

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
 Data File : BM028199.D
 Acq On : 19 Dec 2020 16:21
 Operator : JU/CG
 Sample : L5071-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54J1

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-BM121520MA.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	3.416	35	39	46	rBV	26193	37445	1.85%	0.141%
2	3.751	93	96	99	rBV2	2692	3833	0.19%	0.014%
3	4.228	172	177	181	rBV	6312	8240	0.41%	0.031%
4	4.475	217	219	223	rVB4	2314	2449	0.12%	0.009%
5	5.310	356	361	364	rBV4	1734	2654	0.13%	0.010%
6	6.245	517	520	524	rVB5	2124	3314	0.16%	0.012%
7	6.857	618	624	630	rVB	44485	68265	3.37%	0.257%
8	7.157	667	675	678	rBV6	2009	4397	0.22%	0.017%
9	7.339	699	706	720	rBB	446097	726914	35.87%	2.737%
10	7.516	725	736	744	rBV	353417	577718	28.51%	2.175%
11	7.634	748	756	762	rVB2	42538	70443	3.48%	0.265%
12	7.722	764	771	779	rBV	462016	745565	36.79%	2.807%
13	7.792	779	783	790	rVV	11987	18461	0.91%	0.070%
14	8.045	822	826	831	rVB2	4739	7509	0.37%	0.028%
15	8.204	846	853	860	rBV	542727	844615	41.68%	3.180%
16	8.257	860	862	870	rVB4	5499	7554	0.37%	0.028%
17	8.339	870	876	882	rVB2	4650	8183	0.40%	0.031%
18	8.422	887	890	895	rBV6	4323	7454	0.37%	0.028%
19	8.481	895	900	907	rVB	16208	24947	1.23%	0.094%
