

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
 Data File : BM019632.D
 Acq On : 30 Mar 2019 22:54
 Operator : JU/SJ
 Sample : K2068-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC98

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	32	rBV	34937	55882	0.99%	0.119%
2	4.722	290	295	299	rBV3	4427	8469	0.15%	0.018%
3	4.775	301	304	310	rBV7	3492	7466	0.13%	0.016%
4	6.757	634	641	655	rBV	509408	997075	17.72%	2.119%
5	6.928	664	670	687	rBV	390673	712727	12.67%	1.515%
6	7.104	694	700	711	rBV	550375	959836	17.06%	2.040%
7	7.575	773	780	789	rBV	492165	823840	14.64%	1.751%
8	7.634	789	790	796	rVB4	5614	6458	0.11%	0.014%
9	8.287	895	901	917	rBV	654638	1178008	20.94%	2.504%
10	8.739	972	978	993	rBV	507430	911504	16.20%	1.937%
11	9.069	1029	1034	1042	rVB2	8929	15295	0.27%	0.033%
12	9.457	1093	1100	1116	rBV	429233	792728	14.09%	1.685%
13	9.986	1183	1190	1211	rBV	613490	1207670	21.47%	2.567%
14	10.351	1244	1252	1265	rBV	775171	1259128	22.38%	2.676%
15	10.516	1273	1280	1295	rBV	526612	1162727	20.67%	2.471%
