0.29%	0.025%
63	15.257	2031	2035	2041	rVB6	20482	31312	0.66%	0.058%
64	15.327	2044	2047	2048	rBV3	9667	10572	0.22%	0.019%
65	15.574	2083	2089	2097	rVV	2536702	3588179	75.14%	6.606%
66	15.686	2102	2108	2116	rBV	1005124	1389023	29.09%	2.557%
67	15.810	2126	2129	2134	rVB3	31061	39721	0.83%	0.073%
68	15.945	2150	2152	2154	rVB3	6758	5309	0.11%	0.010%
69	16.027	2164	2166	2167	rVB2	9069	5869	0.12%	0.011%
70	16.063	2170	2172	2174	rVB3	6046	5424	0.11%	0.010%
71	16.227	2198	2200	2203	rBV4	6452	6291	0.13%	0.012%

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72	16.280	2205	2209	2213	rVV7	6500	9000	0.19%	0.017%
73	16.416	2227	2232	2234	rBV6	6860	10205	0.21%	0.019%
74	16.616	2262	2266	2269	rBV6	10115	18905	0.40%	0.035%
75	16.710	2277	2282	2286	rBV6	18041	32779	0.69%	0.060%
76	16.833	2301	2303	2305	rBV3	5369	5694	0.12%	0.010%
