

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
 Data File : BG057360.D
 Acq On : 9 May 2023 20:10
 Operator : CG/JU
 Sample : 02609-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JREK6

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-BG042823.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG057360.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.649	15	19	23	rVB3	2647	3215	0.47%	0.054%
2	4.107	95	97	109	rVV2	4410	8050	1.18%	0.135%
3	4.336	132	136	138	rBV2	519	716	0.11%	0.012%
4	4.442	148	154	158	rVB3	1158	2309	0.34%	0.039%
5	4.823	215	219	221	rVB	524	854	0.13%	0.014%
6	7.438	660	664	667	rBB	1198	1386	0.20%	0.023%
7	7.508	671	676	685	rBB2	11388	19404	2.85%	0.326%
8	7.672	697	704	711	rBV	52329	85978	12.63%	1.445%
9	7.896	735	742	750	rBB	49240	81553	11.98%	1.371%
10	8.366	816	822	829	rBB2	64689	106086	15.58%	1.783%
11	9.065	935	941	950	rBV	36840	63977	9.40%	1.075%
12	9.541	1015	1022	1031	rBV	67644	120123	17.64%	2.019%
13	9.899	1079	1083	1088	rBB3	1321	2020	0.30%	0.034%
14	10.275	1140	1147	1155	rBB2	53078	94079	13.82%	1.581%
15	10.815	1233	1239	1254	rBB	74039	138934	20.41%	2.335%
16	11.203	1296	1305	1316	rBV	93521	167191	24.56%	2.810%
17	11.332	1321	1327	1336	rBV2	27332	49763	7.31%	0.836%
18	12.378	1503	1505	1509	rBV	925	1144	0.17%	0.019%
19	12.766	1566	1571	1575	rVB3	1395	1805	0.27%	0.030%
20	14.363	1837	1843	1851	rVB	214835	300708	44.17%	5.055%
21	14.522	1865	1870	1873	rBV	2289	3782	0.56%	0.064%
22	14.563	1873	1877	1882	rVB	3361	4814	0.71%	0.081%
23	14.622	1882	1887	1890	rBV2	576	718	0.11%	0.012%
24	14.681	1890	1897	1905	rVB	216020	340810	50.06%	5.729%
25	14.880	1928	1931	1936	rVB	645	975	0.14%	0.016%
26	14.980	1941	1948	1957	rVB	180217	279233	41.01%	4.694%
27	15.186	1975	1983	1990	rBV3	5627	11423	1.68%	0.192%
28	15.967	2109	2116	2127	rVB	305292	465873	68.43%	7.831%
29	16.085	2131	2136	2147	rBV	61200	99776	14.65%	1.677%
30	16.202	2153	2156	2159	rVB	686	776	0.11%	0.013%
31	16.672	2233	2236	2242	rVB2	638	1120	0.16%	0.019%
32	17.718	2408	2414	2424	rBV	249778	371662	54.59%	6.247%
33	17.818	2424	2431	2440	rVV	380772	564573	82.92%	9.490%
34	18.158	2486	2489	2492	rBV	534	943	0.14%	0.016%
35	18.605	2561	2565	2566	rBV2	686	798	0.12%	0.013%
36	18.622	2566	2568	2569	rVV2	1186	740	0.11%	0.012%

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37	18.634	2569	2570	2574	rVB3	1148	959	0.14%	0.016%
38	18.840	2602	2605	2608	rBV	968	1009	0.15%	0.017%
39	19.368	2693	2695	2697	rVB2	930	773	0.11%	0.013%
40	19.404	2697	2701	2702	rBV2	950	978	0.14%	0.016%

41	19.433	2702	2706	2708	rBV	977	1322	0.19%	0.022%
42	19.462	2708	2711	2714	rVV3	1542	1635	0.24%	0.027%
43	19.533	2719	2723	2725	rBV2	1262	1251	0.18%	0.021%
44	19.650	2738	2743	2748	rVV5	4579	6843	1.01%	0.115%
45	19.721	2751	2755	2760	rBV	5343	7407	1.09%	0.125%

46	19.809	2768	2770	2772	rBV2	835	722	0.11%	0.012%
47	19.885	2780	2783	2784	rBV3	1108	1082	0.16%	0.018%
48	19.944	2789	2793	2796	rVV4	2023	2789	0.41%	0.047%
49	20.026	2803	2807	2810	rVB4	3347	3733	0.55%	0.063%
50	20.085	2810	2817	2828	rBV	484434	680837	100.00%	11.444%

51	20.220	2838	2840	2842	rVB3	1060	930	0.14%	0.016%
52	20.361	2863	2864	2867	rVB3	1196	871	0.13%	0.015%
53	20.549	2892	2896	2900	rBV4	8341	9760	1.43%	0.164%
54	20.620	2907	2908	2911	rBV2	1122	724	0.11%	0.012%
55	20.708	2921	2923	2924	rBV2	1477	952	0.14%	0.016%

56	20.784	2934	2936	2939	rVB4	1863	1736	0.25%	0.029%
57	20.814	2939	2941	2943	rBV2	1931	1586	0.23%	0.027%
58	20.831	2943	2944	2947	rBV2	1069	1095	0.16%	0.018%
59	20.984	2967	2970	2975	rBV5	2199	4677	0.69%	0.079%
60	21.054	2978	2982	2987	rVB2	20083	22391	3.29%	0.376%

