

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019705.D
 Acq On : 02 Apr 2019 23:30
 Operator : JU/SJ
 Sample : K2148-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5G2

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	30	rVB	44227	67837	0.81%	0.105%
2	4.751	297	300	306	rBV	17835	30499	0.36%	0.047%
3	6.751	634	640	656	rBV	659356	1236548	14.75%	1.919%
4	6.922	663	669	683	rBV	560398	969764	11.57%	1.505%
5	7.104	693	700	714	rBV	786129	1282994	15.30%	1.991%
6	7.569	772	779	787	rBV	541191	875275	10.44%	1.358%
7	7.634	787	790	797	rVB4	11624	20677	0.25%	0.032%
8	8.286	894	901	913	rBV	928722	1675062	19.98%	2.600%
9	8.739	971	978	995	rBV	744879	1298176	15.48%	2.015%
10	9.063	1029	1033	1037	rVB2	12505	16381	0.20%	0.025%
11	9.451	1092	1099	1119	rBV	664040	1148565	13.70%	1.783%
12	9.980	1182	1189	1214	rBV	913540	1754298	20.92%	2.723%
13	10.345	1243	1251	1259	rBV	828342	1388146	16.56%	2.154%
14	10.510	1272	1279	1304	rBV	853192	1843869	21.99%	2.862%
15	11.969	1521	1527	1537	rBV2	8633	20513	0.24%	0.032%
16	13.651	1807	1813	1818	rBV	2261043	3197110	38.13%	4.962%
