

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
 Data File : BM027536.D
 Acq On : 25 Sep 2020 19:28
 Operator : JU/CG
 Sample : L4135-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG489

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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-BM092420MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM027536.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.063	9	13	22	rVB	166618	235709	5.51%	0.647%
2	3.310	52	55	61	rBV	22022	28053	0.66%	0.077%
3	4.046	176	180	190	rVB	6425	10144	0.24%	0.028%
4	4.475	246	253	259	rBV	12435	20160	0.47%	0.055%
5	5.152	363	368	374	rVB	31401	46040	1.08%	0.126%
6	5.281	383	390	395	rVB	11362	16398	0.38%	0.045%
7	6.969	670	677	687	rVB	102974	171816	4.02%	0.471%
8	7.140	699	706	717	rBV	278259	434992	10.17%	1.194%
9	7.340	733	740	751	rVB	362430	552608	12.92%	1.516%
10	7.810	811	820	830	rBV	385056	626214	14.64%	1.718%
11	8.181	876	883	889	rVB3	6153	10247	0.24%	0.028%
12	8.504	931	938	945	rBV	310149	477799	11.17%	1.311%
13	8.787	981	986	993	rVB3	15670	24237	0.57%	0.067%
14	8.957	1008	1015	1025	rVB	402436	642148	15.01%	1.762%
15	9.675	1130	1137	1144	rBV	348738	547771	12.80%	1.503%
16	10.010	1190	1194	1202	rBV2	5877	10165	0.24%	0.028%
17	10.210	1221	1228	1238	rBV	691364	1091326	25.51%	2.995%
18	10.592	1286	1293	1302	rBV	528322	874586	20.44%	2.400%
19	10.722	1311	1315	1321	rBV	22351	35174	0.82%	0.097%
20	11.933	1515	1521	1526	rVB	12651	19040	0.45%	0.052%
21	12.180	1558	1563	1568	rVB	10147	15639	0.37%	0.043%
22	12.851	1673	1677	1683	rVB2	8723	12064	0.28%	0.033%
23	12.969	1692	1697	1701	rBV2	8534	12301	0.29%	0.034%
24	13.022	1701	1706	1714	rVV	150640	230595	5.39%	0.633%
25	13.851	1840	1847	1852	rBV	1465872	1999855	46.75%	5.488%
26	13.892	1852	1854	1859	rVB	73523	96635	2.26%	0.265%
27	13.986	1864	1870	1876	rVV3	19396	38087	0.89%	0.105%
28	14.133	1885	1895	1902	rBV	1446387	2187468	51.13%	6.003%
29	14.216	1902	1909	1918	rVB	28222	51933	1.21%	0.143%
30	14.439	1940	1947	1950	rVV	1023700	1476773	34.52%	4.053%
31	14.480	1950	1954	1963	rVB	861113	1164810	27.23%	3.196%
32	14.621	1971	1978	1985	rBV	123473	178989	4.18%	0.491%
33	14.698	1988	1991	1997	rVV2	10201	17219	0.40%	0.047%
34	14.769	1997	2003	2011	rVV3	21138	35149	0.82%	0.096%
35	14.869	2014	2020	2028	rVB2	16290	25372	0.59%	0.070%
36	15.186	2070	2074	2080	rBV	8546	12913	0.30%	0.035%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
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37	15.333	2093	2099	2102	rVV7	8023	12251	0.29%	0.034%
38	15.433	2109	2116	2122	rBV	2048344	2872520	67.15%	7.883%
39	15.486	2122	2125	2129	rVB	37150	45266	1.06%	0.124%
40	15.539	2129	2134	2143	rBV	513141	688366	16.09%	1.889%
41	15.668	2150	2156	2158	rBV3	36878	61455	1.44%	0.169%
42	15.698	2158	2161	2165	rVV	111590	142057	3.32%	0.390%
43	15.733	2165	2167	2172	rVV2	22155	27984	0.65%	0.077%
44	15.939	2194	2202	2207	rVB5	17234	36534	0.85%	0.100%
45	15.998	2207	2212	2218	rVB7	5132	10879	0.25%	0.030%
46	16.063	2218	2223	2225	rBV5	7542	13152	0.31%	0.036%
47	16.104	2225	2230	2236	rVB2	33642	74504	1.74%	0.204%
48	16.215	2246	2249	2255	rVB3	10904	16377	0.38%	0.045%
49	16.274	2255	2259	2263	rBV	12410	18212	0.43%	0.050%
50	16.333	2263	2269	2272	rVV4	17034	31519	0.74%	0.086%
51	16.374	2272	2276	2284	rVV	60256	104508	2.44%	0.287%
52	16.445	2284	2288	2293	rVV5	15260	29288	0.68%	0.080%
53	16.492	2293	2296	2298	rVV3	8881	11403	0.27%	0.031%
54	16.539	2298	2304	2309	rVV9	12038	26555	0.62%	0.073%
55	16.592	2309	2313	2318	rVV4	12645	22283	0.52%	0.061%
56	16.657	2320	2324	2328	rVV	10058	15575	0.36%	0.043%
57	16.721	2332	2335	2340	rVV5	9769	18529	0.43%	0.051%
58	16.792	2342	2347	2353	rVB	34122	47337	1.11%	0.130%
59	16.963	2369	2376	2379	rBV5	6496	12320	0.29%	0.034%
60	17.115	2397	2402	2406	rBV5	8295	14666	0.34%	0.040%
61	17.180	2406	2413	2419	rVV	1350745	1880560	43.96%	5.161%
62	17.280	2423	2430	2441	rBV	2500696	3520686	82.30%	9.661%
63	17.427	2451	2455	2456	rBV3	8790	9028	0.21%	0.025%
64	17.451	2456	2459	2465	rVB5	13017	20194	0.47%	0.055%
65	17.551	2470	2476	2483	rBV8	14954	30996	0.72%	0.085%
66	17.657	2491	2494	2500	rVB	17277	20974	0.49%	0.058%
67	17.733	2500	2507	2513	rBV9	9255	22286	0.52%	0.061%
68	17.845	2521	2526	2533	rBV	81384	118924	2.78%	0.326%
69	17.904	2533	2536	2538	rBV4	8597	10010	0.23%	0.027%
70	18.021	2552	2556	2560	rVB5	10029	13839	0.32%	0.038%
71	18.086	2562	2567	2576	rBV	145178	214143	5.01%	0.588%
72	18.215	2583	2589	2592	rBV	55967	85842	2.01%	0.236%
73	18.239	2592	2593	2601	rVV5	25128	33505	0.78%	0.092%
74	18.315	2602	2606	2609	rVV	49548	69345	1.62%	0.190%
75	18.362	2609	2614	2623	rVV	77023	141343	3.30%	0.388%
76	18.557	2643	2647	2655	rVB10	5103	12291	0.29%	0.034%

