

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021667.D
 Acq On : 26 Jul 2019 10:23
 Operator : HP/JU
 Sample : K3893-20
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP24

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\SOM-EPA-BM072319MA.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	6.875	655	661	675	rVB	430048	756404	15.54%	1.735%
2	7.046	685	690	699	rVB	329238	539014	11.07%	1.236%
3	7.228	716	721	733	rVB	484467	789011	16.21%	1.810%
4	7.693	795	800	807	rVB	407845	651800	13.39%	1.495%
5	8.404	915	921	929	rBV	606393	1008562	20.72%	2.313%
6	8.857	992	998	1007	rBV	500365	844312	17.34%	1.937%
7	9.575	1114	1120	1128	rVB	434034	692625	14.23%	1.589%
8	10.104	1203	1210	1223	rBV	650861	1185277	24.35%	2.719%
9	10.475	1266	1273	1281	rVB	670095	1096948	22.53%	2.516%
10	10.628	1293	1299	1316	rVB	591157	1152436	23.67%	2.643%
11	12.081	1540	1546	1553	rVB4	7919	16593	0.34%	0.038%
12	13.757	1825	1831	1836	rBV	1413207	1940043	39.85%	4.450%
13	13.804	1836	1839	1851	rVB	371519	502888	10.33%	1.153%
14	14.033	1871	1878	1891	rBV	1650939	2403827	49.38%	5.514%
15	14.339	1923	1930	1942	rBV2	1193136	1760417	36.16%	4.038%
16	14.569	1963	1969	1992	rBV	270134	637739	13.10%	1.463%
17	14.769	1997	2003	2004	rVV4	3751	7052	0.14%	0.016%
18	14.786	2004	2006	2009	rVB4	5963	6399	0.13%	0.015%
19	15.174	2068	2072	2076	rVB4	4671	6890	0.14%	0.016%
20	15.339	2093	2100	2111	rBV	2132408	3070247	63.07%	7.042%
21	15.480	2118	2124	2135	rBV	307662	478250	9.82%	1.097%
22	15.574	2135	2140	2147	rVB	20007	29234	0.60%	0.067%
23	16.121	2230	2233	2237	rVB4	6294	8285	0.17%	0.019%
24	16.886	2359	2363	2367	rVB3	5032	7107	0.15%	0.016%
25	17.092	2392	2398	2408	rBV2	1682040	2336409	47.99%	5.359%
