

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
 Data File : BM019722.D
 Acq On : 03 Apr 2019 09:58
 Operator : JU/SJ
 Sample : K2148-21
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5H1

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-BM032219MA.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	3.122	20	23	31	rVB	26059	35690	1.08%	0.096%
2	3.622	106	108	110	rBV4	4189	4571	0.14%	0.012%
3	3.716	121	124	129	rVB	10997	17012	0.51%	0.046%
4	4.710	289	293	296	rBV2	12515	17453	0.53%	0.047%
5	4.746	296	299	308	rVB	17529	32418	0.98%	0.087%
6	6.751	634	640	661	rBV	269652	561800	16.95%	1.514%
7	6.922	663	669	682	rBV	261789	484626	14.63%	1.306%
8	7.099	693	699	716	rVB	357114	612726	18.49%	1.651%
9	7.563	772	778	787	rBV	637909	1048468	31.64%	2.825%
10	8.281	895	900	919	rBV	376249	726884	21.94%	1.959%
11	8.416	919	923	929	rVB2	5872	10231	0.31%	0.028%
12	8.740	967	978	993	rBV	344113	641511	19.36%	1.729%
13	9.057	1028	1032	1039	rVB2	10787	15473	0.47%	0.042%
14	9.451	1092	1099	1113	rBV	303592	545354	16.46%	1.469%
