

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
 Data File : BG059212.D
 Acq On : 27 Sep 2023 1:52
 Operator : MA/JU
 Sample : 04450-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJ46

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_G\Methods\SFAM-EPA-BG091923.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG059212.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.046	107	112	121	rBV	63416	107736	6.06%	0.736%
2	6.784	573	578	580	rBV3	2825	5079	0.29%	0.035%
3	6.848	588	589	594	rVB4	3549	3163	0.18%	0.022%
4	6.983	610	612	618	rVB4	3728	6266	0.35%	0.043%
5	7.213	646	651	654	rVB5	3713	6743	0.38%	0.046%
6	7.418	678	686	694	rBV2	49134	92118	5.19%	0.629%
7	7.612	714	719	728	rVB	167529	279165	15.71%	1.907%
8	7.677	728	730	732	rBV2	3127	2902	0.16%	0.020%
9	7.812	745	753	766	rBV	145856	275613	15.51%	1.883%
10	8.047	790	793	795	rBV3	2106	2921	0.16%	0.020%
11	8.182	815	816	821	rBV3	2376	3248	0.18%	0.022%
12	8.294	829	835	843	rVB	117026	204327	11.50%	1.396%
13	8.464	862	864	869	rBV4	2963	4711	0.27%	0.032%
14	8.511	869	872	877	rVB4	3298	4679	0.26%	0.032%
15	8.987	946	953	960	rBV2	121583	215822	12.15%	1.474%
16	9.063	964	966	968	rBV3	3065	2698	0.15%	0.018%
17	9.140	976	979	981	rBV	3620	3606	0.20%	0.025%
18	9.351	1014	1015	1021	rVB3	3180	3654	0.21%	0.025%
19	9.492	1032	1039	1048	rBV2	203306	350104	19.71%	2.392%
20	10.009	1125	1127	1129	rBV2	2823	2796	0.16%	0.019%
21	10.086	1137	1140	1144	rBV3	2429	3328	0.19%	0.023%
22	10.215	1154	1162	1170	rBV	153854	283181	15.94%	1.935%
23	10.509	1209	1212	1217	rVB4	3549	5206	0.29%	0.036%
24	10.738	1245	1251	1261	rBV	237974	430853	24.25%	2.943%
25	10.985	1290	1293	1295	rBV2	2992	3028	0.17%	0.021%
26	11.073	1307	1308	1311	rBV2	3083	3544	0.20%	0.024%
27	11.137	1311	1319	1328	rVV	186257	351077	19.76%	2.398%
28	11.284	1334	1344	1352	rBV	175728	330722	18.62%	2.259%
29	11.490	1376	1379	1381	rVB2	2546	2949	0.17%	0.020%
30	11.842	1438	1439	1444	rVB4	4108	3562	0.20%	0.024%
31	11.936	1451	1455	1461	rVB3	8546	13446	0.76%	0.092%
32	12.189	1495	1498	1504	rVB8	4062	6796	0.38%	0.046%
33	12.271	1510	1512	1516	rBV2	2133	3408	0.19%	0.023%
34	12.689	1581	1583	1584	rBV2	4084	3722	0.21%	0.025%
35	13.153	1659	1662	1663	rBV3	2886	3097	0.17%	0.021%
36	13.176	1663	1666	1672	rVB6	3514	6419	0.36%	0.044%