17	13.698	1818	1821	1833	rVB	285869	411603	4.91%	0.639%
18	13.921	1852	1859	1880	rBV	2601582	3700986	44.14%	5.744%
19	14.227	1905	1911	1924	rVB2	1281716	1979753	23.61%	3.073%
20	14.474	1947	1953	1975	rBV	599518	1448574	17.28%	2.248%
21	14.657	1980	1984	1994	rVV2	58042	113199	1.35%	0.176%
22	14.733	1996	1997	2003	rVB4	6417	9700	0.12%	0.015%
23	15.021	2039	2046	2050	rBV2	8613	16075	0.19%	0.025%
24	15.233	2075	2082	2098	rBV	3301663	4607730	54.95%	7.151%
25	15.380	2101	2107	2119	rBV	1029613	1545932	18.44%	2.399%
26	15.474	2119	2123	2127	rVB	42644	64405	0.77%	0.100%
27	15.933	2198	2201	2208	rBV2	7612	13823	0.16%	0.021%
28	16.021	2210	2216	2220	rVV5	13593	23356	0.28%	0.036%
29	16.409	2274	2282	2285	rBV4	9027	17701	0.21%	0.027%
30	16.780	2341	2345	2349	rVV3	7178	9109	0.11%	0.014%
31	16.992	2374	2381	2388	rBV	1731848	2366693	28.23%	3.673%
32	17.092	2391	2398	2416	rVV	3801458	5376289	64.12%	8.344%
33	17.374	2441	2446	2451	rBV6	10079	16161	0.19%	0.025%
34	17.468	2459	2462	2465	rBV3	8184	11809	0.14%	0.018%