15	9.981	1183	1189	1206	rBV	367951	770162	23.24%	2.075%
16	10.345	1244	1251	1266	rBV	1044559	1688329	50.95%	4.549%
17	10.516	1272	1280	1303	rBV	325870	794284	23.97%	2.140%
18	11.969	1525	1527	1532	rVB2	2333	3404	0.10%	0.009%
19	13.651	1806	1813	1818	rBV	964927	1431415	43.20%	3.857%
20	13.698	1818	1821	1835	rVB	137523	208355	6.29%	0.561%
21	13.922	1852	1859	1875	rBV	1083979	1620814	48.91%	4.367%
22	14.227	1903	1911	1926	rBV3	1577959	2362475	71.30%	6.366%
23	14.492	1949	1956	1974	rBV2	141594	458928	13.85%	1.237%
24	14.657	1979	1984	2000	rVB4	48322	112416	3.39%	0.303%
25	15.022	2042	2046	2050	rBV	10879	13556	0.41%	0.037%
26	15.069	2050	2054	2058	rVB3	5698	7084	0.21%	0.019%
27	15.227	2075	2081	2092	rBV	1446316	2106403	63.57%	5.676%
28	15.380	2102	2107	2119	rBV	363675	592756	17.89%	1.597%
29	15.474	2119	2123	2127	rVV2	18412	28073	0.85%	0.076%
30	15.933	2198	2201	2207	rBV3	5065	8769	0.26%	0.024%
31	16.016	2211	2215	2218	rVB3	4073	5553	0.17%	0.015%
32	16.186	2242	2244	2248	rVB3	4156	4741	0.14%	0.013%
33	16.404	2274	2281	2287	rBV5	10003	20118	0.61%	0.054%