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37	13.247	1672	1678	1681	rBV4	5919	9515	0.54%	0.065%
38	13.493	1717	1720	1724	rBV4	4117	5123	0.29%	0.035%
39	13.652	1743	1747	1748	rBV2	2171	2757	0.16%	0.019%
40	13.752	1758	1764	1771	rBV2	23880	40617	2.29%	0.277%
41	13.893	1785	1788	1792	rBV3	1989	3375	0.19%	0.023%
42	13.964	1795	1800	1803	rBV5	3670	6273	0.35%	0.043%
43	14.081	1818	1820	1824	rVB3	3076	4030	0.23%	0.028%
44	14.316	1854	1860	1867	rBV	582632	850586	47.88%	5.811%
45	14.428	1877	1879	1883	rVB4	2297	2926	0.16%	0.020%
46	14.627	1906	1913	1919	rBV2	648798	1018817	57.35%	6.960%
47	14.833	1945	1948	1951	rBV2	2692	3396	0.19%	0.023%
48	14.927	1956	1964	1970	rBV	345280	563243	31.71%	3.848%
49	15.121	1992	1997	2003	rVV6	13568	23468	1.32%	0.160%
50	15.268	2017	2022	2026	rBV4	6703	8177	0.46%	0.056%
51	15.591	2074	2077	2081	rBV5	2394	3996	0.22%	0.027%
52	15.638	2081	2085	2089	rVB4	3901	5864	0.33%	0.040%
53	15.685	2089	2093	2094	rBV2	3725	4132	0.23%	0.028%
54	15.703	2094	2096	2102	rVB2	4483	7226	0.41%	0.049%
55	15.761	2102	2106	2109	rBV5	3065	3964	0.22%	0.027%
56	15.814	2111	2115	2117	rBV3	2733	2822	0.16%	0.019%
57	15.850	2117	2121	2124	rBV4	3700	6472	0.36%	0.044%
58	15.914	2124	2132	2138	rBV	849859	1322666	74.45%	9.036%
59	16.020	2144	2150	2157	rBV	205934	318500	17.93%	2.176%
60	16.143	2170	2171	2179	rVB6	6071	8591	0.48%	0.059%
61	16.226	2184	2185	2190	rVB3	4391	5328	0.30%	0.036%
62	16.390	2210	2213	2217	rVB4	2522	3492	0.20%	0.024%
63	16.490	2227	2230	2231	rVB3	3516	2775	0.16%	0.019%
64	16.502	2231	2232	2235	rBV	3075	3280	0.18%	0.022%
65	16.537	2235	2238	2240	rVV4	5144	4738	0.27%	0.032%
66	16.619	2250	2252	2255	rBV3	3537	3363	0.19%	0.023%
67	16.690	2260	2264	2265	rBV2	2972	2881	0.16%	0.020%
68	16.884	2295	2297	2298	rBV2	4249	2764	0.16%	0.019%
69	16.901	2298	2300	2302	rVB3	3127	3210	0.18%	0.022%
70	16.989	2312	2315	2317	rBV3	5327	6936	0.39%	0.047%
71	17.095	2331	2333	2338	rVB2	2479	2766	0.16%	0.019%
72	17.172	2344	2346	2349	rVB3	2864	3052	0.17%	0.021%
73	17.236	2353	2357	2358	rBV3	2793	2850	0.16%	0.019%
74	17.289	2363	2366	2367	rBV2	4498	3579	0.20%	0.024%
75	17.336	2372	2374	2378	rBV3	3622	3299	0.19%	0.023%
76	17.671	2425	2431	2438	rBV	473455	739416	41.62%	5.051%

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77	17.777	2441	2449	2463	rBV	933403	1463724	82.39%	9.999%
78	17.971	2480	2482	2487	rBV5	4570	7719	0.43%	0.053%
79	18.035	2491	2493	2495	rBV3	3747	4145	0.23%	0.028%
80	18.088	2500	2502	2505	rVV3	5115	5256	0.30%	0.036%
81	18.112	2505	2506	2509	rVB3	5861	3439	0.19%	0.023%
82	18.182	2516	2518	2521	rVB4	3022	2951	0.17%	0.020%
83	18.264	2530	2532	2534	rBV3	3860	2926	0.16%	0.020%
84	18.435	2559	2561	2565	rVB4	4633	4073	0.23%	0.028%
85	18.494	2565	2571	2583	rBV2	135770	251493	14.16%	1.718%
86	18.776	2617	2619	2621	rVB2	6079	2964	0.17%	0.020%
87	18.899	2638	2640	2643	rBV3	4610	5297	0.30%	0.036%
88	19.052	2662	2666	2669	rBV6	9652	12604	0.71%	0.086%
89	19.105	2674	2675	2678	rVB3	5872	3663	0.21%	0.025%
90	19.128	2678	2679	2680	rBV	5547	3246	0.18%	0.022%
91	19.169	2684	2686	2689	rBV4	5077	5300	0.30%	0.036%
92	19.210	2692	2693	2695	rBV2	5255	4161	0.23%	0.028%
93	19.616	2758	2762	2765	rVB5	14139	18010	1.01%	0.123%
94	19.757	2782	2786	2792	rBV4	27186	41918	2.36%	0.286%
95	20.051	2829	2836	2844	rBV	1223699	1776473	100.00%	12.136%
96	20.479	2907	2909	2915	rBV7	13195	14935	0.84%	0.102%
97	21.537	3085	3089	3098	rVB2	131037	215366	12.12%	1.471%
98	21.995	3161	3167	3178	rVB2	354319	635008	35.75%	4.338%
99	25.297	3719	3729	3743	rBV2	446020	1375883	77.45%	9.399%
100	25.544	3763	3771	3785	rVB	233423	725890	40.86%	4.959%