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77	18.633	2656	2660	2669	rVB	45865	66020	1.54%	0.181%
78	18.904	2703	2706	2710	rVB2	22171	28573	0.67%	0.078%
79	19.039	2726	2729	2735	rVB4	8579	11898	0.28%	0.033%
80	19.145	2741	2747	2751	rBV	71776	97868	2.29%	0.269%
81	19.204	2753	2757	2760	rVV	30134	40361	0.94%	0.111%
82	19.304	2768	2774	2780	rBV2	42609	63289	1.48%	0.174%
83	19.362	2780	2784	2793	rVV4	50854	82173	1.92%	0.225%
84	19.456	2795	2800	2803	rVV	39546	59190	1.38%	0.162%
85	19.492	2803	2806	2809	rVV5	18136	23745	0.56%	0.065%
86	19.568	2813	2819	2825	rVV	3147617	4278057	100.00%	11.740%
87	19.615	2825	2827	2838	rVB	36059	51502	1.20%	0.141%
88	19.856	2866	2868	2873	rVB5	8377	10112	0.24%	0.028%
89	19.974	2883	2888	2891	rBV3	22503	31696	0.74%	0.087%
90	20.015	2891	2895	2901	rVB4	18478	29957	0.70%	0.082%
91	20.174	2918	2922	2926	rBV2	37971	47985	1.12%	0.132%
92	20.298	2940	2943	2947	rVB5	18102	21122	0.49%	0.058%
93	20.539	2981	2984	2987	rBV5	11364	13564	0.32%	0.037%
94	20.609	2992	2996	3003	rBV7	31578	49162	1.15%	0.135%
95	20.745	3016	3019	3024	rVB6	18875	26678	0.62%	0.073%
96	21.086	3072	3077	3086	rBV	221227	323553	7.56%	0.888%
97	21.356	3118	3123	3130	rBV	1693328	2040528	47.70%	5.600%
98	21.527	3150	3152	3157	rVB5	28573	33573	0.78%	0.092%
99	23.486	3477	3485	3493	rBV	1742993	3282602	76.73%	9.008%
100	23.627	3502	3509	3521	rVB	906128	1739889	40.67%	4.775%