34	16.545	2301	2305	2307	rBV3	3104	4004	0.12%	0.011%

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35	16.727	2332	2336	2340	rBV5	5170	9016	0.27%	0.024%
36	16.780	2340	2345	2349	rVB5	9594	13694	0.41%	0.037%
37	16.904	2360	2366	2367	rBV3	4519	6868	0.21%	0.019%
38	16.986	2374	2380	2391	rBV	2131996	2868357	86.56%	7.729%
39	17.086	2391	2397	2407	rBV2	1602873	2312487	69.79%	6.231%
40	17.268	2424	2428	2431	rBV4	2692	3698	0.11%	0.010%
41	17.374	2441	2446	2450	rBV4	5099	8110	0.24%	0.022%
42	17.468	2459	2462	2467	rVB3	4166	6658	0.20%	0.018%
43	17.733	2503	2507	2508	rBV2	3051	3351	0.10%	0.009%
44	17.763	2508	2512	2513	rVV3	6075	7905	0.24%	0.021%
45	17.780	2513	2515	2518	rVB4	3989	4230	0.13%	0.011%
46	17.880	2527	2532	2543	rBV	239630	369868	11.16%	0.997%
47	18.168	2577	2581	2585	rBV6	4623	6891	0.21%	0.019%
48	18.304	2602	2604	2607	rVB4	3097	3682	0.11%	0.010%
49	18.562	2644	2648	2649	rBV3	3354	3748	0.11%	0.010%
50	18.686	2666	2669	2673	rBV5	4010	6204	0.19%	0.017%
51	18.739	2675	2678	2679	rBV3	5488	5497	0.17%	0.015%
52	18.804	2686	2689	2697	rBV7	9286	13491	0.41%	0.036%