77	17.239	2369	2372	2375	rVB5	11268	15868	0.33%	0.029%
78	17.321	2380	2386	2397	rVB2	1457919	2143397	44.89%	3.946%
79	17.421	2397	2403	2410	rBV	2737845	3920779	82.11%	7.218%
80	17.586	2421	2431	2435	rBV5	30695	80930	1.69%	0.149%
81	17.668	2444	2445	2447	rBV2	6574	5633	0.12%	0.010%
82	17.927	2484	2489	2495	rBV	186986	285645	5.98%	0.526%
83	18.192	2529	2534	2544	rBV2	318688	540849	11.33%	0.996%
84	18.274	2544	2548	2557	rVB	167410	254916	5.34%	0.469%
85	19.057	2676	2681	2688	rVB4	66381	122095	2.56%	0.225%
86	19.345	2727	2730	2737	rVB3	68638	96092	2.01%	0.177%
87	19.462	2746	2750	2763	rVB	433293	712448	14.92%	1.312%
88	19.709	2786	2792	2803	rVB	3601822	4618124	96.71%	8.502%
89	19.915	2824	2827	2832	rVB	55669	68848	1.44%	0.127%
90	21.486	3089	3094	3101	rBV	1997267	2587518	54.19%	4.764%
91	23.697	3464	3470	3481	rVB2	2287217	4775086	100.00%	8.791%
92	23.850	3490	3496	3507	rVB2	1198563	2551102	53.43%	4.697%