Sum of corrected areas: 36441032

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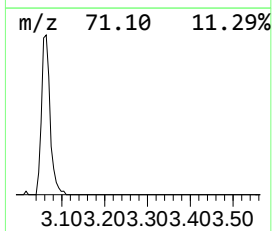
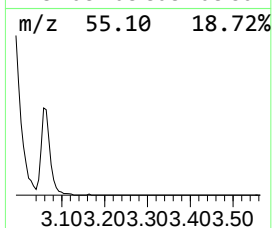
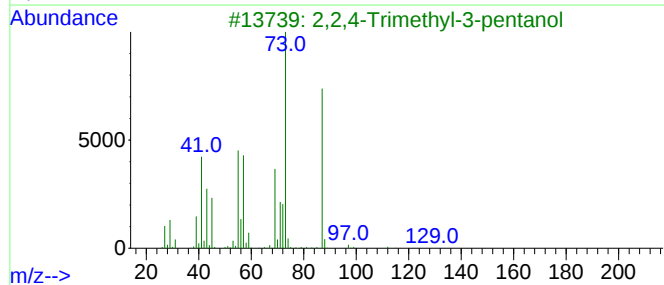
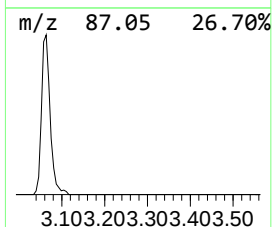
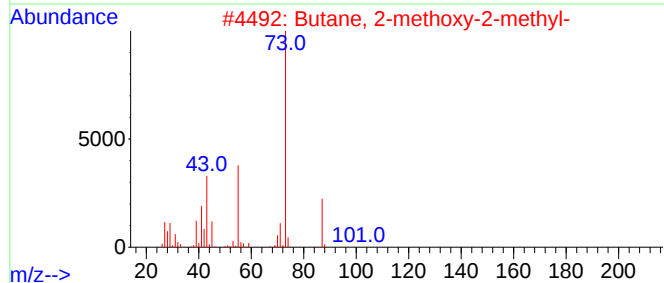
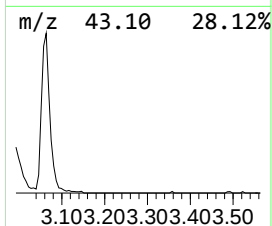
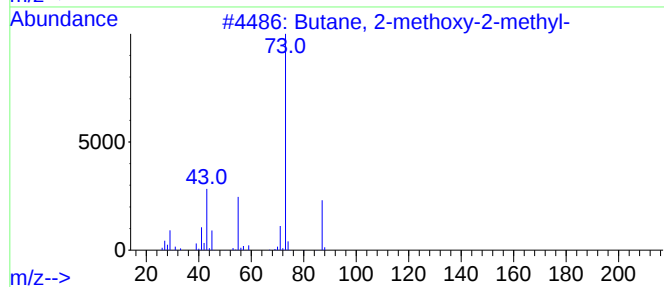
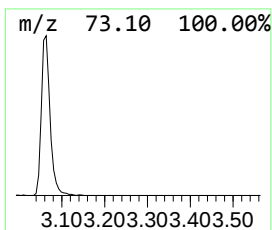
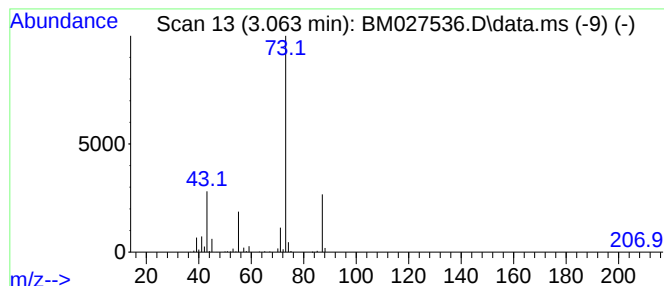
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.063	7.53 ng/ul	235709	1,4-Dichlorobenzene-d4	7.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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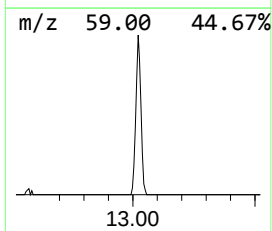
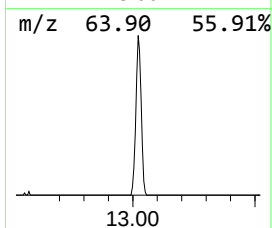