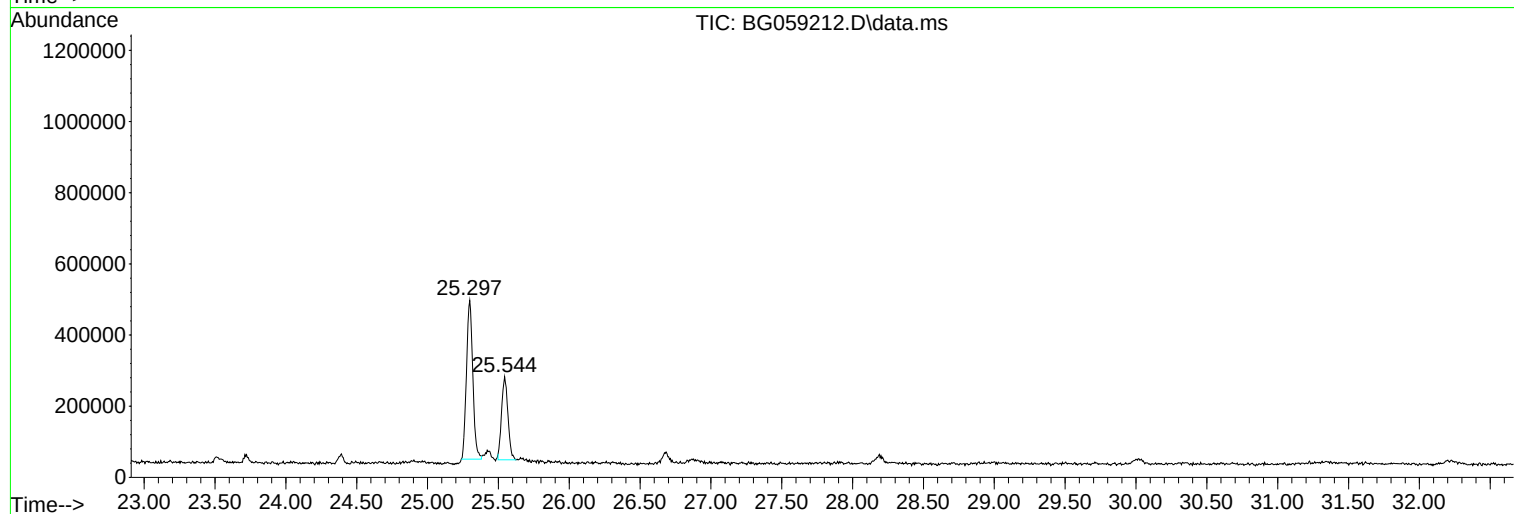
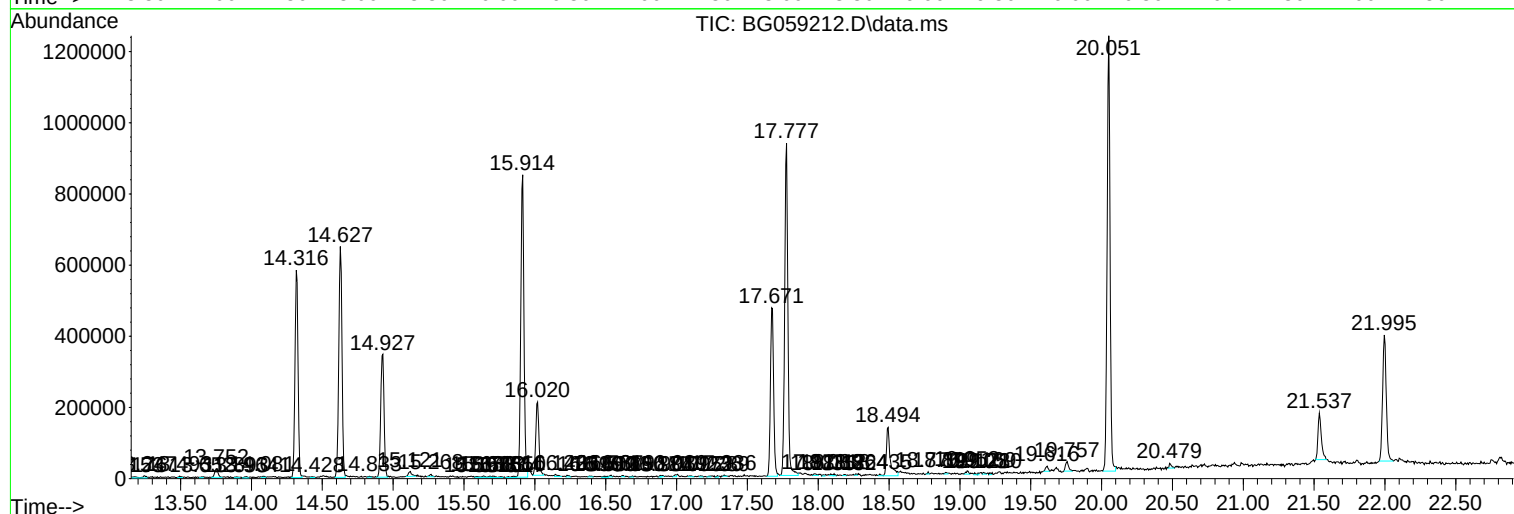
