

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050721\
 Data File : BM029880.D
 Acq On : 07 May 2021 17:20
 Operator : CG/JU
 Sample : M2129-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0AB9

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	3.069	28	31	36	rVB2	19097	22950	0.17%	0.041%
2	3.516	104	107	116	rBV	51962	140956	1.04%	0.253%
3	3.693	133	137	147	rVB	31265	53661	0.40%	0.096%
4	3.887	167	170	175	rVB5	10672	16150	0.12%	0.029%
5	4.693	303	307	313	rBV	26470	42929	0.32%	0.077%
6	5.963	520	523	533	rVB6	9333	16643	0.12%	0.030%
7	6.745	650	656	673	rBV	265642	556554	4.12%	0.997%
8	6.904	677	683	695	rBV	227244	417604	3.10%	0.748%
9	7.092	709	715	727	rBV	329693	576265	4.27%	1.033%
10	7.557	787	794	808	rBV	454202	783113	5.80%	1.403%
11	8.275	911	916	934	rBV	252772	519267	3.85%	0.930%
12	8.716	984	991	1008	rBV	291825	566821	4.20%	1.016%
13	9.428	1106	1112	1129	rBV	237463	475783	3.53%	0.852%
14	9.969	1197	1204	1224	rBV	346420	757794	5.62%	1.358%
15	10.333	1258	1266	1284	rBV	700216	1247537	9.25%	2.235%
16	10.486	1284	1292	1316	rBV	215269	578806	4.29%	1.037%
17	10.880	1352	1359	1366	rVB3	23450	43671	0.32%	0.078%
18	12.233	1586	1589	1598	rVB3	8535	14502	0.11%	0.026%
19	13.033	1719	1725	1731	rBV7	8540	17000	0.13%	0.030%
20	13.110	1731	1738	1743	rVV2	17062	28630	0.21%	0.051%
21	13.527	1803	1809	1813	rBV5	8120	15153	0.11%	0.027%
22	13.621	1820	1825	1831	rVV	1058062	1506836	11.17%	2.700%