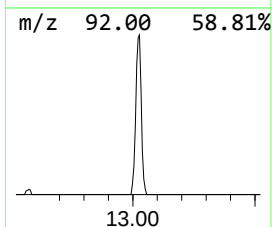
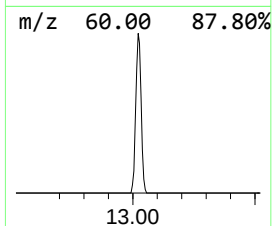
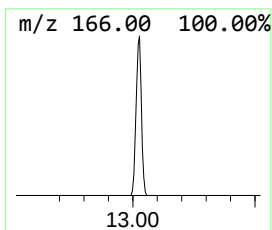
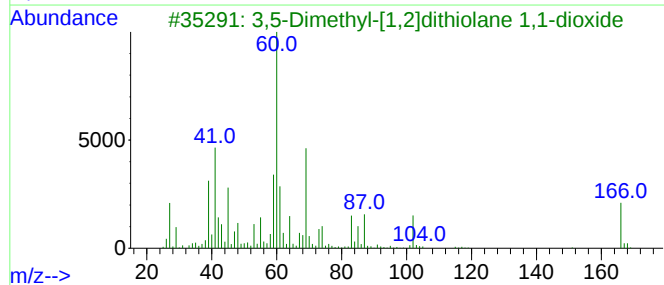
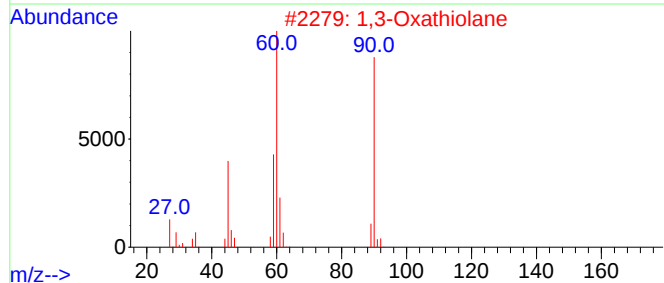
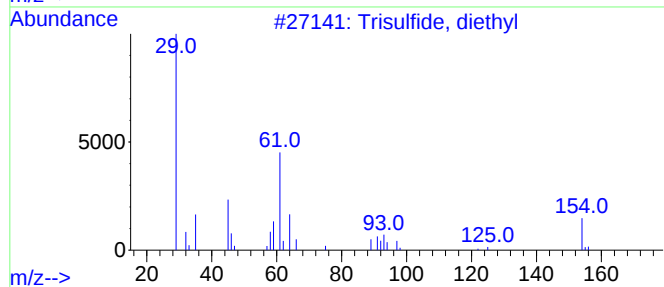
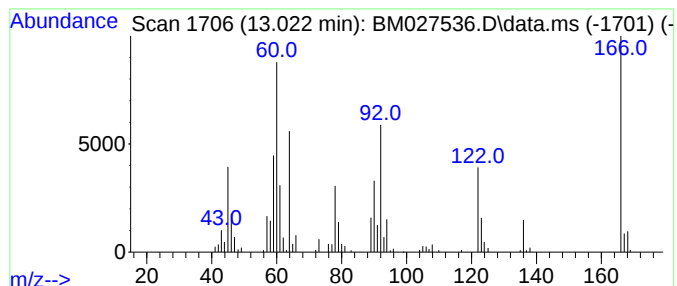
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.022	3.12 ng/ul	230595	Acenaphthene-d10	14.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trisulfide, diethyl	154	C4H10S3	003600-24-6	38
2			1,3-Oxathiolane	90	C3H6OS	002094-97-5	27
3			3,5-Dimethyl-[1,2]dithiolane 1,1...	166	C5H10O2S2	1000185-07-5	16
4			Thiazole, 2-ethyl-4,5-dihydro-	115	C5H9NS	016982-46-0	14
5			2-Methyl-1,3-oxathiolane	104	C4H8OS	017642-74-9	14



