

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030098.D
 Acq On : 20 May 2021 20:20
 Operator : CG/JU
 Sample : M2463-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB3Z4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	23	26	27	rBV	18147	18008	0.52%	0.050%
2	3.063	27	30	39	rVB	40165	70626	2.04%	0.198%
3	3.752	143	147	153	rVB2	9609	13306	0.38%	0.037%
4	3.905	169	173	186	rVB	22832	44887	1.30%	0.126%
5	4.675	302	304	308	rVB4	5151	6346	0.18%	0.018%
6	5.093	374	375	378	rBV3	3219	3813	0.11%	0.011%
7	5.375	420	423	425	rBV4	3769	3918	0.11%	0.011%
8	5.834	499	501	504	rVB4	3372	3557	0.10%	0.010%
9	5.934	515	518	525	rVB7	4115	7637	0.22%	0.021%
10	6.657	636	641	646	rBV	13959	19684	0.57%	0.055%
11	6.716	646	651	671	rBV	69770	182117	5.27%	0.510%
12	6.863	671	676	686	rBV	344615	630600	18.24%	1.765%
13	7.051	702	708	721	rBV	419177	744866	21.55%	2.085%
14	7.510	780	786	806	rBV	482742	867134	25.08%	2.427%
15	8.175	894	899	904	rBV5	4346	8396	0.24%	0.023%
16	8.234	904	909	929	rBV2	240626	523499	15.14%	1.465%
17	8.669	976	983	1007	rBV	463958	933088	26.99%	2.611%
18	8.898	1019	1022	1025	rVB	7913	9511	0.28%	0.027%