61	21.195	3004	3006	3009	rBV4	2047	2606	0.38%	0.044%
62	21.254	3014	3016	3017	rBV	1732	818	0.12%	0.014%
63	21.430	3044	3046	3048	rBV3	1621	1675	0.25%	0.028%
64	21.583	3064	3072	3076	rBV2	27144	40358	5.93%	0.678%
65	21.630	3076	3080	3085	rVB6	2700	4756	0.70%	0.080%

66	21.695	3087	3091	3098	rBV2	9803	17253	2.53%	0.290%
67	21.847	3115	3117	3118	rBV2	2289	1184	0.17%	0.020%
68	21.947	3132	3134	3137	rBV3	1888	1380	0.20%	0.023%
69	22.030	3141	3148	3155	rVB2	239284	400878	58.88%	6.738%
70	22.165	3166	3171	3176	rVB2	32573	45499	6.68%	0.765%

71	22.358	3202	3204	3205	rBV2	1646	1457	0.21%	0.024%
72	22.494	3226	3227	3230	rVB3	2284	1651	0.24%	0.028%
73	22.811	3276	3281	3288	rVB2	28010	46377	6.81%	0.780%
74	23.263	3356	3358	3359	rVB2	1922	776	0.11%	0.013%
75	23.557	3401	3408	3419	rVB2	24434	49858	7.32%	0.838%

76	23.762	3441	3443	3444	rBV2	1969	1250	0.18%	0.021%
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77	24.068	3493	3495	3496	rBV2	2195	1429	0.21%	0.024%
78	24.426	3550	3556	3565	rVB3	19754	41969	6.16%	0.705%
79	25.296	3692	3704	3716	rVB	209293	638251	93.75%	10.728%
80	25.378	3716	3718	3720	rBV3	1393	1377	0.20%	0.023%
81	25.448	3724	3730	3735	rVV5	16943	41414	6.08%	0.696%
82	25.537	3736	3745	3758	rVB2	134859	383680	56.35%	6.449%
83	25.678	3768	3769	3770	rBV	1659	833	0.12%	0.014%
84	26.682	3935	3940	3951	rVB7	11831	35248	5.18%	0.592%
85	26.899	3976	3977	3982	rBV4	1815	1632	0.24%	0.027%
86	27.058	4002	4004	4005	rVB2	1938	1194	0.18%	0.020%
87	27.663	4106	4107	4108	rBV	1620	971	0.14%	0.016%
88	28.098	4179	4181	4182	rBV2	1746	1107	0.16%	0.019%
89	28.151	4184	4190	4193	rBV6	6494	13300	1.95%	0.224%
90	28.656	4274	4276	4279	rBV3	1780	1453	0.21%	0.024%
91	28.814	4301	4303	4306	rBV3	1820	2356	0.35%	0.040%
92	29.660	4445	4447	4448	rVB2	1975	834	0.12%	0.014%
93	29.772	4465	4466	4469	rBV2	2305	1812	0.27%	0.030%
94	30.036	4509	4511	4512	rVB	1883	911	0.13%	0.015%
95	30.882	4653	4655	4657	rBV3	2190	1807	0.27%	0.030%
96	31.288	4721	4724	4728	rBV6	1737	3514	0.52%	0.059%
97	31.828	4814	4816	4818	rVB2	1866	995	0.15%	0.017%
98	31.998	4844	4845	4846	rBV	2893	1112	0.16%	0.019%
99	32.386	4910	4911	4913	rBV2	1575	951	0.14%	0.016%

