

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP015168.D
 Acq On : 19 May 2023 12:33
 Operator : CG/JU
 Sample : 02664-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREA0

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_P\Methods\SFAM-EPA-BP051123.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP015168.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.428	38	41	52	rVB	28397	49035	1.07%	0.092%
2	3.887	116	119	131	rBV	76288	136739	2.99%	0.257%
3	3.981	131	135	144	rVB	47978	81573	1.78%	0.153%
4	4.110	152	157	167	rVB	33549	56014	1.22%	0.105%
5	4.205	171	173	181	rVB2	15100	22754	0.50%	0.043%
6	4.599	236	240	245	rBV6	12726	22884	0.50%	0.043%
7	4.669	248	252	258	rVB	48189	73152	1.60%	0.137%
8	4.787	270	272	281	rVB9	6778	11213	0.24%	0.021%
9	5.075	319	321	325	rVB4	5442	6001	0.13%	0.011%
10	5.163	331	336	342	rVB	22094	33242	0.73%	0.062%
11	5.281	350	356	360	rBV8	8560	21202	0.46%	0.040%
12	5.657	415	420	426	rBV	12193	18420	0.40%	0.035%
13	5.781	436	441	446	rVB	22302	36678	0.80%	0.069%
14	6.075	487	491	496	rBV7	8108	15189	0.33%	0.029%
15	6.616	579	583	590	rBV8	6231	9669	0.21%	0.018%
16	6.787	606	612	616	rBV3	13199	20829	0.45%	0.039%
17	6.975	639	644	647	rBV7	5540	10035	0.22%	0.019%
18	7.234	681	688	689	rBV	35691	50705	1.11%	0.095%
19	7.275	689	695	714	rVB	481377	880967	19.24%	1.654%
20	7.446	714	724	732	rBV	415031	676862	14.78%	1.271%
21	7.651	751	759	769	rBV	494105	791363	17.28%	1.485%
22	7.734	769	773	776	rVV6	6949	8548	0.19%	0.016%
23	7.846	789	792	801	rVB4	6494	12091	0.26%	0.023%
24	7.946	803	809	812	rBV3	5292	10731	0.23%	0.020%
25	8.016	817	821	826	rBV7	6287	12030	0.26%	0.023%
26	8.128	831	840	854	rBV	1076911	1749945	38.21%	3.285%
27	8.834	953	960	975	rBV	573352	964170	21.05%	1.810%
28	8.963	975	982	993	rVB	211279	356556	7.79%	0.669%
29	9.304	1033	1040	1052	rBV	476636	792202	17.30%	1.487%
30	9.404	1055	1057	1062	rVV5	6899	9755	0.21%	0.018%
31	9.457	1065	1066	1072	rVB6	5745	7362	0.16%	0.014%
32	9.698	1100	1107	1114	rVB	121181	179557	3.92%	0.337%
33	10.034	1156	1164	1176	rBV	367701	636351	13.90%	1.194%
34	10.169	1182	1187	1198	rBV2	30019	70587	1.54%	0.132%
35	10.251	1198	1201	1207	rVB9	5093	9788	0.21%	0.018%
36	10.393	1219	1225	1233	rBV2	21973	39992	0.87%	0.075%

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37	10.569	1247	1255	1267	rBV	632869	1108910	24.22%	2.081%
38	10.957	1312	1321	1329	rBV	1618896	2692776	58.80%	5.054%
39	11.098	1338	1345	1362	rBV	359818	718773	15.70%	1.349%
40	11.498	1406	1413	1424	rBV	14255	37513	0.82%	0.070%

41	11.751	1449	1456	1466	rBV	11425	37295	0.81%	0.070%
42	12.198	1526	1532	1537	rBV	77766	115526	2.52%	0.217%
43	12.316	1548	1552	1554	rBV4	5820	7513	0.16%	0.014%
44	12.445	1570	1574	1581	rBV8	8875	22084	0.48%	0.041%
45	12.539	1585	1590	1598	rVB2	12801	24655	0.54%	0.046%