19	9.081	1048	1053	1059	rVB	20906	32241	0.93%	0.090%
20	9.387	1098	1105	1124	rBV	397836	774173	22.40%	2.167%
21	9.816	1174	1178	1185	rBV8	2667	5821	0.17%	0.016%
22	9.928	1190	1197	1223	rBV	393351	1022664	29.58%	2.862%
23	10.286	1246	1258	1276	rBV	697436	1262648	36.53%	3.534%
24	10.510	1291	1296	1298	rBV6	5248	11162	0.32%	0.031%
25	10.916	1360	1365	1375	rVB9	2809	9377	0.27%	0.026%
26	11.081	1388	1393	1398	rVB6	3913	6455	0.19%	0.018%
27	11.563	1469	1475	1481	rBV3	46968	82674	2.39%	0.231%
28	11.622	1481	1485	1489	rVB3	5542	8669	0.25%	0.024%
29	11.910	1529	1534	1542	rBV3	6097	13824	0.40%	0.039%
30	12.345	1598	1608	1609	rBV8	1751	3668	0.11%	0.010%
31	12.510	1631	1636	1641	rBV5	5821	10586	0.31%	0.030%
32	12.698	1661	1668	1675	rBV	49948	79174	2.29%	0.222%
33	12.769	1675	1680	1684	rVB2	8065	11525	0.33%	0.032%
34	13.075	1727	1732	1737	rVB5	8797	14357	0.42%	0.040%

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35	13.145	1737	1744	1750	rVB6	4046	8448	0.24%	0.024%
36	13.586	1812	1819	1825	rBV	1396119	1944271	56.24%	5.441%
37	13.633	1825	1827	1837	rVV	61598	107341	3.11%	0.300%
38	13.727	1840	1843	1851	rVB6	6805	12367	0.36%	0.035%