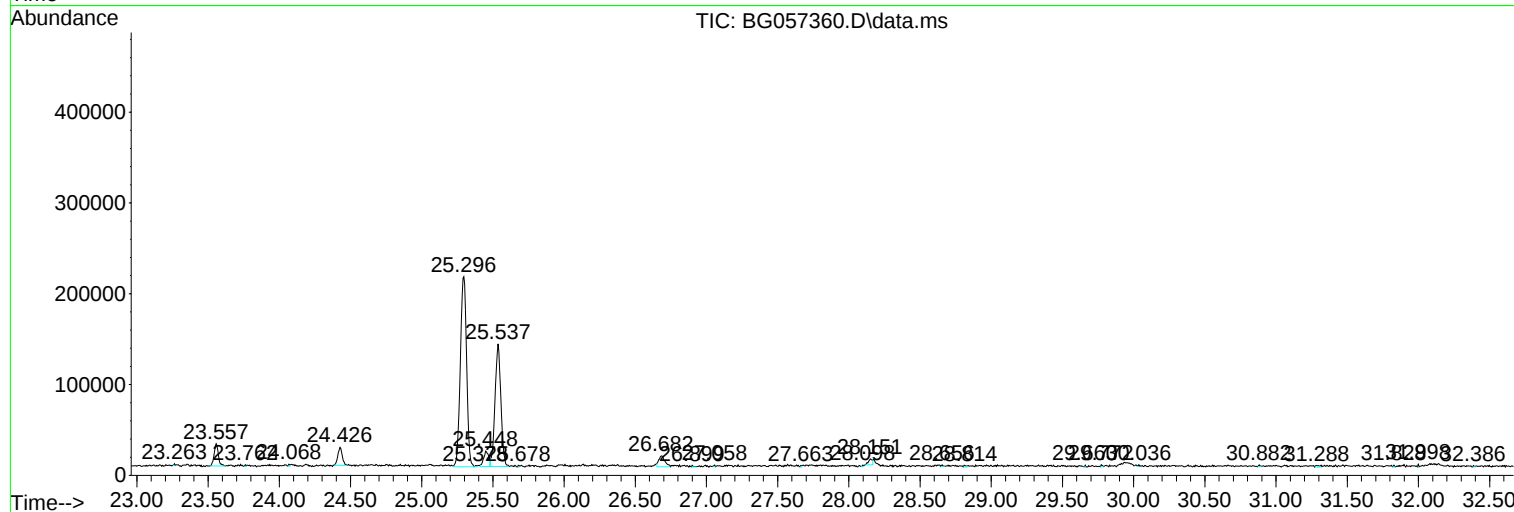
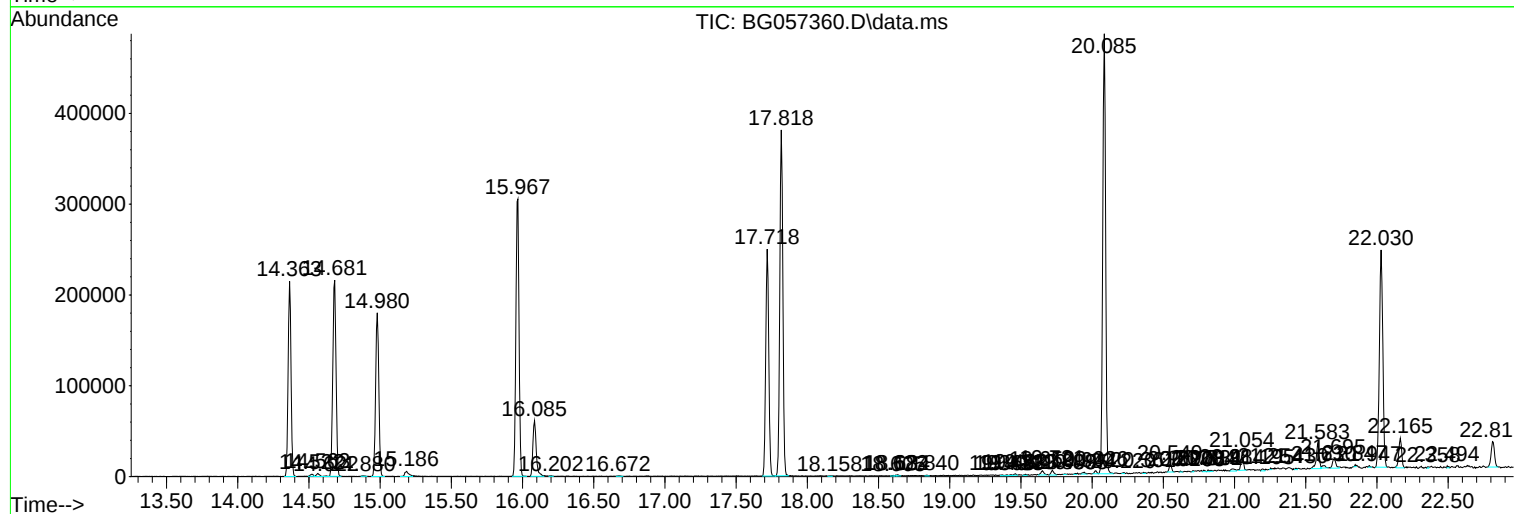
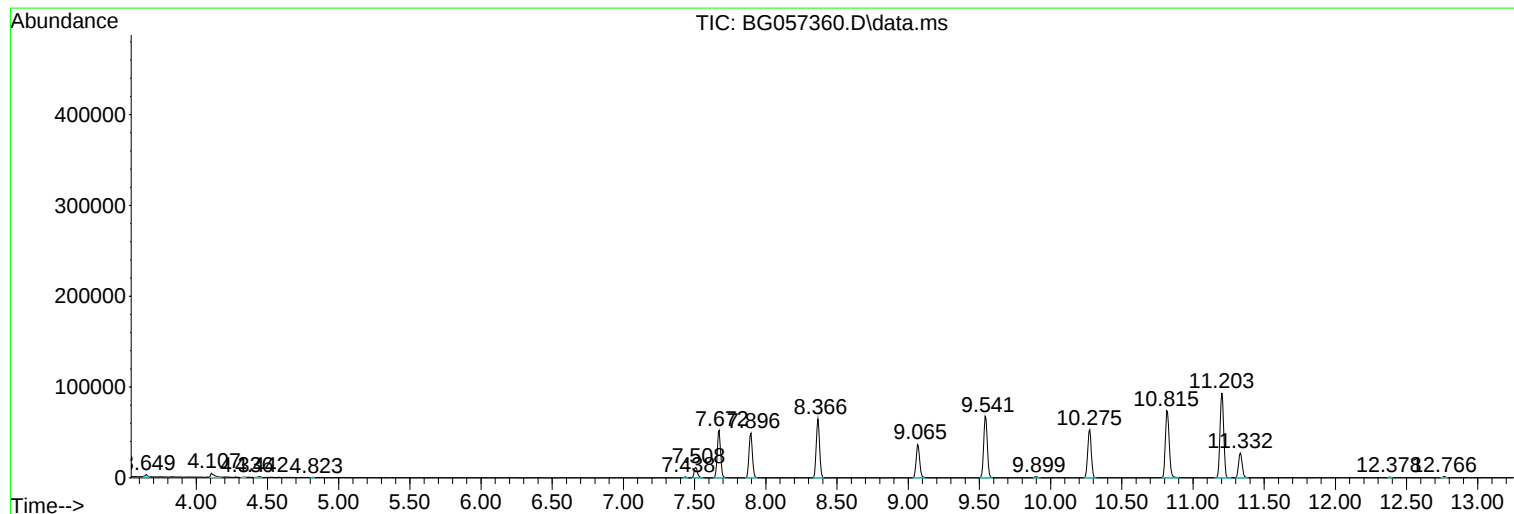
Sum of corrected areas: 5949299