23	13.674	1831	1834	1842	rVB	106803	165163	1.22%	0.296%
24	13.892	1864	1871	1885	rBV	1129945	1730380	12.82%	3.100%
25	14.115	1906	1909	1915	rVB3	10236	14767	0.11%	0.026%
26	14.204	1917	1924	1934	rVV	1215566	1739782	12.89%	3.117%
27	14.445	1959	1965	1987	rBV2	111223	434216	3.22%	0.778%
28	15.074	2069	2072	2079	rVB3	12408	14873	0.11%	0.027%
29	15.204	2087	2094	2110	rBV	1556338	2337073	17.32%	4.188%
30	15.333	2111	2116	2129	rVV	410506	680429	5.04%	1.219%
31	15.445	2132	2135	2139	rVV4	20858	34492	0.26%	0.062%
32	15.698	2172	2178	2188	rVB10	6450	15288	0.11%	0.027%
33	15.957	2219	2222	2226	rVB2	21380	28948	0.21%	0.052%
34	16.192	2258	2262	2266	rVB	15232	19063	0.14%	0.034%

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35	16.692	2342	2347	2350	rBV5	11080	20105	0.15%	0.036%
36	16.733	2350	2354	2358	rVV4	14779	23688	0.18%	0.042%
37	16.780	2358	2362	2366	rVB4	9745	13885	0.10%	0.025%
38	16.951	2385	2391	2397	rBV	1454319	2102764	15.58%	3.768%
39	17.051	2402	2408	2421	rVV	1838507	2783756	20.63%	4.988%
40	17.156	2424	2426	2433	rVB6	12684	19690	0.15%	0.035%
41	17.251	2438	2442	2446	rVV2	11466	15144	0.11%	0.027%
42	17.456	2475	2477	2482	rBV3	10829	13559	0.10%	0.024%
43	17.745	2520	2526	2531	rBV4	13983	24513	0.18%	0.044%
44	17.862	2534	2546	2555	rBV2	208990	377422	2.80%	0.676%
45	18.021	2569	2573	2578	rBV7	11307	22569	0.17%	0.040%
46	18.151	2586	2595	2604	rBV6	29736	97992	0.73%	0.176%
47	18.227	2606	2608	2613	rVB6	9085	13669	0.10%	0.024%