26	17.192	2408	2415	2426	rVV2	2519364	3507643	72.05%	8.045%
27	17.310	2431	2435	2439	rVB4	3549	6384	0.13%	0.015%
28	17.986	2545	2550	2559	rBV	184793	300737	6.18%	0.690%
29	18.057	2560	2562	2568	rVB	13706	20877	0.43%	0.048%
30	19.127	2739	2744	2747	rBV2	30966	47289	0.97%	0.108%
31	19.157	2747	2749	2756	rVB	17387	23719	0.49%	0.054%
32	19.268	2764	2768	2778	rBV3	90859	154535	3.17%	0.354%
33	19.380	2784	2787	2791	rVB	20368	22984	0.47%	0.053%
34	19.492	2800	2806	2820	rBV	3582707	4631242	95.13%	10.622%

LSC Area Percent Report

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35	20.992	3057	3061	3070	rBV3	197137	342615	7.04%	0.786%
36	21.286	3106	3111	3120	rBV	2470776	3098918	63.65%	7.108%
37	21.421	3132	3134	3138	rVB2	66464	64262	1.32%	0.147%
38	21.856	3205	3208	3211	rBV	119261	139285	2.86%	0.319%
39	22.321	3283	3287	3294	rVB	197760	260907	5.36%	0.598%
40	22.821	3369	3372	3377	rVB	266800	365242	7.50%	0.838%
41	23.386	3462	3468	3483	rVB	2707920	4868367	100.00%	11.166%
42	23.533	3486	3493	3505	rVB2	1494884	2842332	58.38%	6.519%
43	24.021	3572	3576	3584	rVB	287774	516931	10.62%	1.186%
44	24.762	3699	3702	3711	rVB	245013	456487	9.38%	1.047%

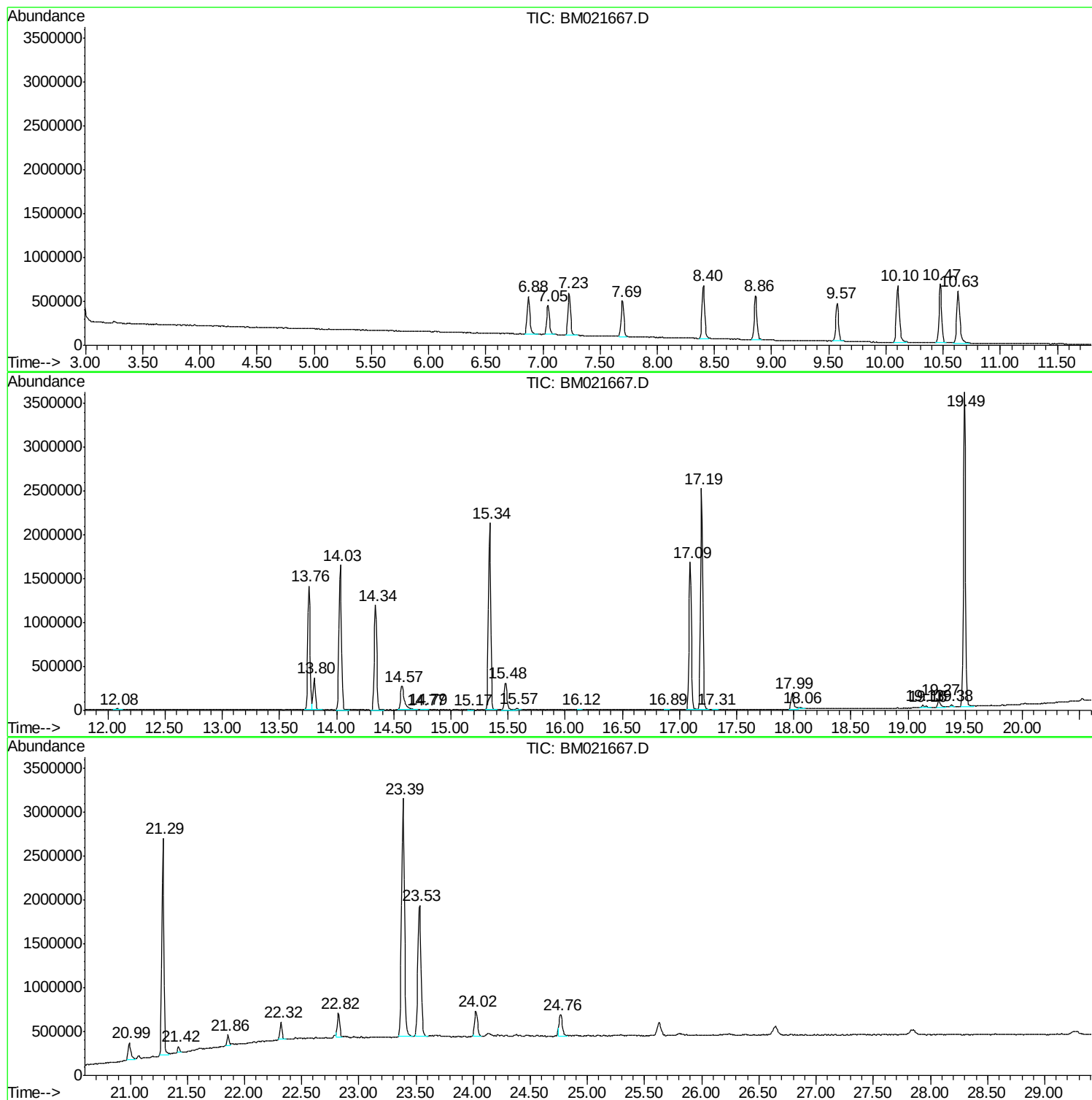
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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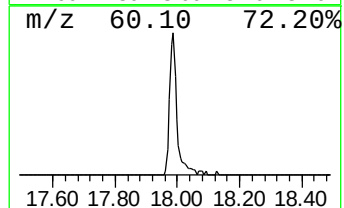
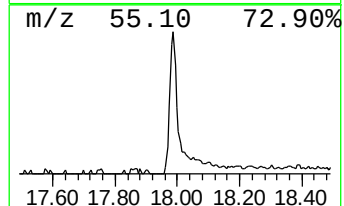
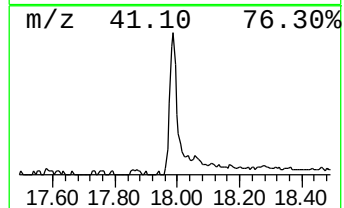
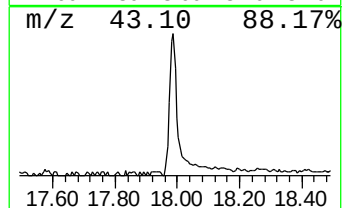
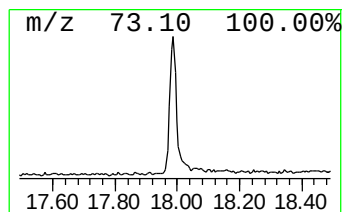
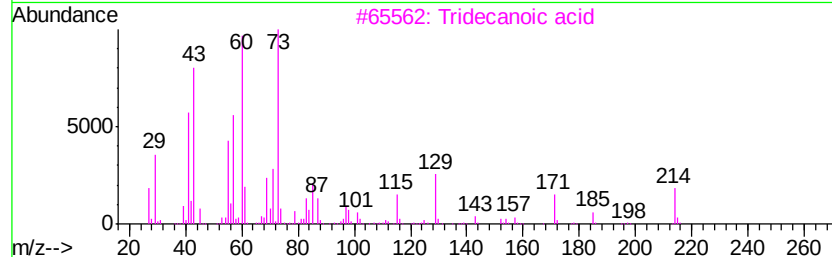
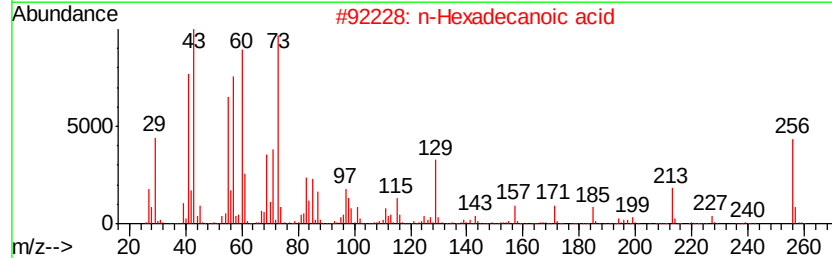
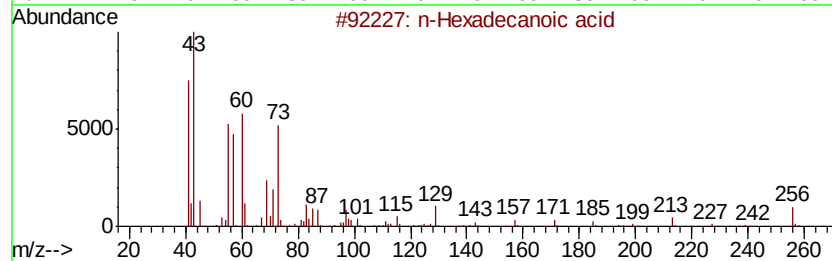
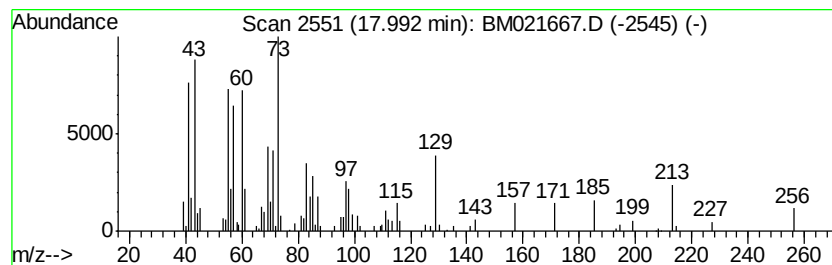