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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



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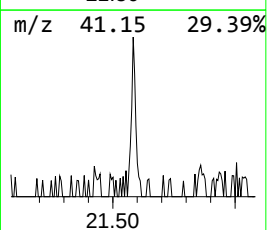
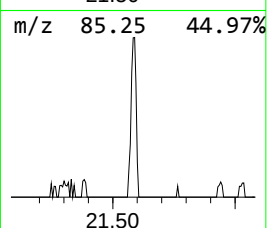
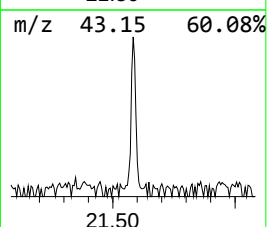
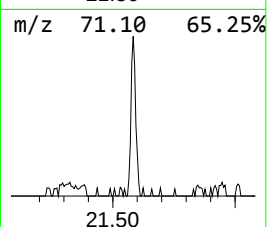
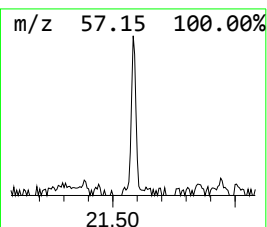
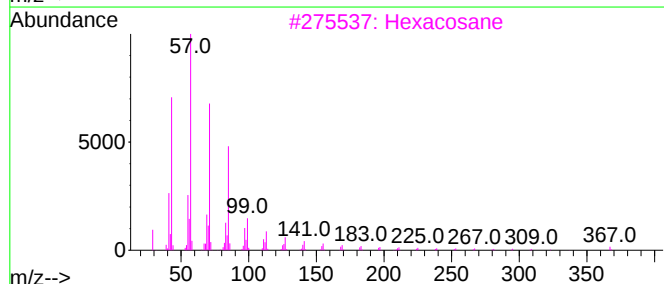
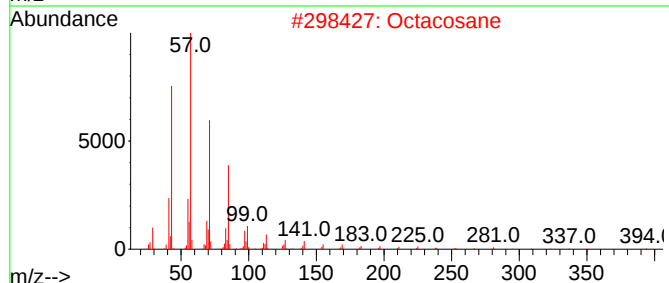
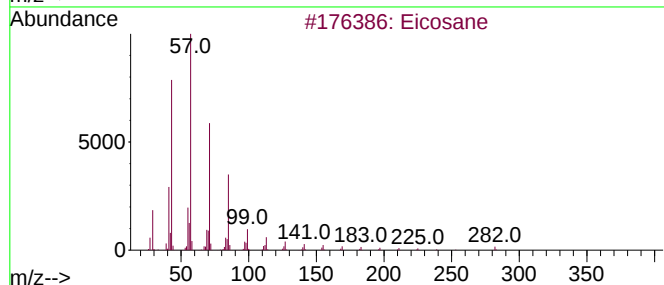
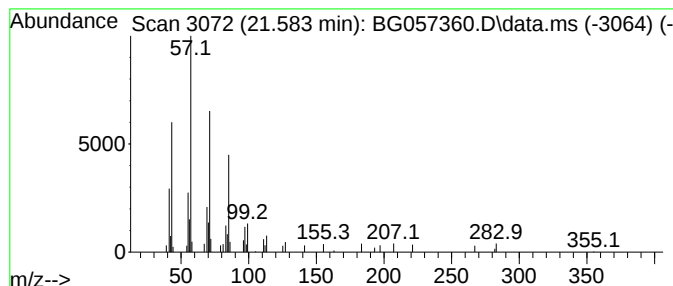
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.583	2.01 ng/ul	40358	Chrysene-d12	22.029

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	87
2			Octacosane	394	C28H58	000630-02-4	83
3			Hexacosane	366	C26H54	000630-01-3	83
4			Eicosane	282	C20H42	000112-95-8	81
5			Tetracosane	338	C24H50	000646-31-1	80



