

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
 Data File : BG064897.D
 Acq On : 26 Nov 2025 20:28
 Operator : RC/JU
 Sample : Q3688-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-1

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-BG112425.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG064897.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.130	3	7	15	rVV2	41254	79741	5.73%	0.689%
2	3.213	15	21	30	rVB	195489	295503	21.22%	2.552%
3	3.483	63	67	76	rVB	10309	16783	1.21%	0.145%
4	3.912	135	140	151	rBV	32270	54986	3.95%	0.475%
5	5.404	390	394	399	rVB2	2016	3056	0.22%	0.026%
6	7.302	711	717	724	rBV2	26333	51305	3.68%	0.443%
7	7.467	739	745	757	rBV	68125	118727	8.53%	1.026%
8	7.684	776	782	797	rBV	90540	163675	11.75%	1.414%
9	8.160	855	863	875	rBB	84479	151319	10.87%	1.307%
10	8.853	974	981	990	rBV2	82538	151787	10.90%	1.311%
11	9.317	1053	1060	1070	rBV	109810	201277	14.46%	1.739%
12	9.870	1148	1154	1158	rVB2	1660	2289	0.16%	0.020%
13	10.046	1176	1184	1200	rBB2	94564	183040	13.15%	1.581%
14	10.586	1269	1276	1288	rBV	148002	289074	20.76%	2.497%
15	10.974	1335	1342	1353	rBV	120351	219769	15.78%	1.898%
16	11.098	1356	1363	1372	rBV	96704	193077	13.87%	1.668%
17	11.850	1484	1491	1506	rBV3	23394	55428	3.98%	0.479%
18	12.549	1603	1610	1614	rBV	2372	2900	0.21%	0.025%
19	14.165	1878	1885	1894	rBV	357225	545486	39.18%	4.712%
20	14.223	1894	1895	1902	rVB3	3154	3263	0.23%	0.028%
21	14.464	1929	1936	1948	rBV	382157	600928	43.16%	5.191%
22	14.764	1981	1987	1994	rBV	229630	375380	26.96%	3.242%
23	14.946	2012	2018	2033	rBV3	18861	45236	3.25%	0.391%
24	15.557	2117	2122	2127	rBV2	2707	4837	0.35%	0.042%
25	15.751	2148	2155	2166	rBV	545541	847533	60.87%	7.321%
26	15.851	2166	2172	2185	rVV	161866	258979	18.60%	2.237%
27	15.933	2185	2186	2191	rVV4	2101	3122	0.22%	0.027%
28	15.992	2191	2196	2200	rVB4	2471	3722	0.27%	0.032%
29	16.104	2208	2215	2223	rBV2	48187	73624	5.29%	0.636%
30	16.668	2306	2311	2313	rBV2	2333	2726	0.20%	0.024%
31	17.237	2403	2408	2411	rBV2	1419	2994	0.22%	0.026%
32	17.290	2411	2417	2421	rVB4	1181	2192	0.16%	0.019%
33	17.496	2445	2452	2462	rBV2	344882	530840	38.12%	4.585%
34	17.596	2462	2469	2483	rVB	632104	1006234	72.26%	8.691%
35	18.248	2575	2580	2582	rBV3	2219	3523	0.25%	0.030%
36	18.366	2596	2600	2611	rBV2	37951	65385	4.70%	0.565%