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Integration Parameters: LSCINT.P

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Sampling : 1
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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	17.756	2506	2511	2516	rBV4	8651	15007	0.18%	0.023%
36	17.886	2528	2533	2543	rBV	287064	461691	5.51%	0.717%
37	18.168	2576	2581	2584	rBV4	10387	14038	0.17%	0.022%
38	18.750	2675	2680	2686	rBV5	26331	41840	0.50%	0.065%
39	18.809	2686	2690	2693	rVB6	11363	13444	0.16%	0.021%
40	19.033	2724	2728	2740	rBV2	55986	119500	1.43%	0.185%
41	19.174	2748	2752	2761	rBV2	114260	195611	2.33%	0.304%
42	19.286	2767	2771	2775	rBV	35079	43388	0.52%	0.067%
43	19.397	2784	2790	2799	rBV	4870979	6562691	78.27%	10.186%
44	19.733	2845	2847	2851	rVB4	18068	15026	0.18%	0.023%
45	19.774	2851	2854	2858	rBV	30896	31596	0.38%	0.049%
46	19.933	2878	2881	2884	rVB2	27022	30175	0.36%	0.047%
47	20.433	2962	2966	2970	rBV3	54303	72733	0.87%	0.113%
48	20.709	3011	3013	3016	rBV3	25167	26997	0.32%	0.042%
49	20.744	3016	3019	3024	rVB3	52259	56431	0.67%	0.088%