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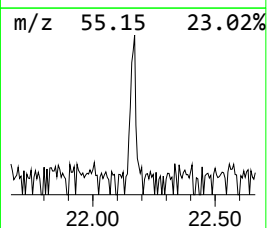
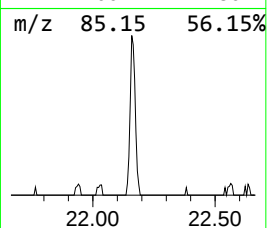
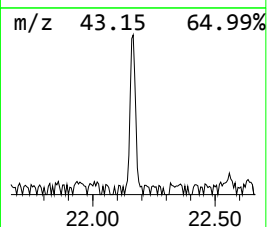
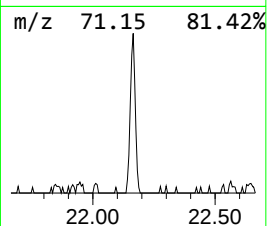
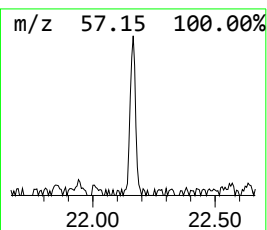
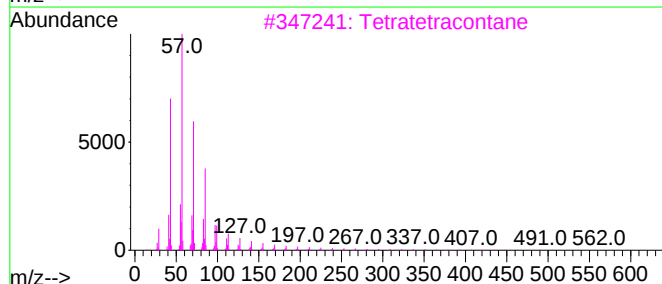
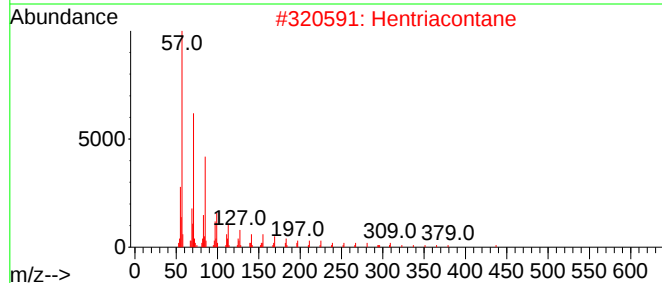
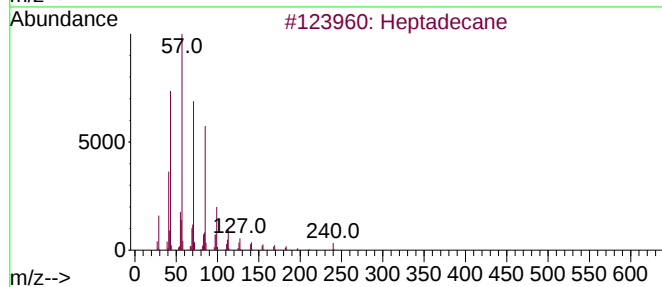
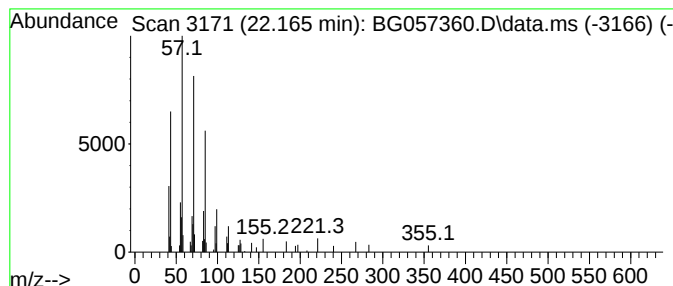
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.165	2.27 ng/ul	45499	Chrysene-d12	22.029

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	93
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Hexacosane	366	C26H54	000630-01-3	83
5		Docosane	310	C22H46	000629-97-0	80