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.99	2.57 ng/ul	300737	Phenanthrene-d10		17.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
3	Tridecanoic acid		214	C13H26O2	000638-53-9	87
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	80
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	64



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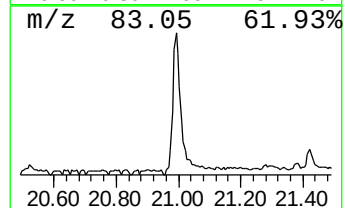
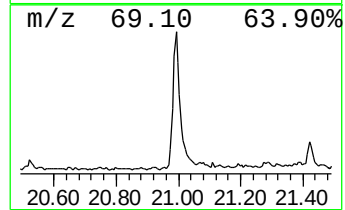
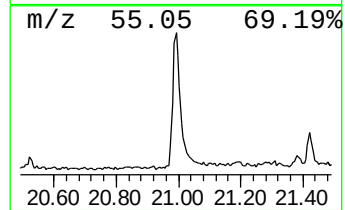
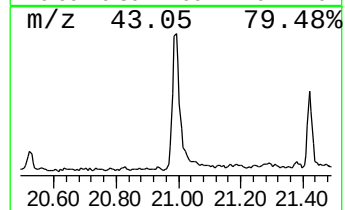
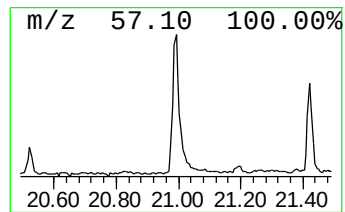
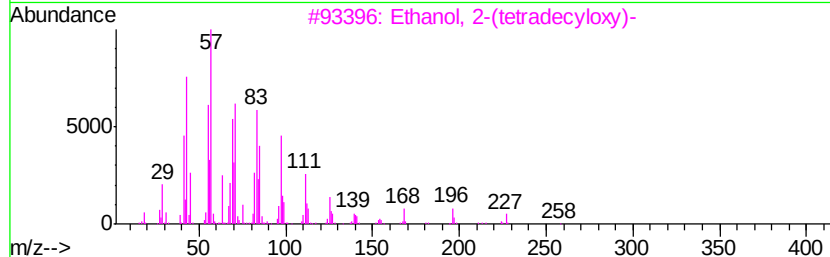
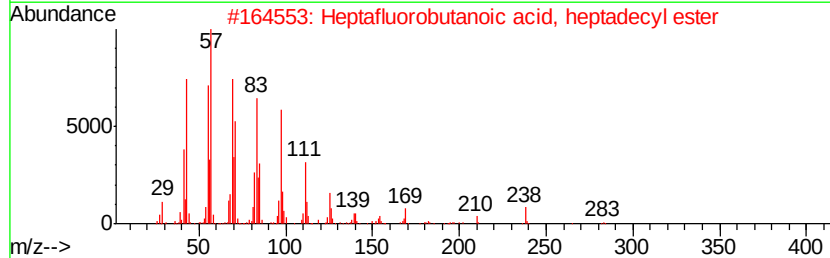
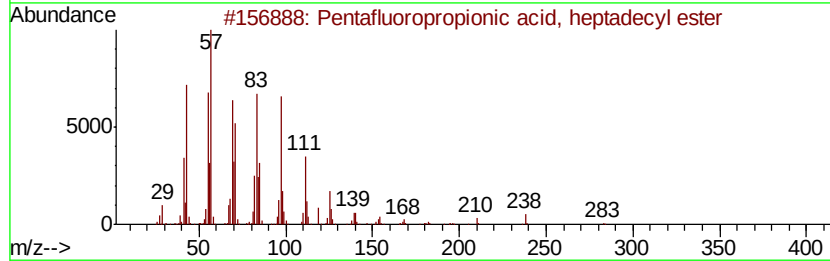
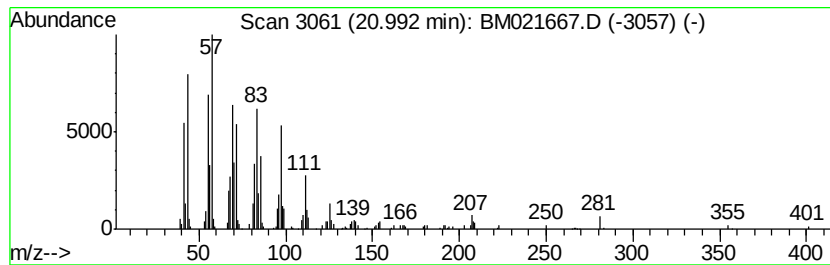