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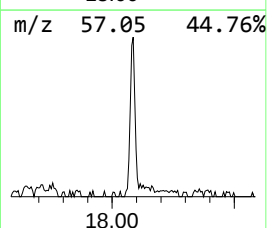
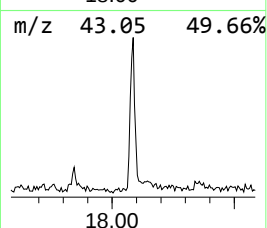
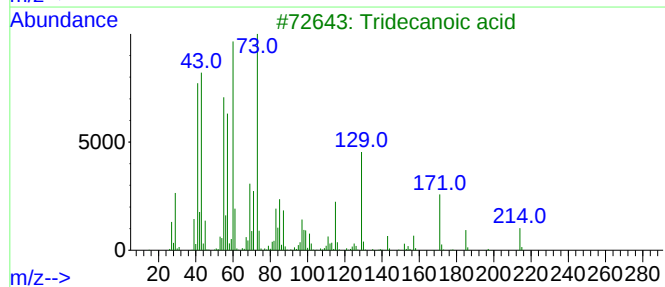
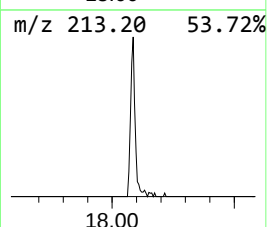
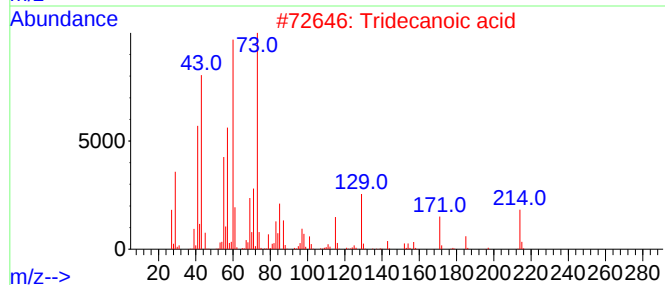
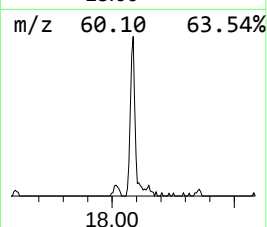
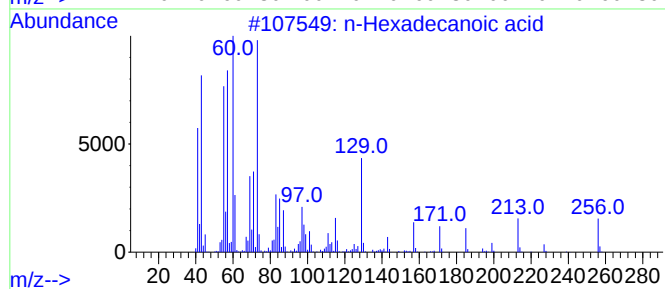
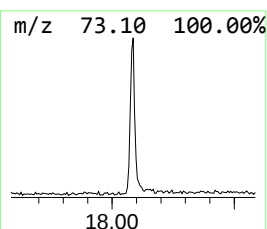
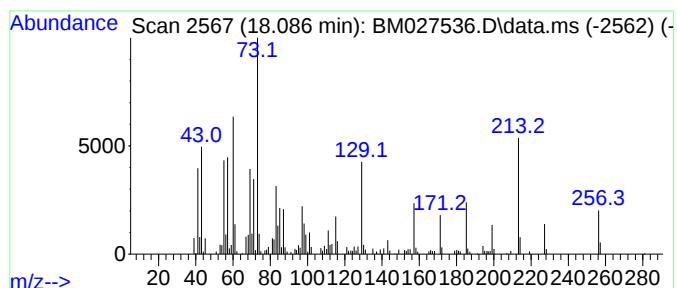
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	2.28 ng/ul	214143	Phenanthrene-d10	17.180

