

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
 Data File : BM029889.D
 Acq On : 07 May 2021 23:22
 Operator : CG/JU
 Sample : M2161-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AQ2

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	6.745	651	656	673	rVB2	129573	287661	4.62%	0.577%
2	6.904	677	683	696	rBV	459626	826790	13.29%	1.657%
3	7.092	708	715	729	rBV	566468	979156	15.74%	1.962%
4	7.557	787	794	805	rBV	493170	850260	13.67%	1.704%
5	8.275	910	916	934	rBV	363234	708570	11.39%	1.420%
6	8.710	983	990	1007	rBV	635326	1165149	18.73%	2.335%
7	9.122	1057	1060	1069	rVB2	10688	18843	0.30%	0.038%
8	9.427	1104	1112	1133	rBV	546916	1005574	16.17%	2.015%
9	9.963	1195	1203	1226	rBV	649108	1399087	22.49%	2.804%
10	10.327	1258	1265	1280	rBV	766603	1324941	21.30%	2.655%
11	10.516	1291	1297	1300	rBV7	10847	24887	0.40%	0.050%
12	11.616	1478	1484	1491	rBV2	8488	13632	0.22%	0.027%
13	11.945	1534	1540	1548	rBV2	8889	18962	0.30%	0.038%
14	12.810	1681	1687	1692	rBV7	4278	7198	0.12%	0.014%