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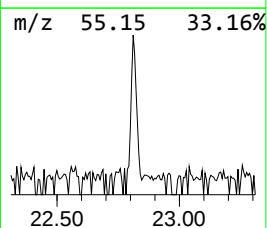
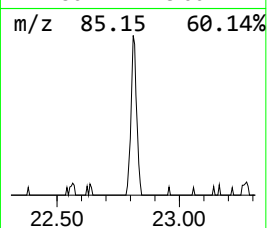
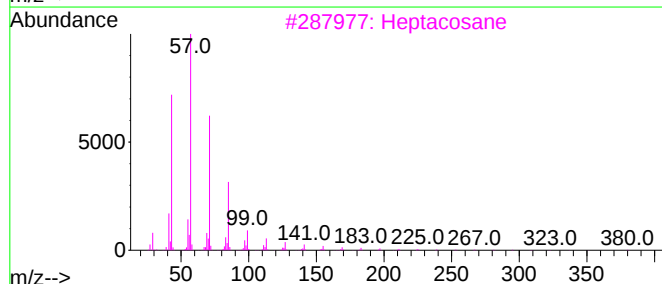
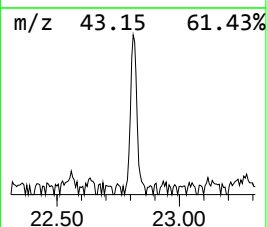
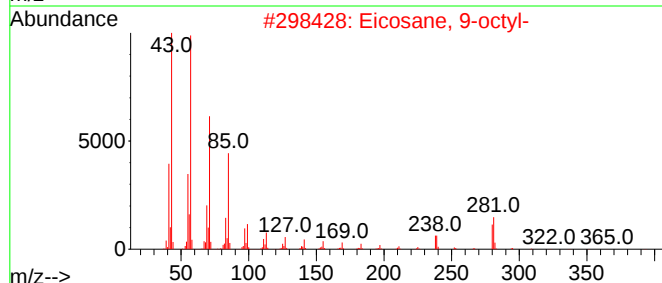
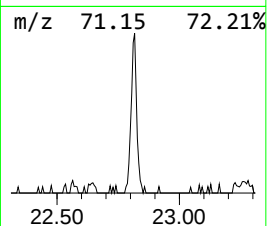
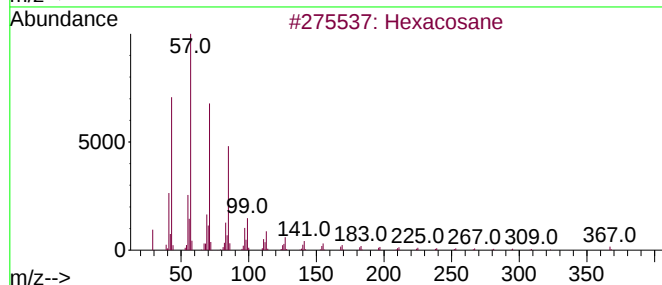
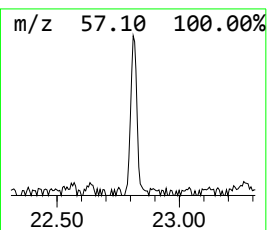
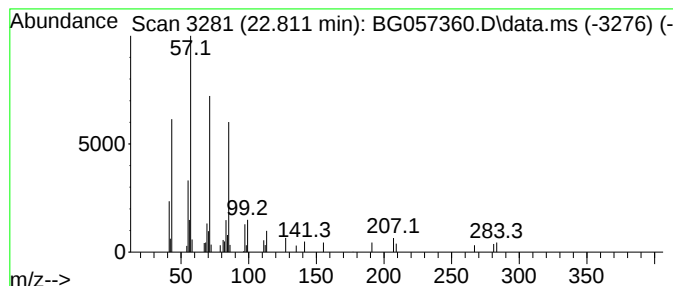
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.811	2.31 ng/ul	46377	Chrysene-d12	22.029

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	83
2			Eicosane, 9-octyl-	394	C28H58	013475-77-9	83
3			Heptacosane	380	C27H56	000593-49-7	80
4			Eicosane	282	C20H42	000112-95-8	80
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
Data File : BG057360.D
Acq On : 9 May 2023 20:10
Operator : CG/JU
Sample : 02609-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREK6

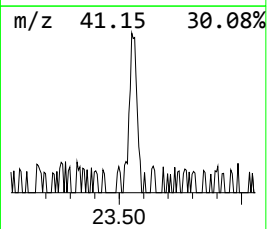
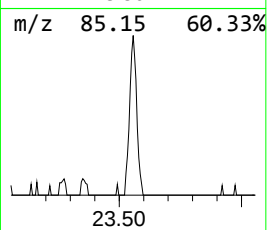
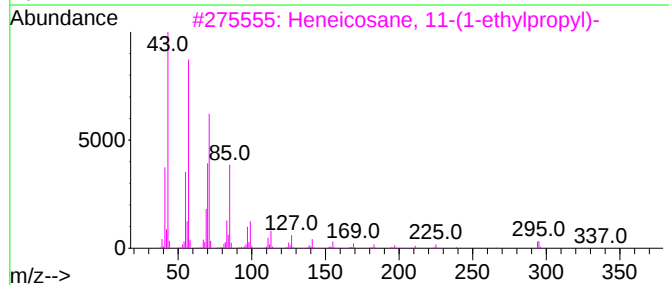
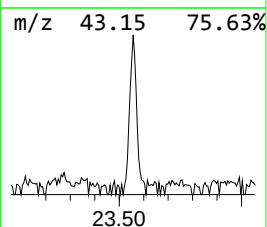
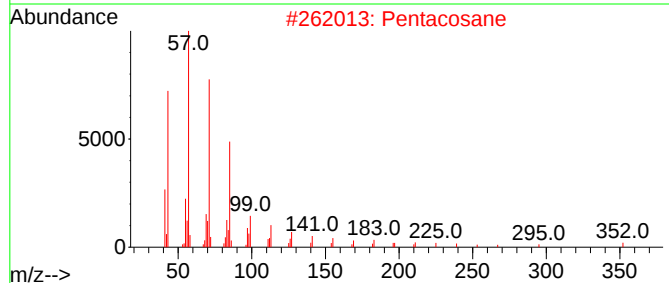
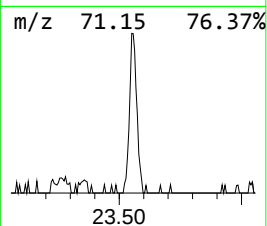
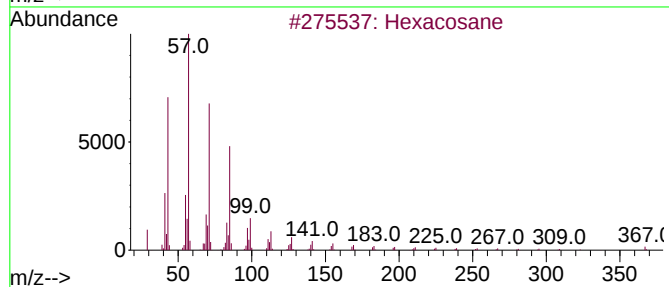
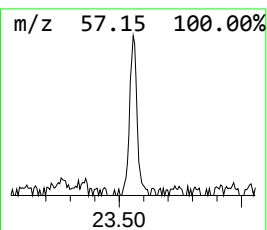
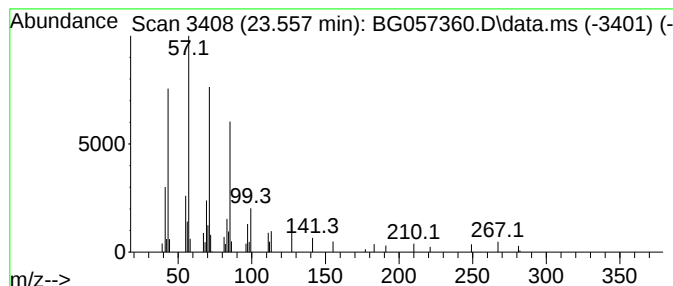
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.557	2.49 ng/ul	49858	Chrysene-d12	22.029