50	20.897	3041	3045	3055	rBV	319583	438284	5.23%	0.680%
51	21.197	3091	3096	3108	rBV	2457916	3143775	37.49%	4.879%
52	21.333	3115	3119	3123	rBV	150589	178908	2.13%	0.278%
53	21.756	3188	3191	3195	rBV	217482	242037	2.89%	0.376%
54	22.209	3264	3268	3276	rVB	335889	437708	5.22%	0.679%
55	22.333	3285	3289	3294	rVB	222991	291164	3.47%	0.452%
56	22.697	3347	3351	3356	rVB	415182	566639	6.76%	0.879%
57	23.268	3439	3448	3463	rBV2	4422583	8384580	100.00%	13.013%
58	23.403	3464	3471	3480	rVB	1852750	3240566	38.65%	5.029%
59	23.874	3546	3551	3558	rVB	378386	681866	8.13%	1.058%
60	24.591	3668	3673	3681	rVB	268070	566906	6.76%	0.880%

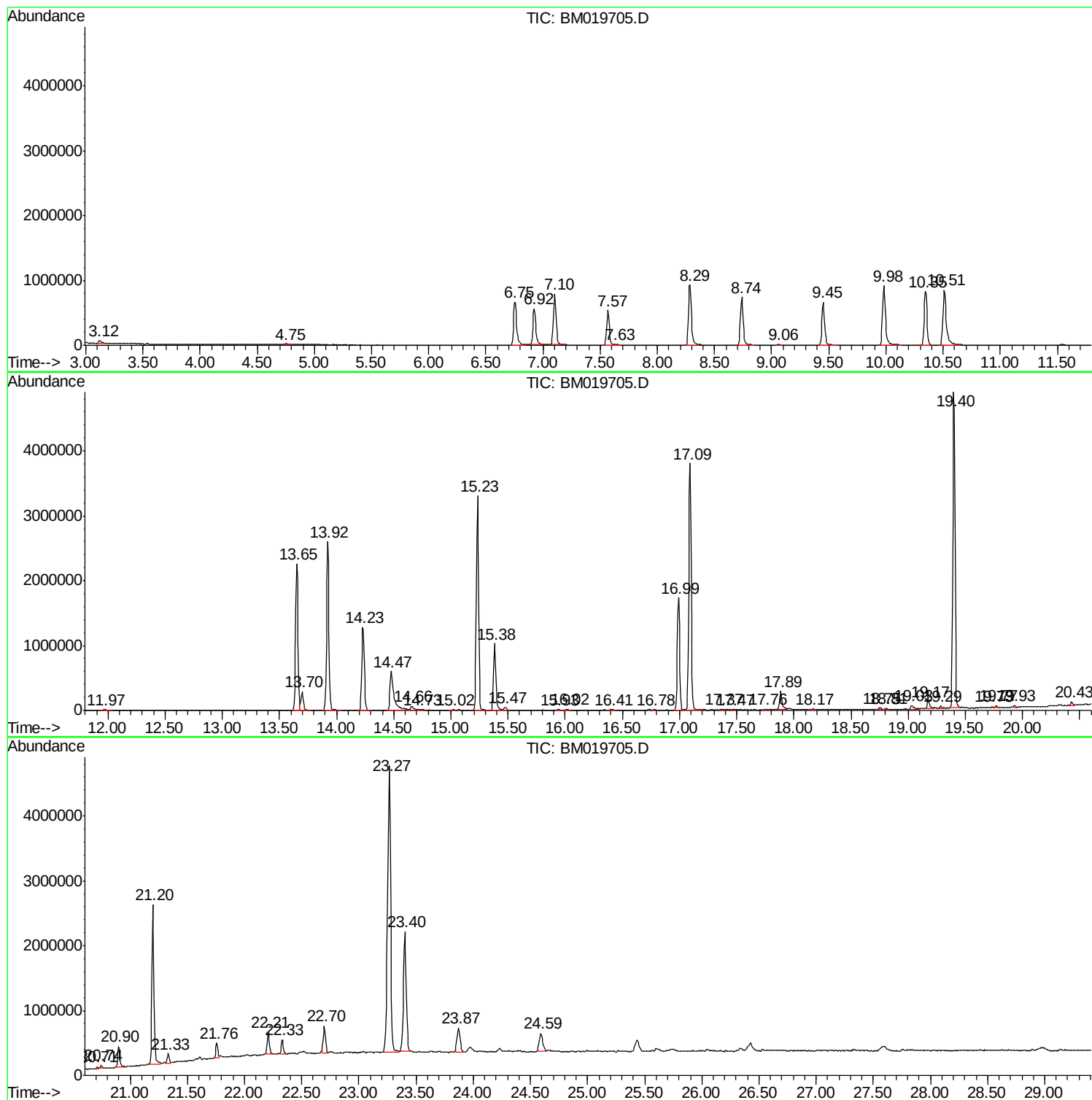
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Quant Title : SVOA CALIBRATION

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



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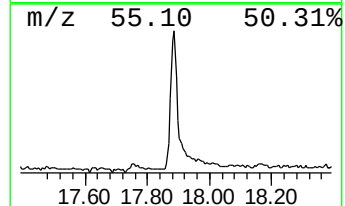
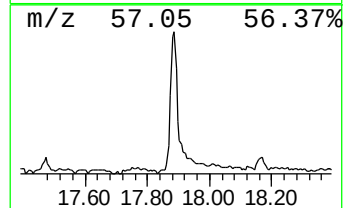
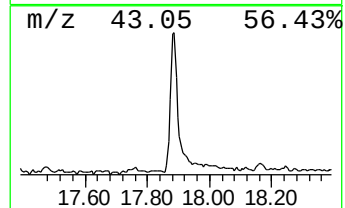
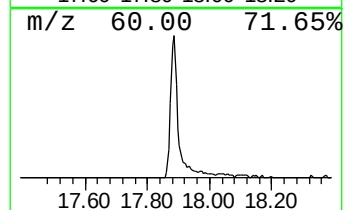
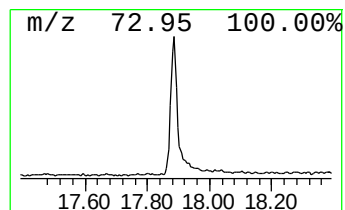