15	13.033	1721	1725	1732	rBV4	8525	15493	0.25%	0.031%
16	13.104	1732	1737	1745	rVV2	36515	62607	1.01%	0.125%
17	13.621	1819	1825	1830	rBV	1940478	2639186	42.43%	5.289%
18	13.668	1830	1833	1842	rVB	147710	227455	3.66%	0.456%
19	13.892	1863	1871	1884	rBV	2158207	3090842	49.69%	6.194%
20	14.115	1906	1909	1917	rVB4	8124	13869	0.22%	0.028%
21	14.204	1917	1924	1935	rBV	1291480	1901559	30.57%	3.811%
22	14.457	1960	1967	1982	rBV4	39717	157174	2.53%	0.315%
23	14.651	1996	2000	2007	rVB9	5565	9781	0.16%	0.020%
24	15.039	2056	2066	2069	rBV2	10062	20398	0.33%	0.041%
25	15.068	2069	2071	2076	rVB2	6632	8839	0.14%	0.018%
26	15.198	2087	2093	2111	rBV	2732181	4009257	64.45%	8.035%
27	15.333	2111	2116	2129	rVV	937738	1380907	22.20%	2.767%
28	15.439	2130	2134	2147	rVB2	33048	69010	1.11%	0.138%
29	15.574	2153	2157	2161	rVB7	4182	6859	0.11%	0.014%
30	15.762	2185	2189	2197	rBV9	6858	16469	0.26%	0.033%
31	15.886	2208	2210	2215	rVB5	7339	8722	0.14%	0.017%
32	15.933	2215	2218	2221	rBV4	6621	9031	0.15%	0.018%
