

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059148.D
 Acq On : 21 Sep 2023 20:46
 Operator : MA/JU
 Sample : 04386-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF8

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: BG059148.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.611	35	38	45	rVB5	8154	14370	2.07%	0.170%
2	3.887	81	85	90	rBV3	4095	7628	1.10%	0.091%
3	4.040	106	111	123	rBV	108300	177364	25.55%	2.104%
4	4.257	146	148	153	rVB4	3572	4048	0.58%	0.048%
5	4.380	165	169	171	rVV5	2537	3507	0.51%	0.042%
6	4.750	229	232	236	rBV3	1965	2676	0.39%	0.032%
7	5.303	325	326	328	rBV	2152	1893	0.27%	0.022%
8	5.326	328	330	335	rVB3	1620	2319	0.33%	0.028%
9	7.406	677	684	694	rVB	114663	198296	28.56%	2.353%
10	7.612	710	719	728	rBV	95404	159881	23.03%	1.897%
11	7.812	746	753	766	rVB3	108403	198593	28.61%	2.356%
12	8.293	828	835	846	rVB	94059	160004	23.05%	1.898%
13	8.975	942	951	960	rBV	131948	227681	32.80%	2.701%
14	9.492	1032	1039	1048	rBV	108503	196271	28.27%	2.329%
15	9.592	1053	1056	1060	rBV	1658	2503	0.36%	0.030%
16	10.209	1153	1161	1168	rBV2	87422	153499	22.11%	1.821%
17	10.732	1241	1250	1257	rBV	142761	252139	36.32%	2.991%
18	11.137	1311	1319	1330	rVB	150449	264021	38.03%	3.132%
19	11.278	1336	1343	1351	rVB	135575	238178	34.31%	2.826%
20	12.013	1465	1468	1471	rBV2	1750	2075	0.30%	0.025%
21	12.688	1578	1583	1584	rBV	3003	2759	0.40%	0.033%
22	13.499	1717	1721	1725	rVB3	1249	1797	0.26%	0.021%
23	13.675	1747	1751	1755	rVV	2280	3484	0.50%	0.041%
24	13.752	1758	1764	1770	rBV2	12317	19235	2.77%	0.228%
25	13.840	1775	1779	1783	rBV	1837	2584	0.37%	0.031%
26	14.316	1854	1860	1866	rBV	253182	354170	51.02%	4.202%
27	14.521	1888	1895	1901	rBV2	1713	3695	0.53%	0.044%
28	14.627	1906	1913	1919	rBV2	285252	455052	65.55%	5.399%
29	14.733	1929	1931	1939	rVB2	2229	2127	0.31%	0.025%
30	14.921	1958	1963	1970	rVB	234930	365791	52.69%	4.340%
31	15.091	1986	1992	2002	rBV	98908	156421	22.53%	1.856%
32	15.268	2018	2022	2028	rVB3	1875	3302	0.48%	0.039%
33	15.338	2028	2034	2035	rBV	1914	2173	0.31%	0.026%
34	15.908	2124	2131	2138	rBV	357540	564933	81.38%	6.703%
35	16.014	2140	2149	2155	rBV2	93149	138396	19.94%	1.642%
36	16.537	2235	2238	2242	rVV	1693	2557	0.37%	0.030%

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37	16.995	2313	2316	2320	rVB3	3018	4057	0.58%	0.048%
38	17.347	2373	2376	2380	rVV2	1885	2599	0.37%	0.031%
39	17.494	2397	2401	2403	rBV3	3984	4971	0.72%	0.059%
40	17.553	2409	2411	2416	rVB2	3971	4743	0.68%	0.056%

41	17.671	2425	2431	2437	rVV	293127	451598	65.05%	5.358%
42	17.770	2441	2448	2455	rVV2	395186	616481	88.80%	7.314%
43	17.829	2455	2458	2462	rVB3	5404	7313	1.05%	0.087%
44	17.906	2469	2471	2474	rBV2	1657	1892	0.27%	0.022%
45	18.276	2528	2534	2536	rBV5	2000	2711	0.39%	0.032%

46	18.376	2547	2551	2557	rBV4	6776	14026	2.02%	0.166%
47	18.434	2557	2561	2563	rVB3	2311	2571	0.37%	0.031%
48	18.493	2566	2571	2583	rBV	70647	108278	15.60%	1.285%
49	18.769	2614	2618	2619	rBV3	2903	2786	0.40%	0.033%
50	19.092	2671	2673	2677	rVB2	2339	2010	0.29%	0.024%