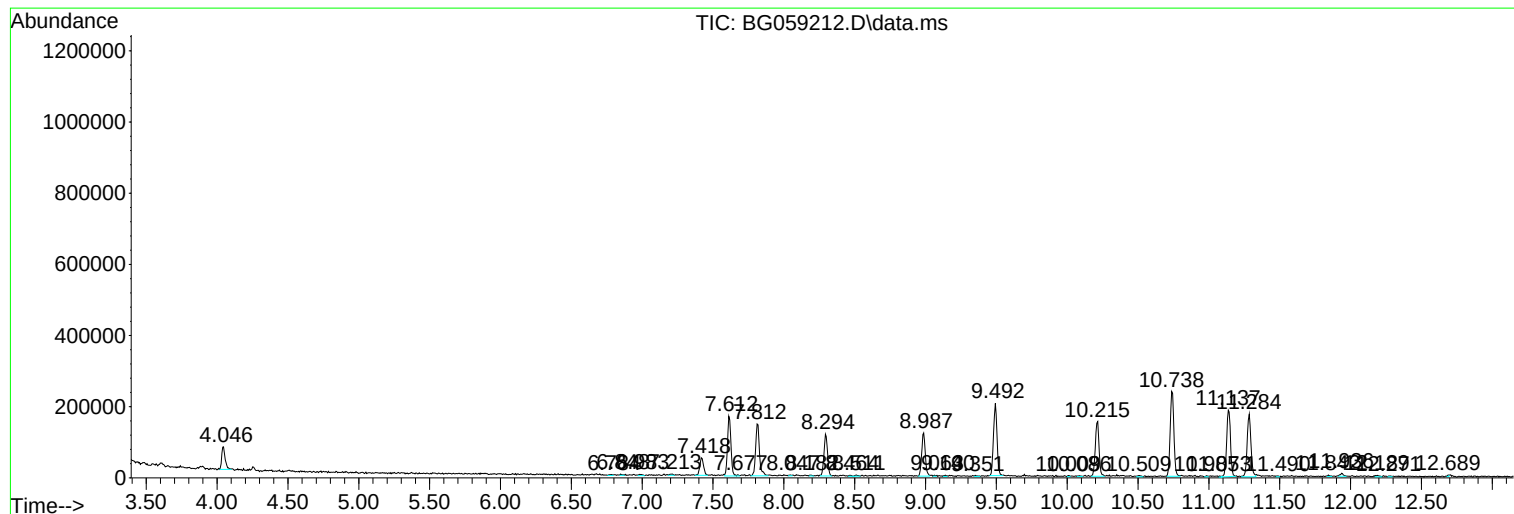
Sum of corrected areas: 14638398