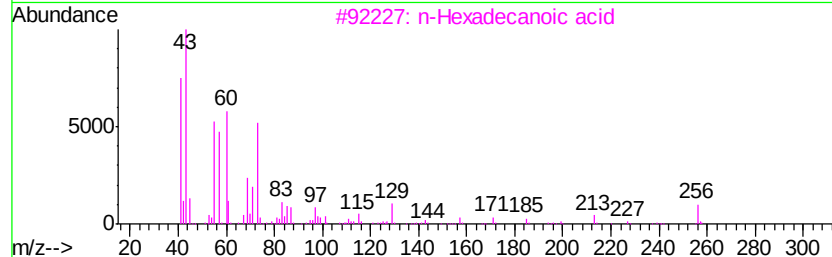
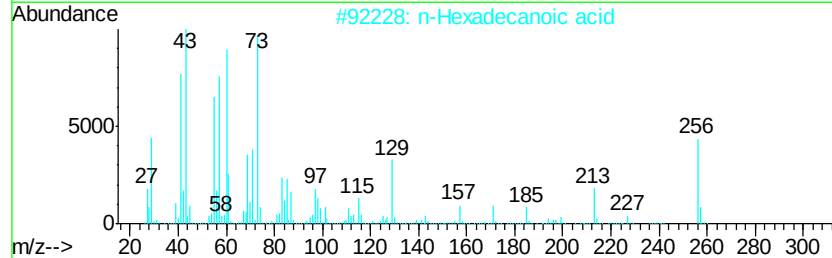
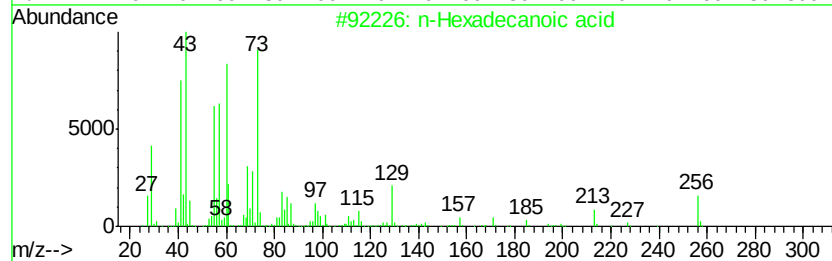
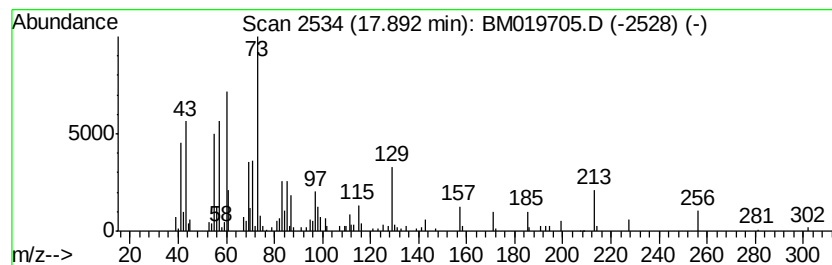
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	3.90 ng/ul	461691	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	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53



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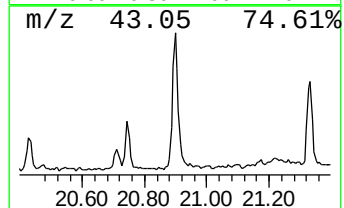
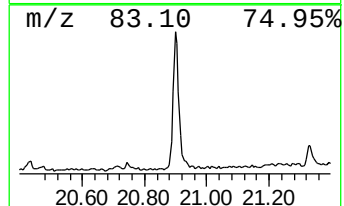
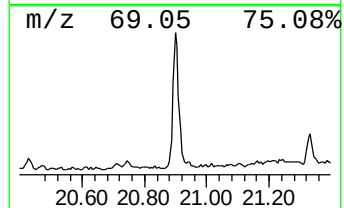
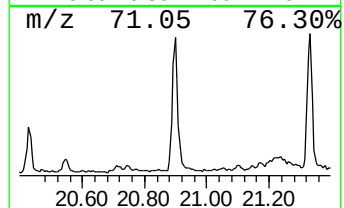
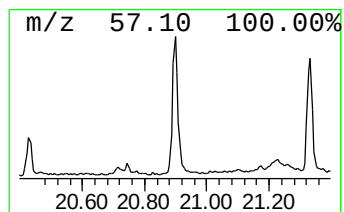
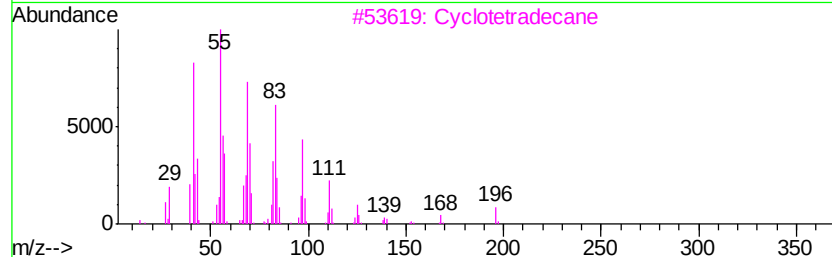
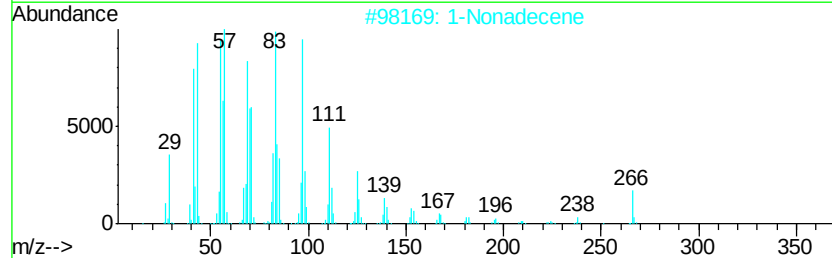
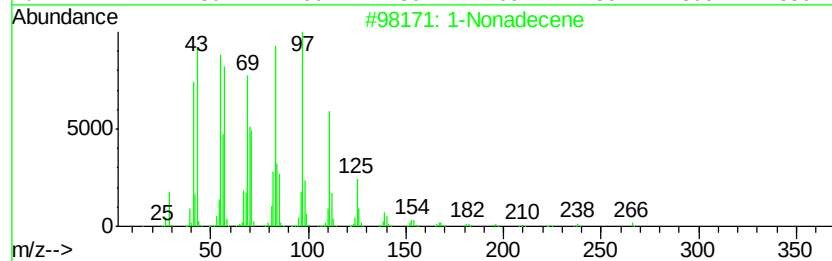
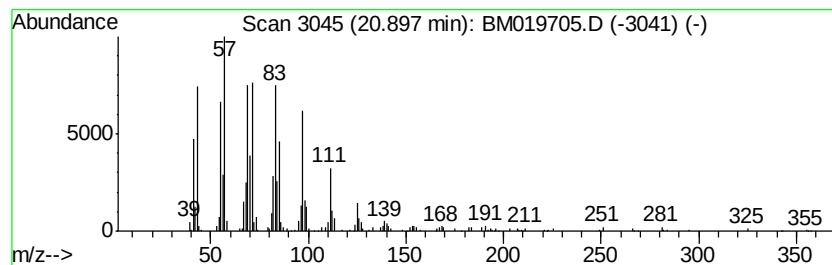
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.90	2.79 ng/ul	438284	Chrysene-d12	21.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	Cyclotetradecane	196	C14H28	000295-17-0	90
4	Heptafluorobutanoic acid, heptadecanoic acid	452	C21H35F7O2	1000282-97-3	87