16	11.963	1522	1526	1538	rVB2	5845	13753	0.24%	0.029%
17	13.651	1807	1813	1818	rBV	1226747	1777192	31.59%	3.777%
18	13.704	1818	1822	1831	rVB	238247	360964	6.42%	0.767%
19	13.927	1849	1860	1872	rBV	1491315	2279289	40.52%	4.844%
20	14.233	1906	1912	1920	rBV2	1138935	1684084	29.94%	3.579%
21	14.480	1948	1954	1980	rBV	287933	822672	14.62%	1.748%
22	14.663	1980	1985	1994	rVB	50176	89635	1.59%	0.191%
23	15.074	2049	2055	2059	rVV	5939	7761	0.14%	0.016%
24	15.233	2076	2082	2097	rBV	1977821	2808504	49.92%	5.969%
25	15.380	2102	2107	2119	rBV	575043	852523	15.15%	1.812%
26	15.474	2119	2123	2129	rVB3	25051	40762	0.72%	0.087%
27	15.939	2198	2202	2209	rVB4	5961	9491	0.17%	0.020%
28	16.015	2209	2215	2220	rBV3	6747	11164	0.20%	0.024%
29	16.133	2228	2235	2238	rBV2	5681	9407	0.17%	0.020%
30	16.398	2275	2280	2286	rBV4	9824	18300	0.33%	0.039%
31	16.786	2342	2346	2350	rVB4	6778	8668	0.15%	0.018%
32	16.992	2375	2381	2392	rBV	1501846	2058936	36.60%	4.376%
33	17.092	2392	2398	2409	rBV	2253012	3110551	55.29%	6.611%
34	17.380	2442	2447	2449	rBV3	5796	10879	0.19%	0.023%