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Pentacosane	352	C25H52	000629-99-2	91
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
Data File : BG057360.D
Acq On : 9 May 2023 20:10
Operator : CG/JU
Sample : 02609-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREK6

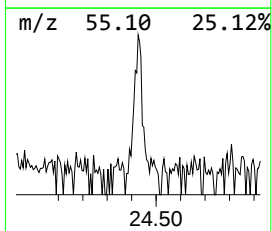
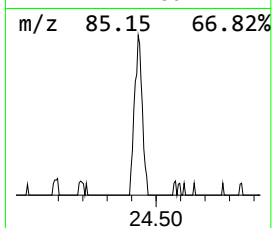
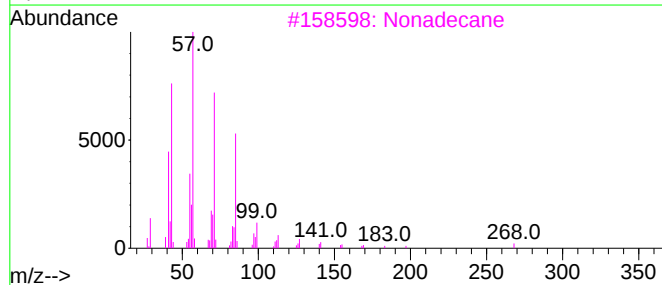
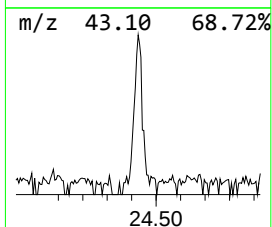
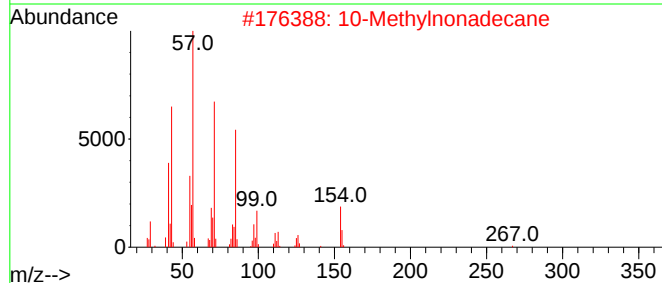
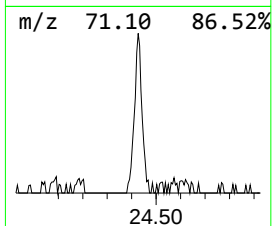
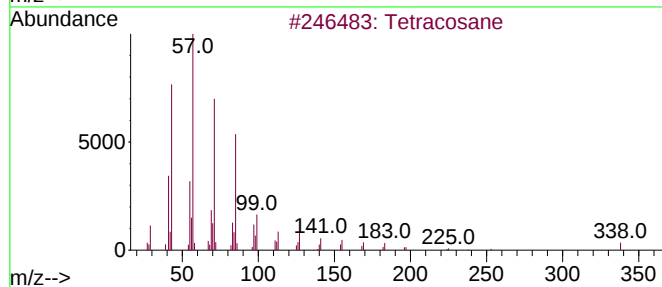
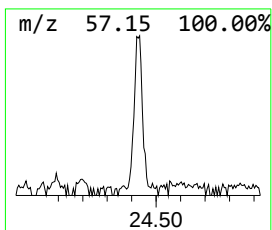
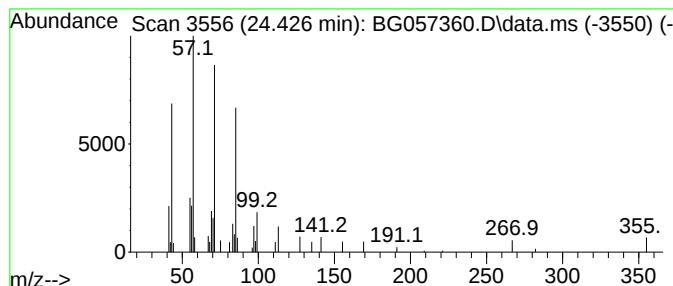
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.426	2.19 ng/ul	41969	Perylene-d12	25.537