33	15.992	2223	2228	2232	rVB5	15967	24686	0.40%	0.049%
34	16.109	2242	2248	2253	rBV7	6713	12240	0.20%	0.025%

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Max Peaks: 100
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35	16.192	2257	2262	2269	rVB	22181	30680	0.49%	0.061%
36	16.345	2286	2288	2293	rVB6	6039	7159	0.12%	0.014%
37	16.503	2309	2315	2320	rVB8	5500	10775	0.17%	0.022%
38	16.627	2333	2336	2341	rVB7	5228	7121	0.11%	0.014%
39	16.698	2342	2348	2350	rBV5	4356	6485	0.10%	0.013%
40	16.733	2350	2354	2358	rBV5	6986	12499	0.20%	0.025%
41	16.951	2384	2391	2401	rBV	1539416	2263030	36.38%	4.535%
42	17.051	2401	2408	2422	rVV	2997374	4503707	72.40%	9.026%
43	17.250	2440	2442	2449	rVB8	6202	9427	0.15%	0.019%
44	17.621	2502	2505	2510	rBV7	9058	13038	0.21%	0.026%
45	17.862	2540	2546	2555	rBV	237083	411755	6.62%	0.825%
46	18.156	2590	2596	2599	rBV8	7703	11618	0.19%	0.023%
47	18.345	2625	2628	2632	rVV5	7297	11581	0.19%	0.023%
48	18.797	2701	2705	2709	rVB4	18726	27464	0.44%	0.055%