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35	17.656	2489	2494	2500	rBV4	4980	9673	0.17%	0.021%
36	17.886	2527	2533	2547	rBV	420180	705871	12.55%	1.500%
37	18.174	2577	2582	2585	rBV4	11961	16114	0.29%	0.034%
38	18.692	2666	2670	2673	rVB5	5221	7232	0.13%	0.015%
39	18.739	2673	2678	2679	rBV5	6636	9978	0.18%	0.021%
40	18.809	2687	2690	2694	rBV5	5211	8165	0.15%	0.017%
41	19.033	2724	2728	2731	rBV	41305	58099	1.03%	0.123%
42	19.174	2748	2752	2768	rBV	170039	339542	6.04%	0.722%
43	19.286	2768	2771	2775	rVB	20196	29544	0.53%	0.063%
44	19.398	2784	2790	2803	rBV	2845254	3817383	67.86%	8.113%
45	19.909	2874	2877	2880	rBV4	24541	33614	0.60%	0.071%
46	20.433	2963	2966	2969	rBV3	32097	34474	0.61%	0.073%
47	20.745	3017	3019	3023	rVB3	21744	20511	0.36%	0.044%
48	20.897	3041	3045	3054	rBV	848473	1097807	19.51%	2.333%
49	21.197	3091	3096	3108	rBV	2369909	3063553	54.46%	6.511%
50	21.333	3116	3119	3124	rBV2	104180	119644	2.13%	0.254%
51	21.762	3188	3192	3194	rBV	166656	206426	3.67%	0.439%