46	12.739	1620	1624	1628	rBV7	4277	8196	0.18%	0.015%
47	13.134	1686	1691	1693	rBV6	3031	5432	0.12%	0.010%
48	13.581	1764	1767	1772	rVB5	5795	6868	0.15%	0.013%
49	13.657	1775	1780	1783	rBV7	3951	7397	0.16%	0.014%
50	13.722	1788	1791	1796	rBV7	6633	10874	0.24%	0.020%

51	14.086	1850	1853	1855	rBV4	4679	5950	0.13%	0.011%
52	14.169	1860	1867	1880	rVV	1341097	1895487	41.39%	3.558%
53	14.286	1883	1887	1890	rBV6	4098	6247	0.14%	0.012%
54	14.416	1904	1909	1910	rBV5	5171	6528	0.14%	0.012%
55	14.463	1910	1917	1928	rVV	1447062	2154149	47.04%	4.043%

56	14.616	1938	1943	1946	rBV6	7867	11974	0.26%	0.022%
57	14.645	1946	1948	1952	rVB5	5923	6288	0.14%	0.012%
58	14.769	1959	1969	1977	rBV	2545421	3682061	80.41%	6.911%
59	14.828	1977	1979	1984	rVB6	6439	9663	0.21%	0.018%
60	14.957	1995	2001	2017	rBV	342483	659413	14.40%	1.238%

61	15.116	2025	2028	2032	rBV5	11997	18500	0.40%	0.035%
62	15.175	2033	2038	2044	rVB8	18480	37787	0.83%	0.071%
63	15.316	2058	2062	2066	rVB7	7898	11268	0.25%	0.021%
64	15.392	2072	2075	2079	rVB5	12320	15742	0.34%	0.030%
65	15.551	2097	2102	2104	rBV6	3304	5959	0.13%	0.011%

66	15.592	2107	2109	2114	rVB6	4826	6406	0.14%	0.012%
67	15.716	2125	2130	2132	rBV	59386	73156	1.60%	0.137%
68	15.757	2132	2137	2145	rVB	1902042	2789647	60.92%	5.236%
69	15.875	2152	2157	2170	rBV	441781	614323	13.42%	1.153%
70	15.998	2176	2178	2184	rVB7	10317	13183	0.29%	0.025%

71	16.122	2194	2199	2207	rBV	225963	316087	6.90%	0.593%
72	16.463	2253	2257	2259	rBV2	11434	15637	0.34%	0.029%
73	16.880	2325	2328	2331	rBV5	12414	18723	0.41%	0.035%
74	16.969	2339	2343	2351	rBV3	56929	80236	1.75%	0.151%
75	17.098	2363	2365	2370	rVB5	6988	6901	0.15%	0.013%

76	17.169	2371	2377	2388	rBV	250260	384281	8.39%	0.721%
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 Title : SVOA CALIBRATION

77	17.304	2398	2400	2404	rVB5	8230	9533	0.21%	0.018%
78	17.522	2431	2437	2448	rBV	3080682	4529893	98.92%	8.503%
79	17.622	2448	2454	2465	rVV	2228336	3198898	69.85%	6.005%
80	17.922	2503	2505	2512	rVB3	20959	32993	0.72%	0.062%
81	18.039	2521	2525	2529	rVB2	46836	62152	1.36%	0.117%
82	18.122	2535	2539	2544	rBV	171696	214936	4.69%	0.403%
83	18.269	2561	2564	2569	rVB7	22112	29643	0.65%	0.056%
84	18.380	2578	2583	2589	rBV	343164	512571	11.19%	0.962%
85	18.904	2669	2672	2675	rBV4	23923	36578	0.80%	0.069%
86	18.945	2675	2679	2684	rVB	82515	101884	2.22%	0.191%
87	19.157	2712	2715	2717	rBV	31623	37845	0.83%	0.071%
88	19.263	2730	2733	2735	rBV4	28647	37024	0.81%	0.069%
89	19.404	2753	2757	2764	rVB5	62112	141755	3.10%	0.266%
90	19.486	2769	2771	2773	rVV	75259	90395	1.97%	0.170%
91	19.516	2773	2776	2783	rVB	254214	320681	7.00%	0.602%
92	19.604	2787	2791	2798	rBV2	199701	287542	6.28%	0.540%
93	19.704	2806	2808	2811	rBV2	50510	51862	1.13%	0.097%
94	19.839	2825	2831	2844	rBV2	3043911	4579348	100.00%	8.596%
95	20.680	2971	2974	2982	rBV2	239363	294433	6.43%	0.553%
96	20.815	2995	2997	3001	rVB	91769	85352	1.86%	0.160%
97	21.274	3072	3075	3080	rBV3	355836	604018	13.19%	1.134%
98	21.598	3124	3130	3135	rBV	3216016	4281489	93.50%	8.037%
99	23.992	3531	3537	3554	rVB2	1682163	3965433	86.59%	7.443%
100	24.162	3559	3566	3575	rVB	1981291	4234993	92.48%	7.949%