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37	18.436	2611	2612	2617	rVB3	3805	4159	0.30%	0.036%
38	18.665	2648	2651	2653	rVB3	1815	1901	0.14%	0.016%
39	18.700	2653	2657	2659	rBV3	1645	2577	0.19%	0.022%
40	18.865	2680	2685	2688	rBV4	3659	5721	0.41%	0.049%
41	18.983	2702	2705	2708	rVB3	2022	1936	0.14%	0.017%
42	19.047	2714	2716	2718	rBV	2638	2006	0.14%	0.017%
43	19.223	2742	2746	2747	rBV4	3241	3566	0.26%	0.031%
44	19.435	2777	2782	2789	rVB4	10851	17027	1.22%	0.147%
45	19.505	2789	2794	2802	rBV2	12921	27437	1.97%	0.237%
46	19.623	2809	2814	2822	rBV6	17281	30803	2.21%	0.266%
47	19.770	2836	2839	2842	rBV5	2372	2723	0.20%	0.024%
48	19.864	2849	2855	2868	rBV	890776	1326243	95.25%	11.455%
49	19.975	2871	2874	2875	rVB3	2916	2626	0.19%	0.023%
50	20.205	2911	2913	2915	rBV3	3497	2869	0.21%	0.025%
51	20.375	2940	2942	2947	rBV4	2406	4242	0.30%	0.037%
52	20.628	2983	2985	2991	rBV7	2658	4652	0.33%	0.040%
53	20.716	2999	3000	3002	rBV2	3517	2771	0.20%	0.024%
54	20.751	3002	3006	3007	rBV3	3451	2849	0.20%	0.025%
55	20.769	3007	3009	3012	rVV4	5699	5077	0.36%	0.044%
56	20.798	3012	3014	3016	rVV3	3765	2840	0.20%	0.025%
57	20.951	3038	3040	3043	rBV3	2888	2287	0.16%	0.020%
58	21.074	3059	3061	3063	rBV3	3187	3934	0.28%	0.034%
59	21.333	3103	3105	3107	rBV3	3415	3245	0.23%	0.028%
60	21.380	3110	3113	3117	rVV5	10911	16880	1.21%	0.146%
61	21.621	3152	3154	3159	rBV5	4607	5393	0.39%	0.047%
62	21.744	3168	3175	3187	rBV2	418721	725817	52.13%	6.269%
63	22.308	3269	3271	3273	rBV3	2884	2880	0.21%	0.025%
64	22.473	3297	3299	3300	rBV2	4441	2715	0.19%	0.023%
65	22.555	3309	3313	3315	rVB5	5897	8188	0.59%	0.071%
66	22.608	3320	3322	3328	rBV7	2937	5336	0.38%	0.046%
67	22.702	3336	3338	3339	rBV2	3063	2532	0.18%	0.022%
68	22.849	3359	3363	3365	rVB4	4194	3933	0.28%	0.034%
69	23.054	3396	3398	3399	rBV2	3035	2579	0.19%	0.022%
70	23.101	3404	3406	3408	rVB3	3093	2134	0.15%	0.018%
71	23.248	3425	3431	3436	rBV3	16230	31030	2.23%	0.268%
72	23.430	3458	3462	3473	rVB3	8726	23591	1.69%	0.204%
73	23.530	3478	3479	3482	rVB3	2971	2877	0.21%	0.025%
74	23.648	3497	3499	3502	rVB4	3210	2424	0.17%	0.021%
75	23.712	3507	3510	3512	rBV4	3193	3401	0.24%	0.029%
76	24.065	3565	3570	3578	rVB4	21245	45919	3.30%	0.397%

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77	24.229	3596	3598	3600	rBV2	3398	2816	0.20%	0.024%
78	24.388	3623	3625	3628	rBV3	2894	2666	0.19%	0.023%
79	24.605	3660	3662	3663	rVB2	3213	1866	0.13%	0.016%
80	24.782	3680	3692	3705	rBV	496321	1392425	100.00%	12.027%
81	24.999	3717	3729	3742	rBV2	265633	851507	61.15%	7.355%
82	26.074	3910	3912	3914	rVB3	2871	1966	0.14%	0.017%
83	26.180	3924	3930	3941	rVB3	27556	83577	6.00%	0.722%
84	26.556	3992	3994	3996	rBV3	2906	2618	0.19%	0.023%
85	26.879	4047	4049	4050	rBV2	2683	2238	0.16%	0.019%
86	26.967	4062	4064	4066	rBV3	2396	1913	0.14%	0.017%
87	27.561	4155	4165	4179	rVB4	28954	107352	7.71%	0.927%
88	27.878	4217	4219	4221	rVB3	3010	2222	0.16%	0.019%
89	28.072	4250	4252	4256	rVV5	2631	2810	0.20%	0.024%
90	28.959	4401	4403	4406	rVB4	3547	2715	0.19%	0.023%
91	29.223	4438	4448	4462	rVB6	21707	95873	6.89%	0.828%
92	29.359	4469	4471	4475	rVB5	2600	2984	0.21%	0.026%
93	29.834	4550	4552	4556	rVB5	2822	3169	0.23%	0.027%
94	29.911	4562	4565	4566	rBV3	2585	2789	0.20%	0.024%
95	30.193	4610	4613	4617	rVB5	2981	4034	0.29%	0.035%
96	30.422	4650	4652	4654	rBV3	3060	2796	0.20%	0.024%
97	31.074	4762	4763	4766	rBV3	2363	1919	0.14%	0.017%
98	31.233	4778	4790	4792	rBV4	14953	39913	2.87%	0.345%
99	32.026	4923	4925	4927	rBV3	2453	2399	0.17%	0.021%
100	32.097	4935	4937	4939	rBV2	3081	1938	0.14%	0.017%