49	18.980	2732	2736	2739	rBV	36634	51696	0.83%	0.104%
50	19.015	2739	2742	2746	rVB	35041	47484	0.76%	0.095%
51	19.145	2759	2764	2774	rBV2	160574	276383	4.44%	0.554%
52	19.233	2775	2779	2786	rVB	37083	64861	1.04%	0.130%
53	19.344	2792	2798	2815	rBV	4433358	5890012	94.69%	11.804%
54	20.862	3051	3056	3071	rBV	378648	713674	11.47%	1.430%
55	21.133	3097	3102	3116	rBV	1976536	2802460	45.05%	5.616%
56	21.297	3128	3130	3136	rVB2	43769	49080	0.79%	0.098%
57	21.715	3199	3201	3205	rBV2	69467	94641	1.52%	0.190%
58	22.162	3274	3277	3282	rVB	148873	181576	2.92%	0.364%
59	22.644	3355	3359	3364	rBV2	242115	336639	5.41%	0.675%
60	23.156	3439	3446	3460	rVB	3305775	6220319	100.00%	12.466%
61	23.291	3463	3469	3481	rVB	1431145	2631445	42.30%	5.274%
62	23.797	3551	3555	3563	rVB	263322	469231	7.54%	0.940%
63	24.503	3671	3675	3683	rVB	210956	426855	6.86%	0.855%

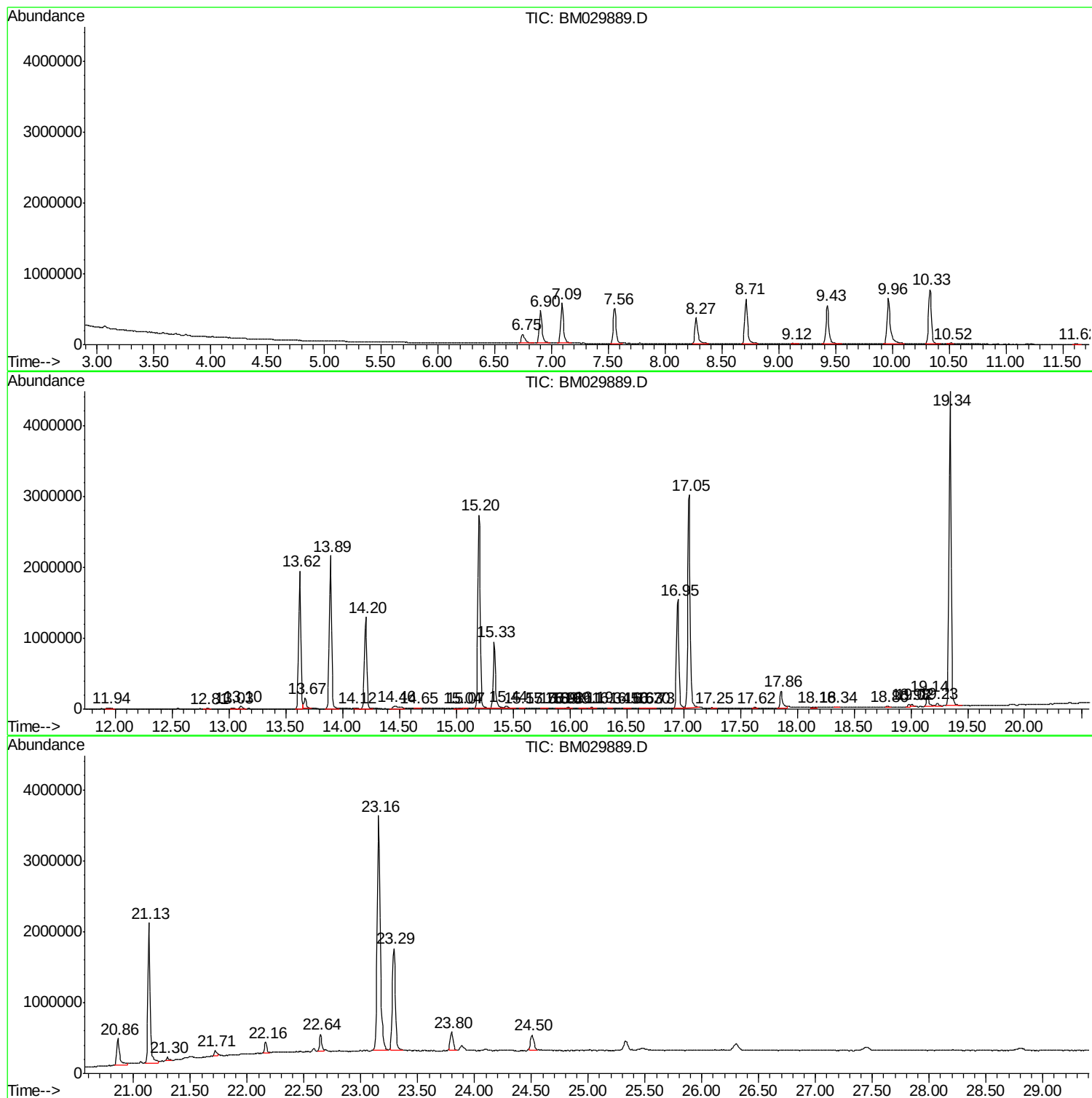
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Quant Title : SVOA CALIBRATION