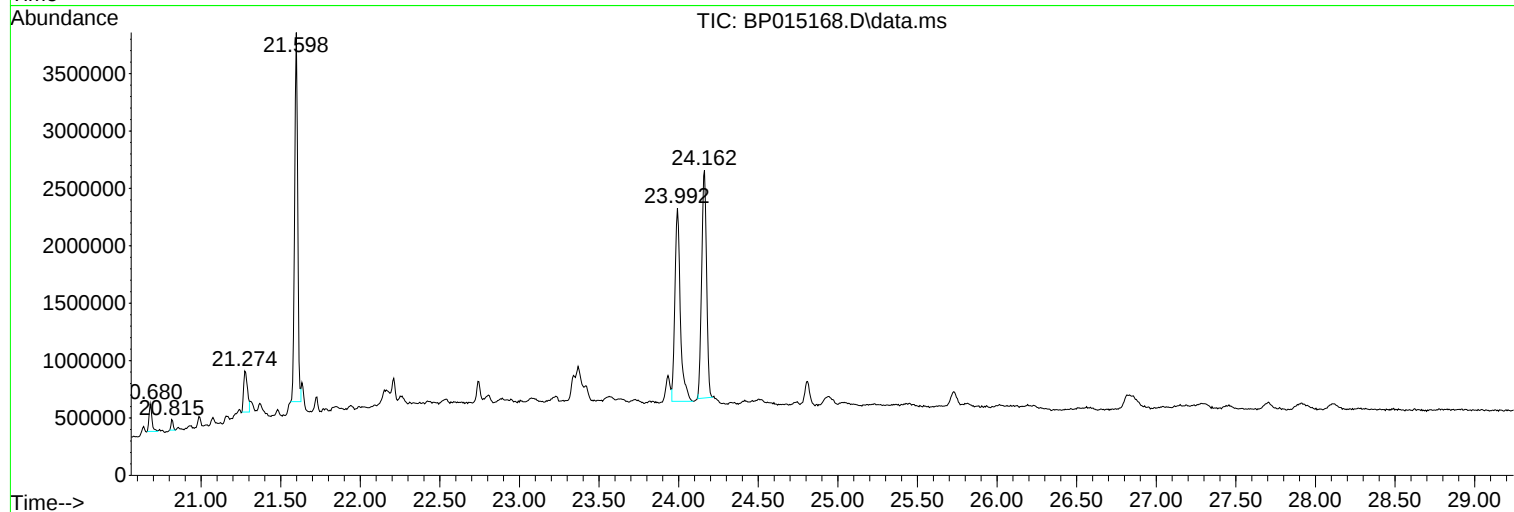
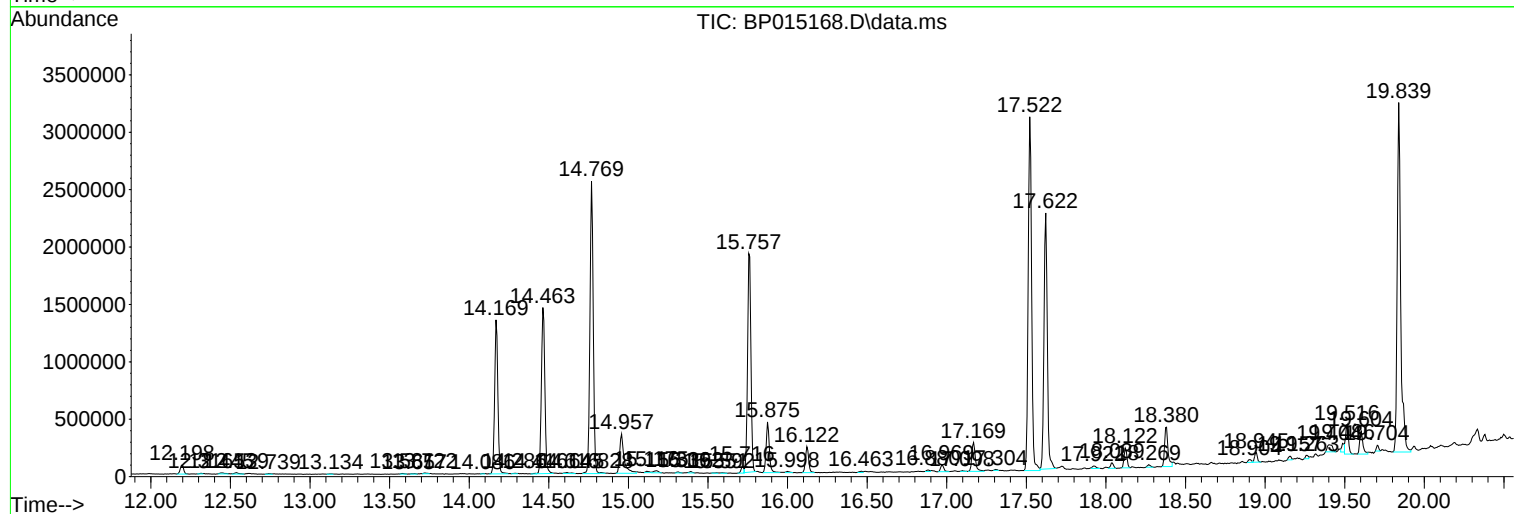