51	19.275	2703	2704	2706	rBV2	2845	1838	0.26%	0.022%
52	19.463	2735	2736	2739	rVB2	2580	1996	0.29%	0.024%
53	19.610	2757	2761	2765	rBV4	6541	12249	1.76%	0.145%
54	19.680	2772	2773	2776	rVB	8310	4511	0.65%	0.054%
55	19.751	2782	2785	2793	rBV4	12480	18414	2.65%	0.218%

56	19.892	2806	2809	2810	rBV2	1920	1952	0.28%	0.023%
57	19.927	2813	2815	2818	rBV3	1800	1836	0.26%	0.022%
58	20.044	2827	2835	2841	rBV	491521	694208	100.00%	8.236%
59	20.273	2871	2874	2875	rBV2	1995	2193	0.32%	0.026%
60	20.485	2904	2910	2915	rBV3	7221	12889	1.86%	0.153%

61	20.738	2952	2953	2955	rBV2	3180	2274	0.33%	0.027%
62	21.537	3084	3089	3103	rBV2	51597	100360	14.46%	1.191%
63	21.866	3143	3145	3148	rVB4	3478	3177	0.46%	0.038%
64	21.895	3148	3150	3153	rBV4	2275	2561	0.37%	0.030%
65	21.942	3156	3158	3159	rBV3	2974	1876	0.27%	0.022%

66	21.989	3159	3166	3173	rVV	249589	446757	64.35%	5.301%
67	22.765	3292	3298	3304	rBV	61942	107623	15.50%	1.277%
68	22.935	3325	3327	3329	rBV3	3418	2843	0.41%	0.034%
69	23.100	3351	3355	3358	rVB5	3455	4759	0.69%	0.056%
70	23.141	3361	3362	3364	rBV2	3413	2066	0.30%	0.025%

71	23.182	3367	3369	3372	rBV4	2411	2602	0.37%	0.031%
72	23.517	3422	3426	3429	rBV4	7053	12109	1.74%	0.144%
73	23.605	3440	3441	3446	rBV4	2824	3436	0.49%	0.041%
74	23.646	3446	3448	3451	rVV4	3033	1899	0.27%	0.023%
75	23.722	3454	3461	3466	rBV5	15010	32404	4.67%	0.384%

76	23.916	3489	3494	3504	rVV8	8074	16938	2.44%	0.201%
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77	23.993	3506	3507	3509	rBV2	4241	4042	0.58%	0.048%
78	24.398	3568	3576	3585	rVB3	42290	98073	14.13%	1.164%
79	24.463	3585	3587	3588	rBV2	3878	3003	0.43%	0.036%
80	24.850	3652	3653	3655	rBV2	3446	2114	0.30%	0.025%
81	24.927	3665	3666	3668	rBV2	3032	1948	0.28%	0.023%
82	25.062	3687	3689	3693	rVB4	2408	1962	0.28%	0.023%
83	25.156	3704	3705	3708	rBV3	4635	3052	0.44%	0.036%
84	25.285	3714	3727	3740	rVV2	229022	692623	99.77%	8.218%
85	25.438	3750	3753	3754	rBV3	6588	6388	0.92%	0.076%
86	25.538	3758	3770	3781	rVV	159625	500602	72.11%	5.939%
87	26.325	3902	3904	3905	rBV2	2524	2122	0.31%	0.025%
88	26.854	3992	3994	3996	rBV3	3484	4222	0.61%	0.050%
89	27.771	4149	4150	4155	rBV3	2727	3188	0.46%	0.038%
90	29.222	4395	4397	4404	rVB7	3502	5260	0.76%	0.062%
91	29.662	4470	4472	4475	rVV3	2531	2398	0.35%	0.028%
92	30.144	4552	4554	4559	rBV5	2982	4785	0.69%	0.057%
93	30.226	4566	4568	4571	rBV4	2375	3256	0.47%	0.039%
94	30.561	4623	4625	4626	rBV3	2786	2464	0.35%	0.029%
95	31.143	4721	4724	4727	rBV4	1949	2744	0.40%	0.033%
96	31.695	4816	4818	4821	rBV4	2038	1926	0.28%	0.023%
97	32.107	4885	4888	4892	rBV5	2324	3090	0.45%	0.037%
98	32.242	4908	4911	4912	rBV2	3663	3850	0.55%	0.046%
99	32.371	4930	4933	4936	rBV5	3026	4620	0.67%	0.055%
100	32.606	4971	4973	4975	rBV3	3765	3577	0.52%	0.042%