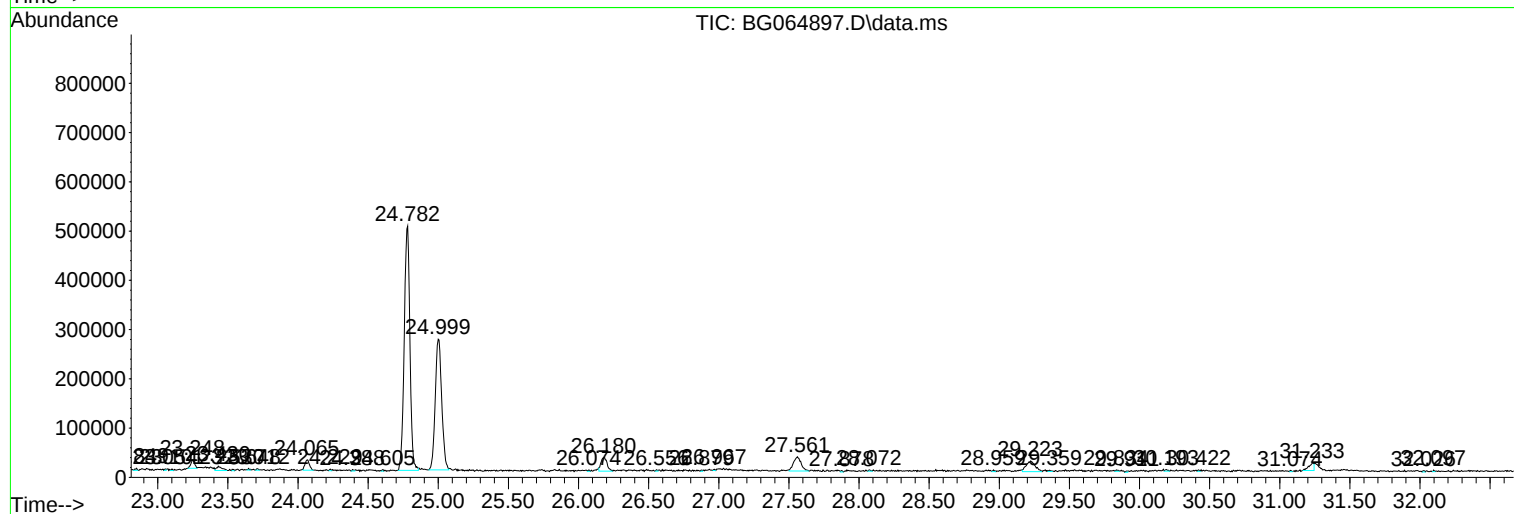
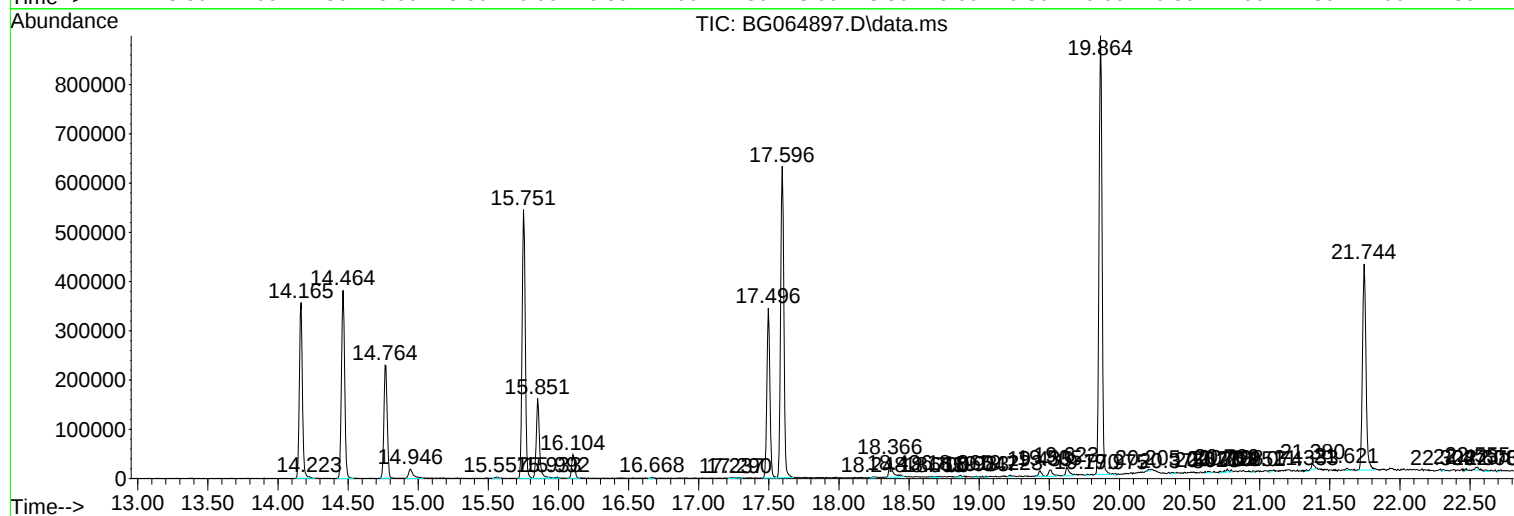