20	8.904	966	972	984	rVV	497925	811052	40.02%	3.054%
21	9.310	1038	1041	1045	rBV4	1422	2310	0.11%	0.009%
22	9.381	1045	1053	1061	rVV	406855	675406	33.33%	2.543%
23	9.533	1075	1079	1086	rVB6	3098	3964	0.20%	0.015%
24	9.769	1114	1119	1124	rBV	5856	8892	0.44%	0.033%
25	10.104	1169	1176	1183	rBV	310997	508256	25.08%	1.914%
26	10.645	1259	1268	1280	rBV	494735	846755	41.78%	3.188%
27	10.792	1290	1293	1297	rVB4	1384	2228	0.11%	0.008%
28	11.033	1326	1334	1344	rBV	715004	1176989	58.08%	4.432%
29	11.157	1348	1355	1365	rBV	377959	640109	31.59%	2.410%
30	11.957	1487	1491	1493	rBV4	1428	2027	0.10%	0.008%
31	12.492	1578	1582	1587	rVB2	3926	5771	0.28%	0.022%
32	12.604	1596	1601	1606	rBV2	9408	14509	0.72%	0.055%
33	13.045	1672	1676	1680	rVB4	4295	5501	0.27%	0.021%
34	13.192	1696	1701	1706	rVV5	1983	3158	0.16%	0.012%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	13.433	1739	1742	1745	rBV4	2274	2762	0.14%	0.010%
36	13.639	1772	1777	1781	rVB6	2411	4277	0.21%	0.016%
37	13.710	1785	1789	1793	rVV3	7378	11464	0.57%	0.043%
38	13.751	1793	1796	1799	rVV5	4059	5211	0.26%	0.020%
39	14.227	1870	1877	1881	rBV	829862	1095746	54.07%	4.126%
40	14.274	1881	1885	1892	rVB	219758	302370	14.92%	1.138%
41	14.451	1912	1915	1921	rVB4	6843	10676	0.53%	0.040%