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



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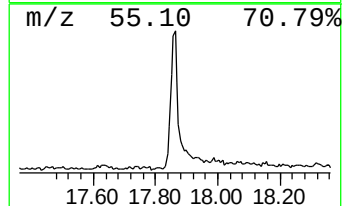
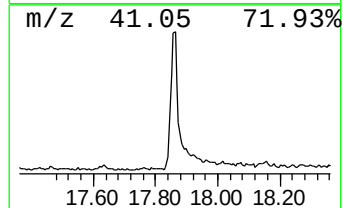
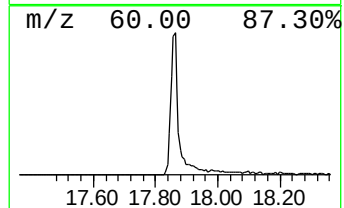
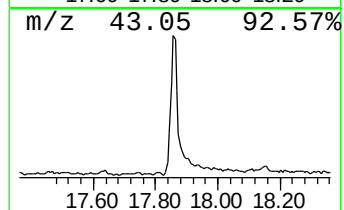
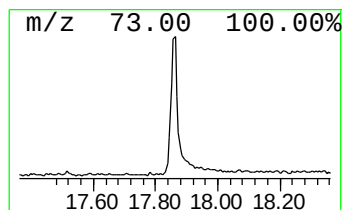
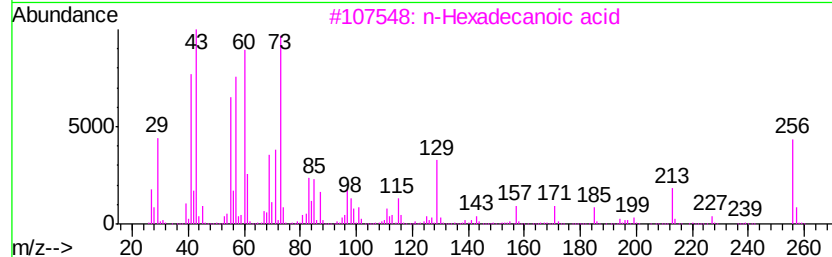
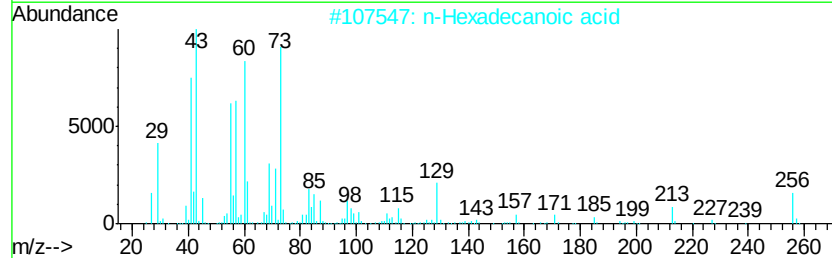
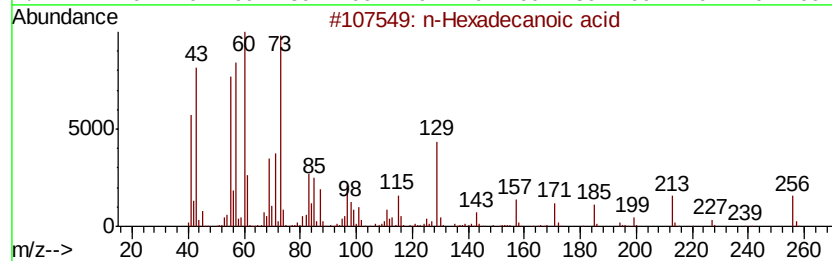
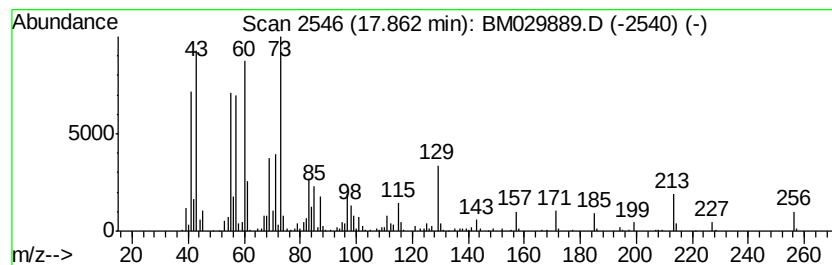
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.64 ng/ul	411755	Phenanthrene-d10	16.95

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	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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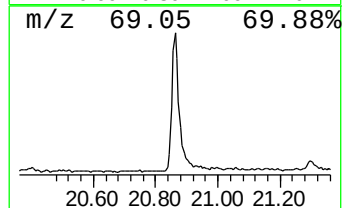
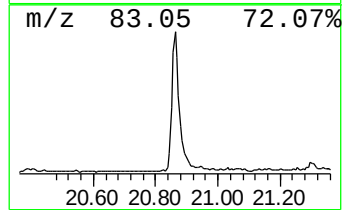
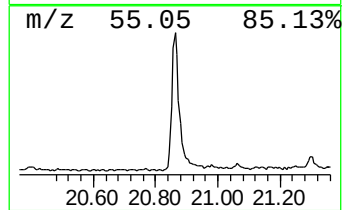
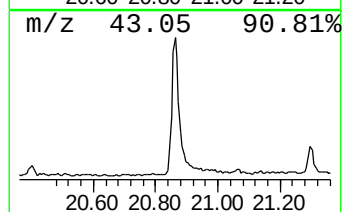
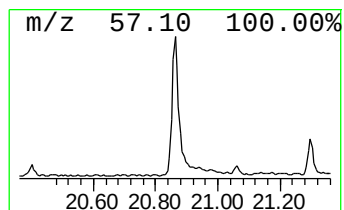
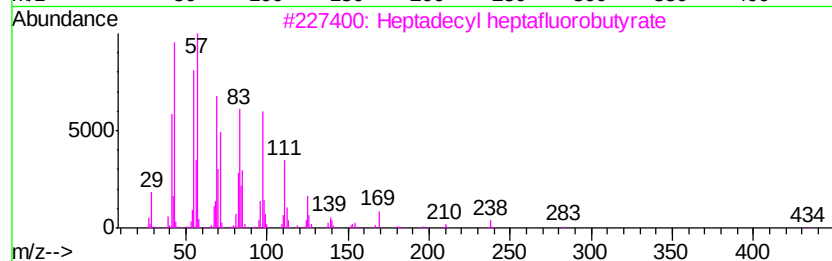