48	18.615	2670	2674	2679	rVB	39287	46779	0.35%	0.084%
49	18.792	2701	2704	2711	rVB3	17793	25807	0.19%	0.046%
50	18.898	2717	2722	2728	rBV2	30708	59025	0.44%	0.106%
51	18.980	2733	2736	2737	rBV	19408	17390	0.13%	0.031%
52	19.015	2737	2742	2747	rVB	84531	136152	1.01%	0.244%
53	19.150	2760	2765	2772	rBV3	69879	124477	0.92%	0.223%
54	19.233	2775	2779	2786	rVB2	27255	45018	0.33%	0.081%
55	19.345	2792	2798	2807	rBV	2695969	3666296	27.17%	6.569%
56	19.415	2807	2810	2814	rVB6	24335	34970	0.26%	0.063%
57	19.880	2886	2889	2891	rBV3	23377	28579	0.21%	0.051%
58	19.909	2891	2894	2898	rVB2	36728	41623	0.31%	0.075%
59	20.403	2975	2978	2981	rVB2	29158	31513	0.23%	0.056%
60	20.862	3052	3056	3066	rBV	566287	907252	6.72%	1.626%
61	21.139	3097	3103	3113	rBV	1906254	2697929	20.00%	4.834%
62	21.303	3128	3131	3135	rBV2	56534	62905	0.47%	0.113%
63	21.738	3198	3205	3222	rBV2	684078	1496511	11.09%	2.681%
64	22.162	3274	3277	3281	rBV	107594	133548	0.99%	0.239%
65	22.386	3312	3315	3321	rVB3	98123	119351	0.88%	0.214%
66	22.650	3355	3360	3364	rBV	716638	997093	7.39%	1.787%
67	22.697	3365	3368	3378	rVB3	172904	326994	2.42%	0.586%
68	23.156	3440	3446	3459	rVV2	2007098	3986375	29.55%	7.143%
69	23.291	3463	3469	3488	rVB2	1436172	2751371	20.39%	4.930%
70	23.485	3499	3502	3510	rVB4	126676	211753	1.57%	0.379%
71	23.803	3551	3556	3563	rVB	463352	862175	6.39%	1.545%

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72	24.509	3671	3676	3692	rVB	264338	652346	4.83%	1.169%