42	14.527	1921	1928	1938	rBV	1030302	1456285	71.86%	5.483%
43	14.704	1954	1958	1964	rVB4	4345	7364	0.36%	0.028%
44	14.786	1966	1972	1973	rVV5	7991	11686	0.58%	0.044%
45	14.827	1973	1979	1987	rVB	960103	1437122	70.91%	5.411%
46	14.998	2002	2008	2019	rBV	265870	398988	19.69%	1.502%
47	15.080	2019	2022	2028	rVB5	3651	4849	0.24%	0.018%
48	15.204	2039	2043	2048	rBV6	2285	3758	0.19%	0.014%
49	15.604	2106	2111	2114	rBV5	2530	4570	0.23%	0.017%
50	15.645	2114	2118	2122	rVB5	2612	3462	0.17%	0.013%
51	15.810	2140	2146	2155	rBV	1248642	1707214	84.24%	6.428%
52	15.921	2159	2165	2174	rBV	298153	417017	20.58%	1.570%
53	16.045	2180	2186	2191	rBV2	13208	21237	1.05%	0.080%
54	16.121	2195	2199	2202	rVV5	5150	7269	0.36%	0.027%
55	16.168	2202	2207	2214	rVB	132438	165863	8.18%	0.625%
56	16.327	2230	2234	2238	rBV6	1996	3302	0.16%	0.012%
57	16.439	2250	2253	2255	rBV4	2452	2030	0.10%	0.008%
58	16.498	2260	2263	2266	rVB5	2685	3314	0.16%	0.012%
59	16.586	2274	2278	2281	rBV5	4288	6570	0.32%	0.025%
60	16.674	2290	2293	2297	rVB3	2771	3321	0.16%	0.013%
61	16.774	2306	2310	2315	rVB5	2623	4241	0.21%	0.016%
62	16.921	2332	2335	2339	rBV4	3043	3314	0.16%	0.012%
63	17.021	2351	2352	2357	rVB3	2302	2435	0.12%	0.009%
64	17.062	2357	2359	2363	rBV5	1953	3330	0.16%	0.013%
65	17.227	2384	2387	2390	rBV3	2181	2493	0.12%	0.009%