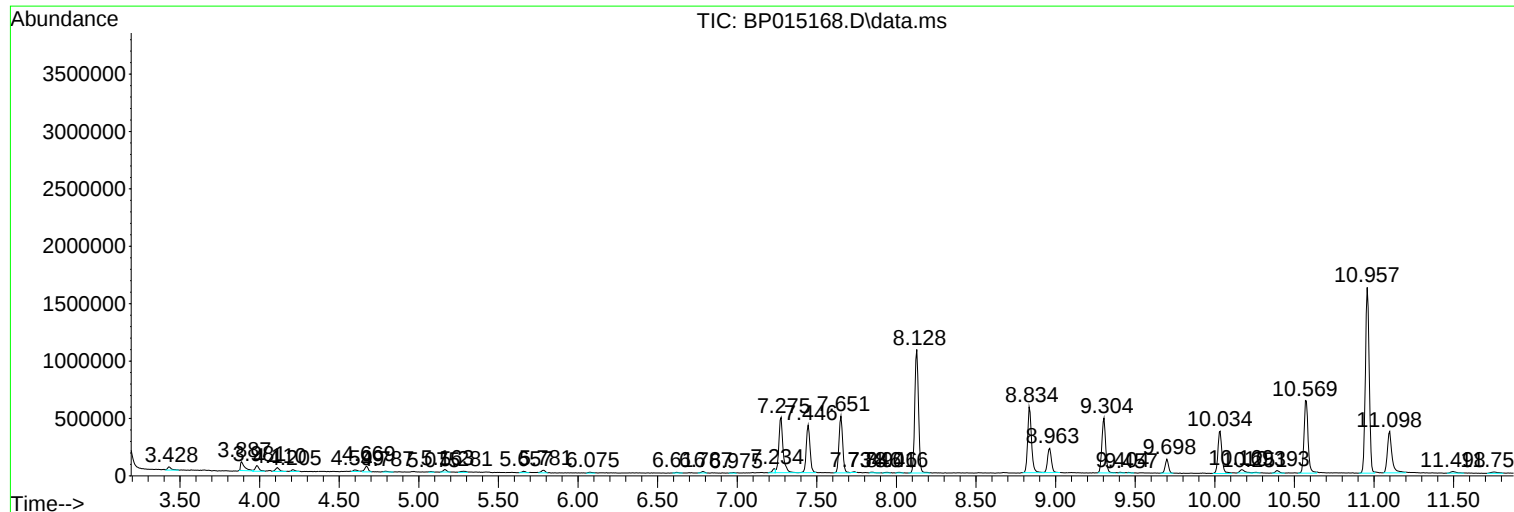
Sum of corrected areas: 53274850