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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



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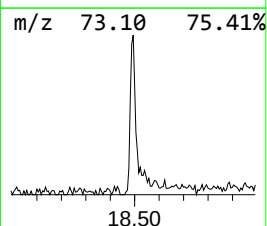
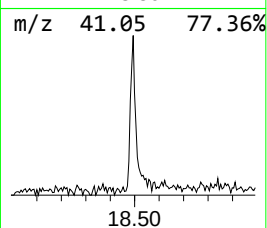
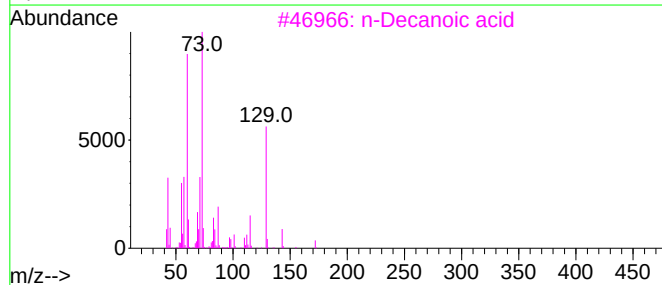
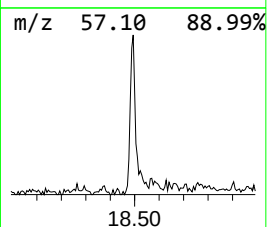
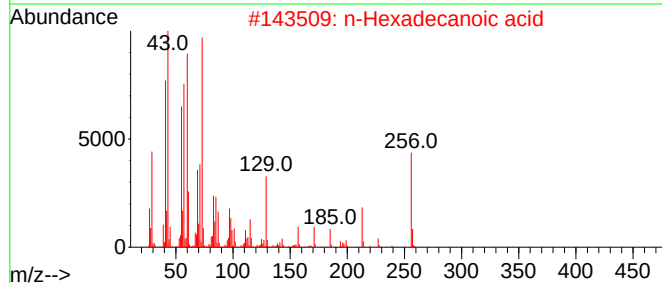
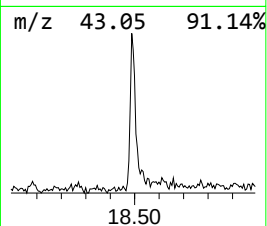
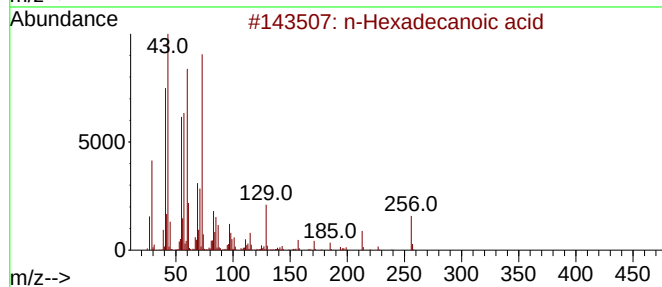
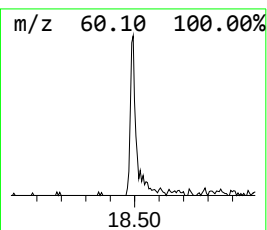
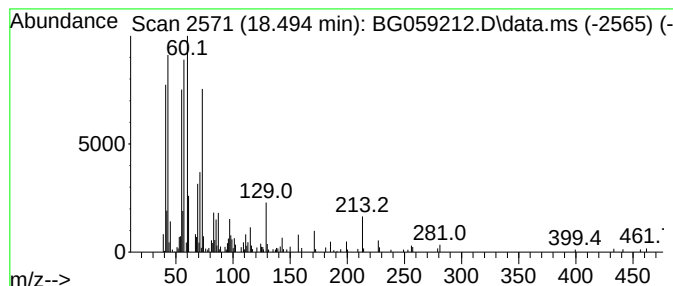
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.494	6.80 ng/ul	251493	Phenanthrene-d10	17.677

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
3			n-Decanoic acid	172	C10H20O2	000334-48-5	59
4			12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	53
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	52