66	17.286	2390	2397	2401	rVV9	4008	7572	0.37%	0.029%
67	17.333	2402	2405	2410	rVB	3666	5705	0.28%	0.021%
68	17.551	2435	2442	2447	rBV	1094286	1545567	76.26%	5.819%
69	17.592	2447	2449	2453	rVV	14810	19102	0.94%	0.072%
70	17.645	2453	2458	2470	rVB	1231414	1764607	87.07%	6.644%
71	17.903	2500	2502	2507	rVB5	3343	3465	0.17%	0.013%

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72	18.009	2519	2520	2525	rVB4	2570	2651	0.13%	0.010%
73	18.139	2538	2542	2548	rVB5	6300	9845	0.49%	0.037%
74	18.280	2563	2566	2571	rBV7	3002	4247	0.21%	0.016%
75	18.403	2582	2587	2594	rBV	121893	175613	8.67%	0.661%
76	18.603	2617	2621	2624	rBV6	4003	6617	0.33%	0.025%
77	19.027	2691	2693	2695	rBV2	2796	2787	0.14%	0.010%
78	19.192	2718	2721	2726	rBV5	5729	9659	0.48%	0.036%
79	19.503	2770	2774	2778	rBV5	12187	23297	1.15%	0.088%
80	19.545	2778	2781	2783	rVV2	22478	31398	1.55%	0.118%
81	19.574	2783	2786	2791	rVB	32844	43574	2.15%	0.164%
82	19.656	2796	2800	2810	rBV4	42849	79141	3.91%	0.298%
83	19.797	2821	2824	2832	rVB3	12390	20257	1.00%	0.076%
84	19.903	2836	2842	2852	rVV	1445472	2026597	100.00%	7.631%
85	20.380	2920	2923	2926	rBV4	26113	37999	1.88%	0.143%
86	21.350	3083	3088	3098	rBV	554364	783745	38.67%	2.951%
87	21.662	3136	3141	3146	rBV	1259700	1557498	76.85%	5.864%