39	13.851	1858	1864	1883	rBV	1510654	2272200	65.73%	6.359%
40	14.086	1901	1904	1909	rBV5	4128	7551	0.22%	0.021%
41	14.163	1909	1917	1928	rBV	1171463	1711670	49.52%	4.790%
42	14.504	1965	1975	1982	rBV	9026	39287	1.14%	0.110%
43	14.639	1993	1998	1999	rBV5	2815	4448	0.13%	0.012%
44	14.933	2045	2048	2051	rBV5	3898	4755	0.14%	0.013%
45	14.980	2051	2056	2059	rBV	31008	38336	1.11%	0.107%
46	15.163	2080	2087	2105	rBV	1963417	2895417	83.76%	8.103%
47	15.304	2106	2111	2125	rVV	615329	985915	28.52%	2.759%
48	15.404	2125	2128	2143	rVB3	29499	64157	1.86%	0.180%
49	15.557	2148	2154	2157	rVB7	4110	7465	0.22%	0.021%
50	15.733	2182	2184	2189	rVB5	3302	3939	0.11%	0.011%
51	15.851	2199	2204	2205	rBV4	3002	3860	0.11%	0.011%
52	15.892	2209	2211	2217	rVV7	2689	4729	0.14%	0.013%
53	15.963	2217	2223	2230	rVB6	7003	13519	0.39%	0.038%
54	16.357	2284	2290	2296	rBV7	8716	19426	0.56%	0.054%
55	16.521	2314	2318	2322	rVB2	9221	11866	0.34%	0.033%
56	16.598	2328	2331	2335	rBV6	4738	4988	0.14%	0.014%
57	16.704	2344	2349	2352	rBV7	3790	6948	0.20%	0.019%
58	16.915	2378	2385	2395	rBV	1227549	1781599	51.54%	4.986%