53	19.033	2724	2728	2730	rBV2	27061	38190	1.15%	0.103%
54	19.174	2747	2752	2766	rBV	137026	236793	7.15%	0.638%
55	19.286	2768	2771	2774	rVV	12384	17367	0.52%	0.047%
56	19.315	2774	2776	2779	rVB3	5625	4906	0.15%	0.013%
57	19.398	2784	2790	2800	rBV	1830146	2540256	76.66%	6.845%
58	19.733	2843	2847	2850	rBV	135607	148135	4.47%	0.399%
59	19.768	2850	2853	2859	rVB	195846	218537	6.60%	0.589%
60	19.927	2875	2880	2884	rBV4	28858	41961	1.27%	0.113%
61	20.427	2962	2965	2971	rBV3	57351	82416	2.49%	0.222%
62	20.709	3010	3013	3016	rBV	80352	87263	2.63%	0.235%
63	20.745	3016	3019	3022	rVB	107537	109291	3.30%	0.294%
64	20.898	3041	3045	3054	rBV3	254341	343651	10.37%	0.926%
65	21.198	3091	3096	3110	rBV	2654018	3313607	100.00%	8.929%
66	21.333	3116	3119	3124	rVB2	108014	116351	3.51%	0.314%
67	21.756	3188	3191	3195	rVB	160864	164061	4.95%	0.442%
68	22.209	3264	3268	3273	rVB	243002	309778	9.35%	0.835%
69	22.327	3285	3288	3295	rVB	130476	171328	5.17%	0.462%
70	22.698	3347	3351	3356	rVB	297847	406989	12.28%	1.097%