88	23.874	3511	3517	3525	rVB	973370	1851524	91.36%	6.971%
89	24.027	3537	3543	3551	rVB	774467	1556093	76.78%	5.859%

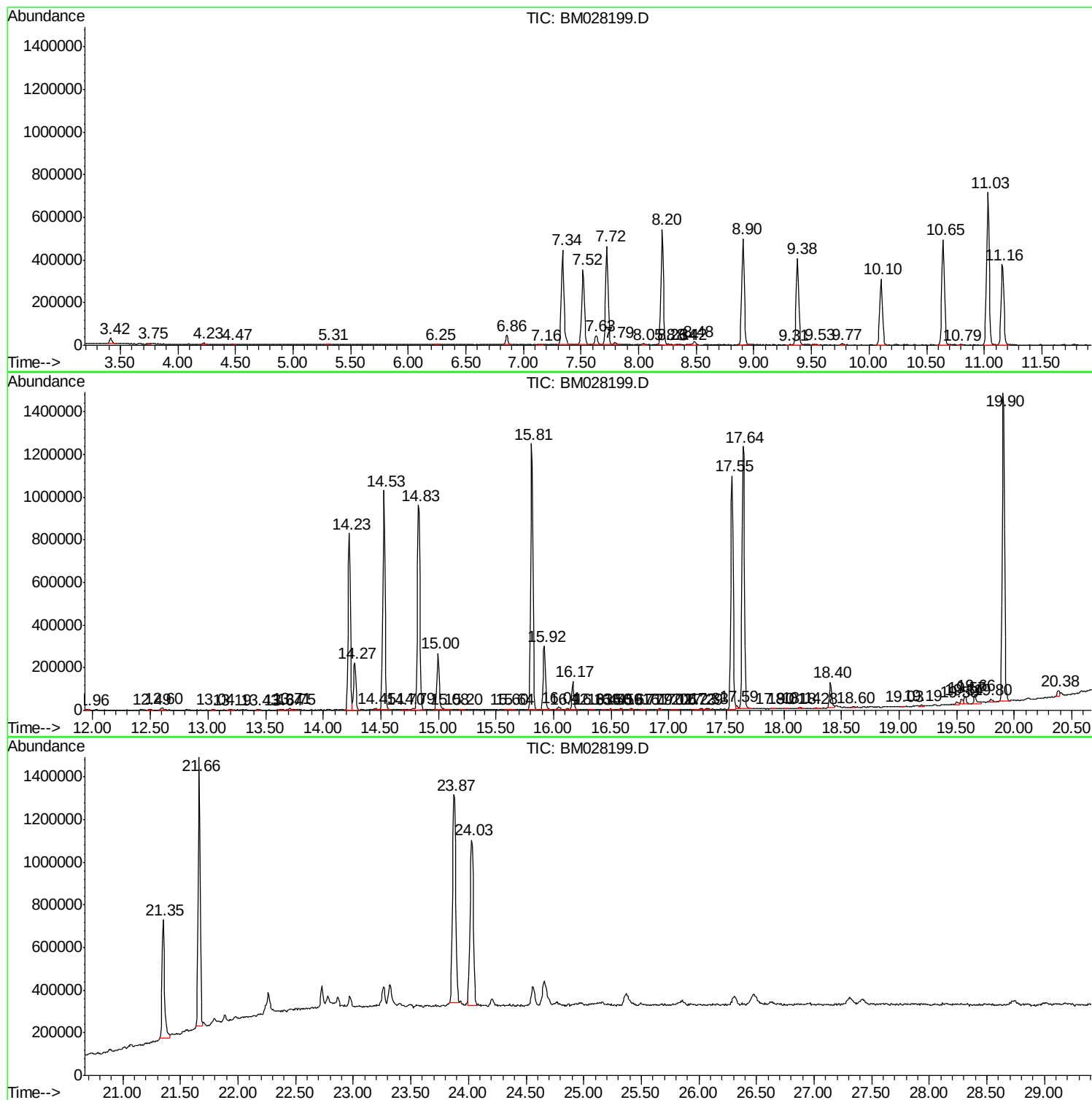
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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



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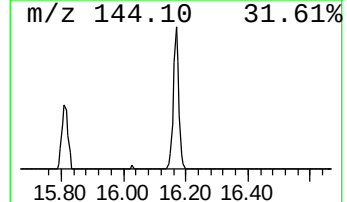
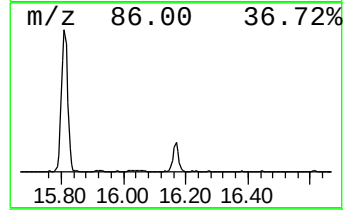
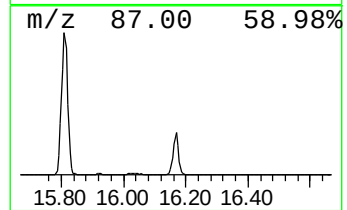
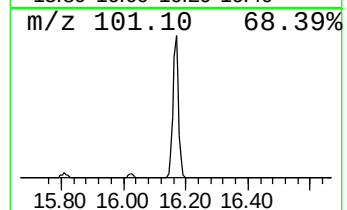
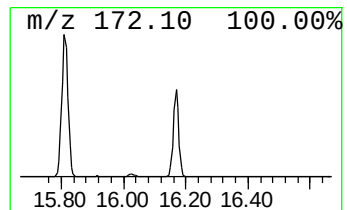
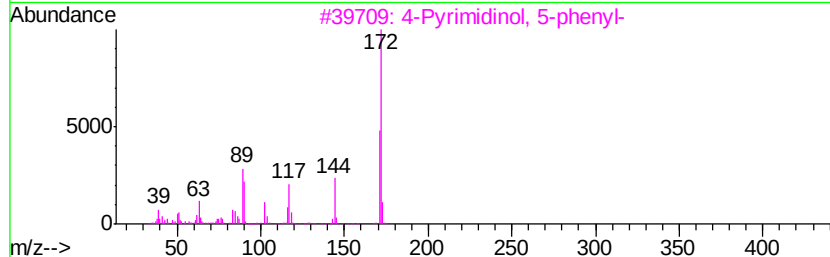
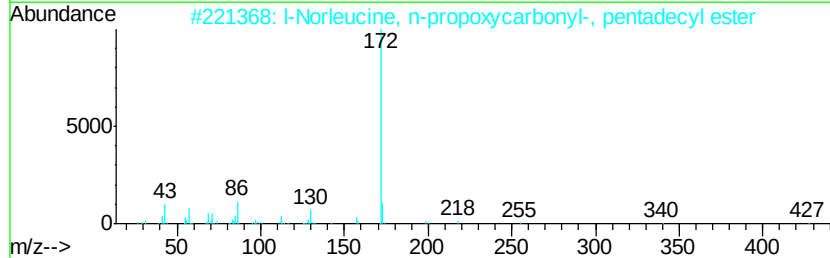
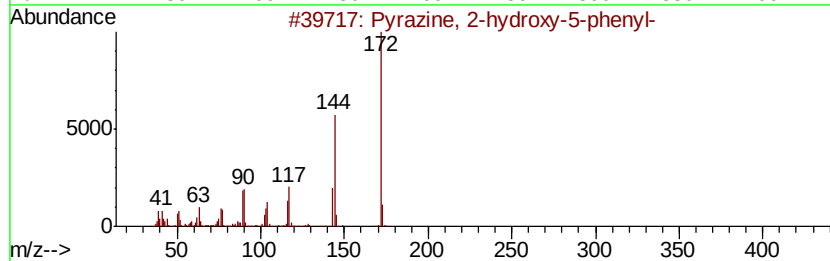
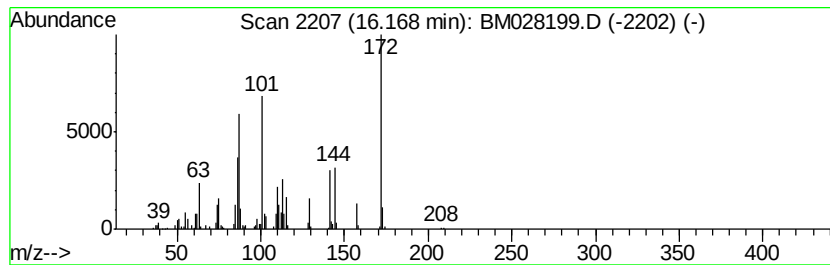
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.31 ng/ul	165863	Acenaphthene-d10	14.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrazine, 2-hydroxy-5-phenyl-	172 C10H8N2O	025844-72-8 30
2		l-Norleucine, n-propoxycarbonyl-...	427 C25H49NO4	1000329-54-7 27
3		4-Pyrimidinol, 5-phenyl-	172 C10H8N2O	022433-69-8 27
4		l-Isoleucine, N-propoxycarbonyl-...	441 C26H51NO4	1000313-57-7 22
5		2,5-Dimethyl-3-phenylfuran	172 C12H12O	019842-57-0 22



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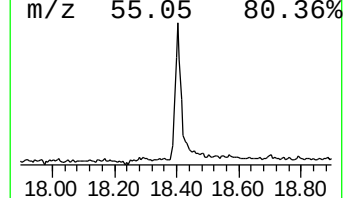