Sum of corrected areas: 8428537

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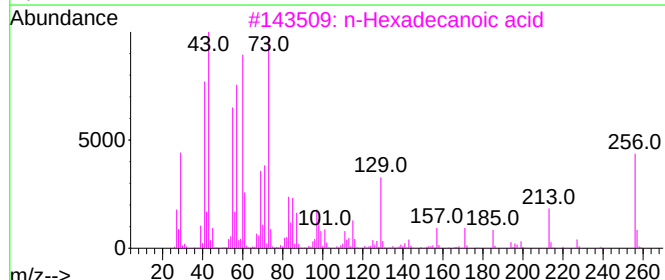
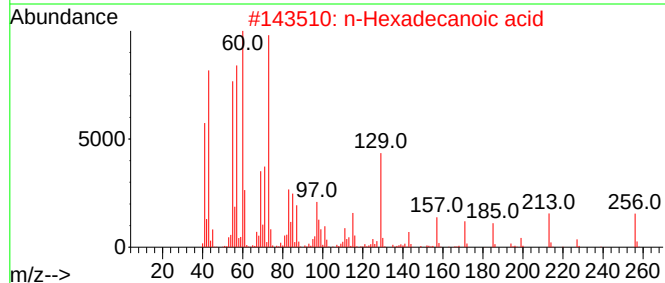
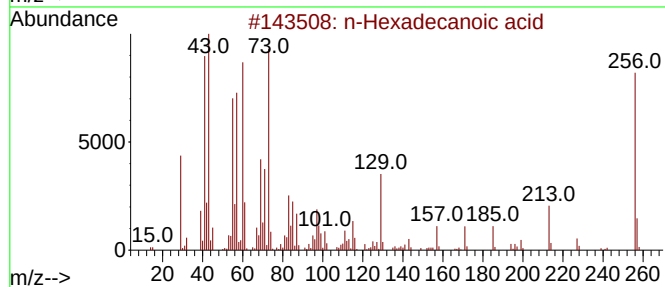
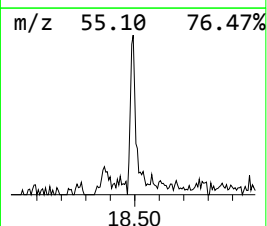
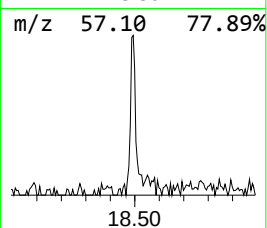
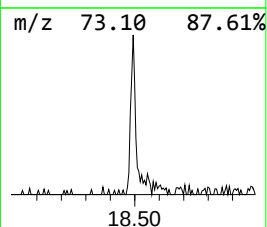
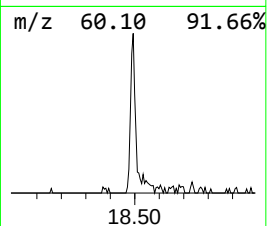
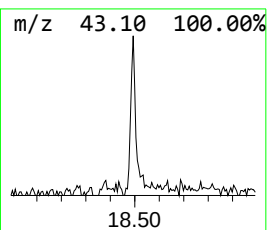
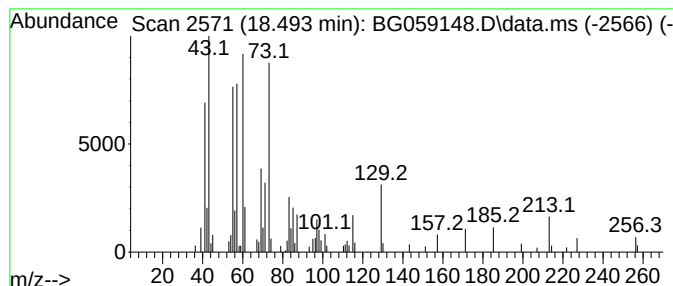
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.493	4.80 ng/ul	108278	Phenanthrene-d10	17.671