5	Trifluoroacetic acid, n-octadecanoic acid	366	C20H37F3O2	079392-43-1	87



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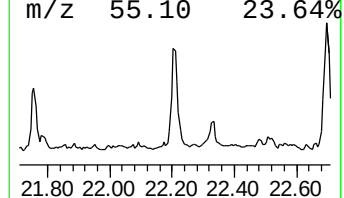
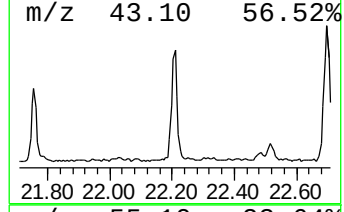
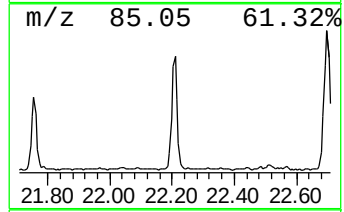
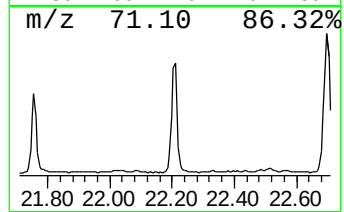
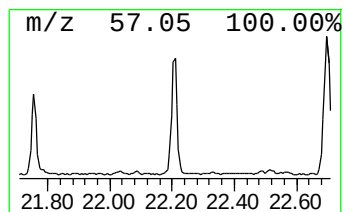
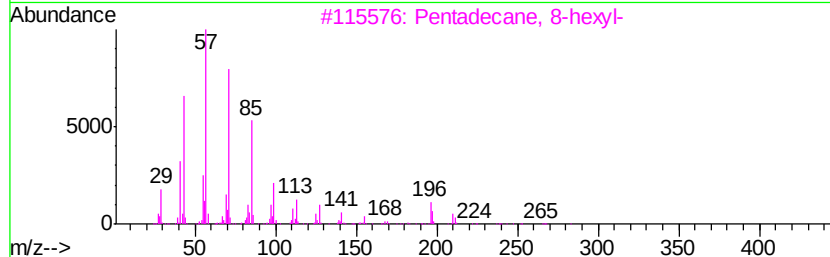
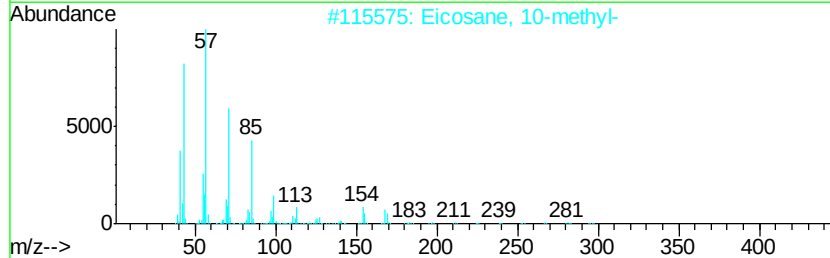
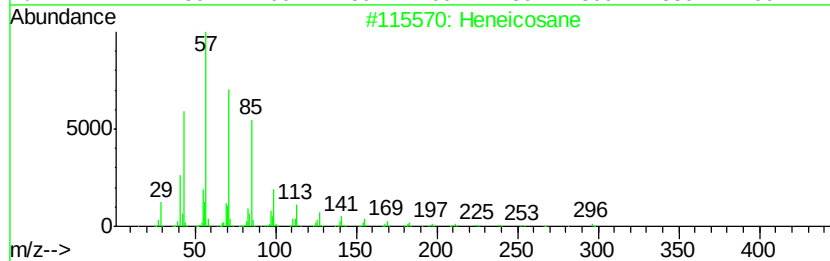
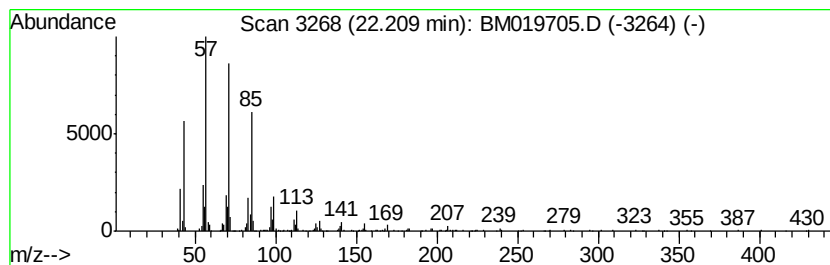
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.78 ng/ul	437708	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Octadecane	254	C18H38	000593-45-3	87



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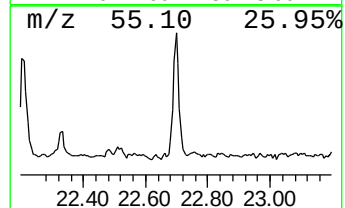
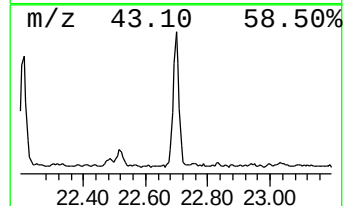
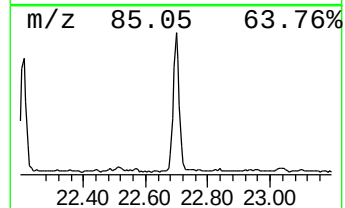
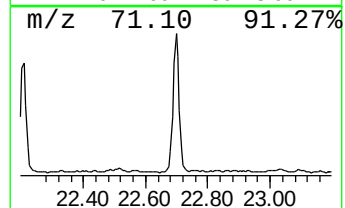
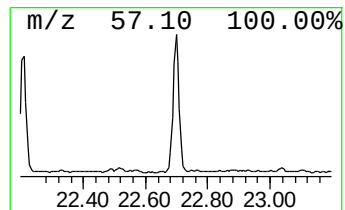
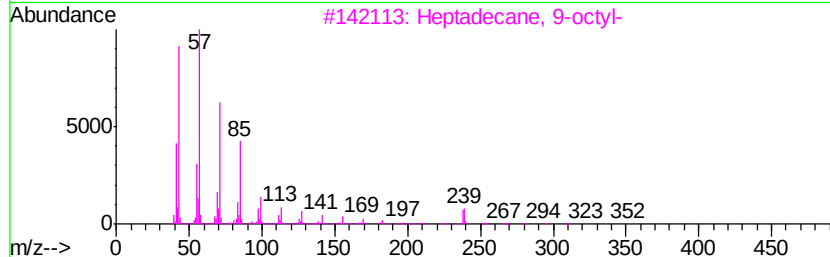
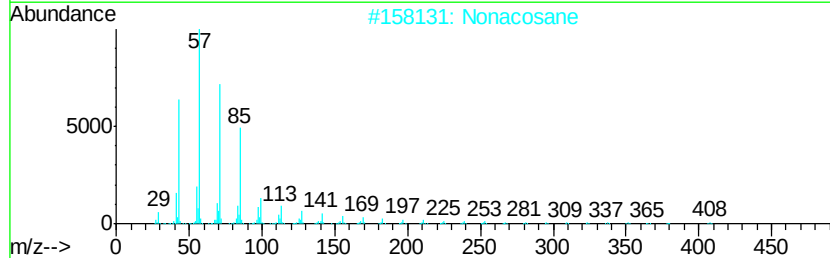
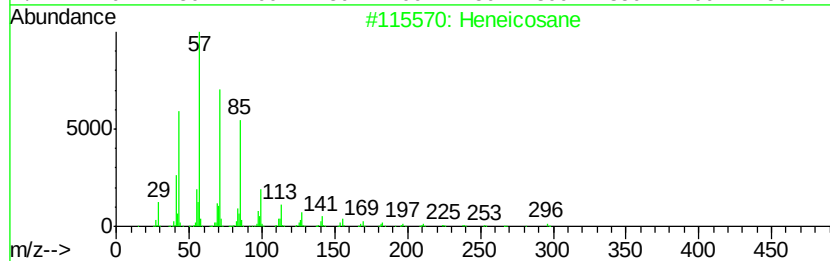