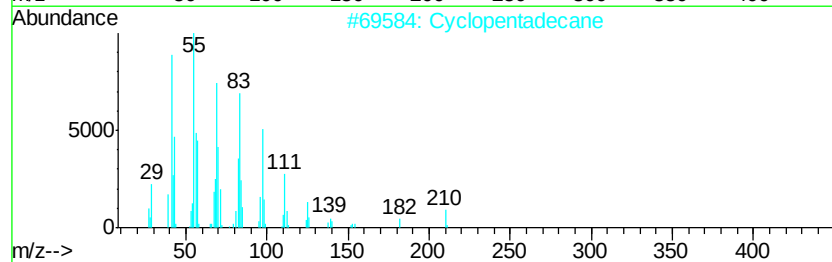
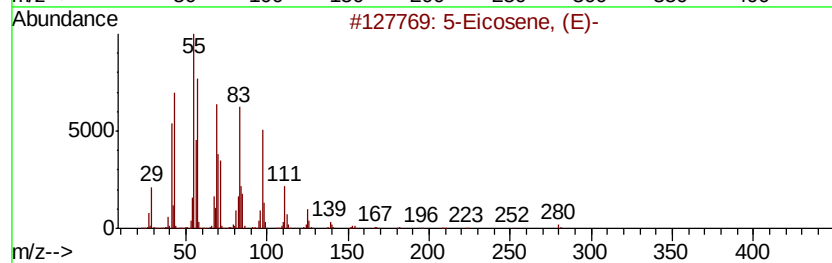
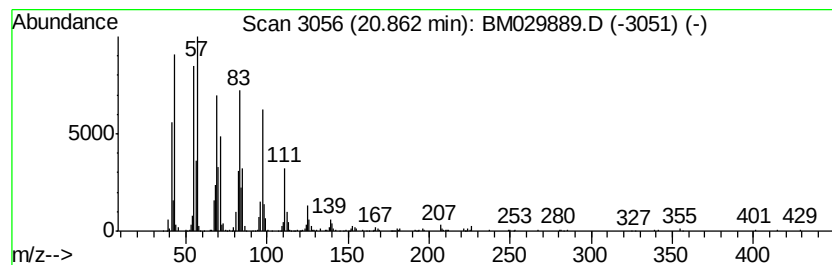
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.86	5.09 ng/ul	713674	Chrysene-d12		21.13	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		Cyclopentadecane	210	C15H30	000295-48-7	97
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
4		Cyclotetracosane	336	C24H48	000297-03-0	94
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94



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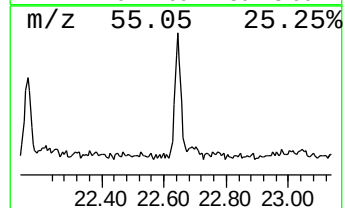
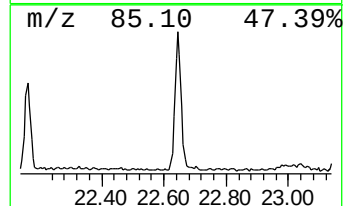
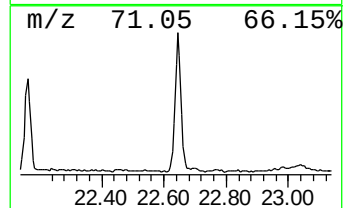
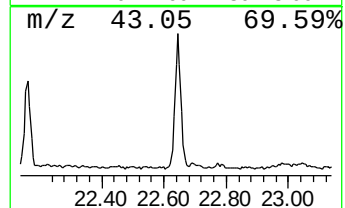
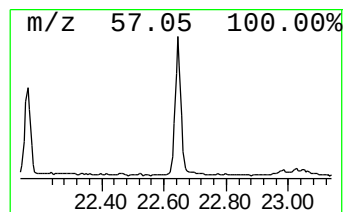
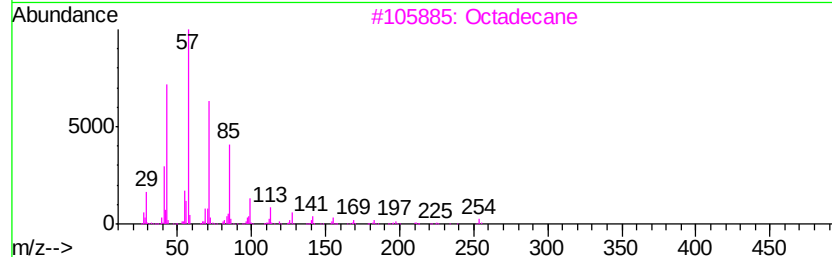
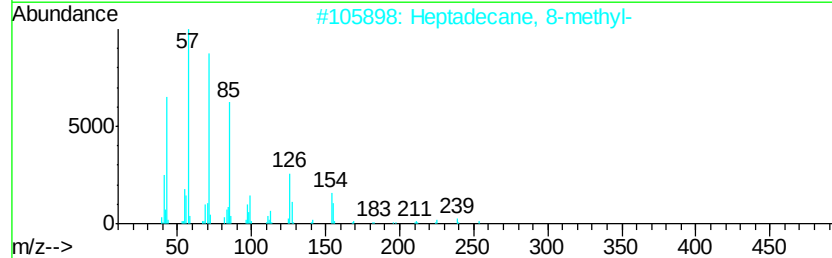
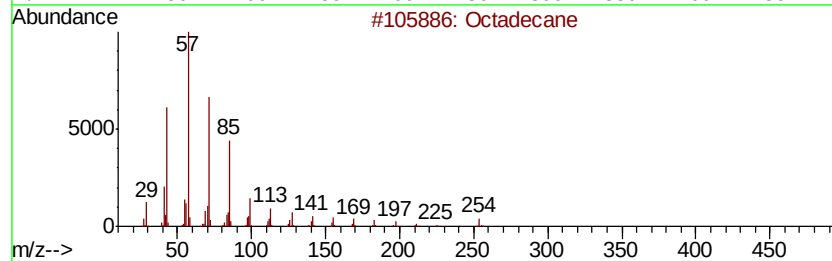
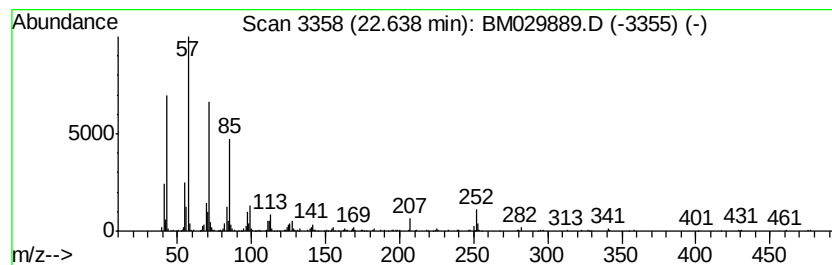
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.64	2.56 ng/ul	336639	Perylene-d12	23.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3	Octadecane	254	C18H38	000593-45-3	89