59	17.010	2395	2401	2422	rVV	2135390	3162292	91.48%	8.850%
60	17.215	2435	2436	2441	rVB4	6107	5622	0.16%	0.016%
61	17.427	2469	2472	2475	rBV3	2700	3529	0.10%	0.010%
62	17.592	2496	2500	2505	rBV7	5755	7617	0.22%	0.021%
63	17.774	2527	2531	2535	rBV6	6084	9030	0.26%	0.025%
64	17.827	2535	2540	2549	rBV	341276	571557	16.53%	1.600%
65	18.109	2586	2588	2593	rVB6	6526	8480	0.25%	0.024%
66	18.333	2622	2626	2630	rBV6	4973	7064	0.20%	0.020%
67	18.509	2652	2656	2657	rBV4	4393	5993	0.17%	0.017%
68	18.586	2667	2669	2672	rBV4	3152	3525	0.10%	0.010%
69	18.951	2727	2731	2735	rBV	20792	31650	0.92%	0.089%
70	19.115	2754	2759	2769	rBV	326854	566975	16.40%	1.587%
71	19.309	2786	2792	2809	rVB	2503402	3427682	99.16%	9.593%

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72	20.827	3046	3050	3062	rBV2	201277	356576	10.32%	0.998%
73	21.103	3092	3097	3108	rBV	1118454	1646043	47.62%	4.607%
74	22.121	3267	3270	3277	rVB	113174	140762	4.07%	0.394%
75	22.603	3348	3352	3359	rBV	198846	261336	7.56%	0.731%
76	23.109	3432	3438	3451	rBV2	1692317	3456832	100.00%	9.675%
77	23.244	3455	3461	3472	rVB	832833	1597380	46.21%	4.471%
78	23.744	3541	3546	3553	rVB	292785	519800	15.04%	1.455%