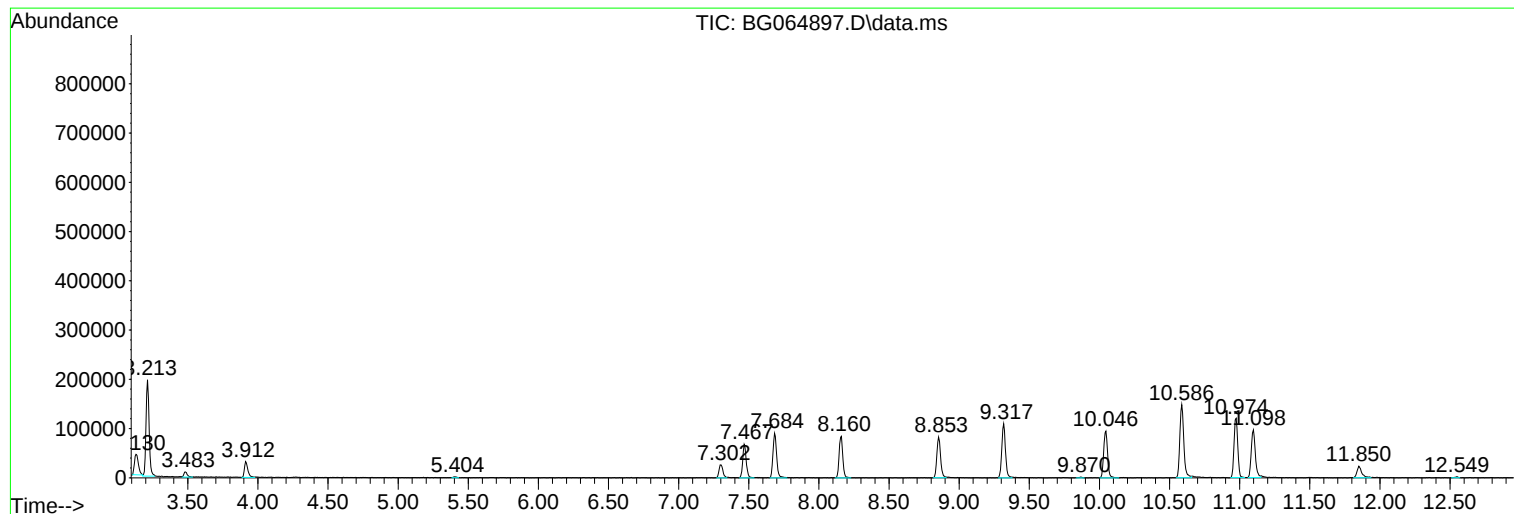
Sum of corrected areas: 11577365