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4			Tridecanoic acid	214	C13H26O2	000638-53-9	91
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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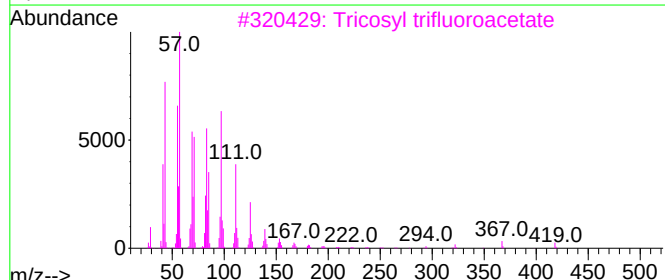
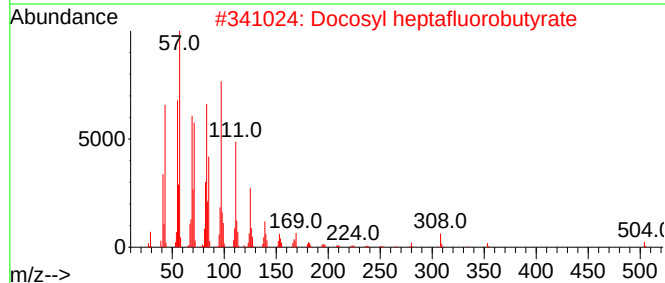
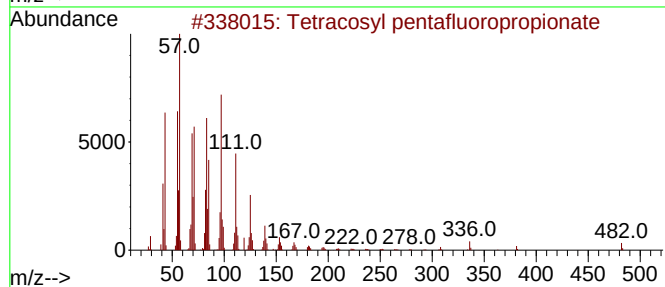
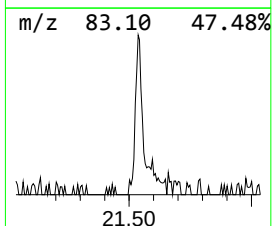
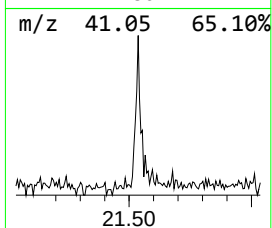
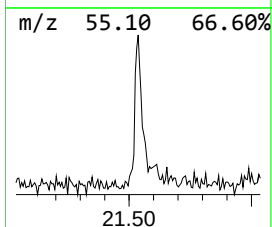
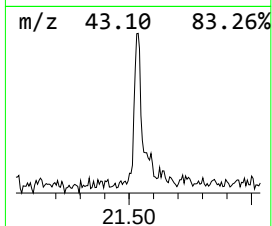
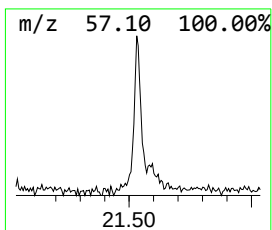
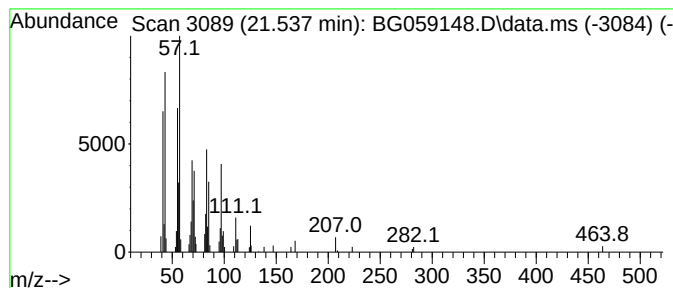
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tetracosyl pentafluoropropi... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.537	4.49 ng/ul	100360	Chrysene-d12	21.989

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosyl pentafluoropropionate	500	C27H49F5O2	1000351-81-3	90
2			Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	90
3			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90
4			17-Pentatriacontene	491	C35H70	006971-40-0	87
5			1-Docosene	308	C22H44	001599-67-3	87