79	24.444	3659	3665	3672	rVB	265020	546446	15.81%	1.529%

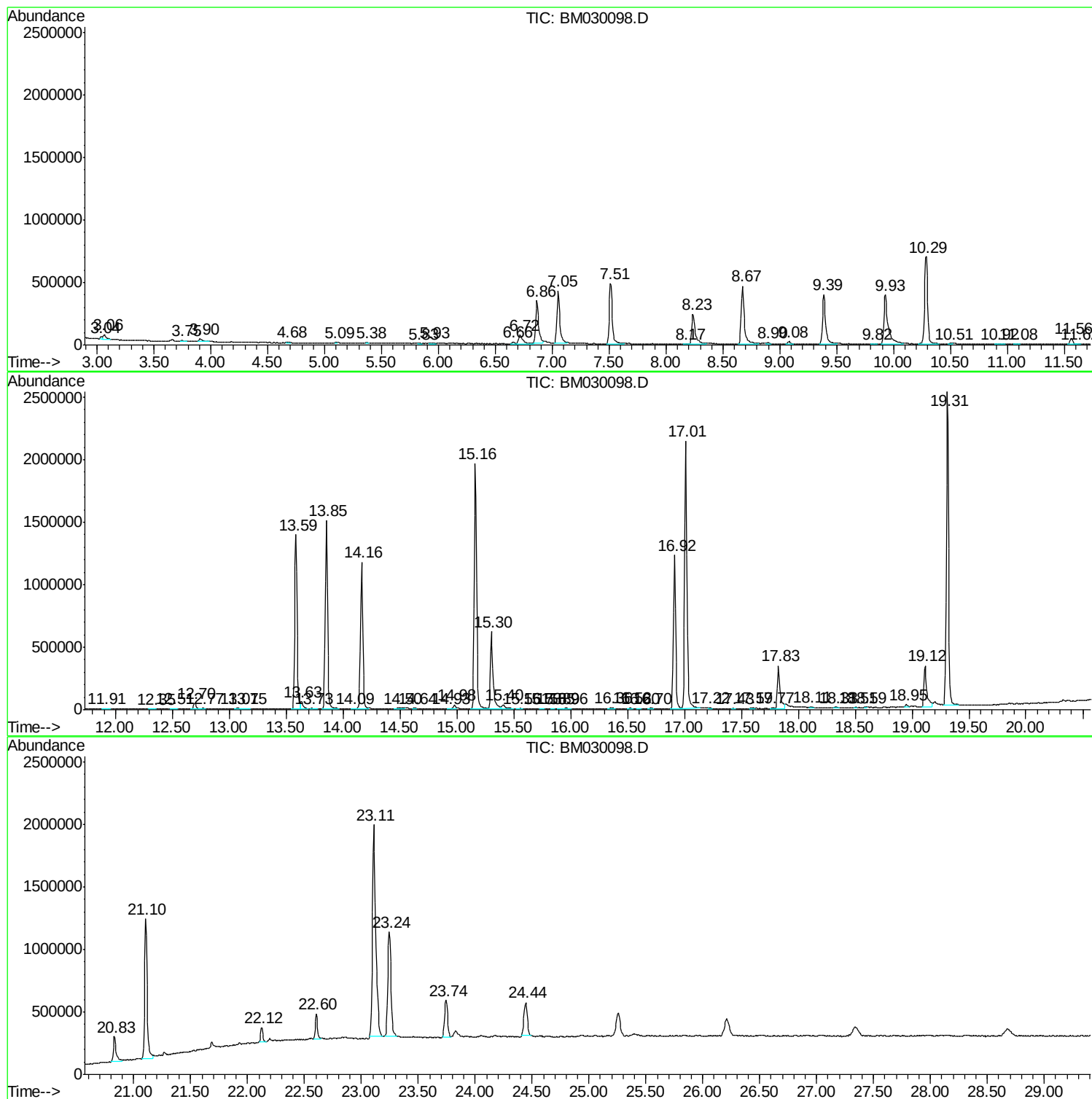
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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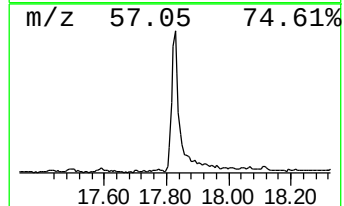
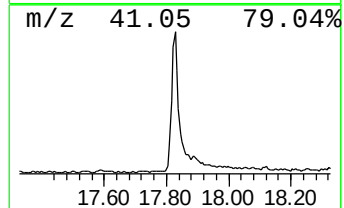
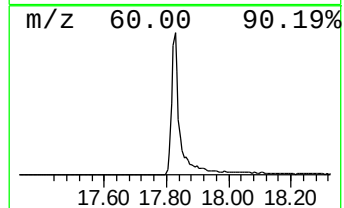
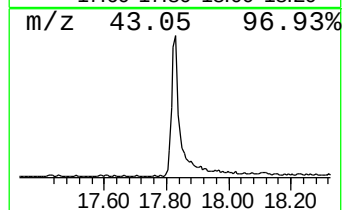
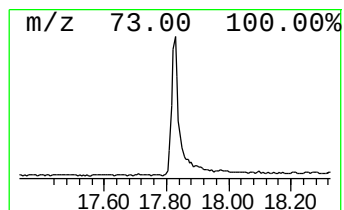
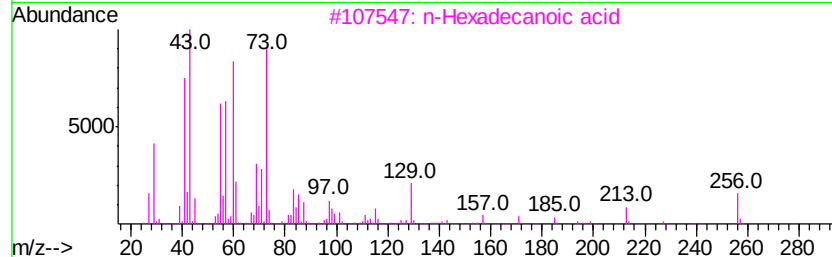
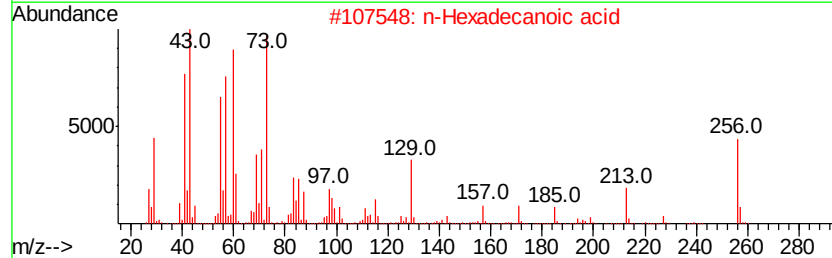
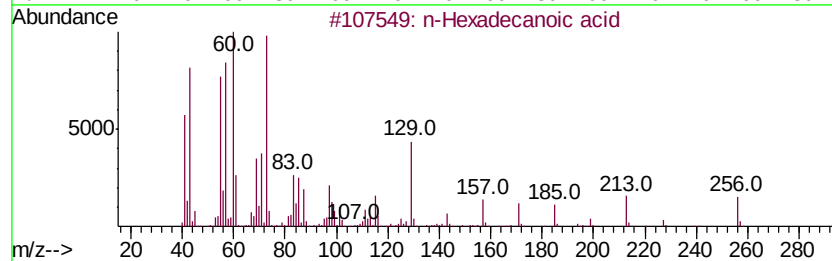
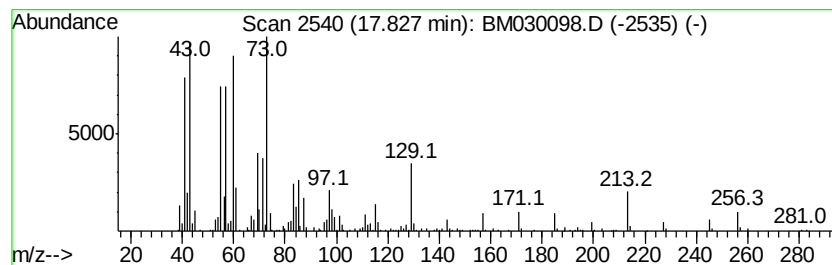
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.83	6.42 ng/ul	571557	Phenanthrene-d10		16.92		
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	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			Tridecanoic acid	214	C13H26O2	000638-53-9	95
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	93



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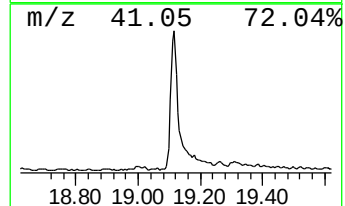
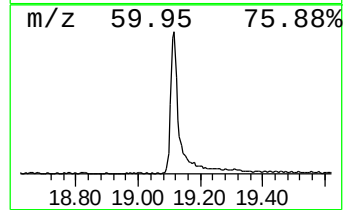
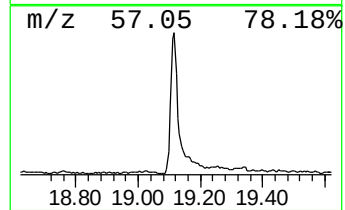
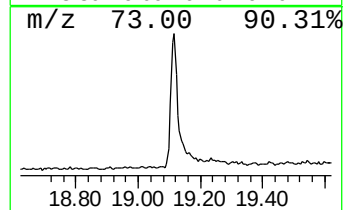