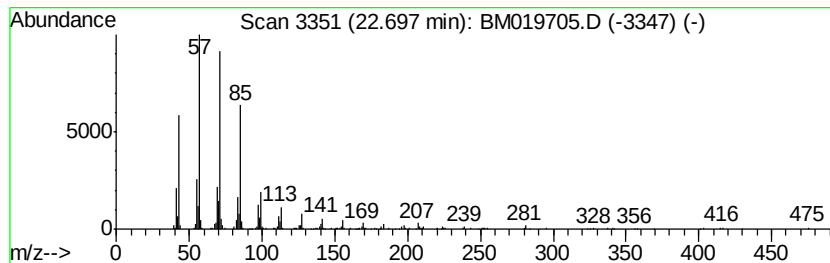
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Quant Title : SVOA CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.50 ng/ul	566639	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5		Heptadecane	240	C17H36	000629-78-7	87



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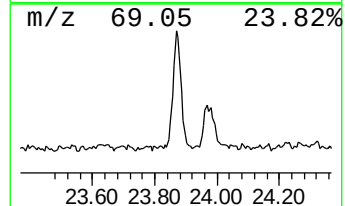
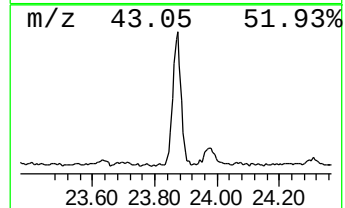
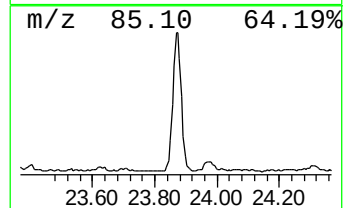
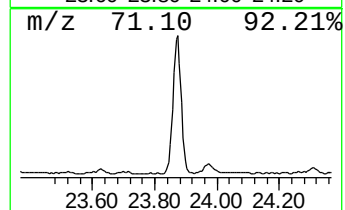
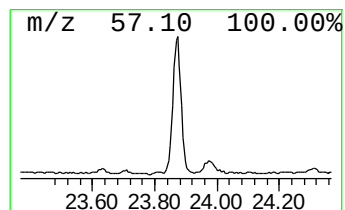
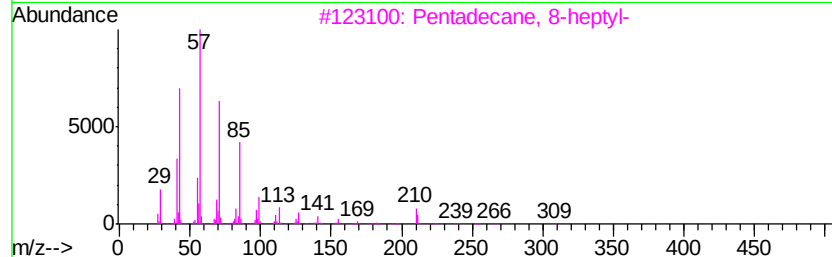
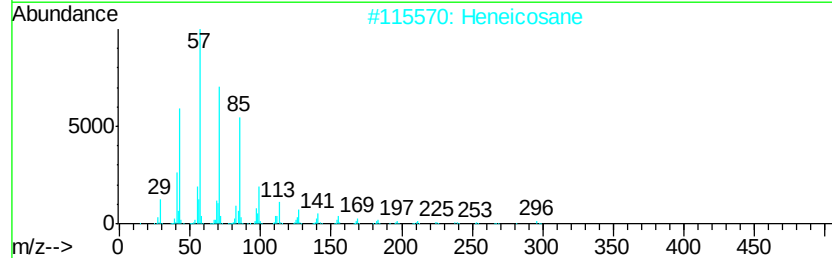
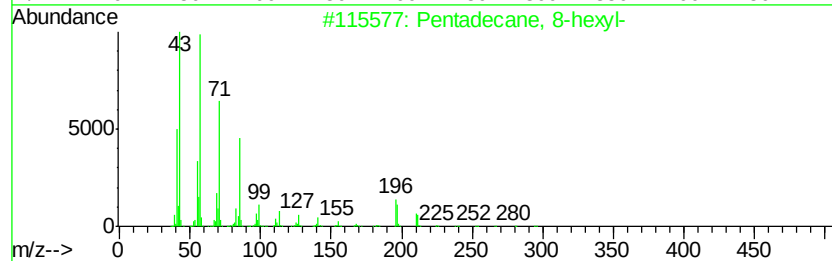
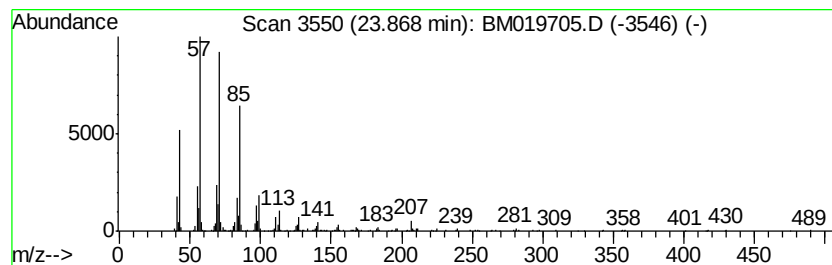
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	4.21 ng/ul	681866	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019705.D
Acq On : 02 Apr 2019 23:30
Operator : JU/SJ
Sample : K2148-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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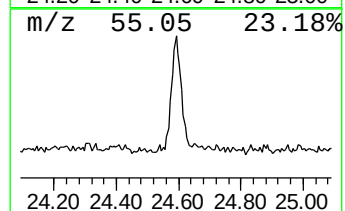
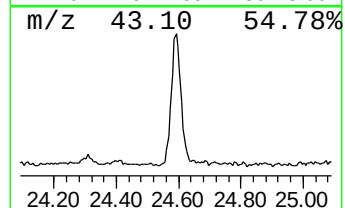