52	22.209	3265	3268	3273	rVB	254669	332843	5.92%	0.707%
53	22.703	3348	3352	3358	rVB	319945	458517	8.15%	0.974%
54	23.262	3440	3447	3455	rBV2	3104372	5625467	100.00%	11.956%
55	23.403	3464	3471	3482	rVB	1823772	3374765	59.99%	7.172%
56	23.874	3547	3551	3560	rVB	340808	596501	10.60%	1.268%
57	23.974	3563	3568	3579	rVB2	252381	514894	9.15%	1.094%
58	24.597	3670	3674	3681	rVB	257081	498488	8.86%	1.059%

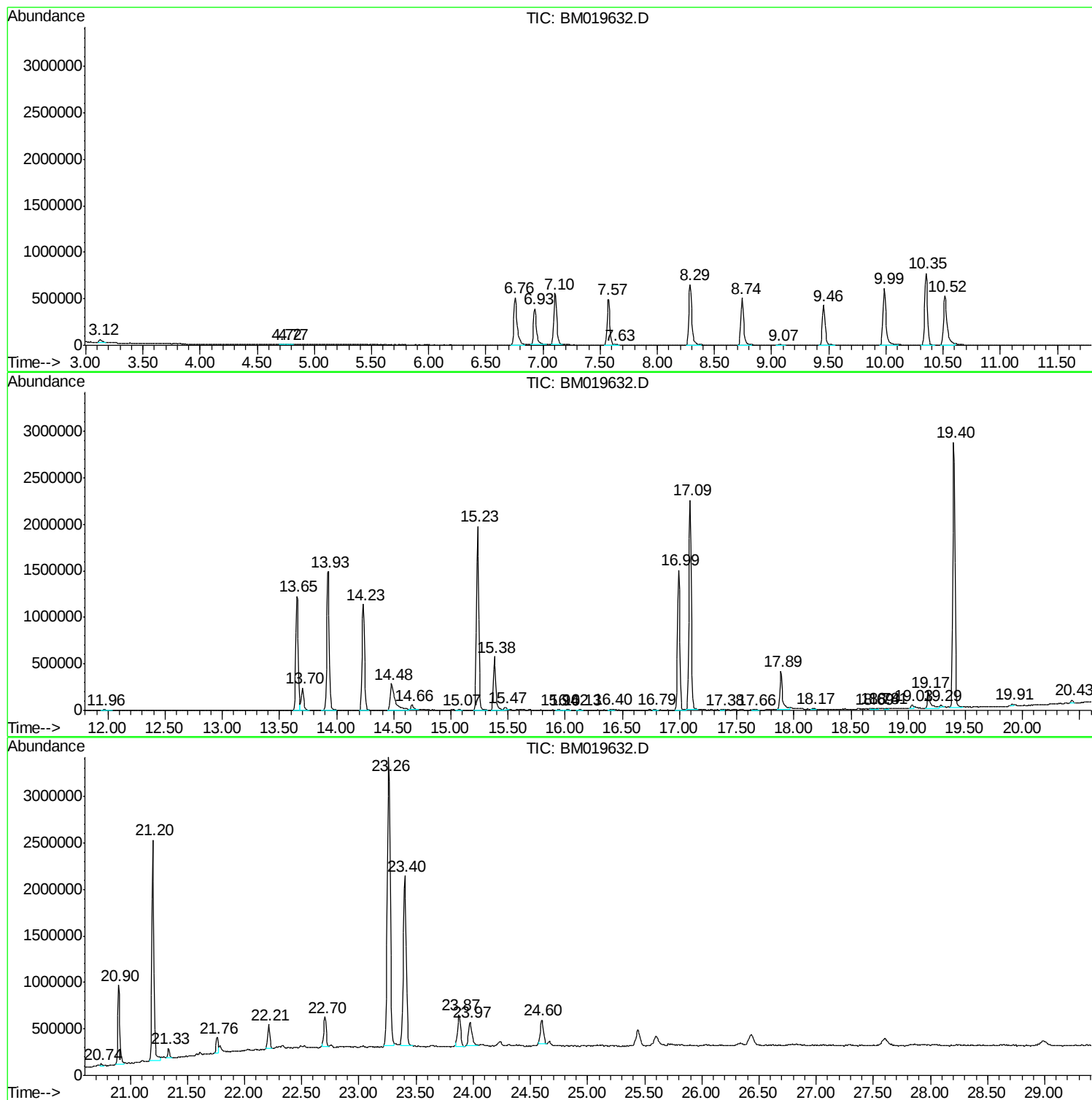
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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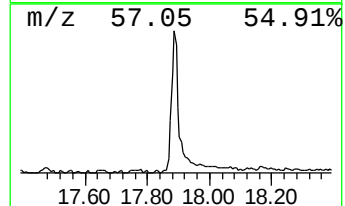
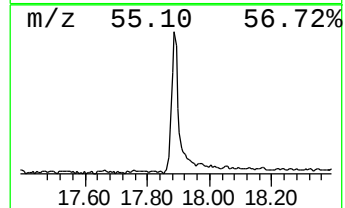
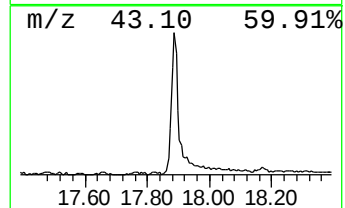
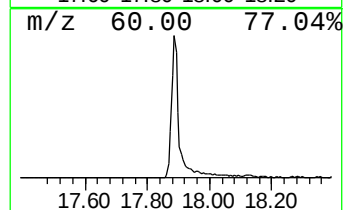
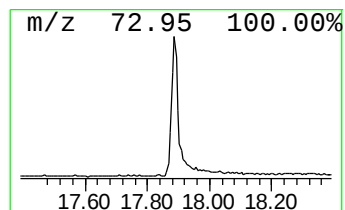
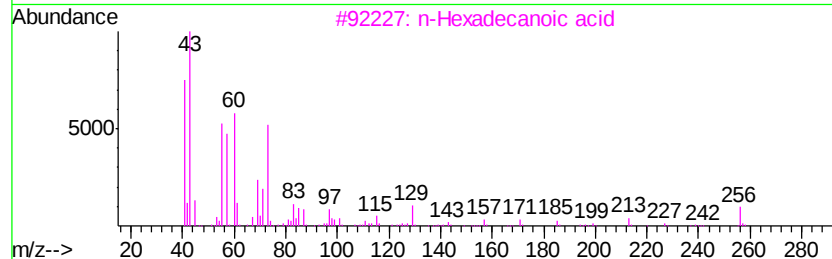
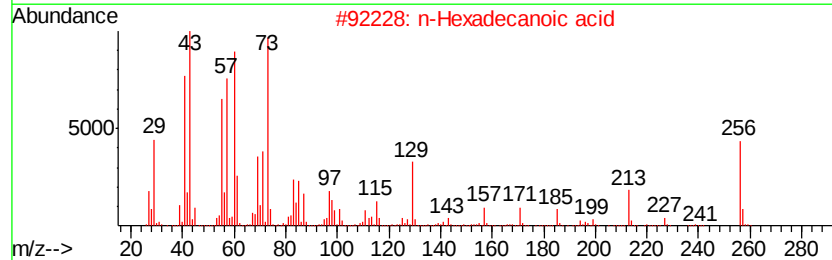
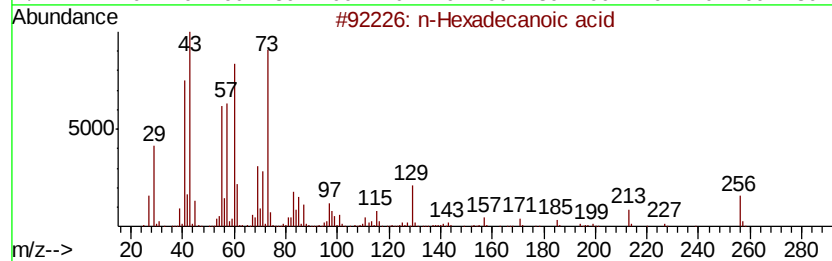
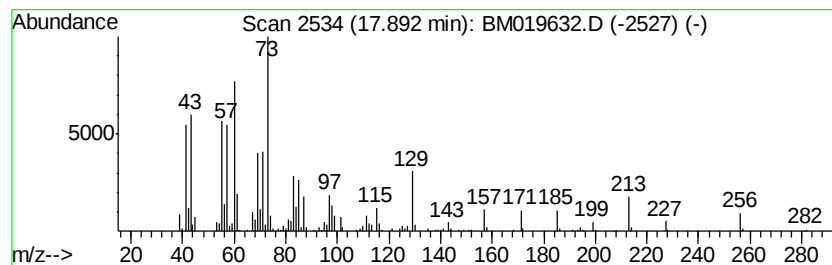
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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	6.86 ng/ul	705871	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	96