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Peak Number 2 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.21 ng/ul	342615	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4		17-Pentatriacontene	491	C35H70	006971-40-0	90
5		1-Hexacosanol	382	C26H54O	000506-52-5	90



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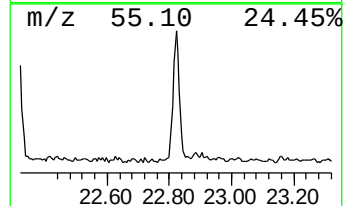
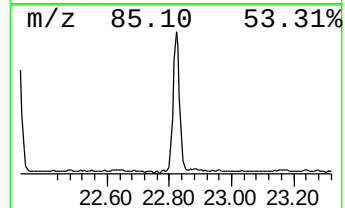
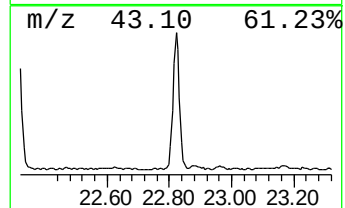
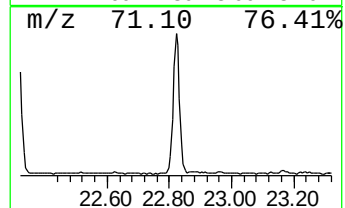
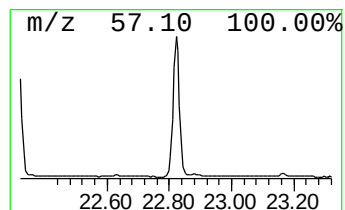
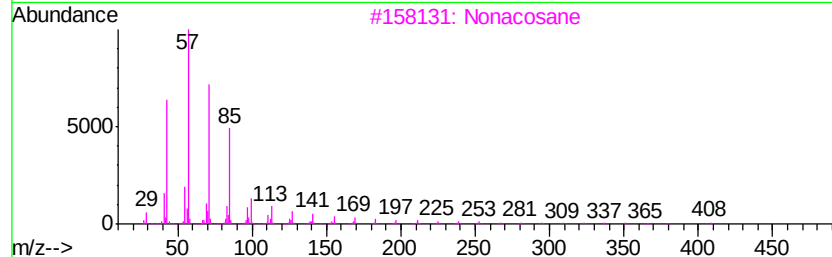
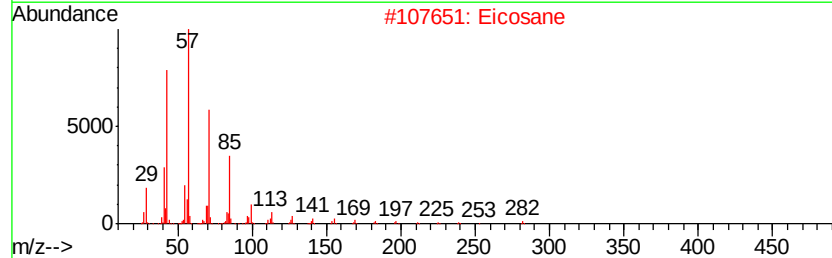
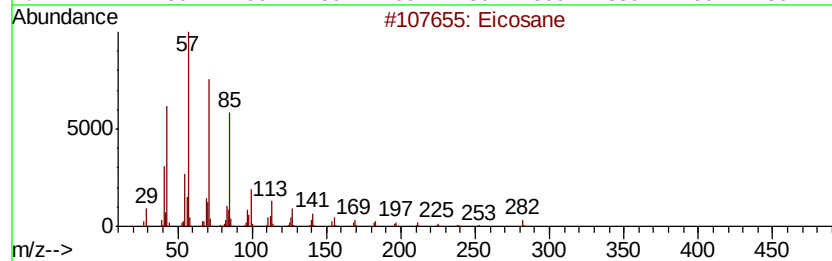
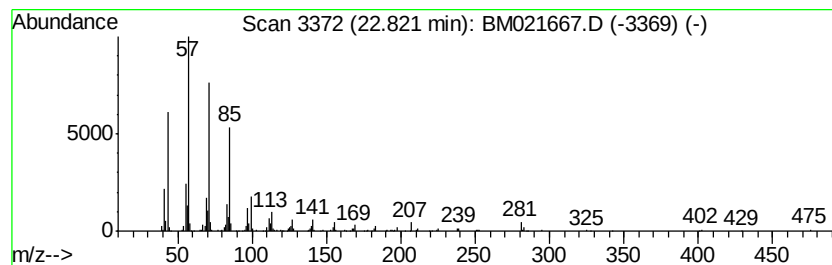
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.57 ng/ul	365242	Perylene-d12	23.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	98
2	Eicosane	282 C20H42	000112-95-8	96
3	Nonacosane	408 C29H60	000630-03-5	90
4	Tetracosane	338 C24H50	000646-31-1	90