73	26.915	4077	4085	4104	rBV2	476475	1712913	12.70%	3.069%
74	29.291	4474	4489	4505	rVB2	3178632	13492458	100.00%	24.176%

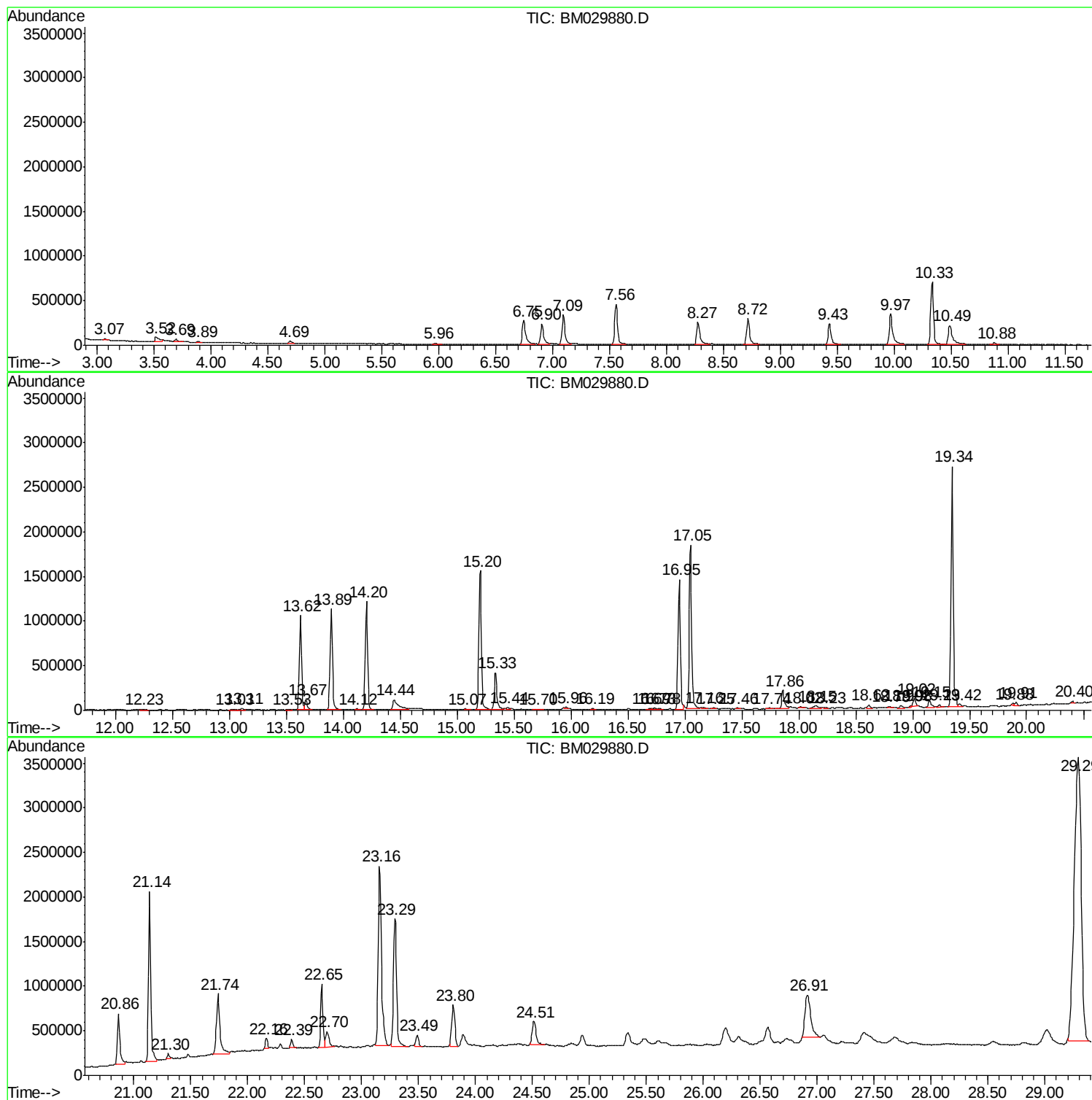
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



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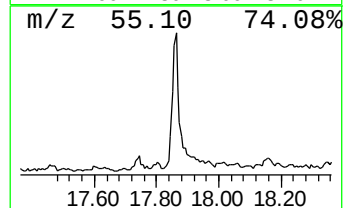
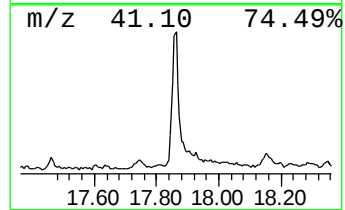
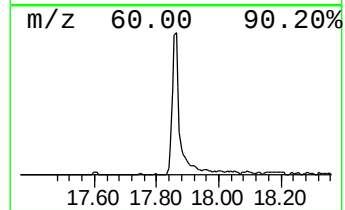
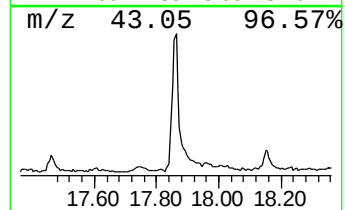
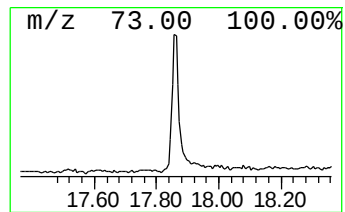
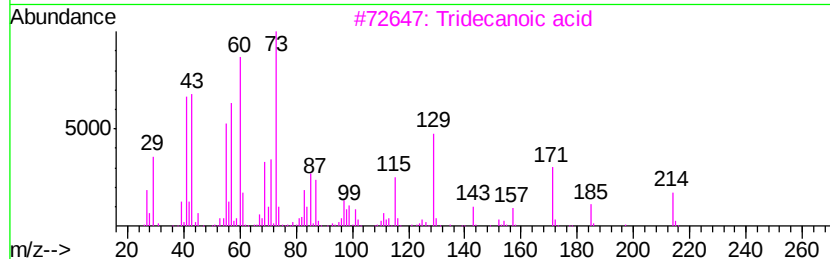
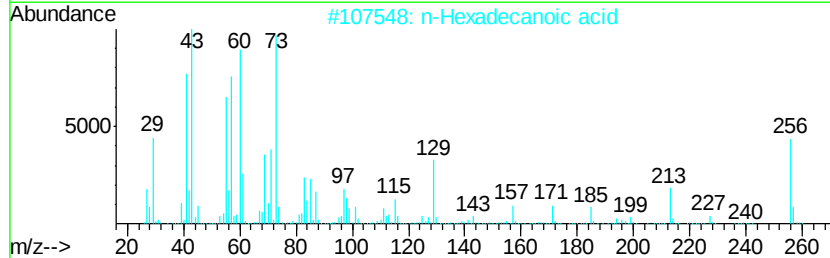
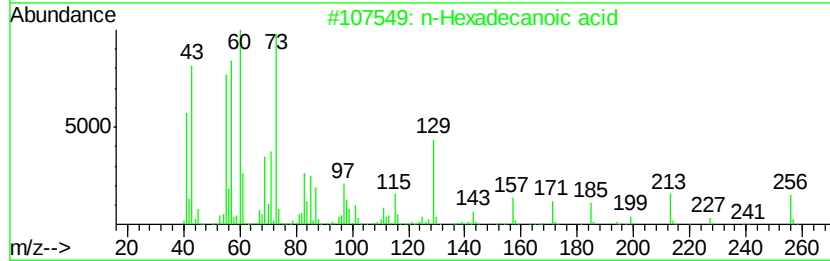
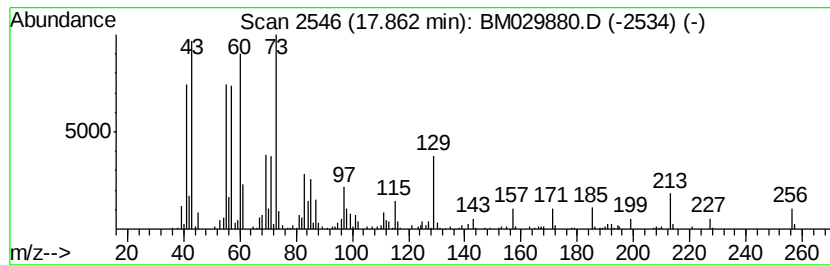
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.86	3.59 ng/ul	377422	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	94	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76	



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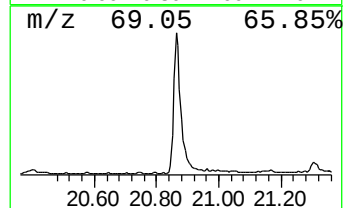
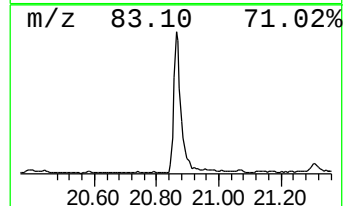
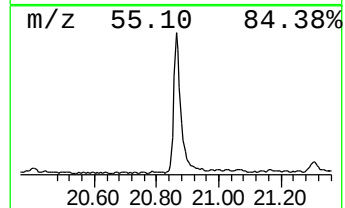
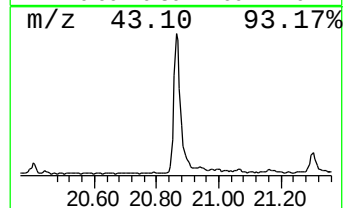
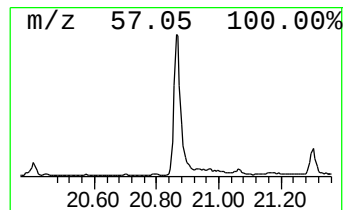
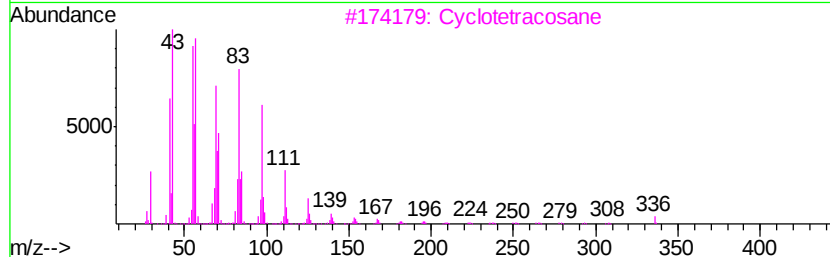
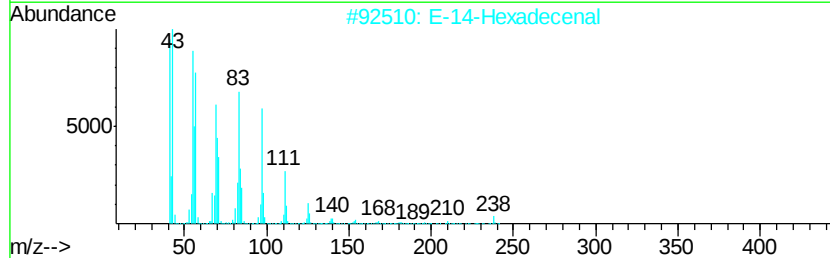
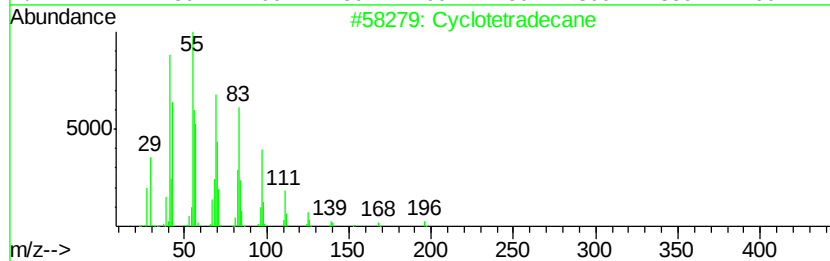
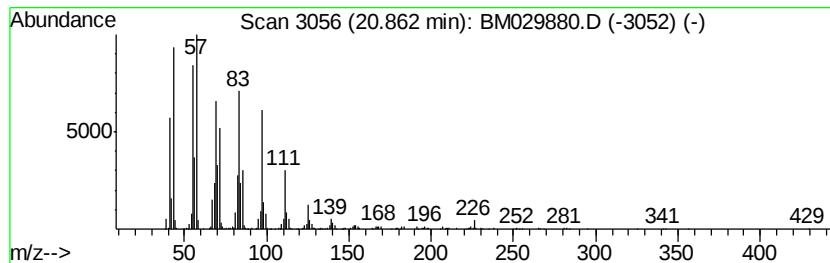
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.86 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	6.73 ng/ul	907252	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	95