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	87
2			10-Methylnonadecane	282	C20H42	056862-62-5	87
3			Nonadecane	268	C19H40	000629-92-5	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Pentacosane	352	C25H52	000629-99-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
Data File : BG057360.D
Acq On : 9 May 2023 20:10
Operator : CG/JU
Sample : 02609-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREK6

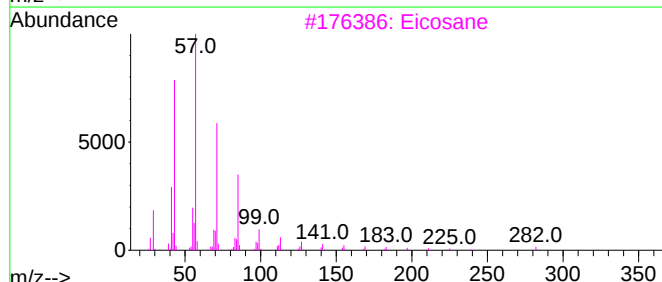
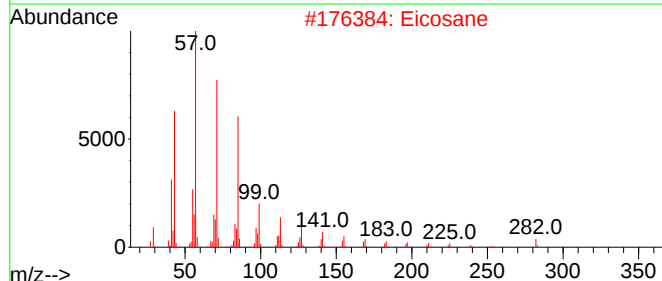
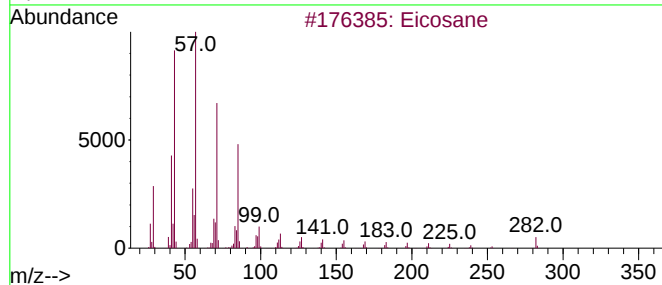
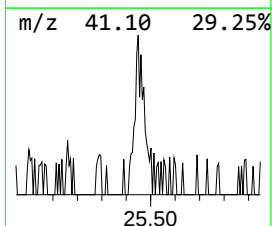
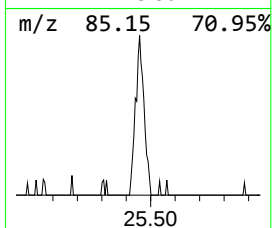
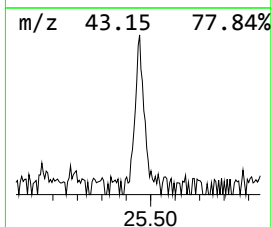
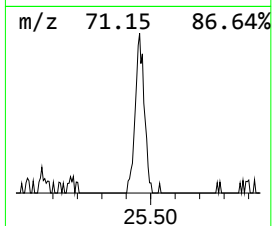
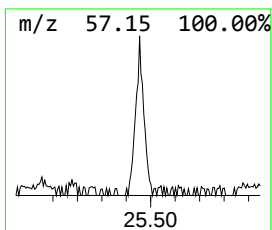
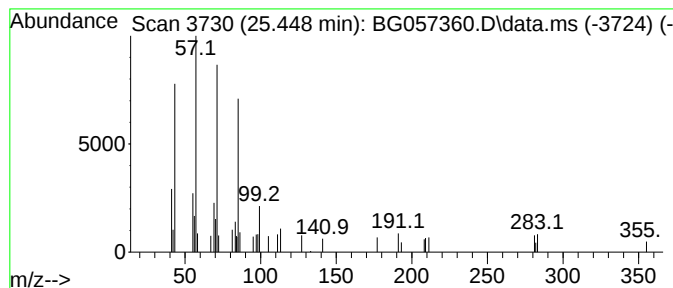
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.448	2.16 ng/ul	41414	Perylene-d12	25.537

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	95
2	Eicosane			282	C20H42	000112-95-8	94
3	Eicosane			282	C20H42	000112-95-8	87
4	Octadecane, 3-ethyl-5-(2-ethylbu...			366	C26H54	055282-12-7	86
5	Hexacosane			366	C26H54	000630-01-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
Data File : BG057360.D
Acq On : 9 May 2023 20:10
Operator : CG/JU
Sample : 02609-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREK6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	21.583	2.0	ng/u1	40358	5	22.029	400878	20.0
(DEL) Alkane: S...	22.165	2.3	ng/u1	45499	5	22.029	400878	20.0
(DEL) Alkane: S...	22.811	2.3	ng/u1	46377	5	22.029	400878	20.0
(DEL) Alkane: S...	23.557	2.5	ng/u1	49858	5	22.029	400878	20.0
(DEL) Alkane: S...	24.426	2.2	ng/u1	41969	6	25.537	383680	20.0
(DEL) Alkane: S...	25.448	2.2	ng/u1	41414	6	25.537	383680	20.0