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
4	Tridecanoic acid		214	C13H26O2	000638-53-9	64
5	Tridecanoic acid		214	C13H26O2	000638-53-9	59



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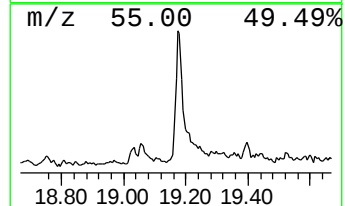
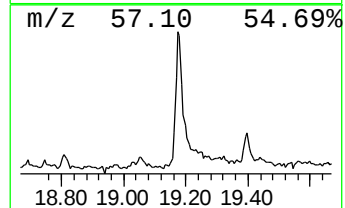
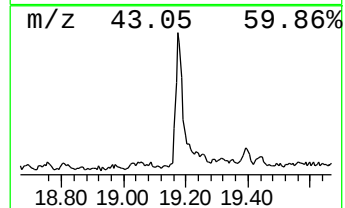
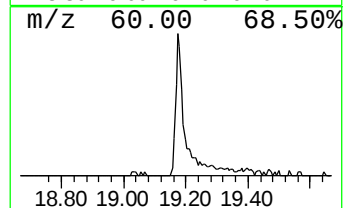
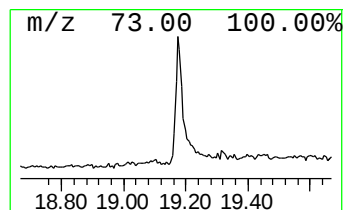
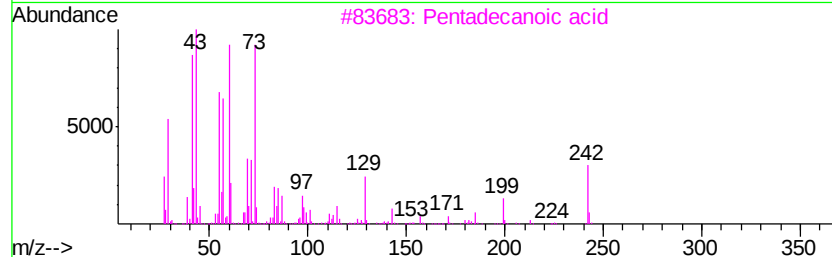
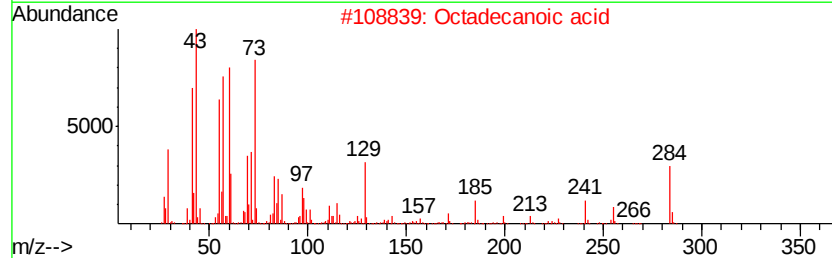
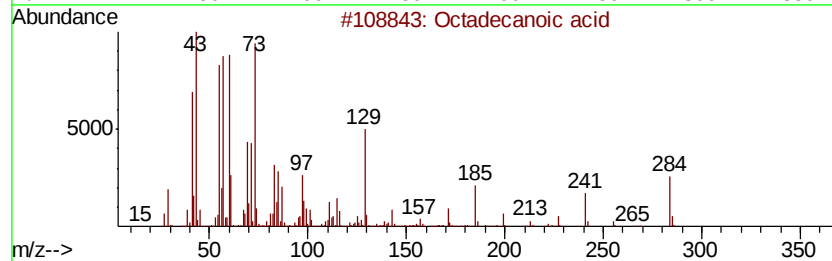
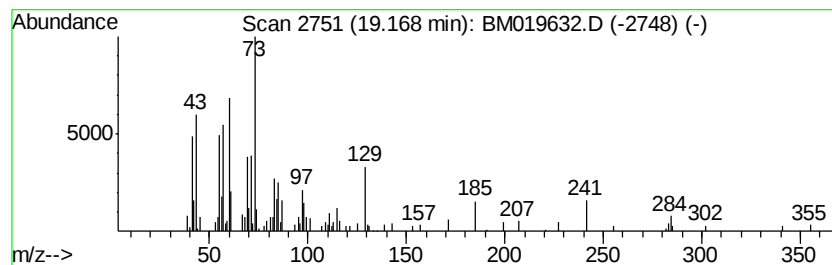
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.22 ng/ul	339542	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	89
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	87



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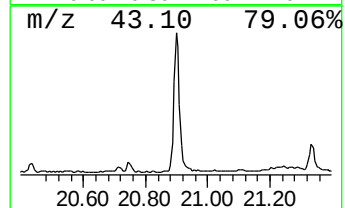
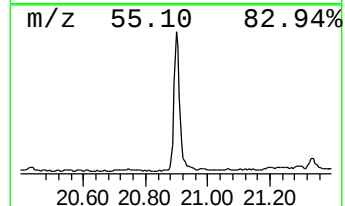
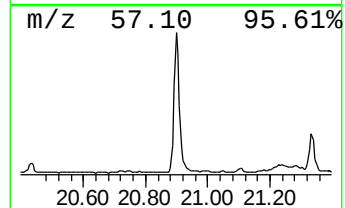
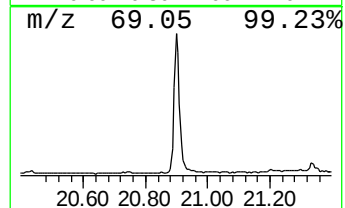