2		E-14-Hexadecenal	238	C16H30O	330207-53-9	94
3		Cyclotetracosane	336	C24H48	000297-03-0	94
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



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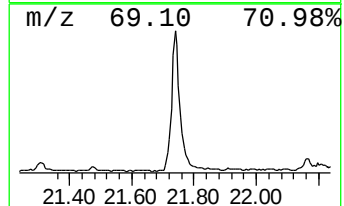
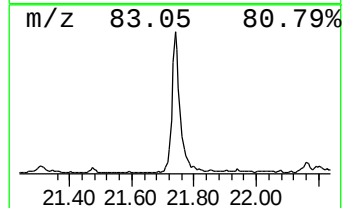
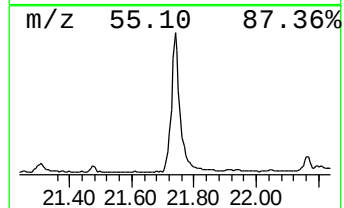
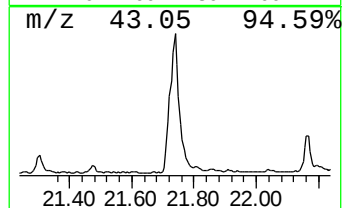
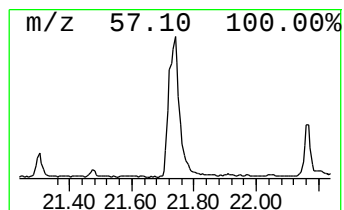
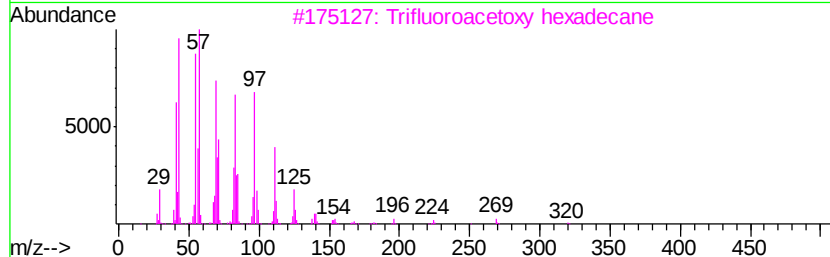
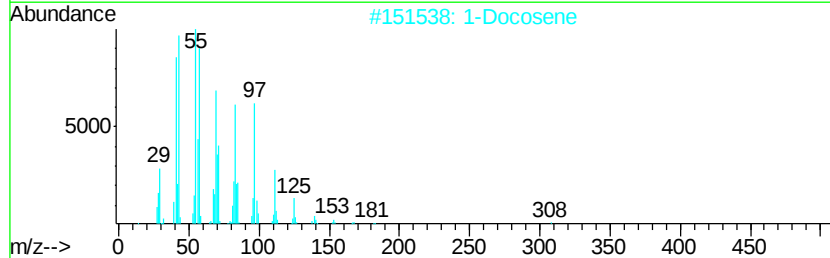
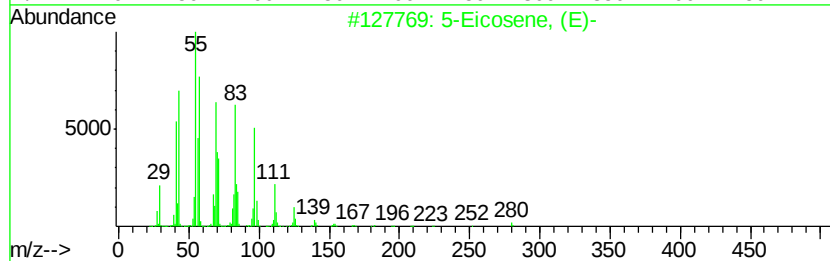
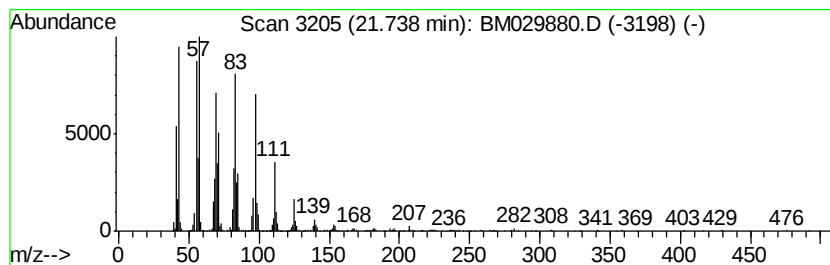
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	11.09 ng/ul	1496510	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		1-Docosene	308	C22H44	001599-67-3	96
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94



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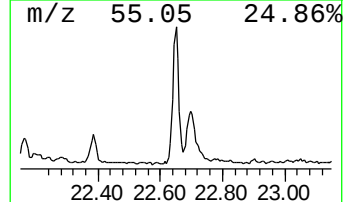
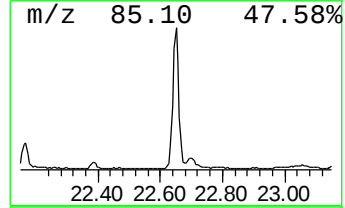
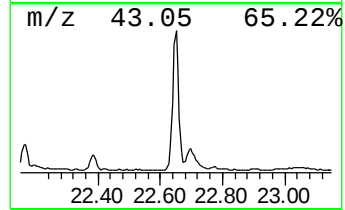
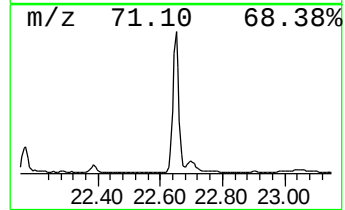
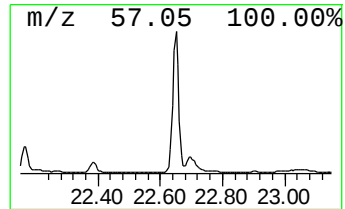
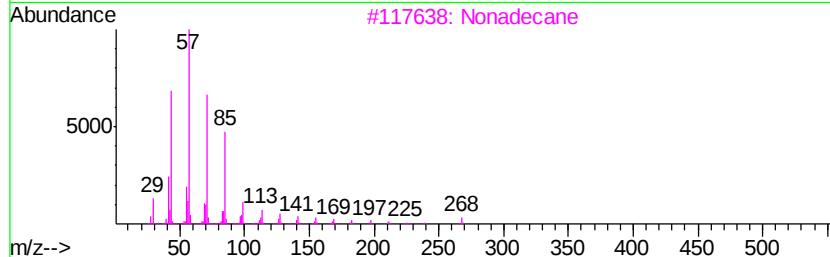
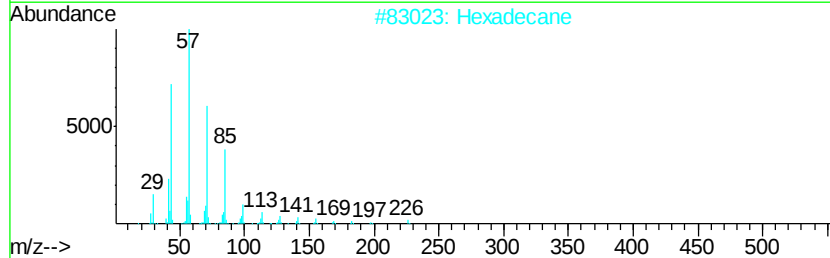
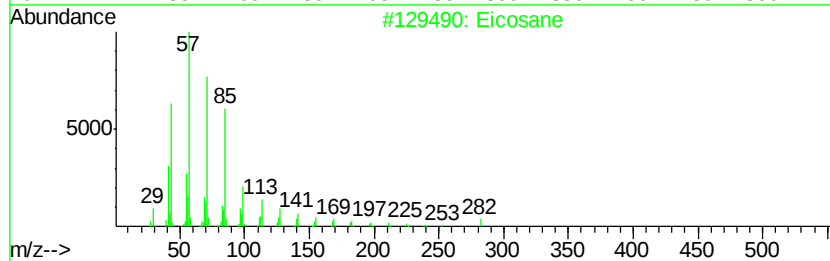
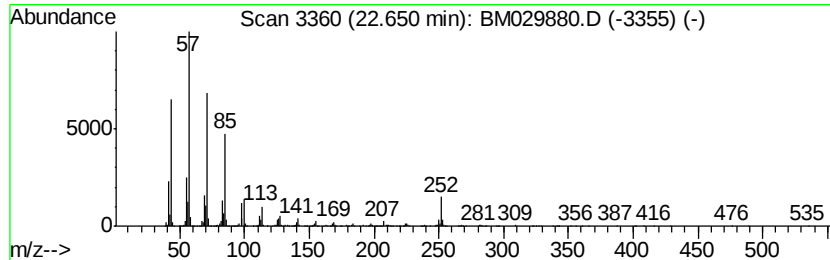
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	7.25 ng/ul	997093	Perylene-d12	23.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Hexadecane	226	C16H34	000544-76-3	94