5	Octacosane	394 C28H58	000630-02-4	90



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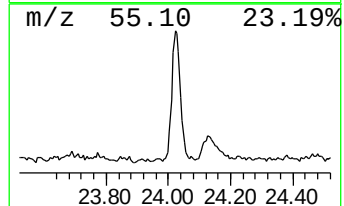
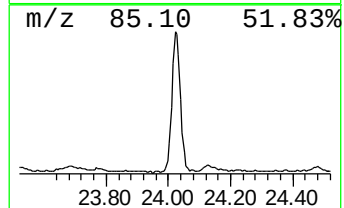
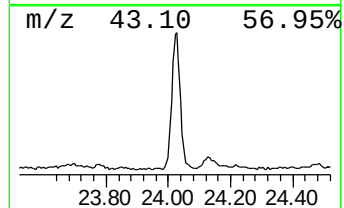
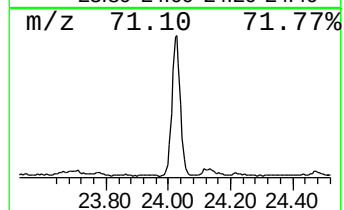
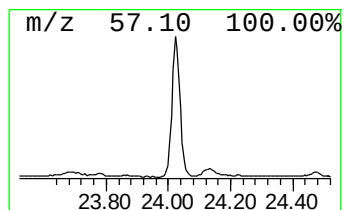
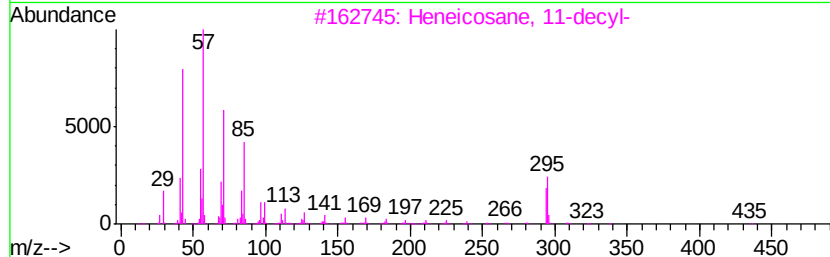
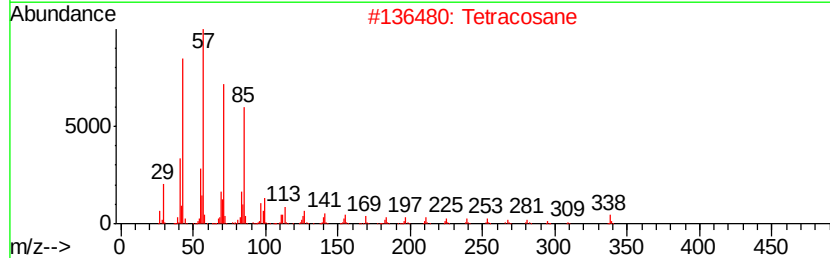
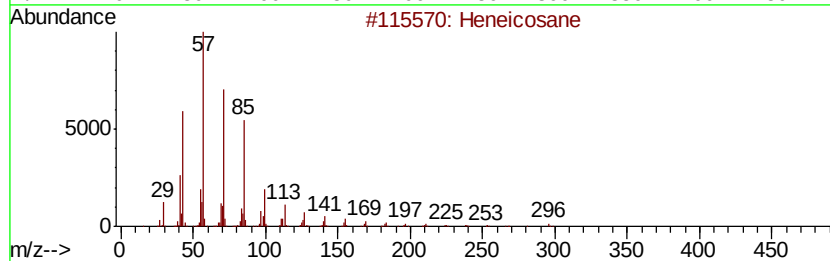
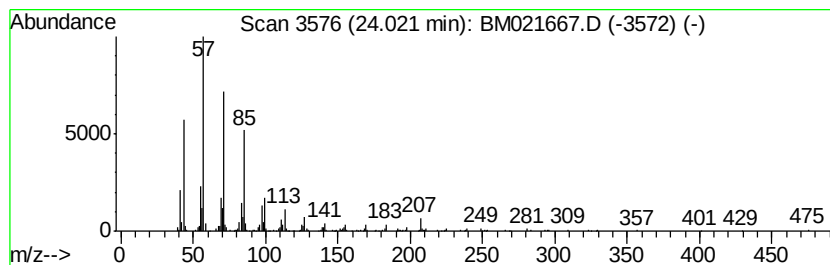
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	3.64 ng/ul	516931	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



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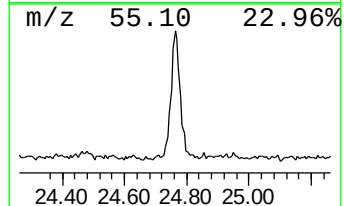
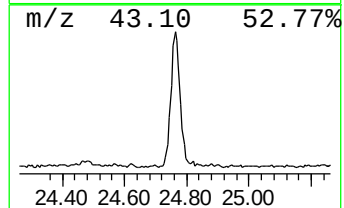
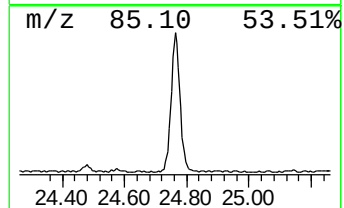
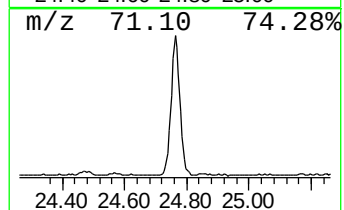