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION

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



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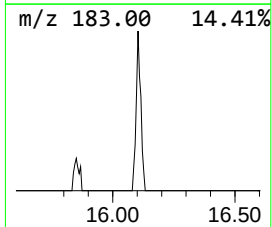
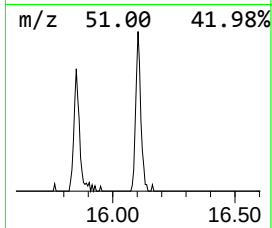
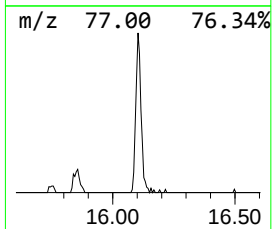
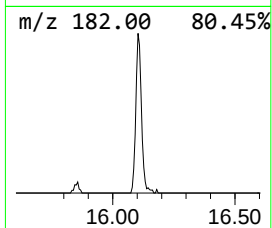
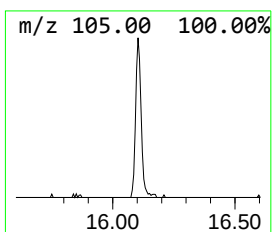
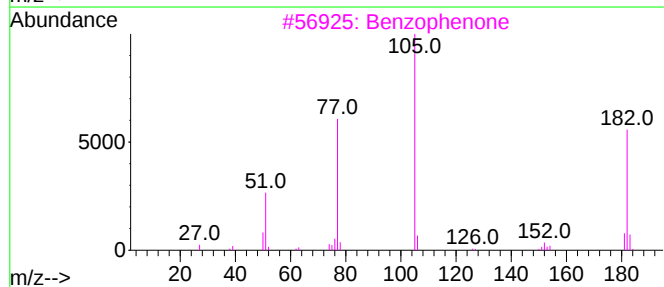
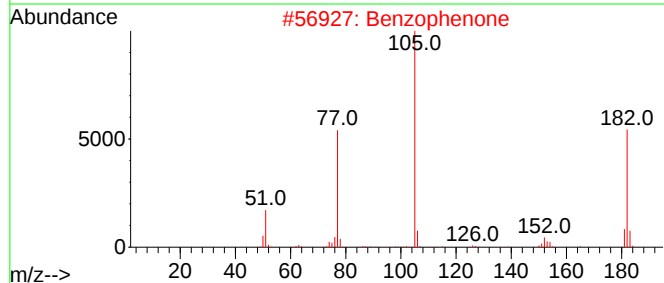
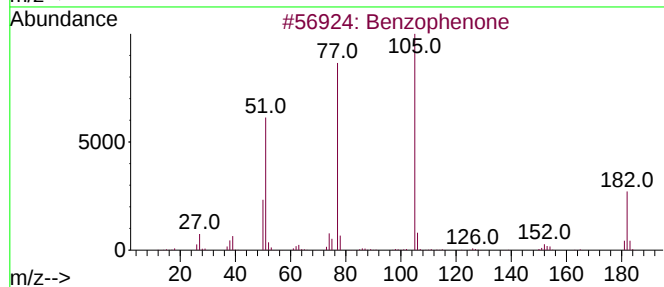
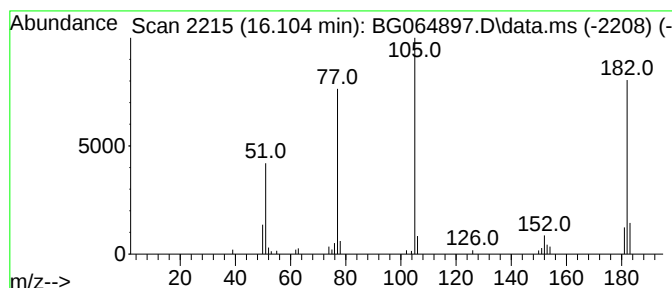
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.104	3.92 ng/ul	73624	Acenaphthene-d10	14.764

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	94
2			Benzophenone	182	C13H10O	000119-61-9	93
3			Benzophenone	182	C13H10O	000119-61-9	91
4			Benzophenone	182	C13H10O	000119-61-9	91
5			Benzophenone	182	C13H10O	000119-61-9	53