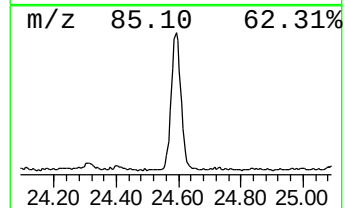
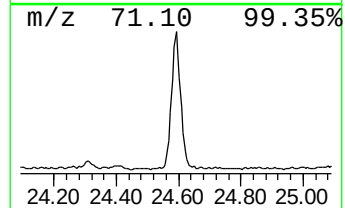
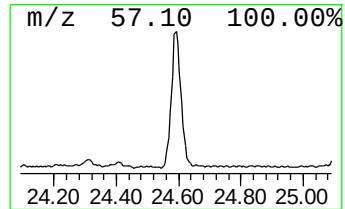
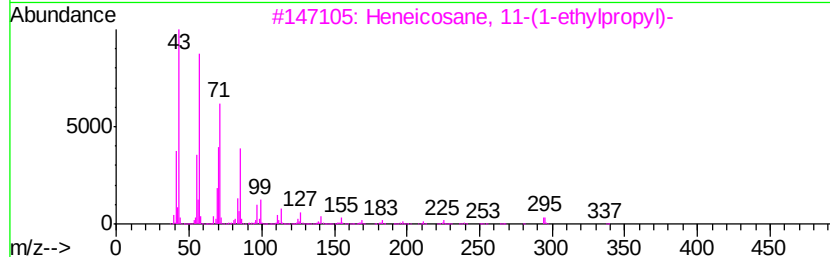
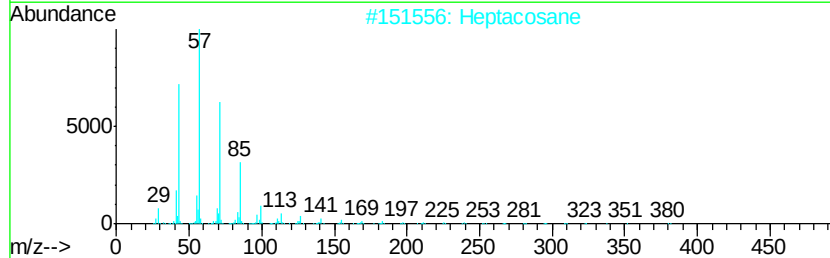
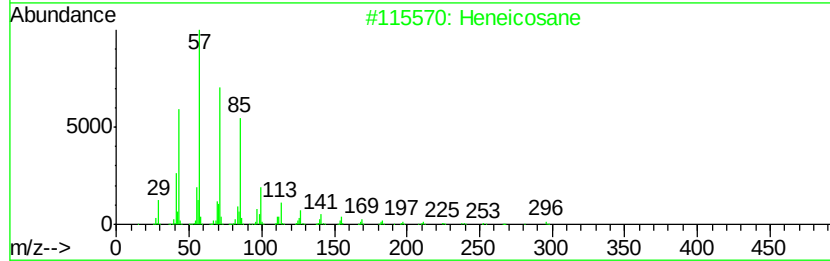
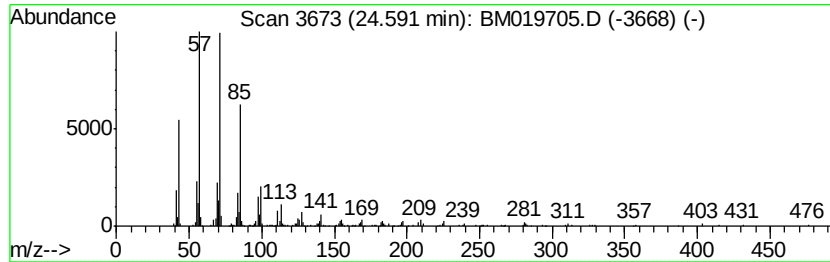
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.59	3.50 ng/ul	566906	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetratetracontane	619	C44H90	007098-22-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019705.D
Acq On : 02 Apr 2019 23:30
Operator : JU/SJ
Sample : K2148-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5G2

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	17.89	3.9	ng/ul	461691	4	16.99	2366690	20.0
(DEL) Alkane: Cyc...	20.90	2.8	ng/ul	438284	5	21.20	3143780	20.0
(DEL) Alkane: Str...	22.21	2.8	ng/ul	437708	5	21.20	3143780	20.0
(DEL) Alkane: Str...	22.70	3.5	ng/ul	566639	6	23.40	3240570	20.0
(DEL) Alkane: Str...	23.87	4.2	ng/ul	681866	6	23.40	3240570	20.0
(DEL) Alkane: Str...	24.59	3.5	ng/ul	566906	6	23.40	3240570	20.0