71	23.256	3439	3446	3454	rBV3	1238777	2491846	75.20%	6.714%

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72	23.403	3464	3471	3486	rVB	1451285	2656797	80.18%	7.159%
73	23.868	3546	3550	3557	rVB	294521	516955	15.60%	1.393%
74	24.592	3669	3673	3682	rVB	217307	445975	13.46%	1.202%

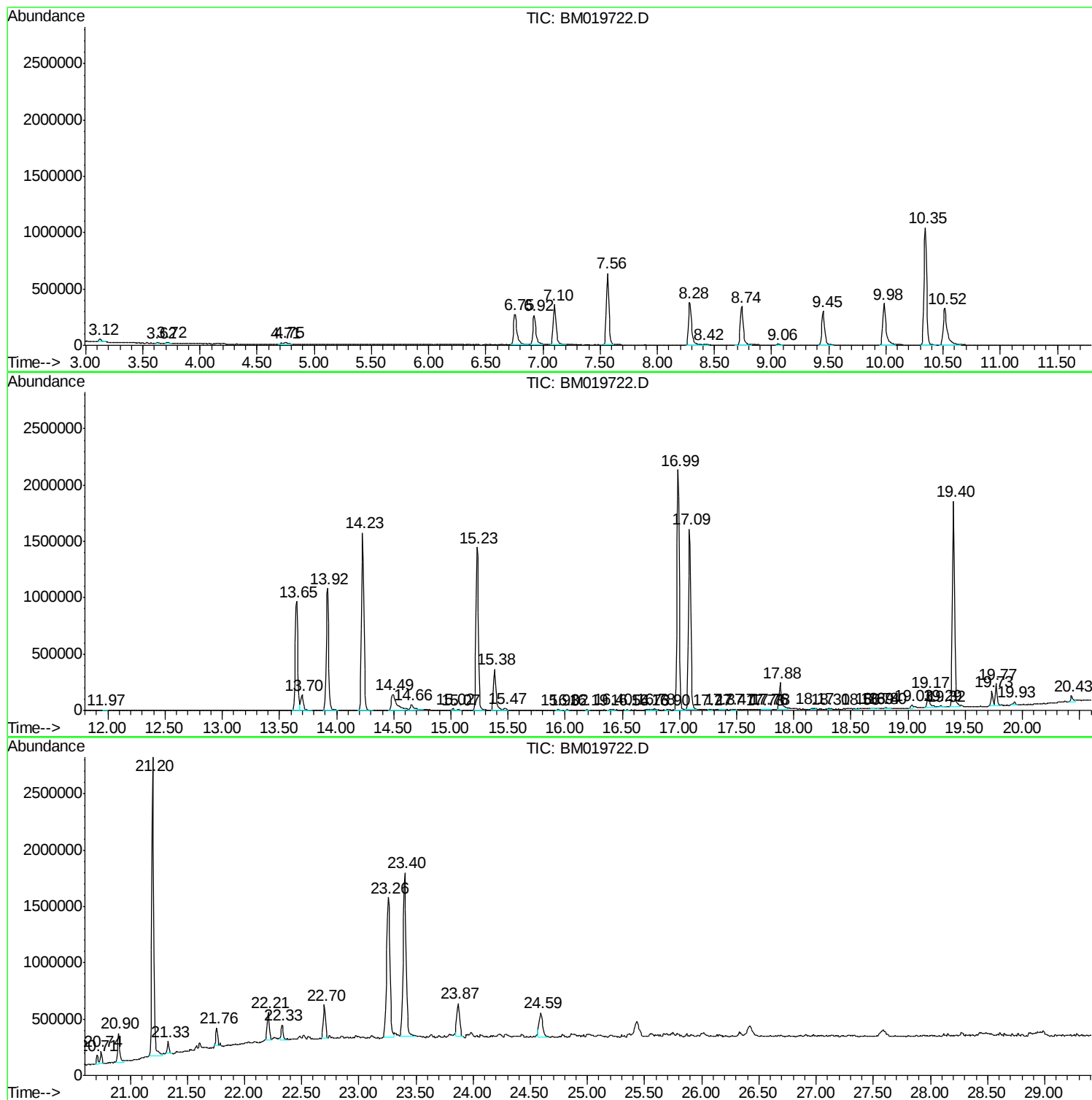
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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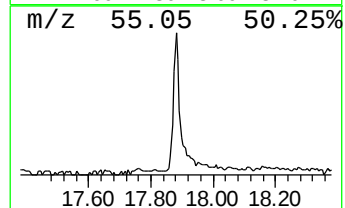
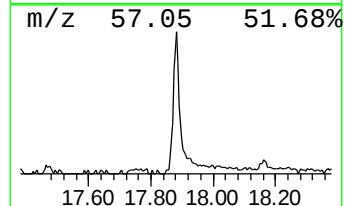
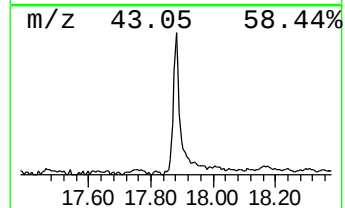
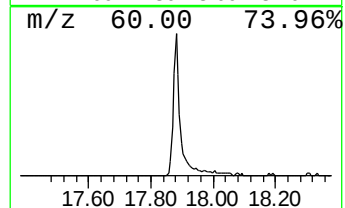
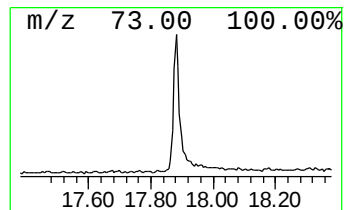
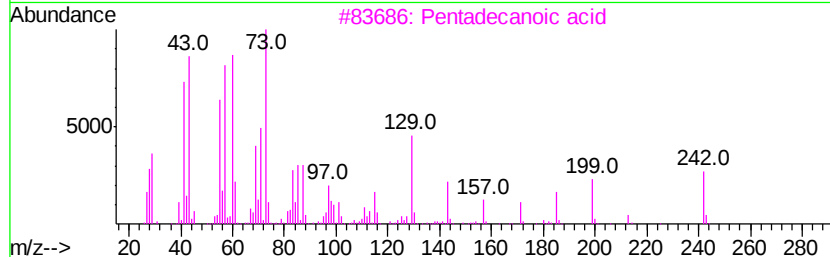
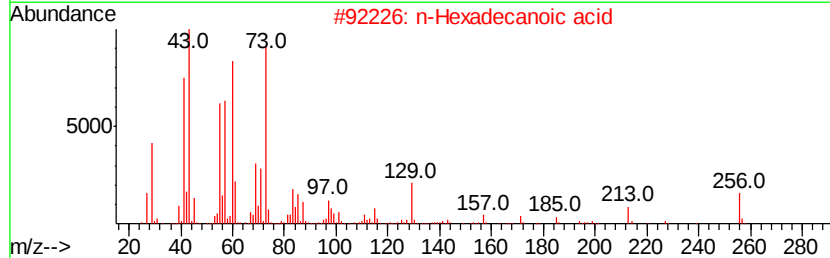
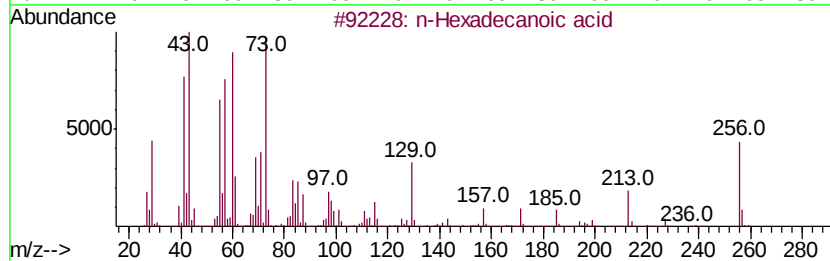
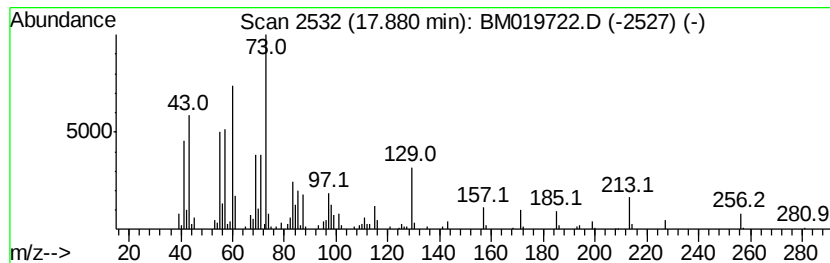
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.88	2.58 ng/ul	369868	Phenanthrene-d10	16.99		
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	97	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
5	N-Acetylisoaxazolidine	115	C5H9NO2	115615-36-6	25	