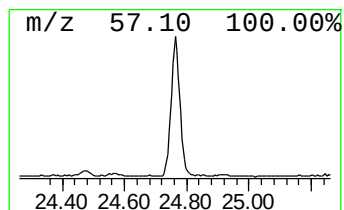
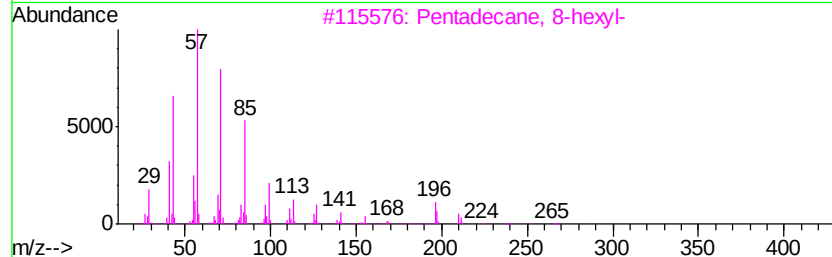
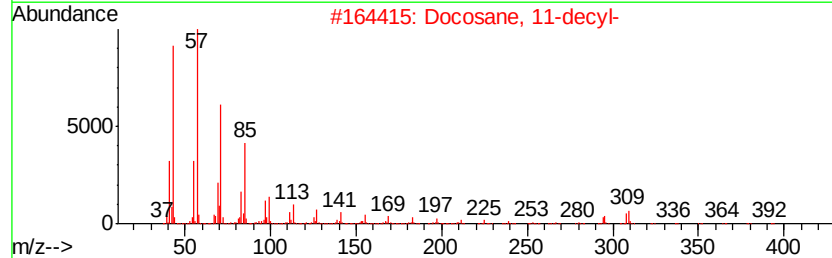
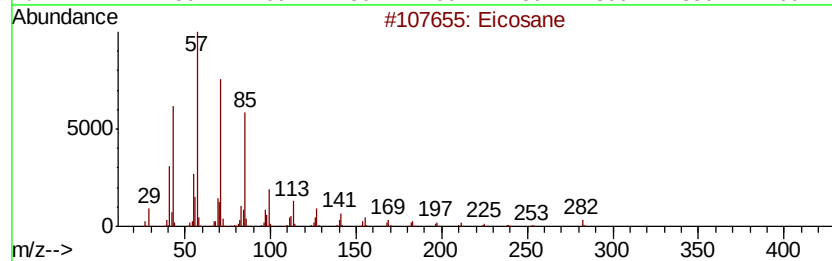
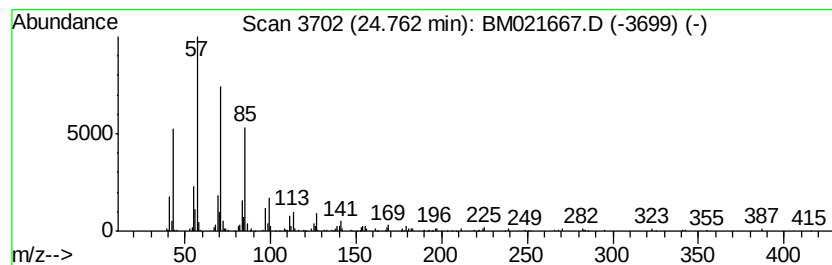
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	3.21 ng/ul	456487	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4		triacontane	422	C30H62	000638-68-6	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072519\
Data File : BM021667.D
Acq On : 26 Jul 2019 10:23
Operator : HP/JU
Sample : K3893-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.6	ng/ul	300737	4	17.09	2336410	20.0
Pentafluoropropio...	20.99	2.2	ng/ul	342615	5	21.29	3098920	20.0
(DEL) Alkane: Str...	22.82	2.6	ng/ul	365242	6	23.53	2842330	20.0
(DEL) Alkane: Str...	24.02	3.6	ng/ul	516931	6	23.53	2842330	20.0
(DEL) Alkane: Str...	24.76	3.2	ng/ul	456487	6	23.53	2842330	20.0