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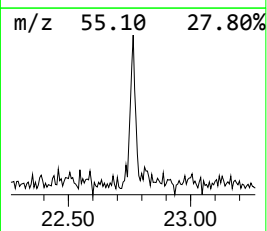
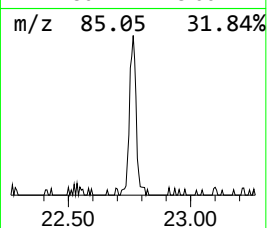
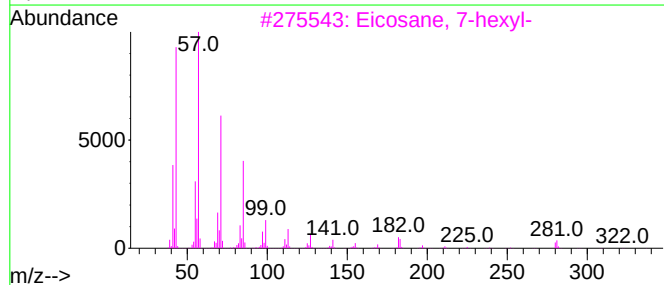
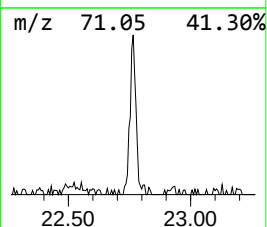
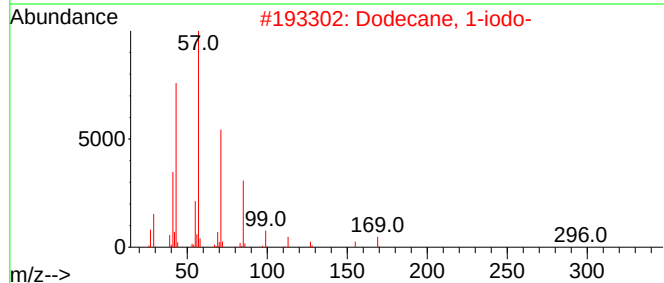
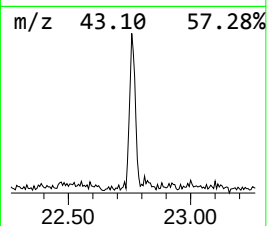
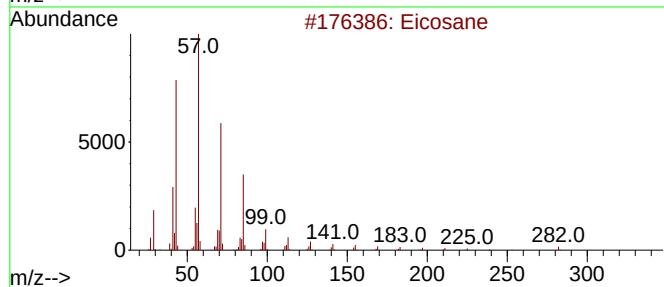
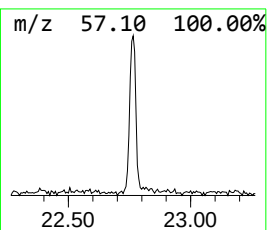
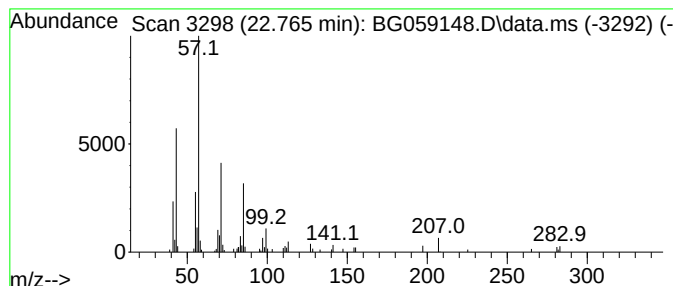
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.765	4.82 ng/ul	107623	Chrysene-d12	21.989

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	74
4			Octacosane	394	C28H58	000630-02-4	74
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74