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



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ClientSampleId :
BG489

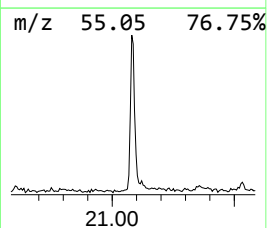
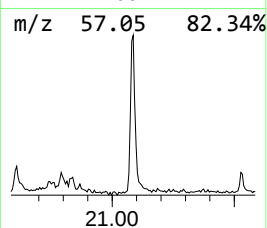
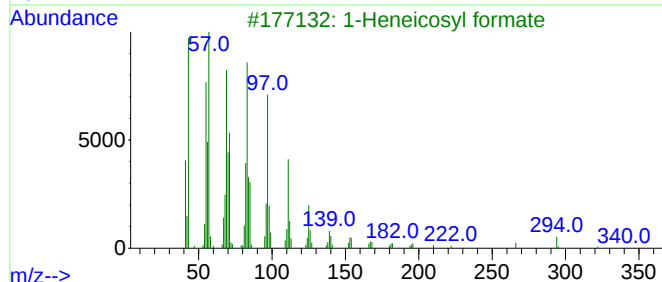
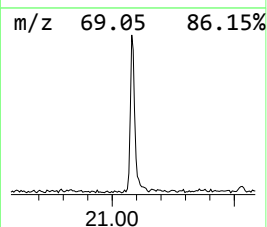
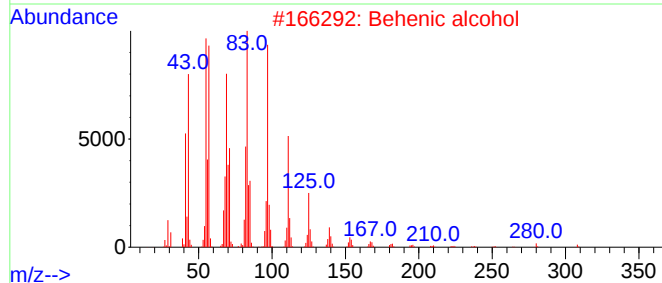
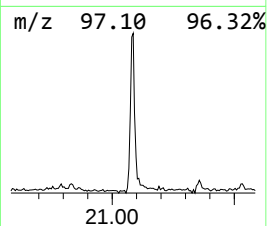
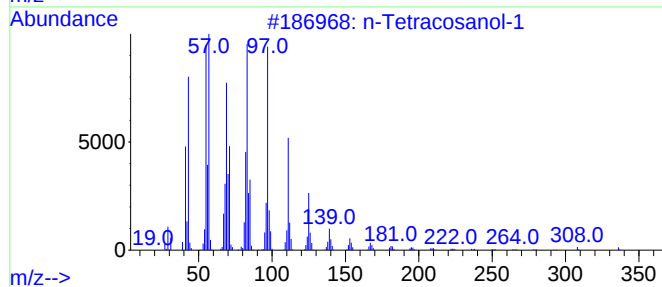
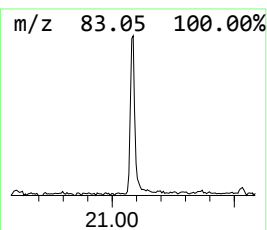
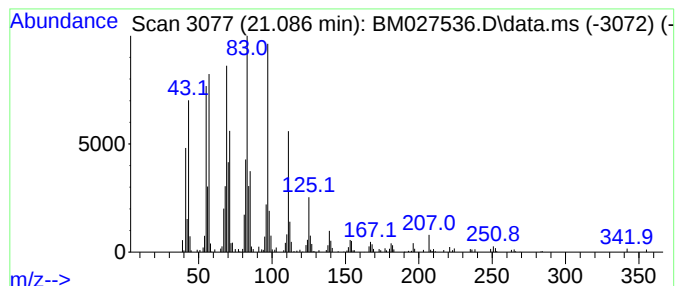
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	3.17 ng/ul	323553	Chrysene-d12	21.356

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2			Behenic alcohol	326	C22H46O	000661-19-8	95
3			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4			1-Heptacosanol	396	C27H56O	002004-39-9	93
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027536.D
Acq On : 25 Sep 2020 19:28
Operator : JU/CG
Sample : L4135-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG489

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.063	7.5	ng/ul	235709	1	7.804	626214	20.0
unknown-01	13.022	3.1	ng/ul	230595	3	14.439	1476770	20.0
n-Hexadecanoic ...	18.086	2.3	ng/ul	214143	4	17.180	1880560	20.0
n-Tetracosanol-1	21.086	3.2	ng/ul	323553	5	21.356	2040530	20.0