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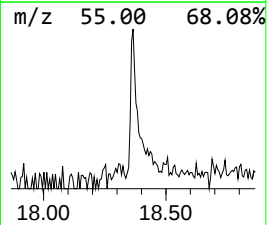
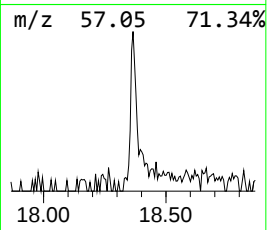
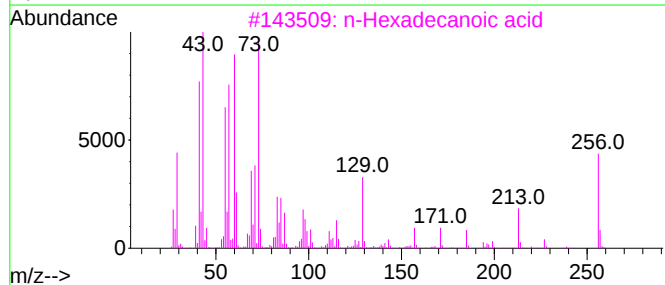
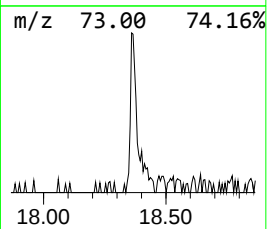
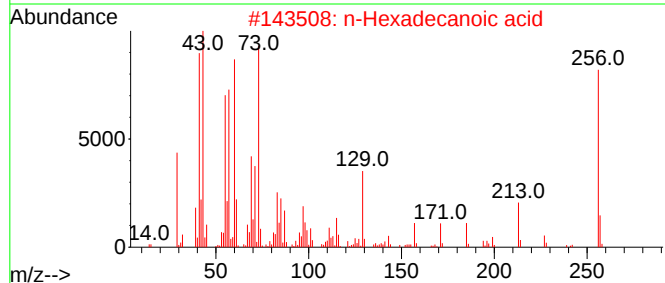
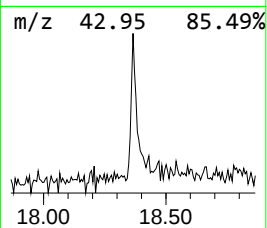
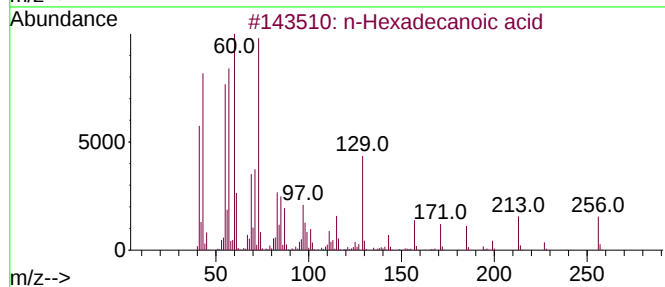
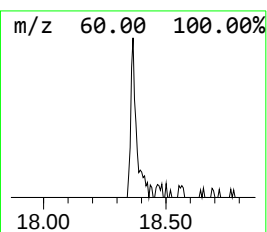
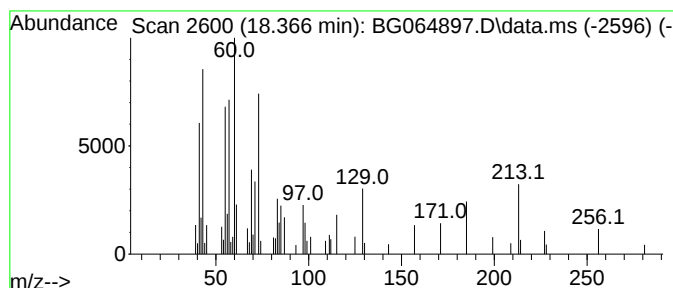
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TIC Library : C:\DATABASE\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.366	2.46 ng/ul	65385	Phenanthrene-d10	17.496

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	95		
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68		
4	1-Phenazinedicarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	59		
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50		



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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
Benzophenone	16.104	3.9	ng/u1	73624	3	14.764	375380	20.0
n-Hexadecanoic ...	18.366	2.5	ng/u1	65385	4	17.496	530840	20.0