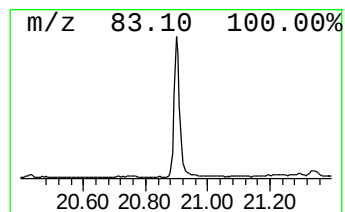
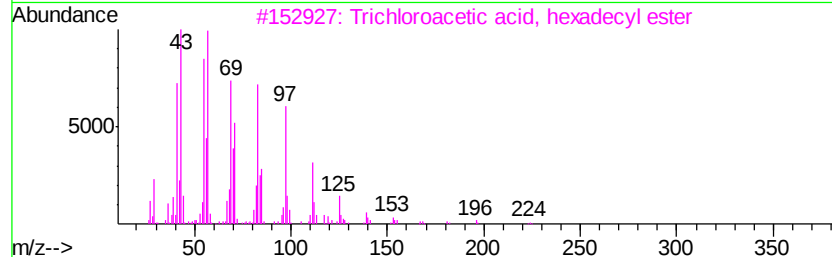
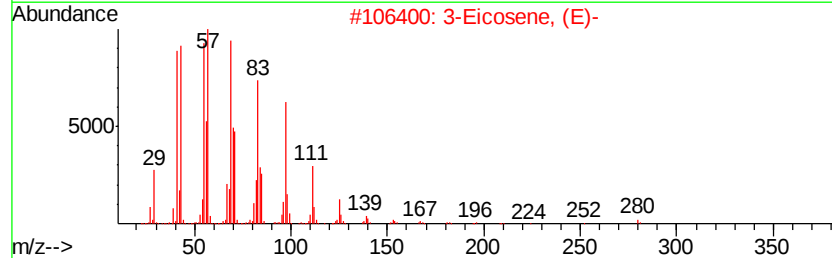
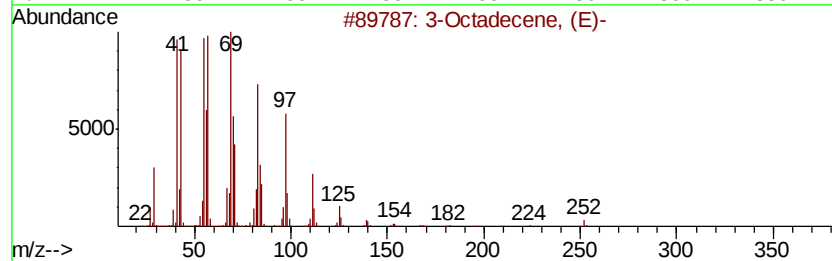
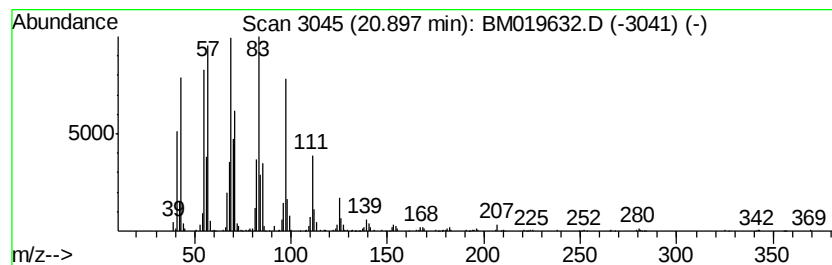
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.17 ng/ul	1097810	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octadecene, (E)-	252	C18H36	007206-19-1	94
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		1-Hexadecanol	242	C16H34O	036653-82-4	87



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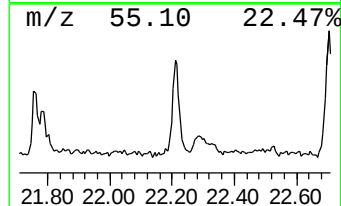
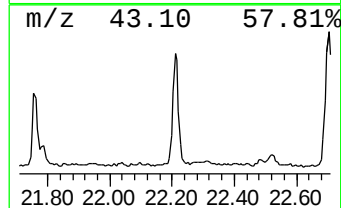
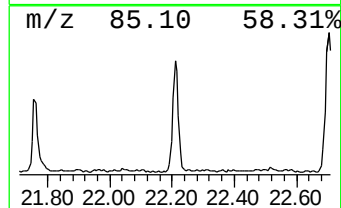
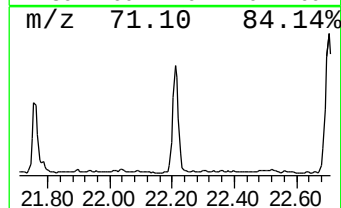
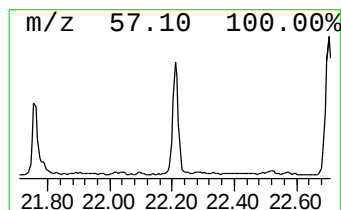
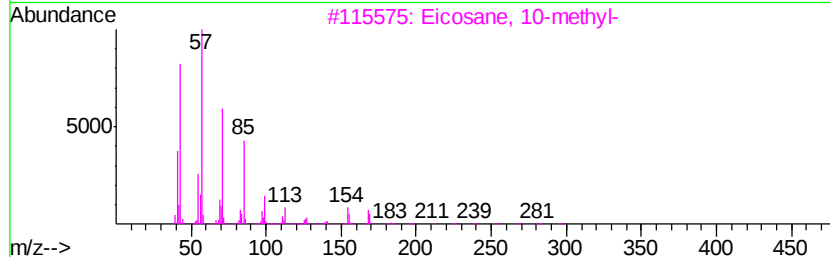
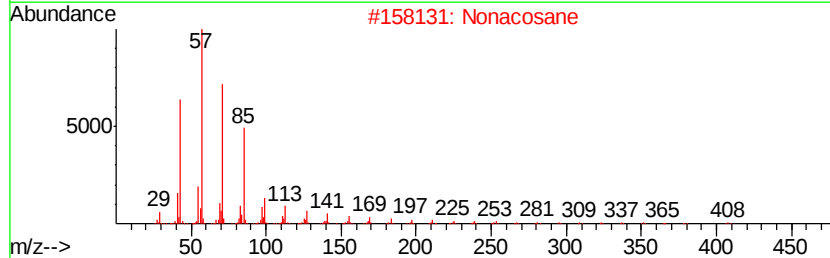
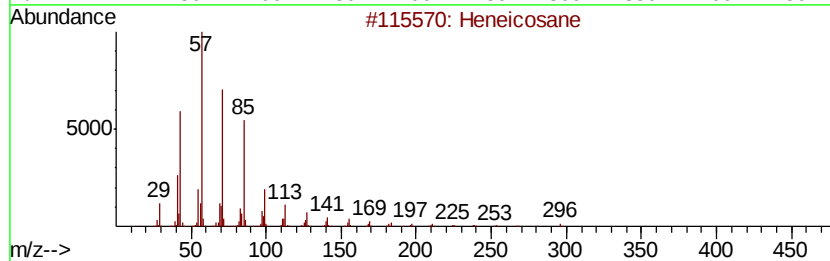
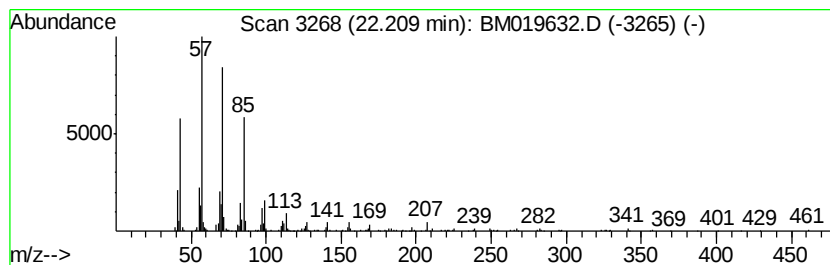
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.17 ng/ul	332843	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Nonacosane	408	C29H60	000630-03-5	91