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hexacosane	366	C26H54	000630-01-3	87



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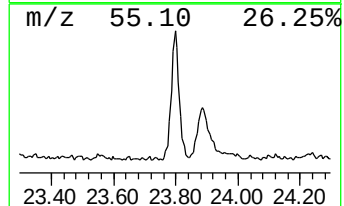
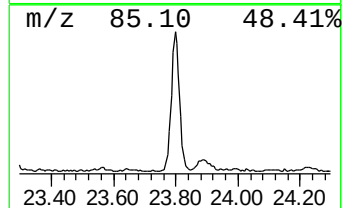
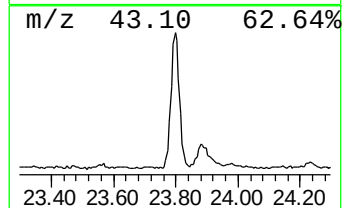
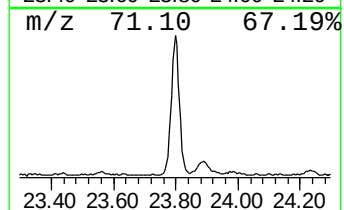
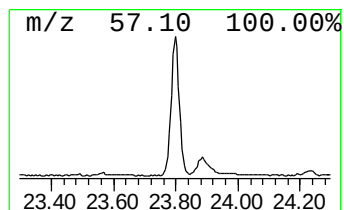
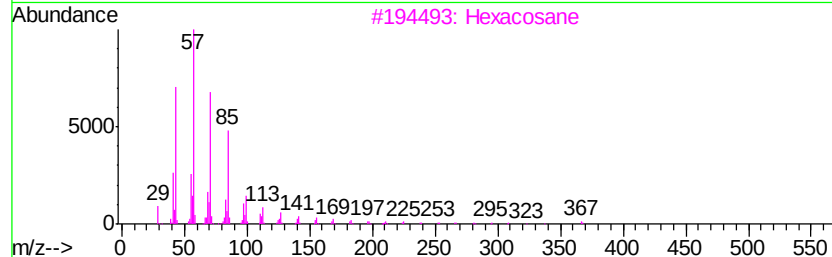
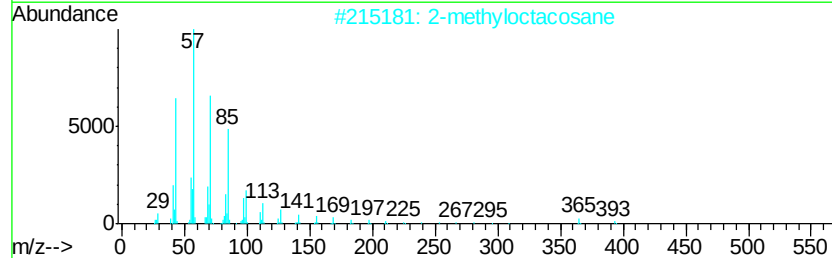
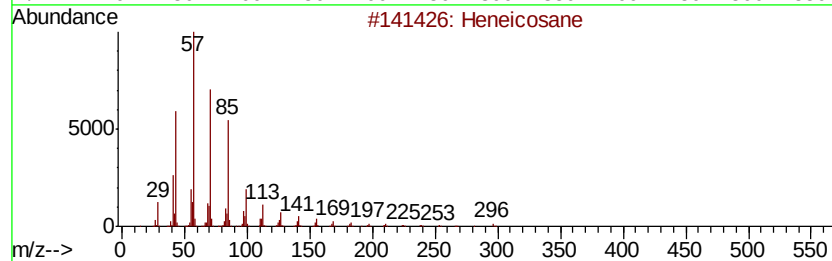
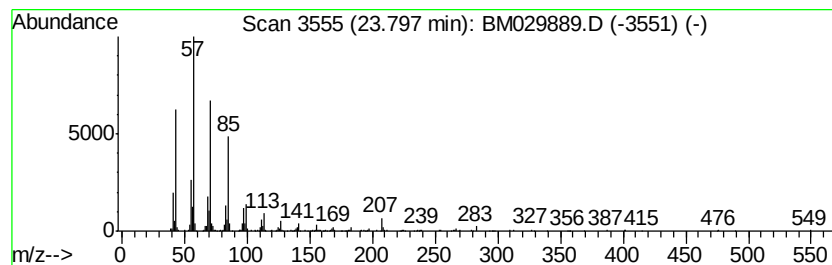
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	3.57 ng/ul	469231	Perylene-d12	23.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			2-methyloctacosane	408	C29H60	1000376-72-8	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Tetracosane	338	C24H50	000646-31-1	87
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



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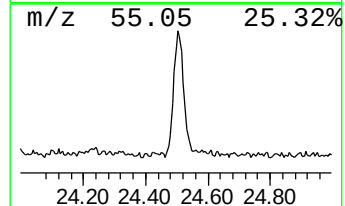