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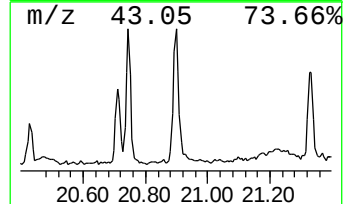
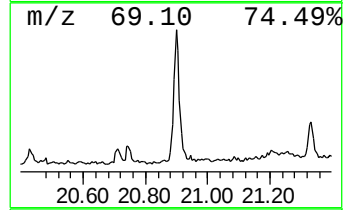
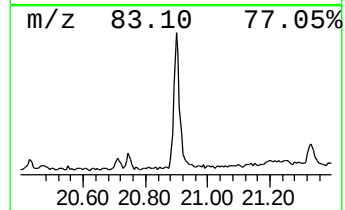
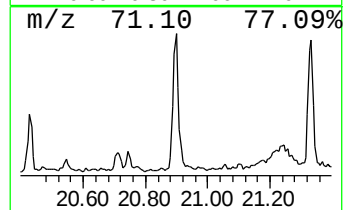
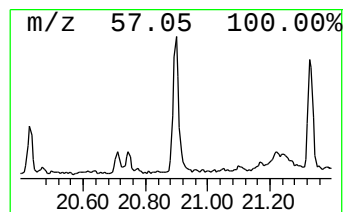
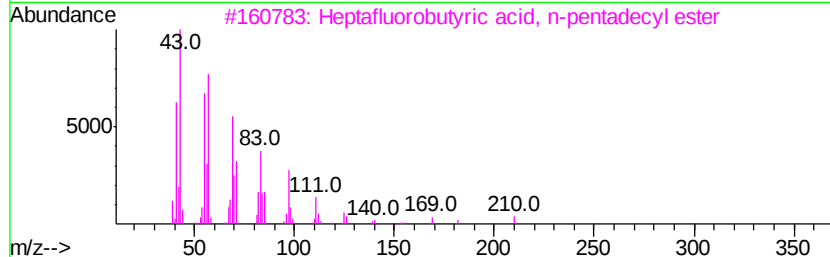
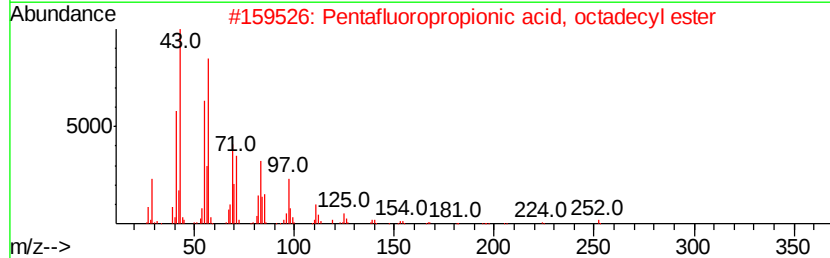
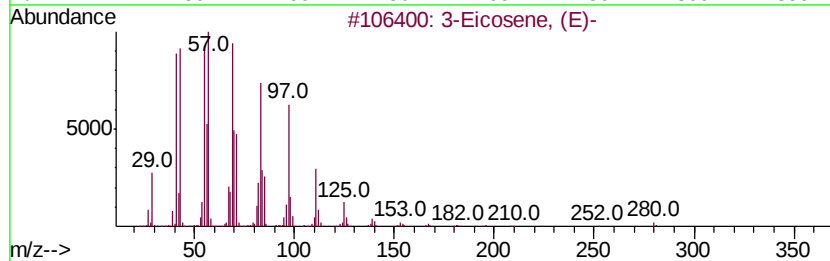
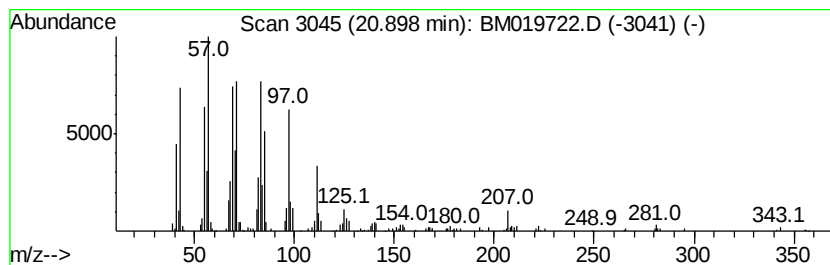
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.07 ng/ul	343651	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-	280 C20H40	074685-33-9	92
2	Pentafluoropropionic acid, octadecyl ester	416 C21H37F5O2	1000280-07-7	87
3	Heptafluorobutyric acid, n-pentadecyl ester	424 C19H31F7O2	1000216-79-3	76
4	1-Pentadecanol	228 C15H32O	000629-76-5	70
5	Cyclohexadecane	224 C16H32	000295-65-8	68



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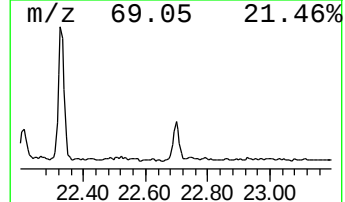
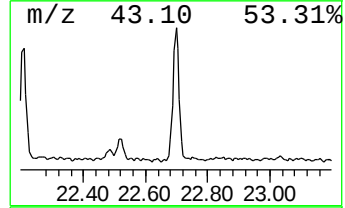
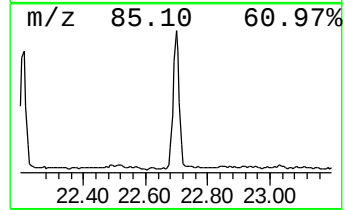
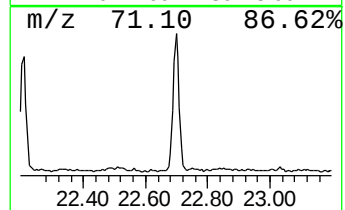
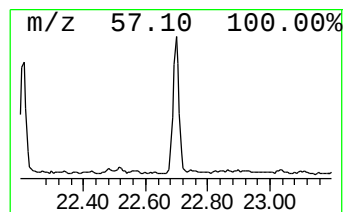