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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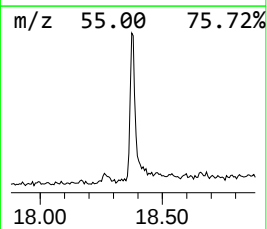
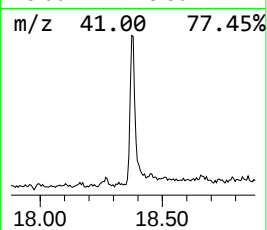
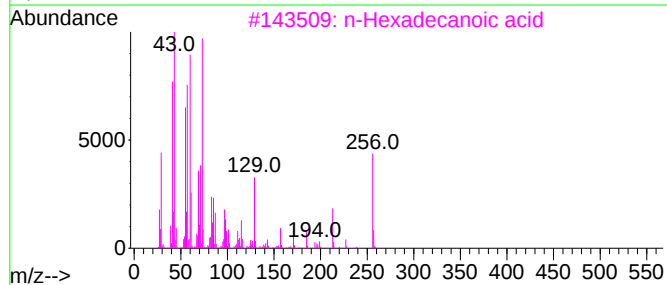
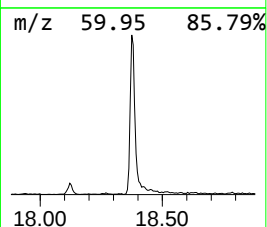
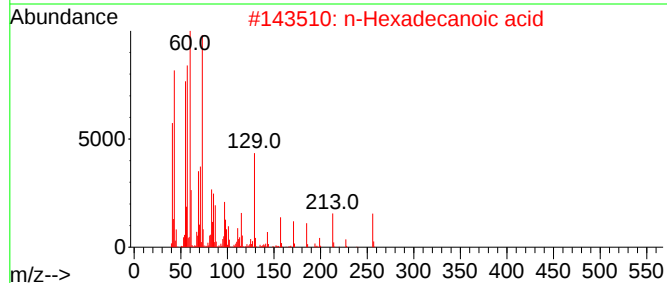
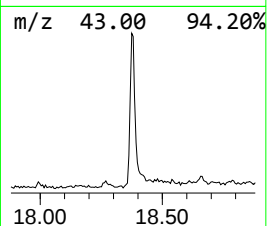
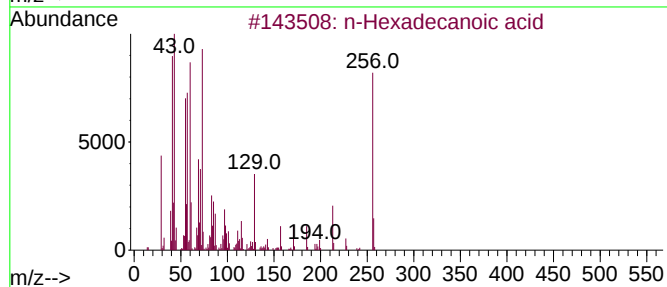
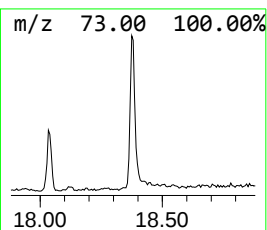
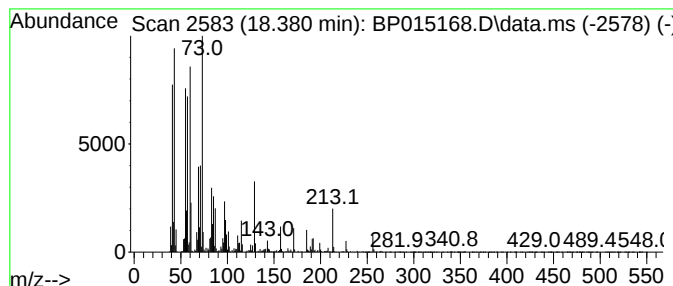
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	2.26 ng/ul	512571	Phenanthrene-d10	17.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			Tridecanoic acid	214	C13H26O2	000638-53-9	93
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92