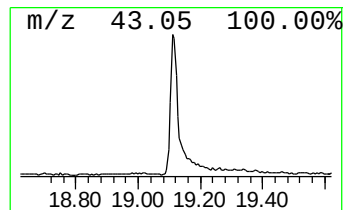
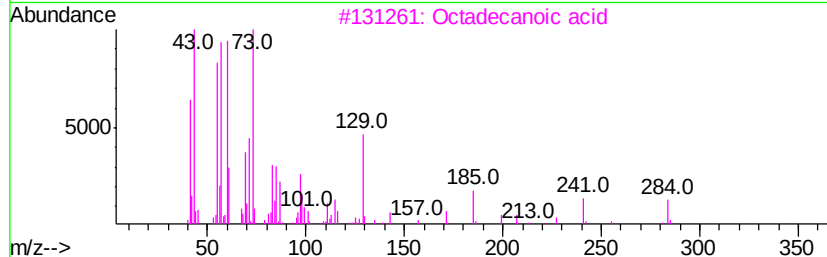
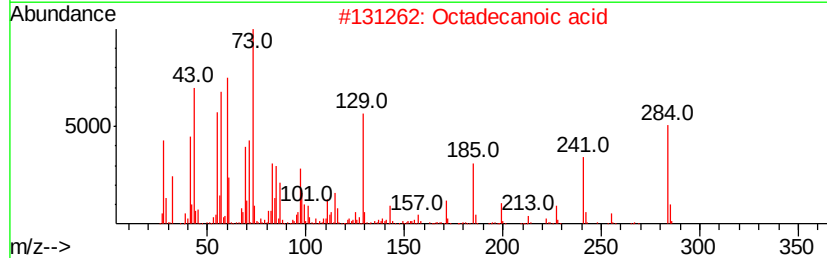
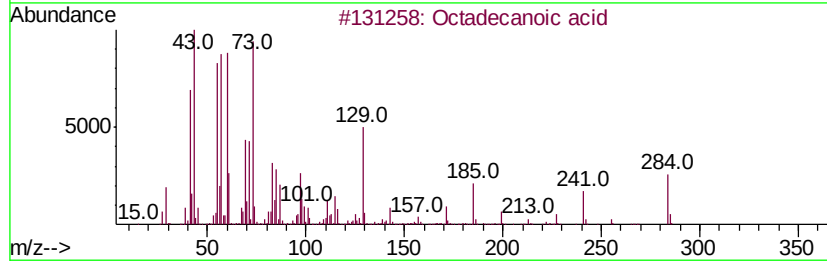
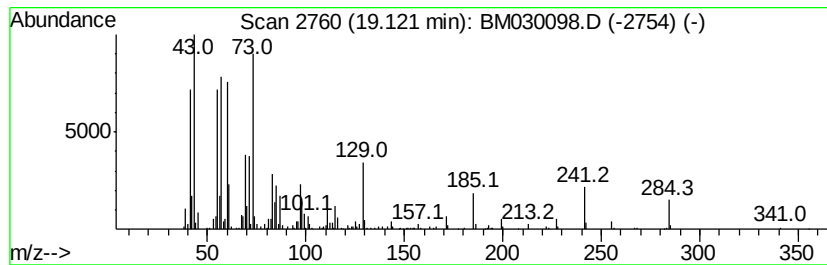
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	6.89 ng/ul	566975	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	97
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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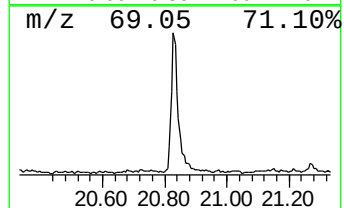
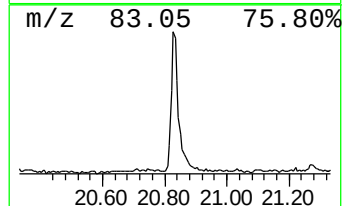
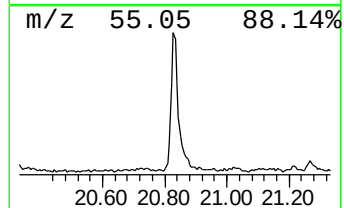
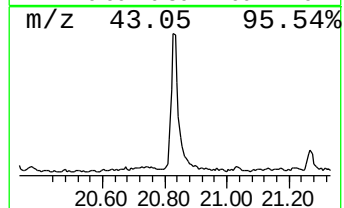
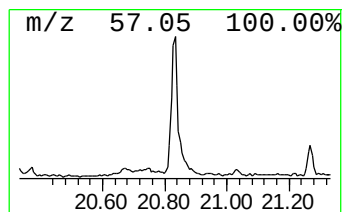
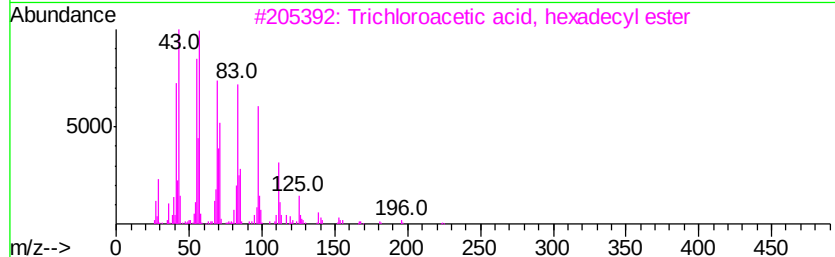
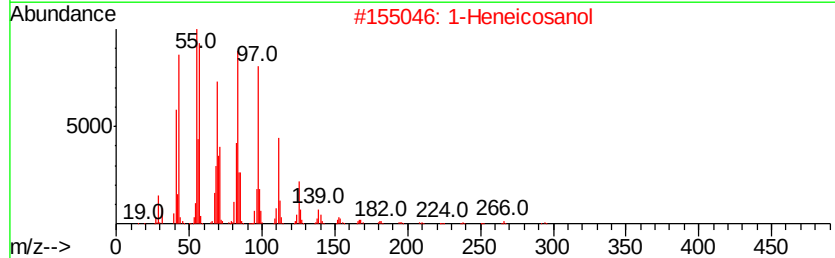
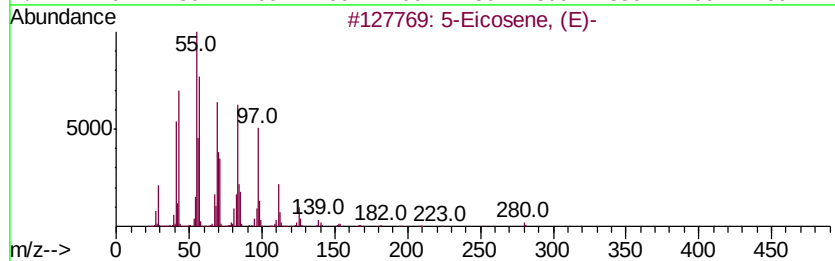
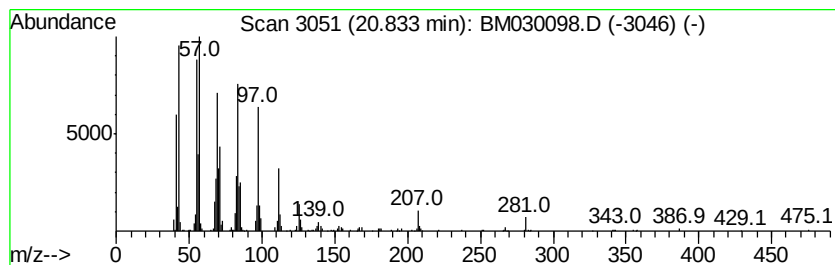
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.33 ng/ul	356576	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	93



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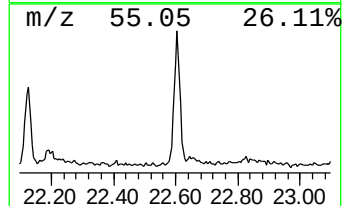
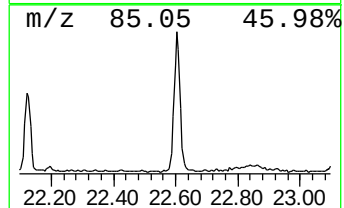
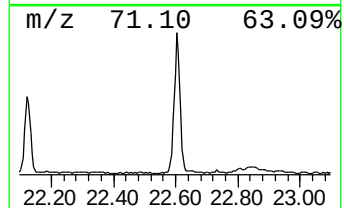
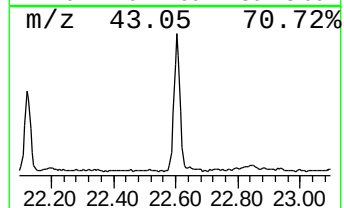