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C0AF8

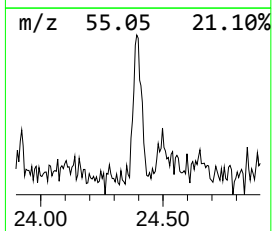
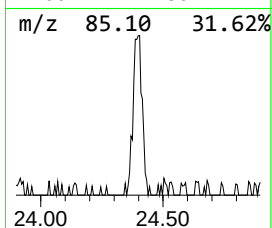
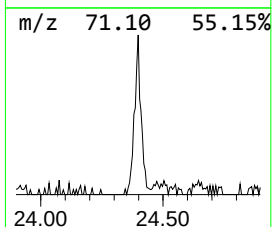
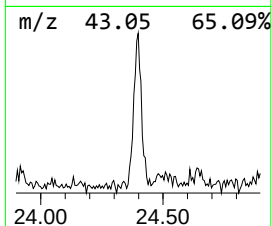
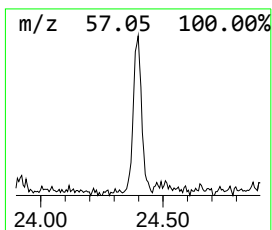
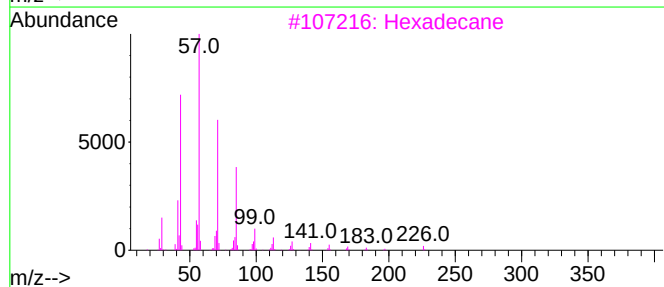
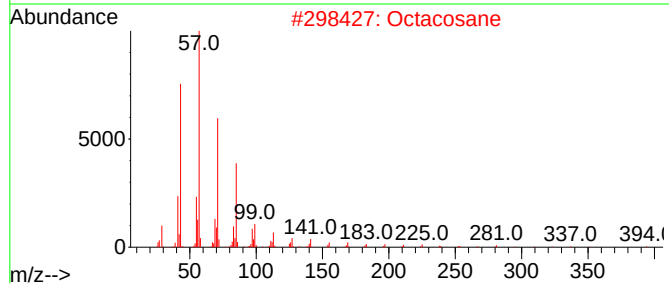
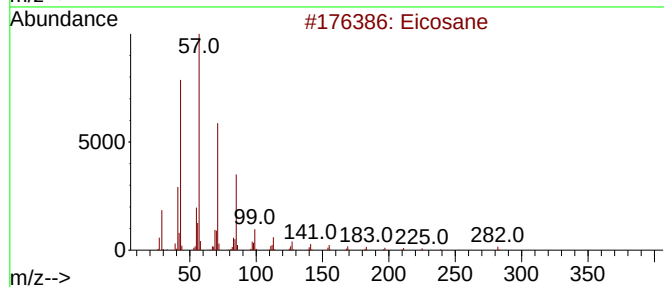
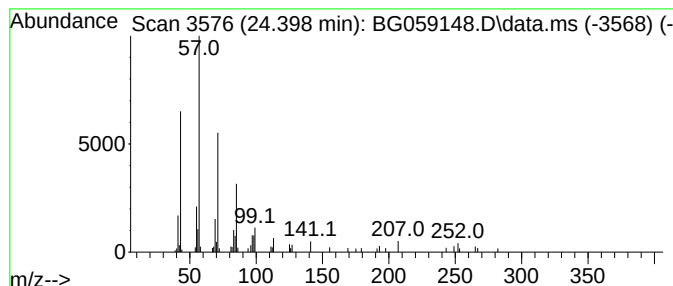
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.398	3.92 ng/ul	98073	Perylene-d12	25.538

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	96
2		Octacosane	394	C28H58	000630-02-4	80
3		Hexadecane	226	C16H34	000544-76-3	80
4		Pentadecane	212	C15H32	000629-62-9	80
5		Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059148.D
Acq On : 21 Sep 2023 20:46
Operator : MA/JU
Sample : 04386-05
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AF8

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.493	4.8	ng/ul	108278	4	17.671	451598	20.0
Tetracosyl pent...	21.537	4.5	ng/ul	100360	5	21.989	446757	20.0
(DEL) Alkane: S...	22.765	4.8	ng/ul	107623	5	21.989	446757	20.0
(DEL) Alkane: S...	24.398	3.9	ng/ul	98073	6	25.538	500602	20.0