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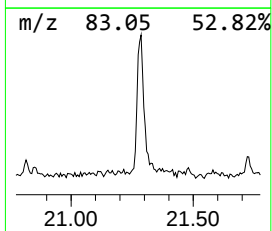
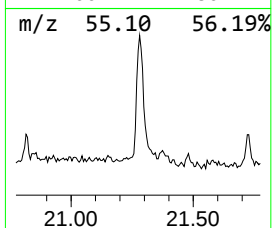
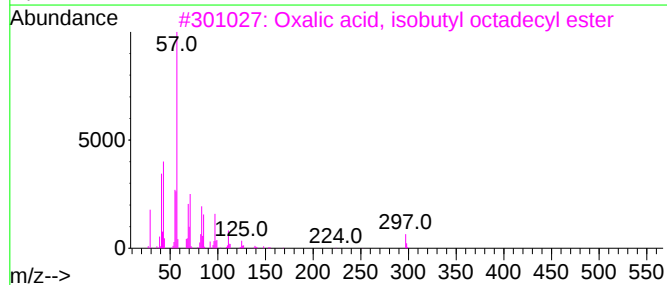
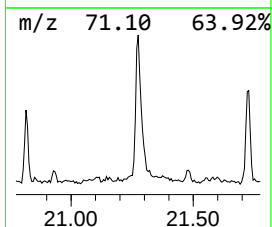
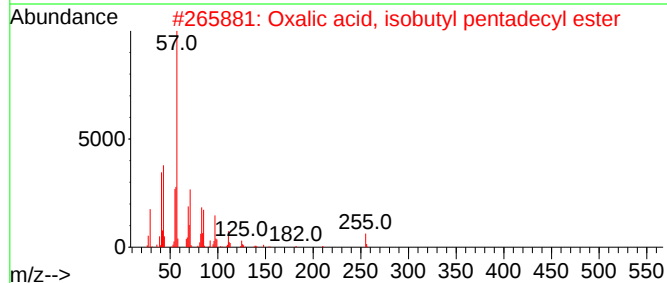
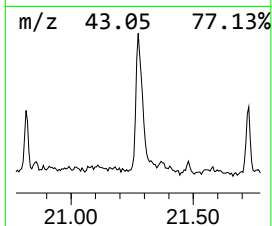
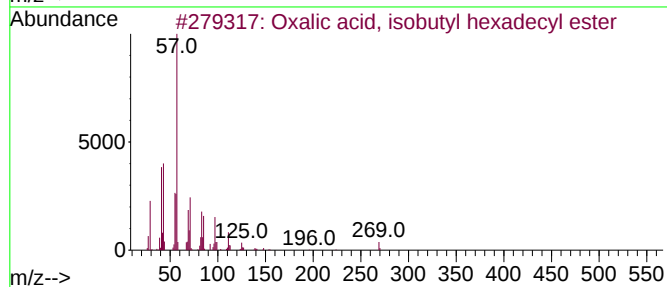
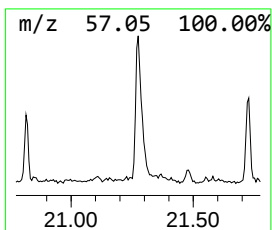
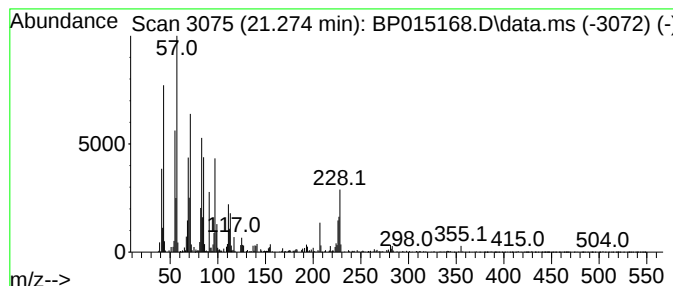
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Oxalic acid, isobutyl hexadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.274	2.82 ng/ul	604018	Chrysene-d12	21.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	74
2			Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	74
3			Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	74
4			1-Hexacosanol	382	C26H54O	000506-52-5	70
5			Cyclohexadecane	224	C16H32	000295-65-8	59



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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.380	2.3	ng/ul	512571	4	17.522	4529890	20.0
Oxalic acid, is...	21.274	2.8	ng/ul	604018	5	21.598	4281490	20.0