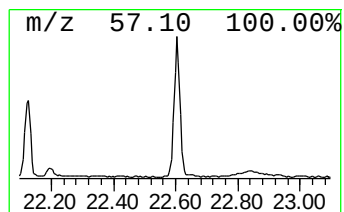
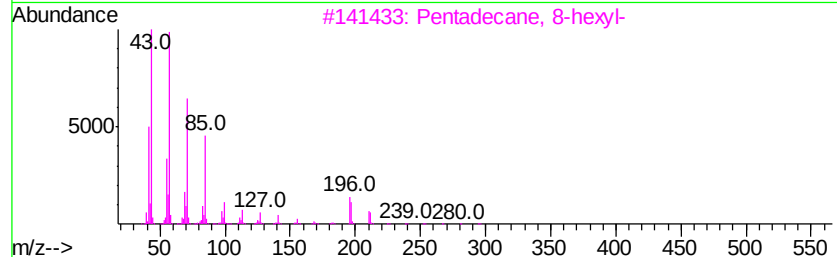
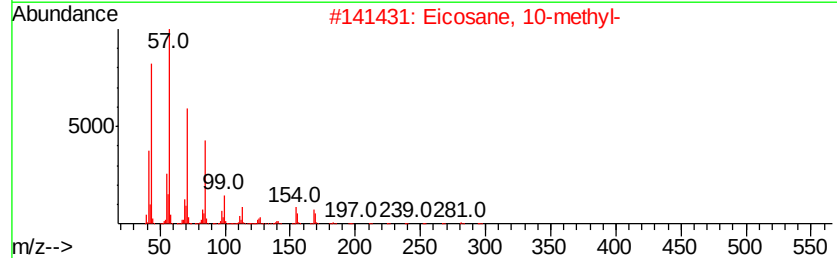
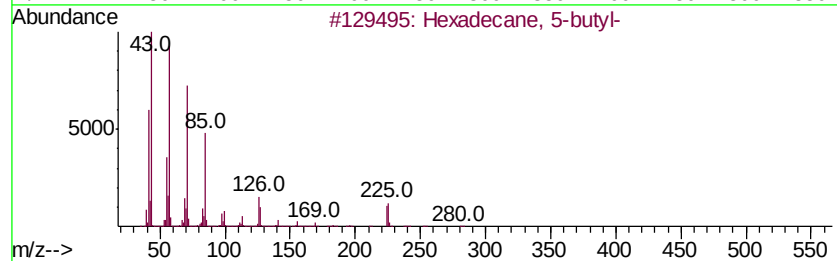
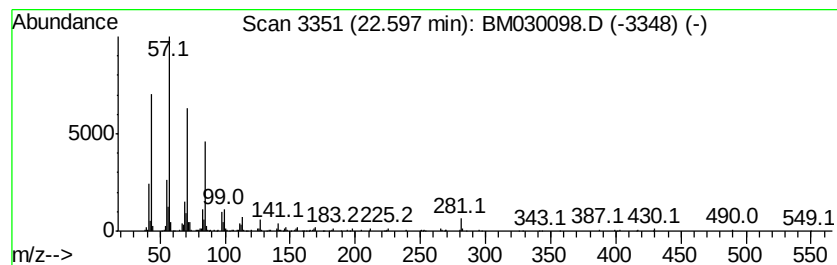
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	3.27 ng/ul	261336	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030098.D
Acq On : 20 May 2021 20:20
Operator : CG/JU
Sample : M2463-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3Z4

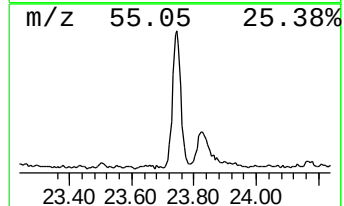
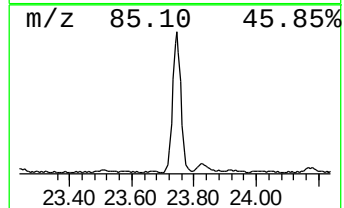
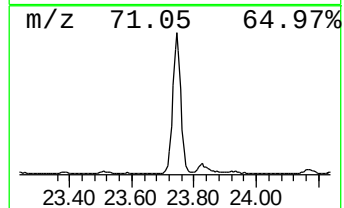
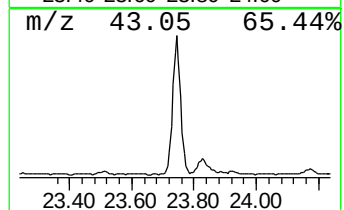
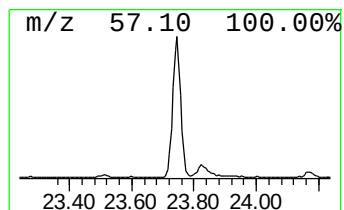
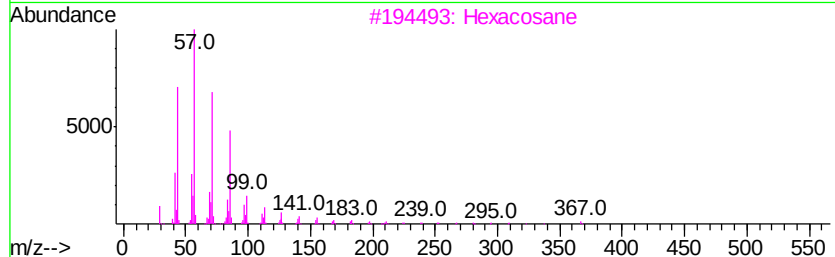
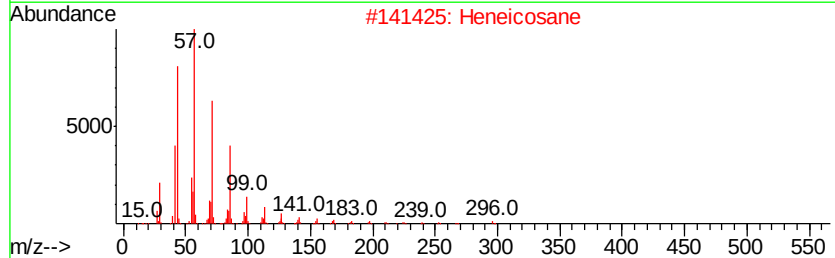
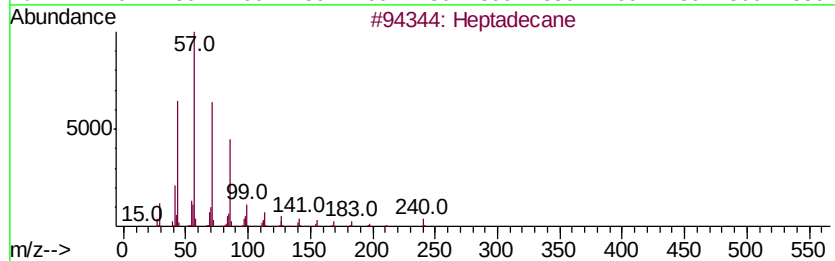
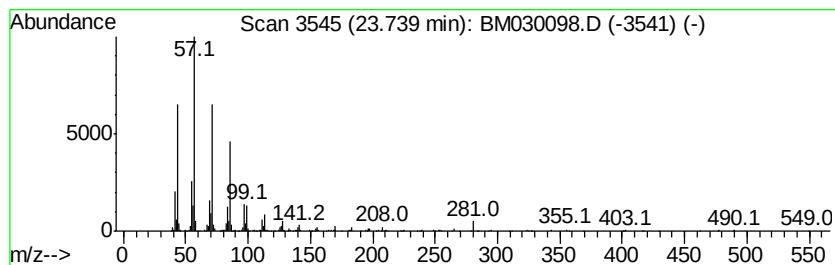
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	6.51 ng/ul	519800	Perylene-d12	23.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030098.D
Acq On : 20 May 2021 20:20
Operator : CG/JU
Sample : M2463-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3Z4

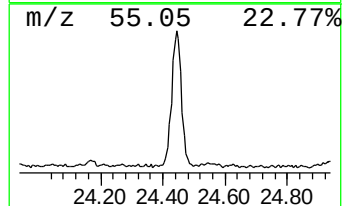