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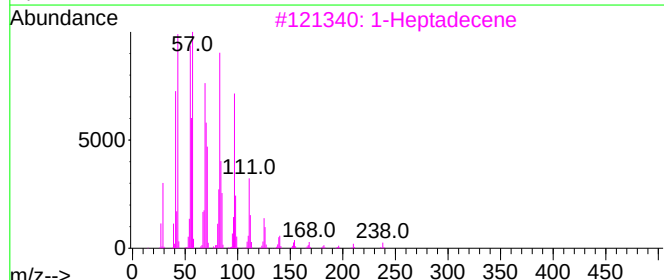
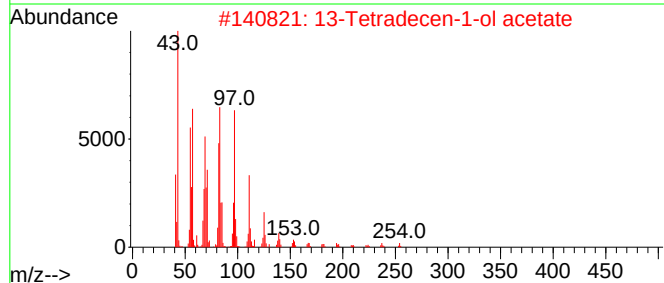
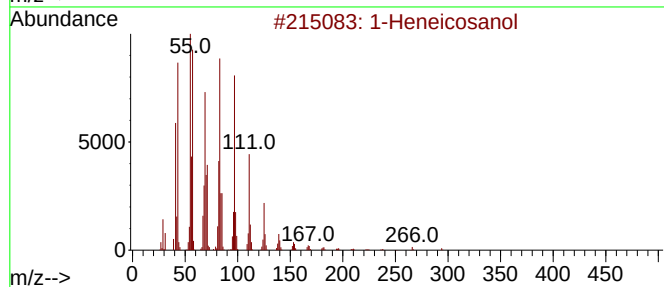
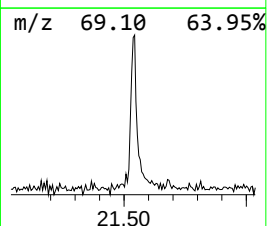
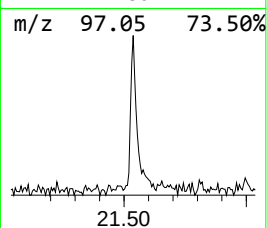
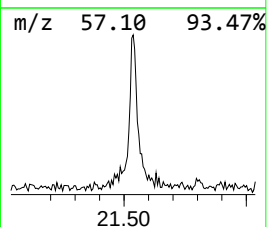
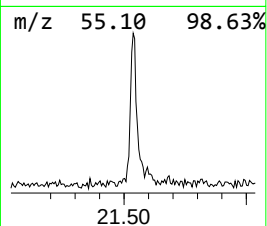
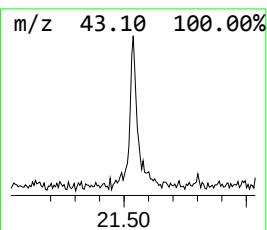
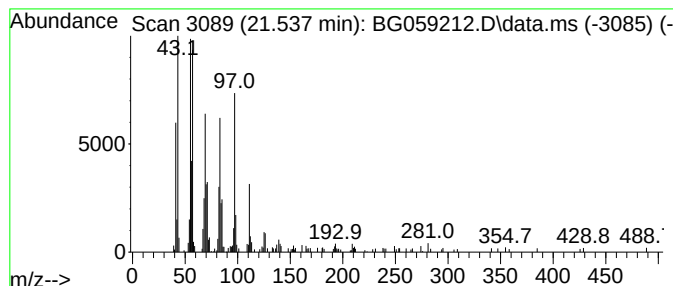
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.537	6.78 ng/ul	215366	Chrysene-d12	21.995

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol			312	C21H44O	015594-90-8	91
2	13-Tetradecen-1-ol acetate			254	C16H30O2	056221-91-1	91
3	1-Heptadecene			238	C17H34	006765-39-5	90
4	1-Nonadecene			266	C19H38	018435-45-5	87
5	Trichloroacetic acid, pentadecyl...			372	C17H31Cl3O2	074339-53-0	76



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Quant Title : SVOA CALIBRATION

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 ...	18.494	6.8	ng/ul	251493	4	17.677	739416	20.0
1-Heneicosanol	21.537	6.8	ng/ul	215366	5	21.995	635008	20.0