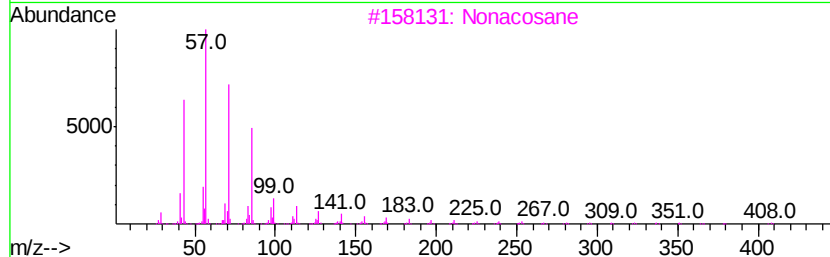
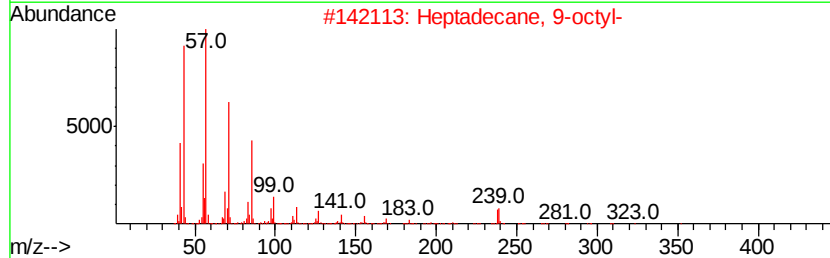
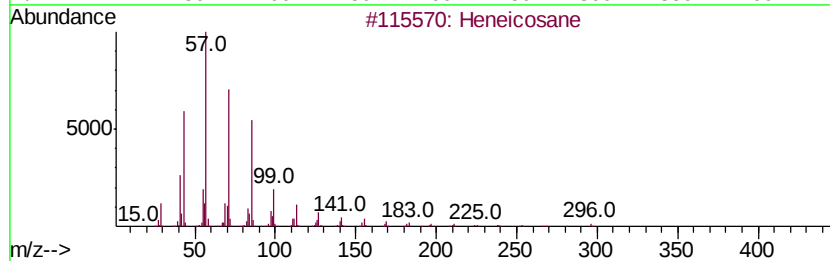
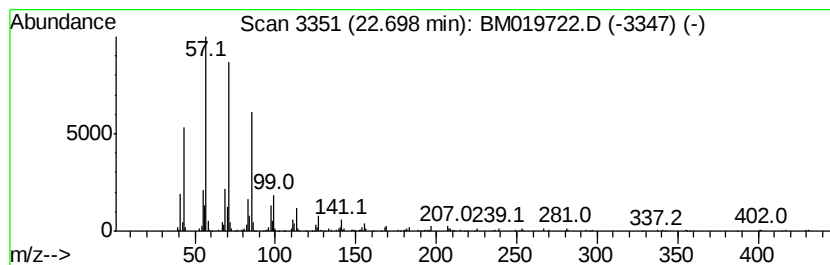
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.06 ng/ul	406989	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heptadecane	240	C17H36	000629-78-7	90



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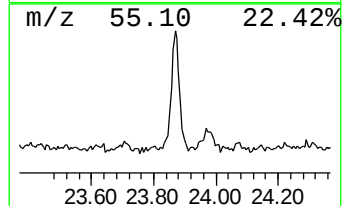
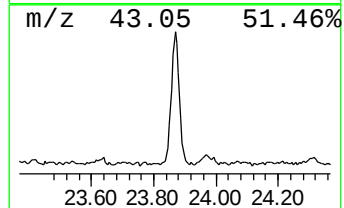
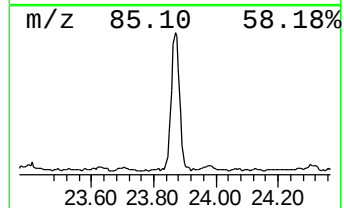
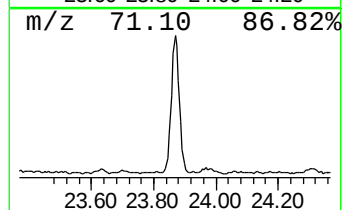
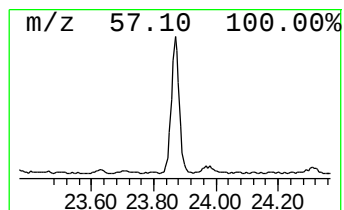
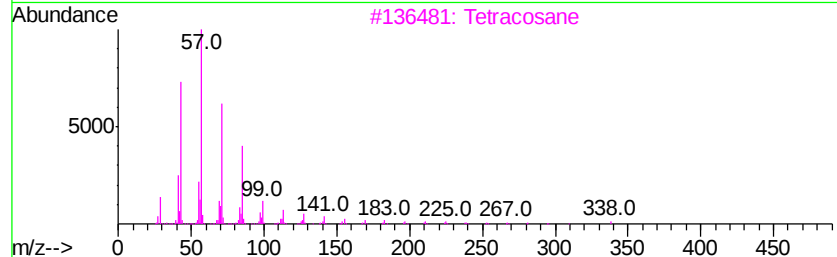
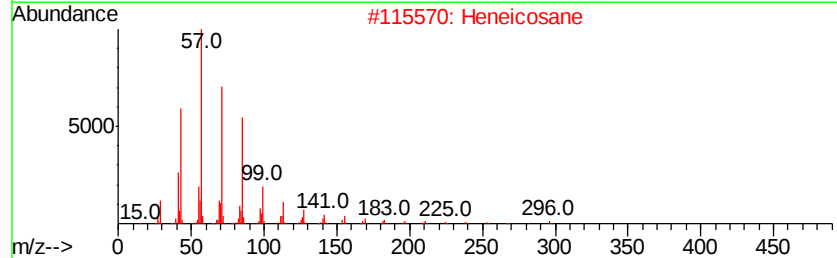
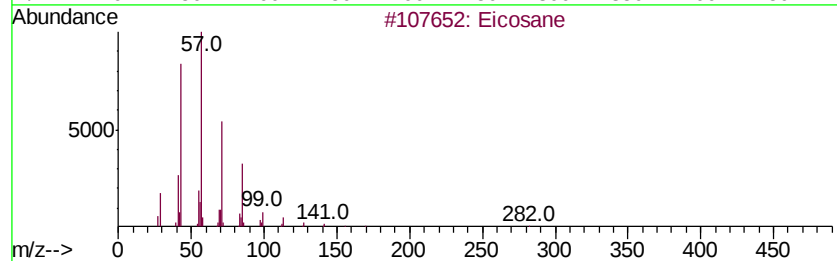
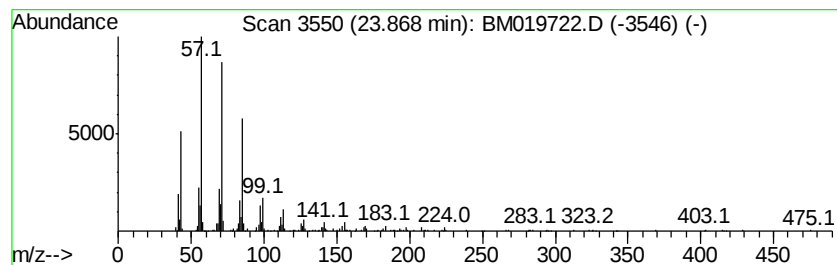
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	3.89 ng/ul	516955	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019722.D
Acq On : 03 Apr 2019 09:58
Operator : JU/SJ
Sample : K2148-21
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5H1

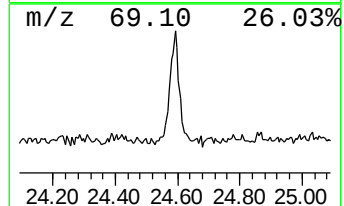