3			Nonadecane	268	C19H40	000629-92-5	94
4			Nonacosane	408	C29H60	000630-03-5	93
5			Hexacosane	366	C26H54	000630-01-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050721\
Data File : BM029880.D
Acq On : 07 May 2021 17:20
Operator : CG/JU
Sample : M2129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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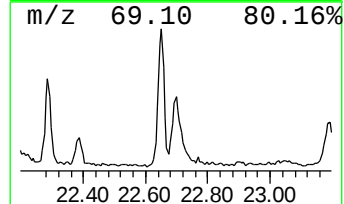
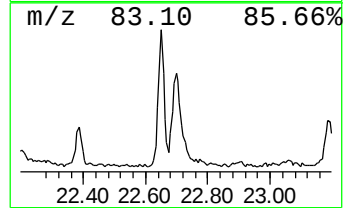
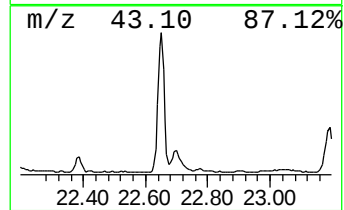
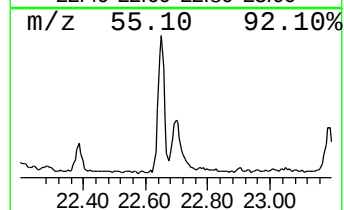
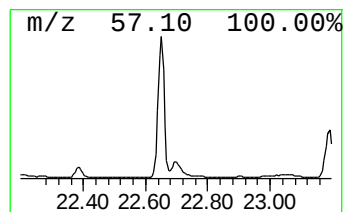
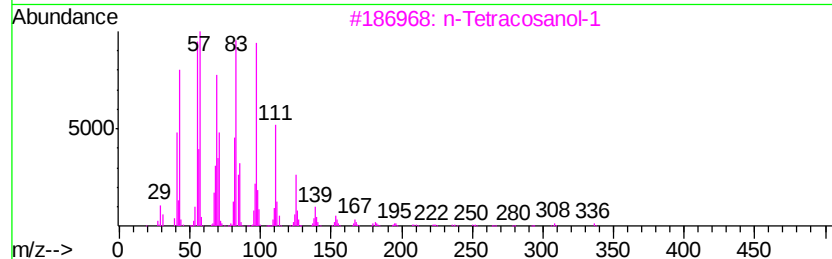
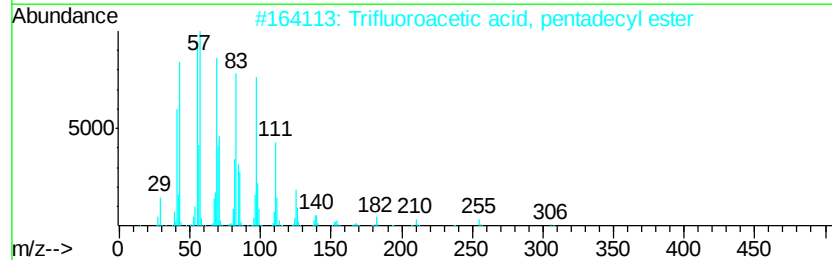
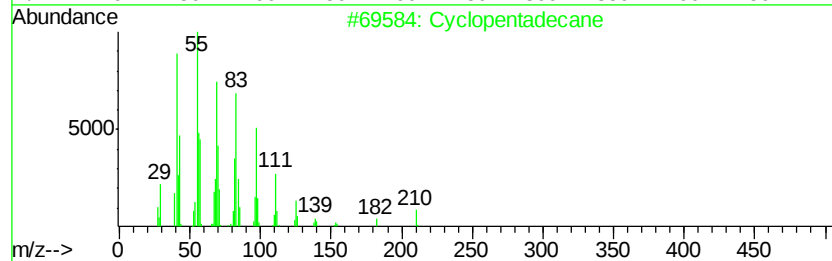
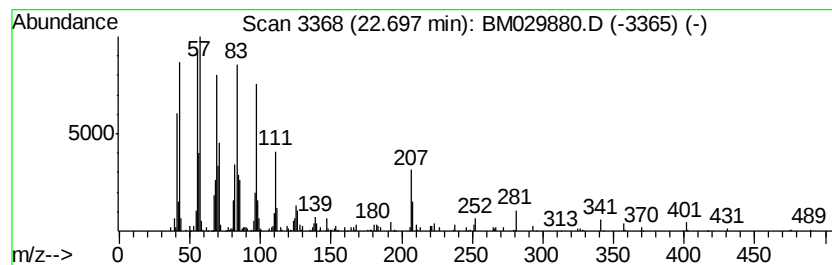
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic22.70 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.38 ng/ul	326994	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	93
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050721\
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 Misc :
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Instrument :
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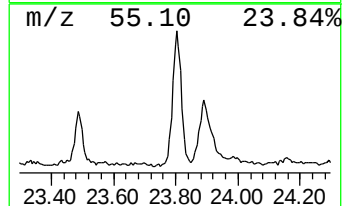
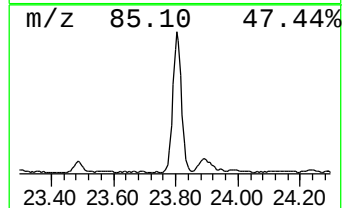
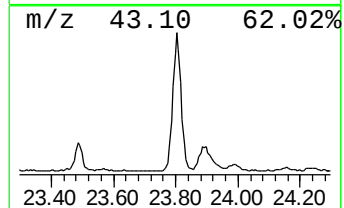
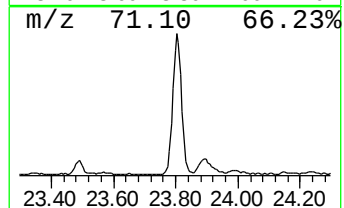
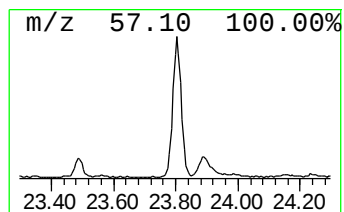