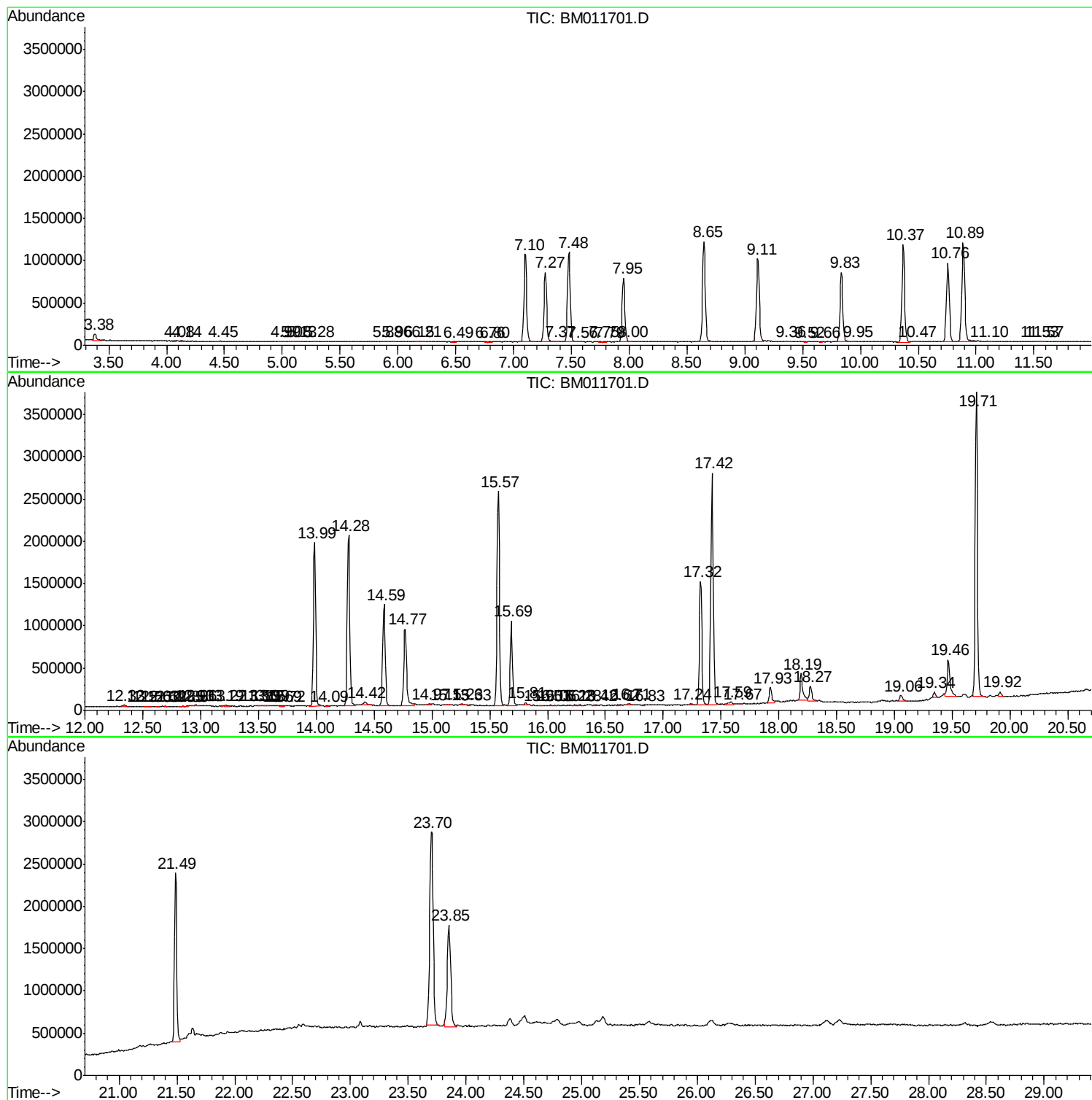
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



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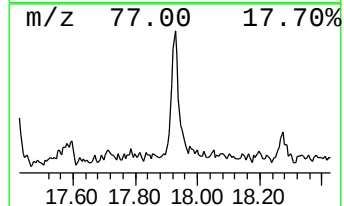
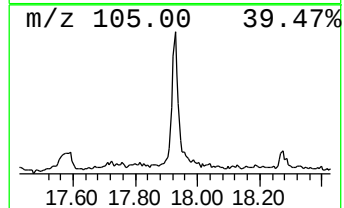
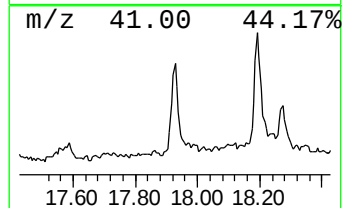
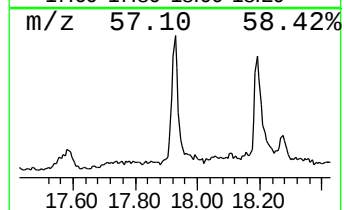
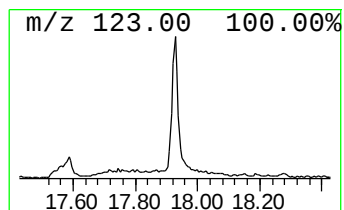
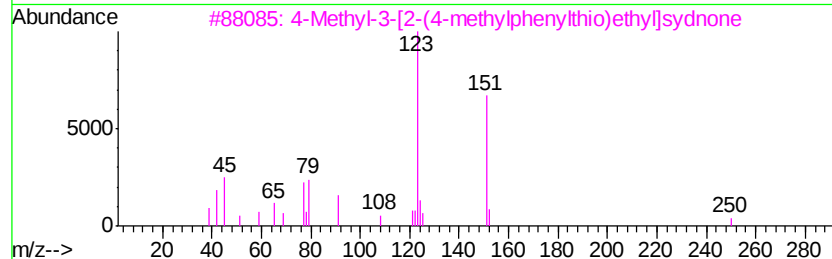
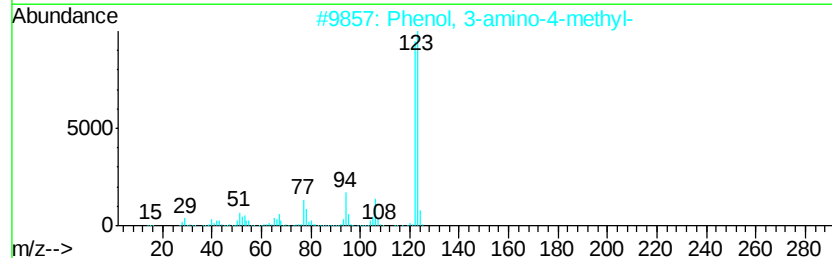
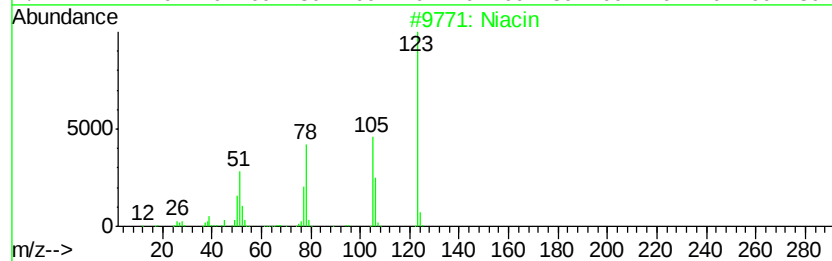
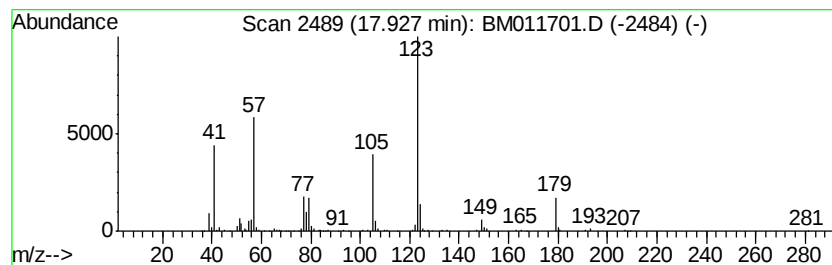
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Niacin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.93	2.67 ng/ul	285645	Phenanthrene-d10		17.32	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Niacin		123	C6H5NO2	000059-67-6	50
2	Phenol, 3-amino-4-methyl-		123	C7H9NO	002836-00-2	50