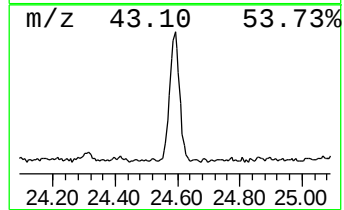
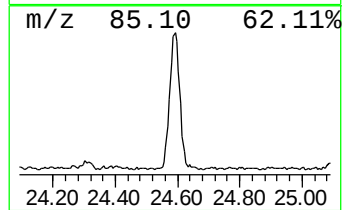
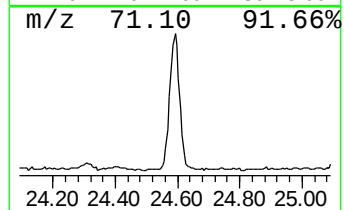
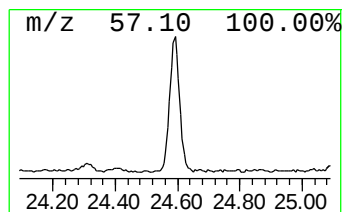
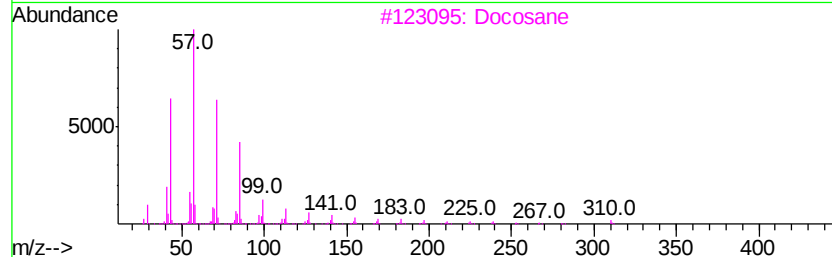
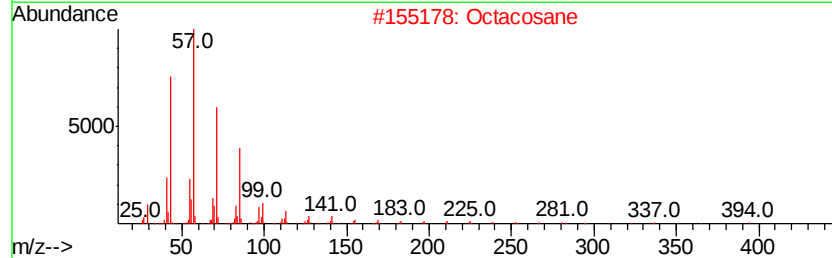
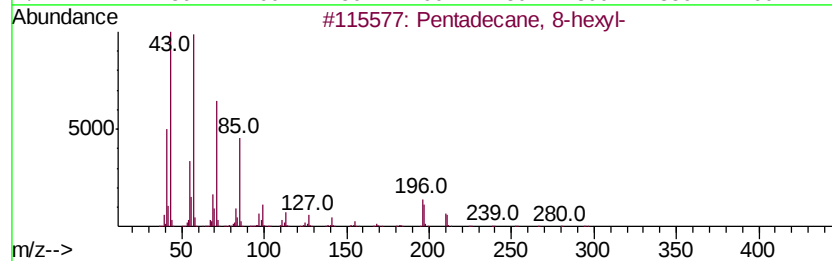
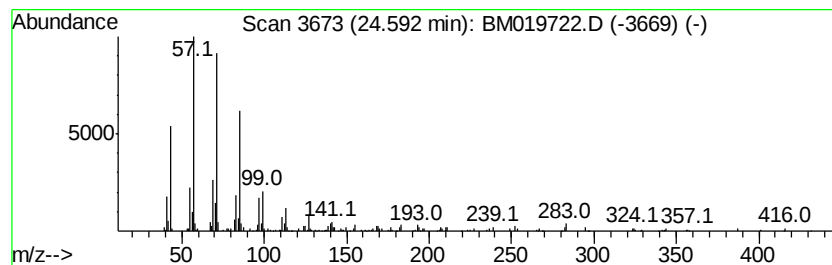
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.59	3.36 ng/ul	445975	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
2		Octacosane	394	C28H58	000630-02-4	83
3		Docosane	310	C22H46	000629-97-0	80
4		Hexadecane	226	C16H34	000544-76-3	80
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019722.D
Acq On : 03 Apr 2019 09:58
Operator : JU/SJ
Sample : K2148-21
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	17.88	2.6	ng/ul	369868	4	16.99	2868360	20.0
(DEL) Alkane: Cyc...	20.90	2.1	ng/ul	343651	5	21.20	3313610	20.0
(DEL) Alkane: Str...	22.70	3.1	ng/ul	406989	6	23.40	2656800	20.0
(DEL) Alkane: Str...	23.87	3.9	ng/ul	516955	6	23.40	2656800	20.0
(DEL) Alkane: Str...	24.59	3.4	ng/ul	445975	6	23.40	2656800	20.0