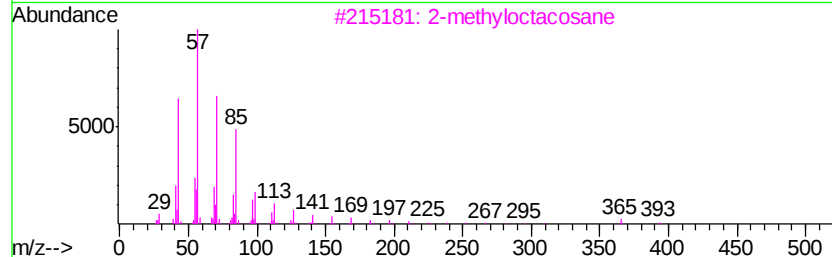
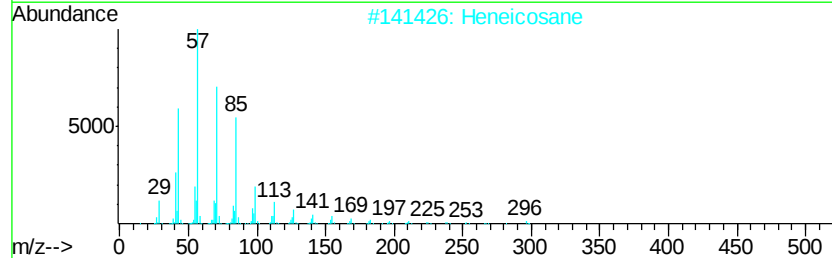
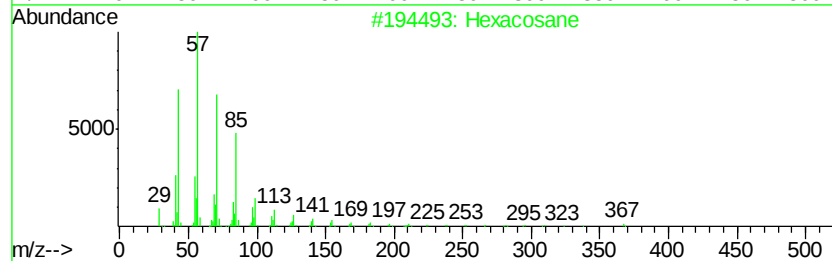
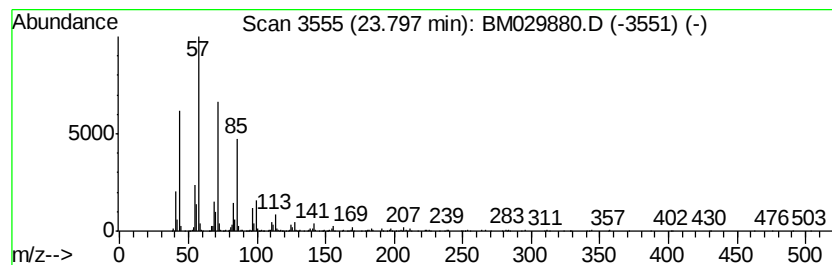
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 Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	6.27 ng/ul	862175	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050721\
Data File : BM029880.D
Acq On : 07 May 2021 17:20
Operator : CG/JU
Sample : M2129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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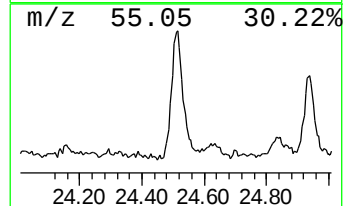
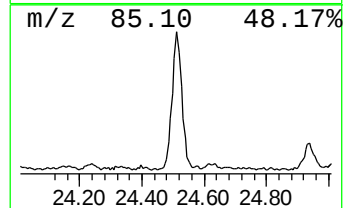
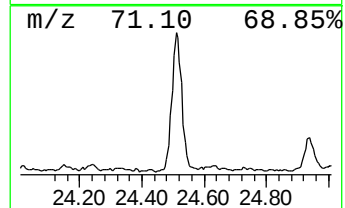
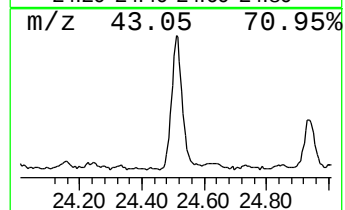
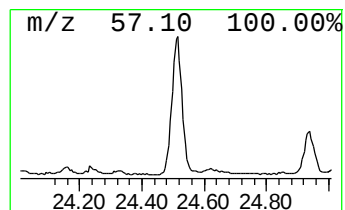
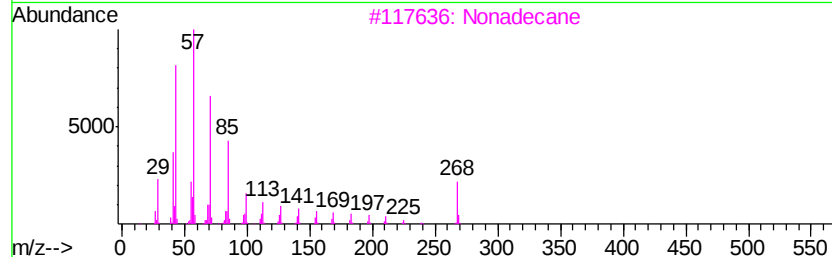
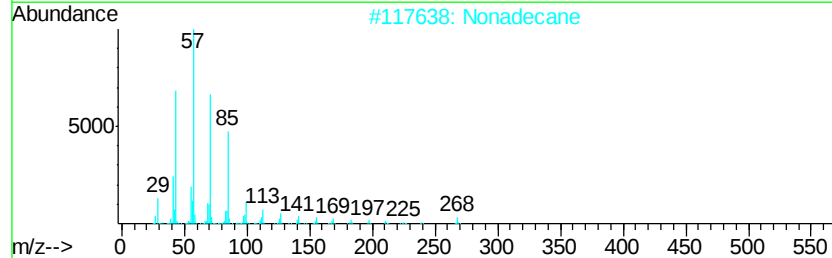
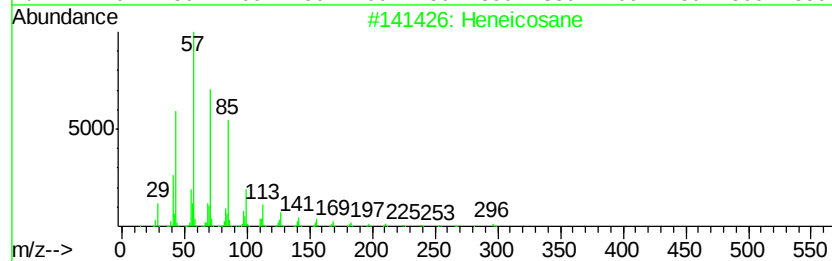
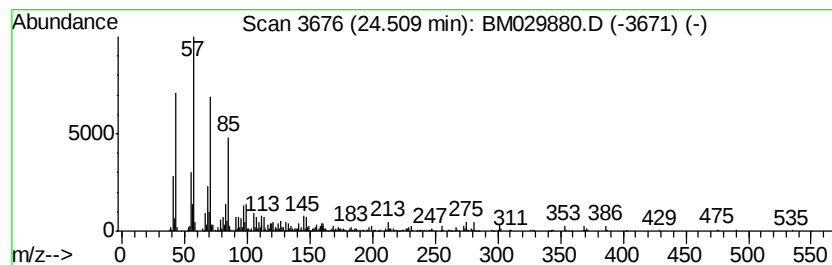
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.51	4.74 ng/ul	652346	Perylene-d12	23.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	95
2			Nonadecane	268	C19H40	000629-92-5	94
3			Nonadecane	268	C19H40	000629-92-5	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	87
5			Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050721\
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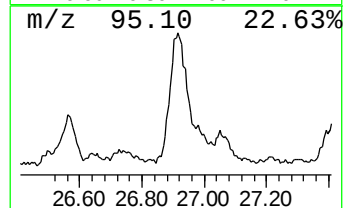
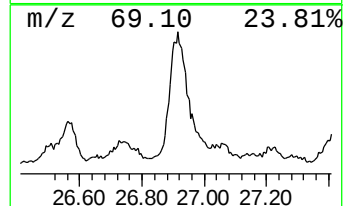
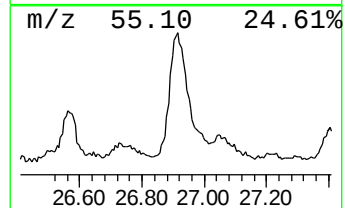