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4			Docosane	310	C22H46	000629-97-0	87
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



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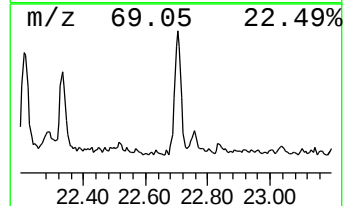
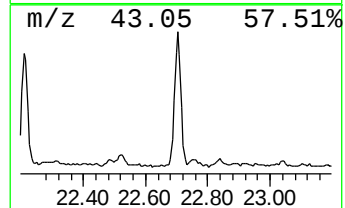
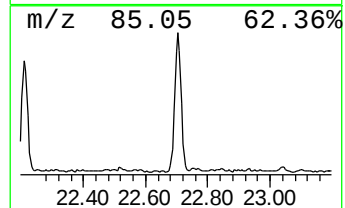
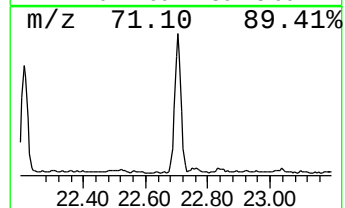
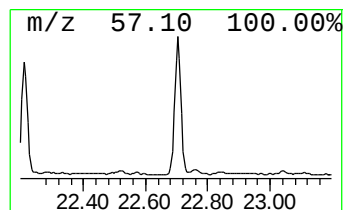
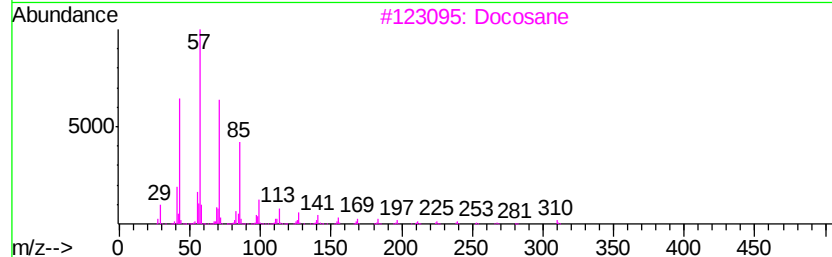
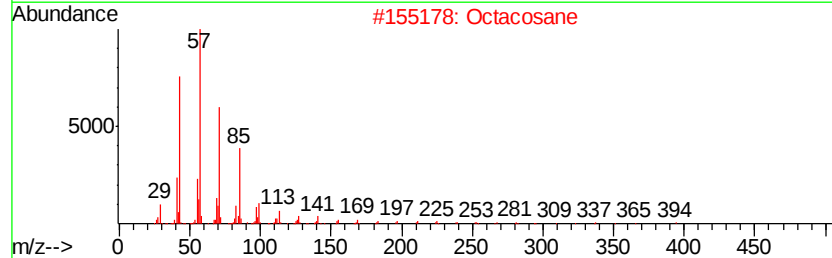
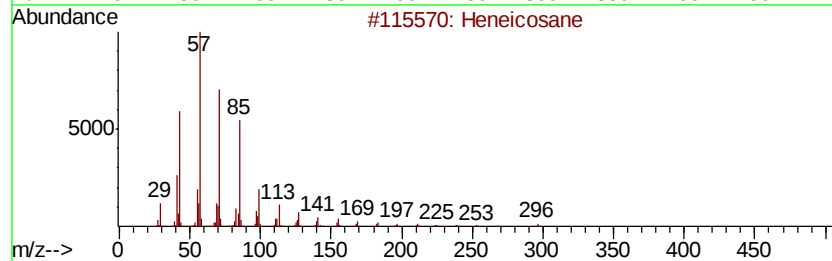
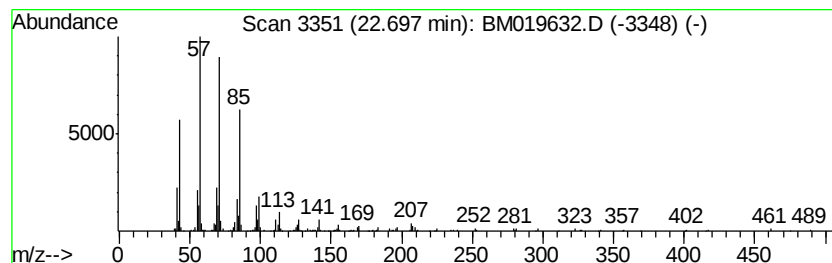
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.72 ng/ul	458517	Perylene-d12	23.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Octacosane		394	C28H58	000630-02-4	87
3	Docosane		310	C22H46	000629-97-0	87
4	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	87
5	Nonacosane		408	C29H60	000630-03-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019632.D
Acq On : 30 Mar 2019 22:54
Operator : JU/SJ
Sample : K2068-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC98