3	4-Methyl-3-[2-(4-methylphenylthi...		250	C12H14N2O2S	053492-47-0	45
4	tert-Butyl benzoate		178	C11H14O2	000774-65-2	45
5	4-Amino-2-hydroxytoluene		123	C7H9NO	002835-95-2	38



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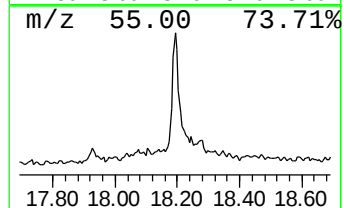
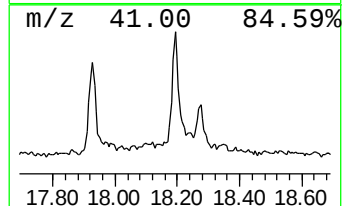
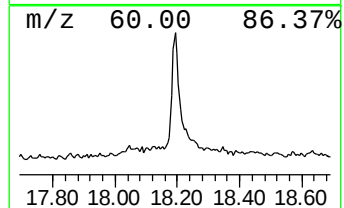
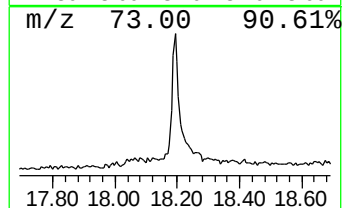
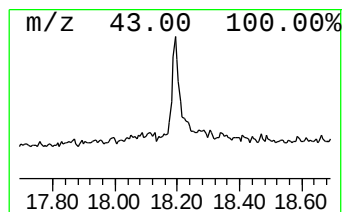
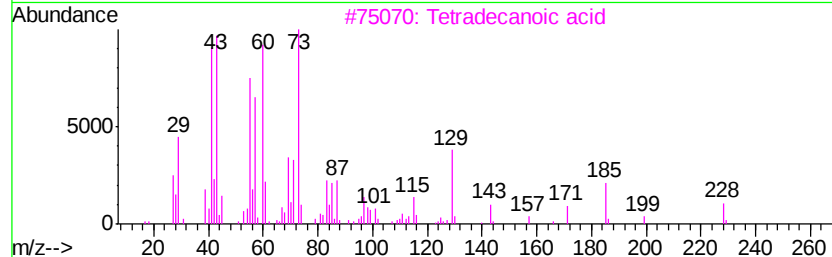
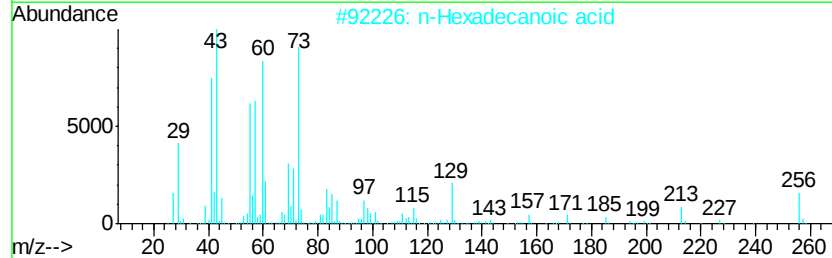
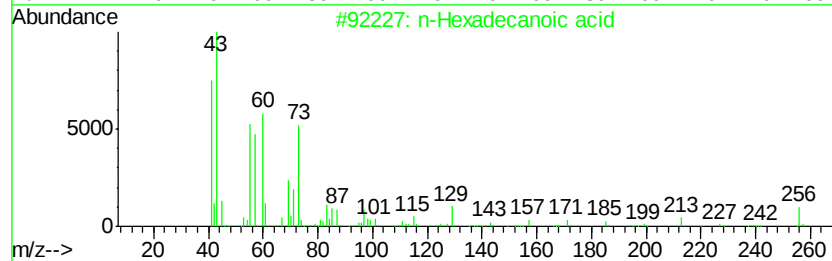
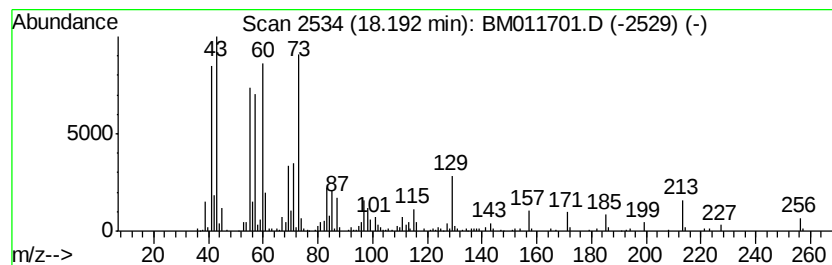
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.19	5.05 ng/ul	540849	Phenanthrene-d10		17.32	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	83
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	80
5	Tridecanoic acid		214	C13H26O2	000638-53-9	72