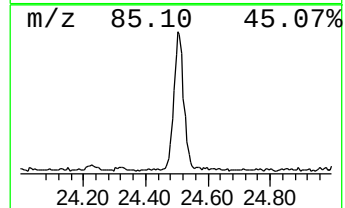
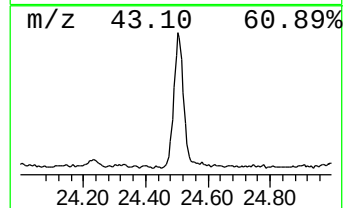
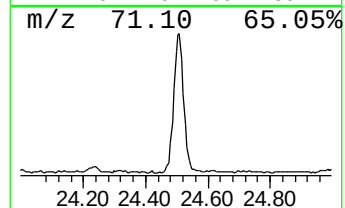
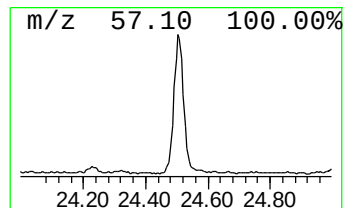
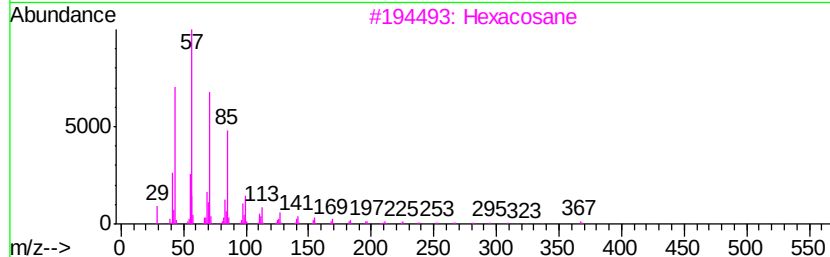
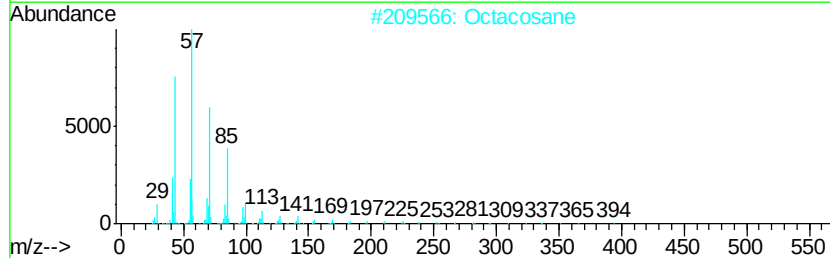
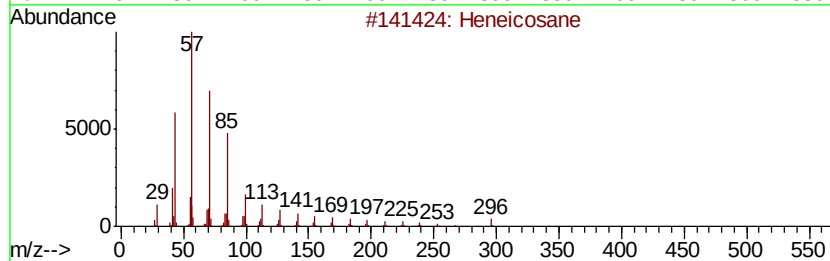
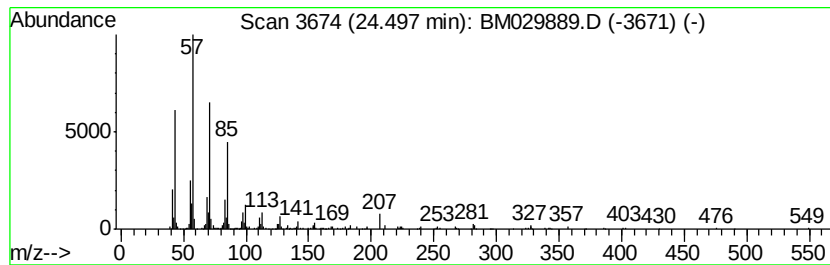
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	3.24 ng/ul	426855	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050721\
Data File : BM029889.D
Acq On : 07 May 2021 23:22
Operator : CG/JU
Sample : M2161-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AQ2

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	17.86	3.6	ng/ul	411755	4	16.95	2263030	20.0
(DEL) Alkane: Str...	20.86	5.1	ng/ul	713674	5	21.13	2802460	20.0
(DEL) Alkane: Str...	22.64	2.6	ng/ul	336639	6	23.29	2631450	20.0
(DEL) Alkane: Str...	23.80	3.6	ng/ul	469231	6	23.29	2631450	20.0
(DEL) Alkane: Str...	24.50	3.2	ng/ul	426855	6	23.29	2631450	20.0