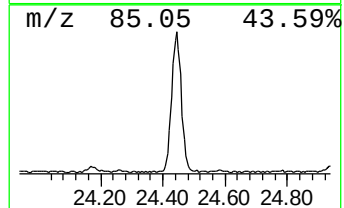
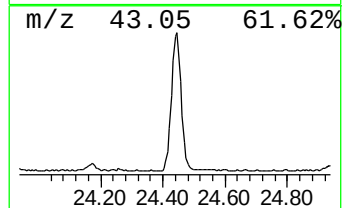
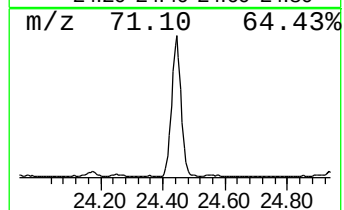
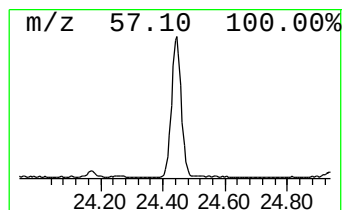
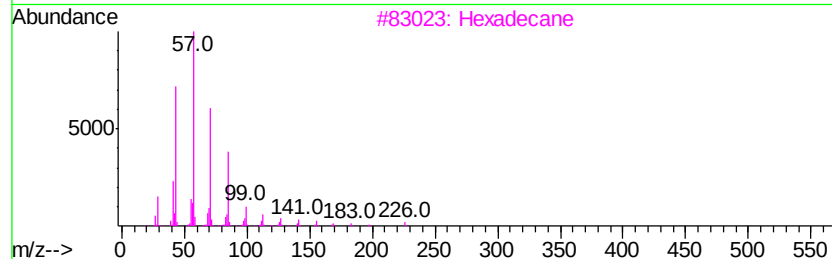
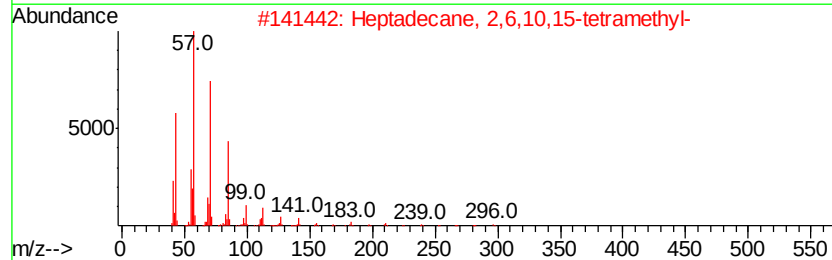
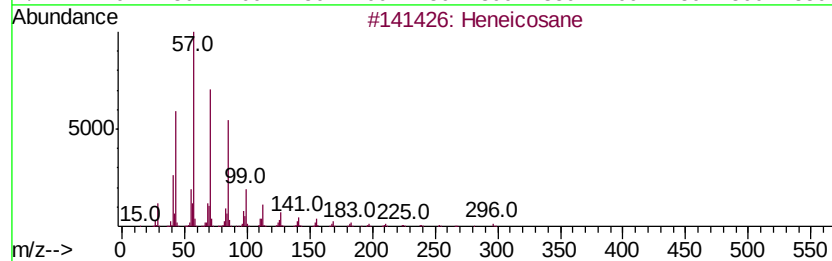
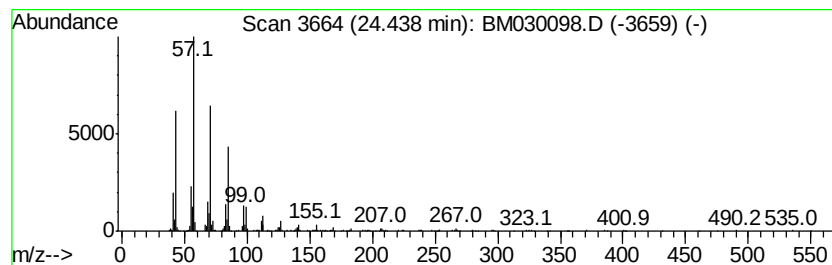
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.44	6.84 ng/ul	546446	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
3		Hexadecane	226	C16H34	000544-76-3	94
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052021\
Data File : BM030098.D
Acq On : 20 May 2021 20:20
Operator : CG/JU
Sample : M2463-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3Z4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.83	6.4	ng/ul	571557	4	16.92	1781600	20.0
Octadecanoic acid	19.12	6.9	ng/ul	566975	5	21.10	1646040	20.0
(DEL) Alkane: Str...	20.83	4.3	ng/ul	356576	5	21.10	1646040	20.0
(DEL) Alkane: Str...	22.60	3.3	ng/ul	261336	6	23.24	1597380	20.0
(DEL) Alkane: Str...	23.74	6.5	ng/ul	519800	6	23.24	1597380	20.0
(DEL) Alkane: Str...	24.44	6.8	ng/ul	546446	6	23.24	1597380	20.0