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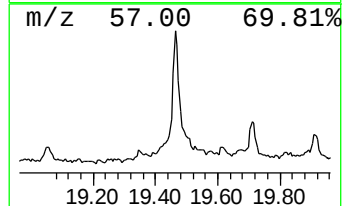
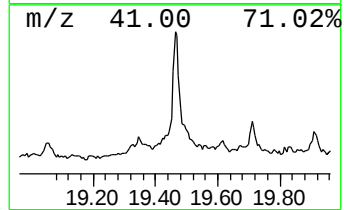
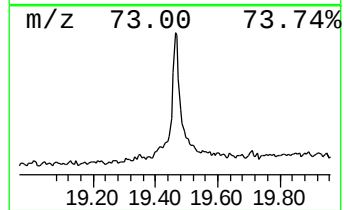
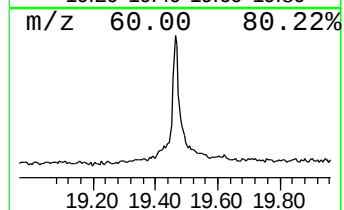
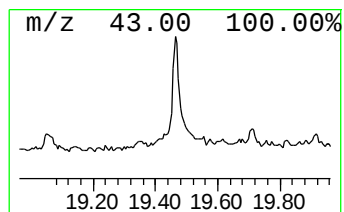
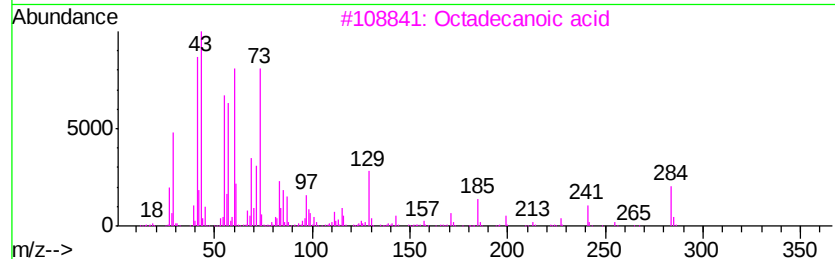
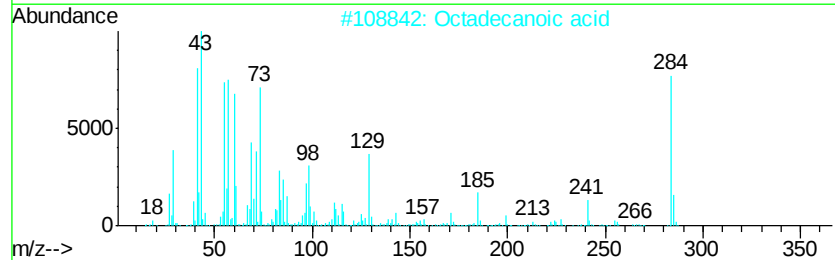
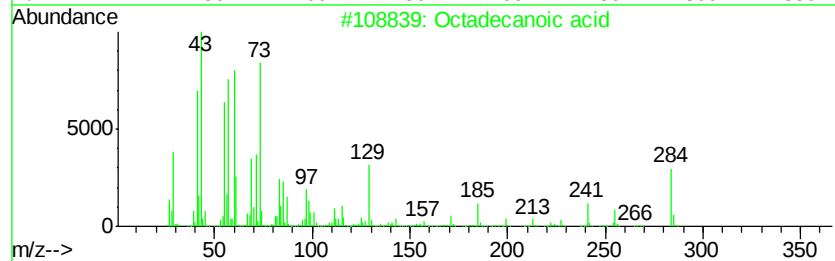
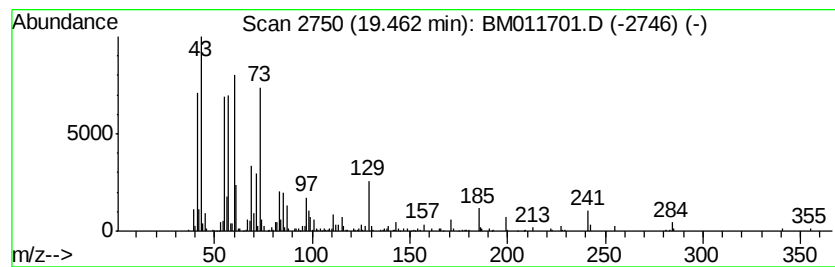
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Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.46	5.51 ng/ul	712448	Chrysene-d12		21.49		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	80
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Niacin	17.93	2.7	ng/ul	285645	4	17.32	2143400	20.0
n-Hexadecanoic acid	18.19	5.0	ng/ul	540849	4	17.32	2143400	20.0
Octadecanoic acid	19.46	5.5	ng/ul	712448	5	21.49	2587520	20.0