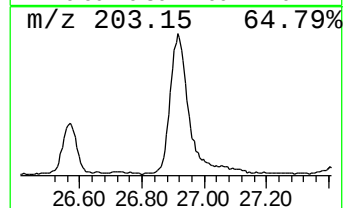
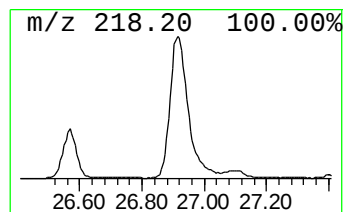
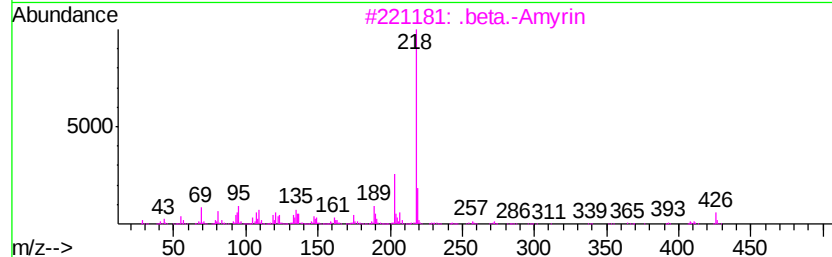
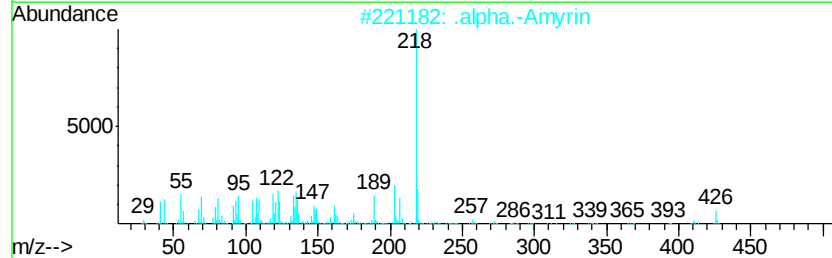
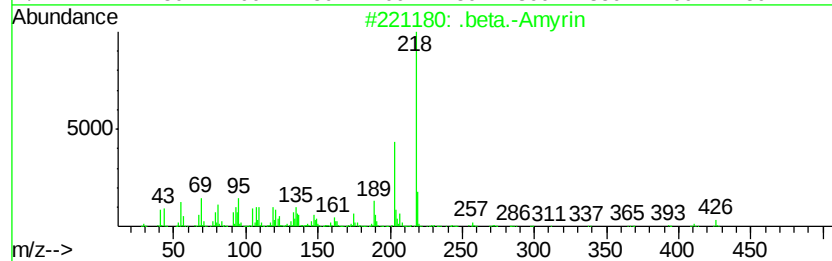
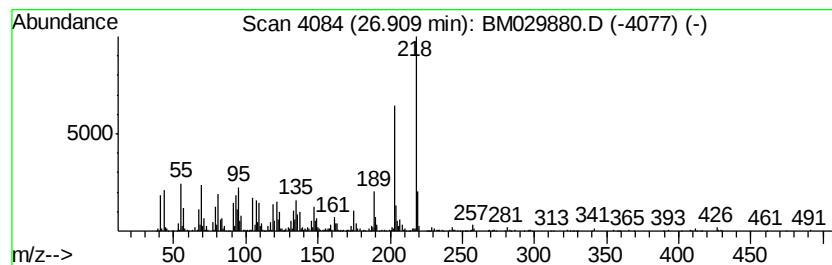
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 .beta.-Amyrin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.91	12.45 ng/ul	1712910	Perylene-d12	23.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Amyrin	426 C30H500	000559-70-6 91
2		.alpha.-Amyrin	426 C30H500	000638-95-9 90
3		.beta.-Amyrin	426 C30H500	000559-70-6 72
4		3-Methoxy-6,7,8,9-tetrahydro-dib...	218 C13H1403	1000186-57-9 68
5		4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218 C10H10N4S	1000300-40-5 64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050721\
 Data File : BM029880.D
 Acq On : 07 May 2021 17:20
 Operator : CG/JU
 Sample : M2129-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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(DEL) Alkane: Cyc...	20.86	6.7	ng/ul	907252	5	21.14	2697930	20.0
(DEL) Alkane: Str...	21.74	11.1	ng/ul	1496510	5	21.14	2697930	20.0
(DEL) Alkane: Str...	22.65	7.3	ng/ul	997093	6	23.29	2751370	20.0
(DEL) Alkane: Cyc...	22.70	2.4	ng/ul	326994	6	23.29	2751370	20.0
(DEL) Alkane: Str...	23.80	6.3	ng/ul	862175	6	23.29	2751370	20.0
(DEL) Alkane: Str...	24.51	4.7	ng/ul	652346	6	23.29	2751370	20.0
.beta.-Amyrin	26.91	12.4	ng/ul	1712910	6	23.29	2751370	20.0