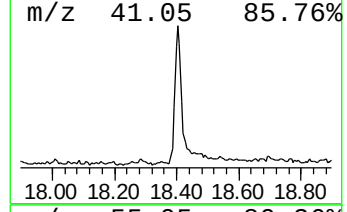
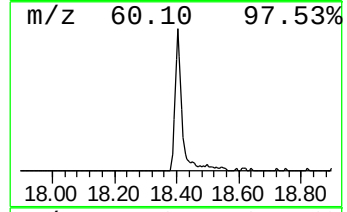
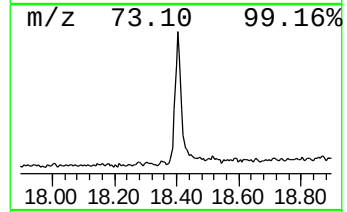
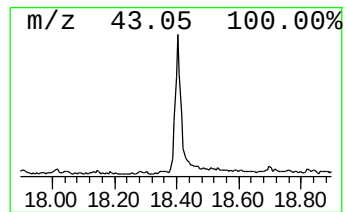
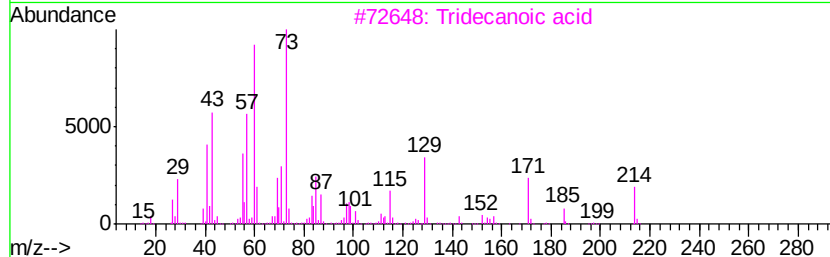
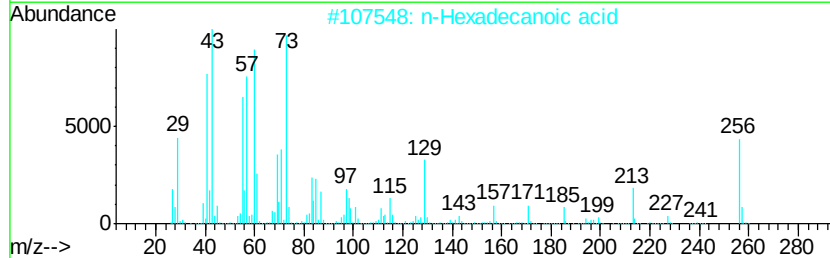
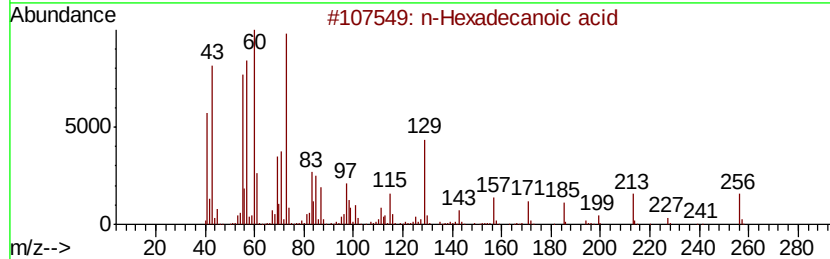
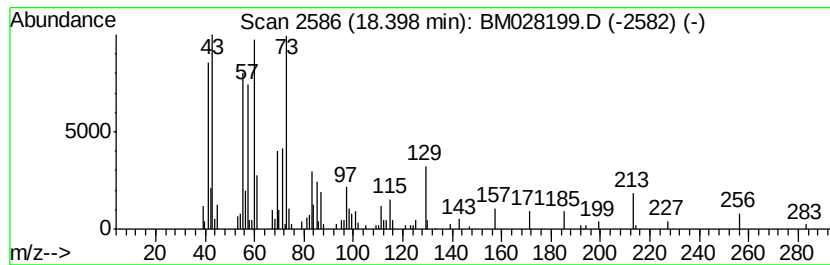
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.27 ng/ul	175613	Phenanthrene-d10	17.55

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	99
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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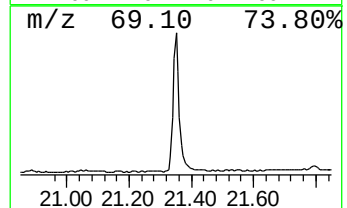
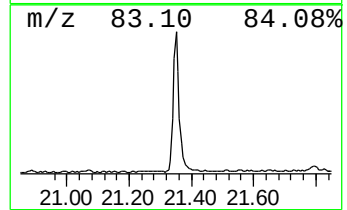
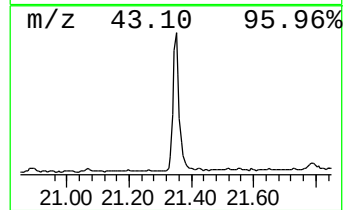
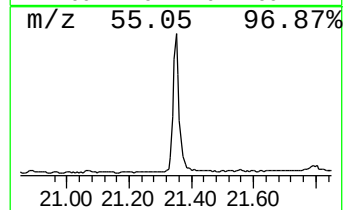
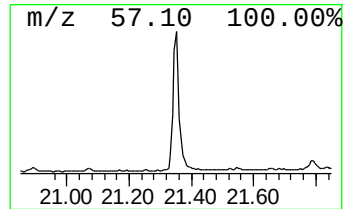
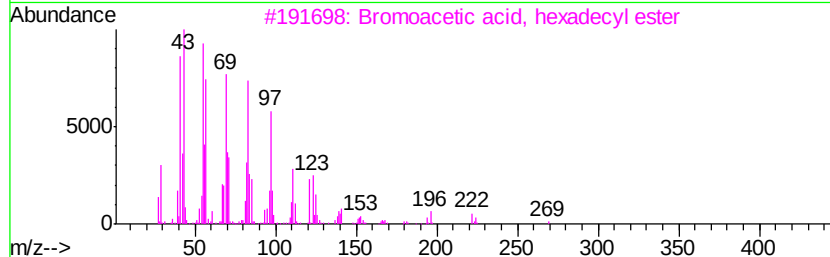
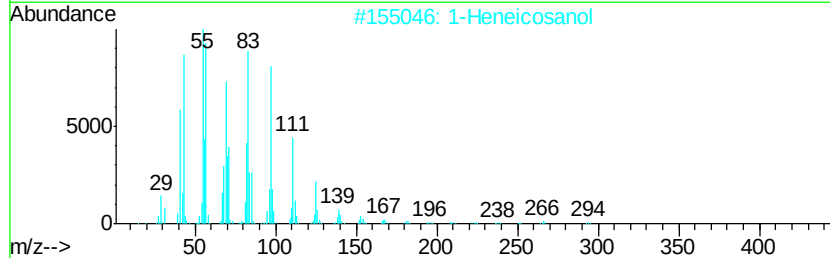
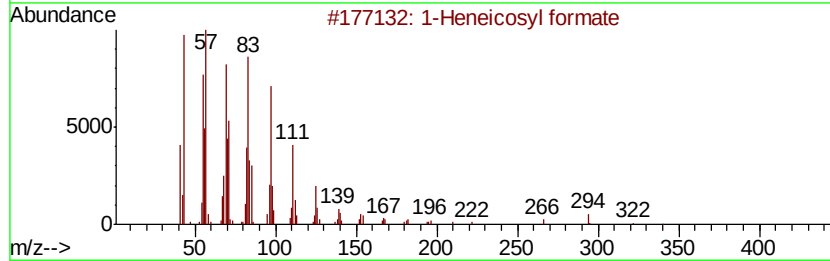
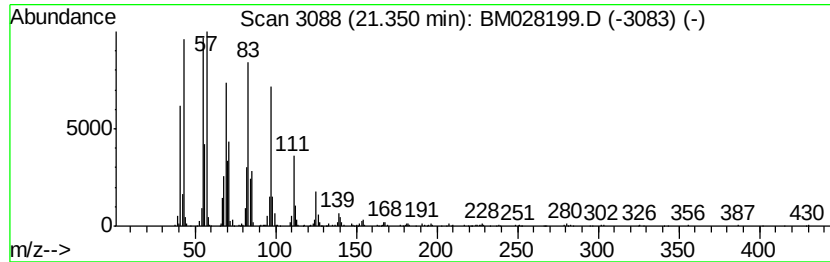
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.35	10.06 ng/ul	783745	Chrysene-d12		21.66	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	16.17	2.3	ng/ul	165863	3	14.83	1437120	20.0
n-Hexadecanoic acid	18.40	2.3	ng/ul	175613	4	17.55	1545570	20.0
1-Heneicosyl formate	21.35	10.1	ng/ul	783745	5	21.66	1557500	20.0