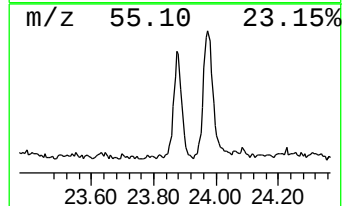
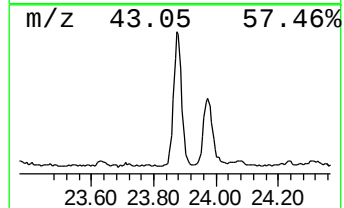
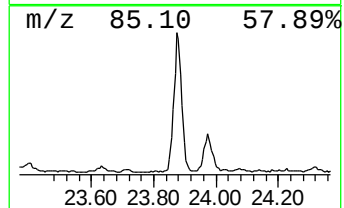
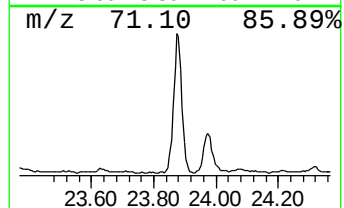
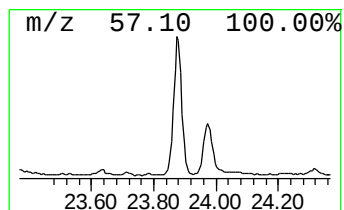
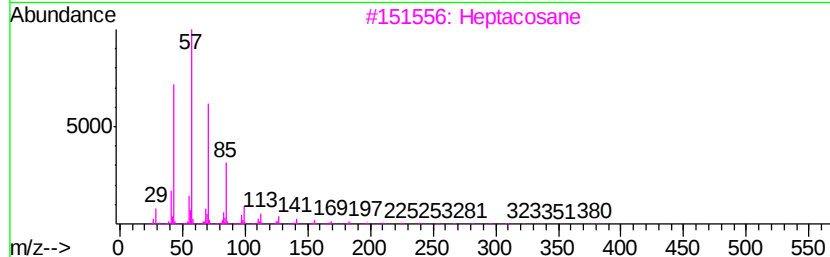
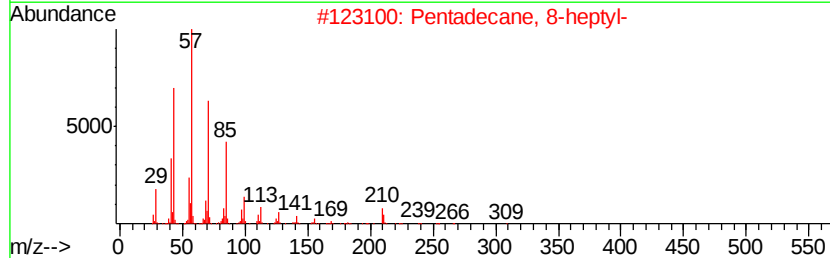
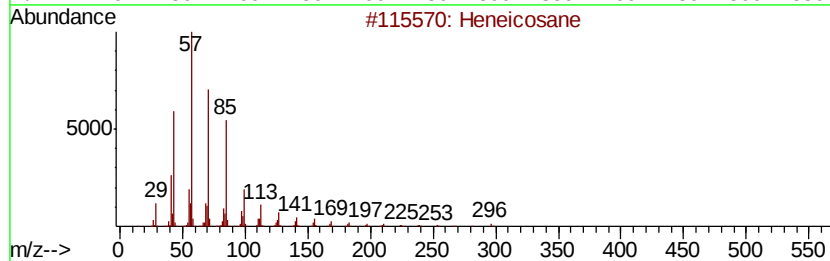
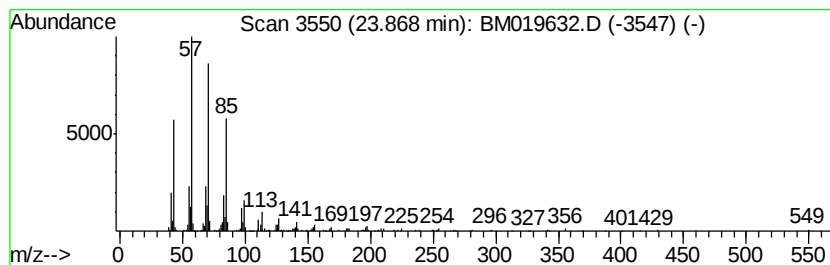
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Quant Title : SVOA CALIBRATION

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.
23.87	3.54 ng/ul	596501	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019632.D
Acq On : 30 Mar 2019 22:54
Operator : JU/SJ
Sample : K2068-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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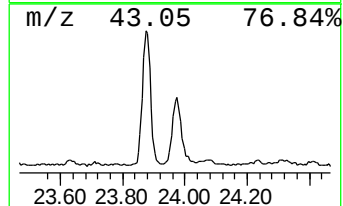
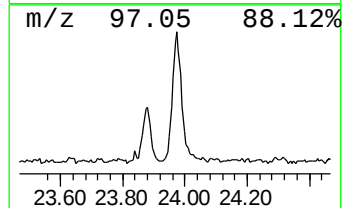
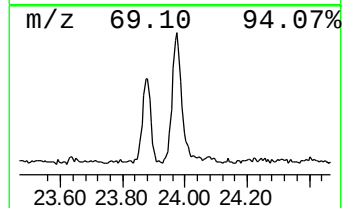
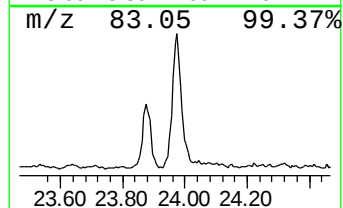
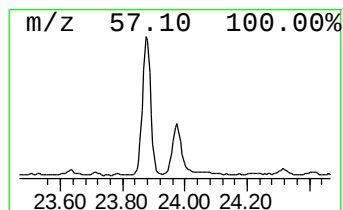
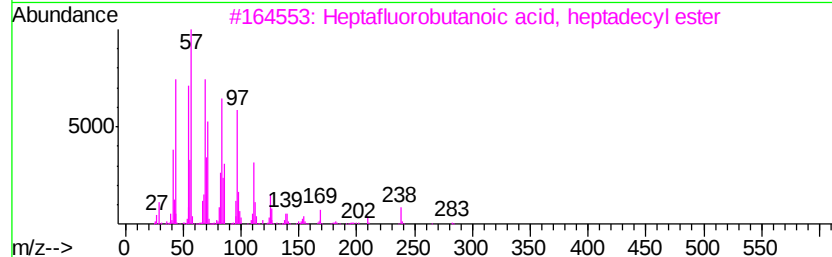
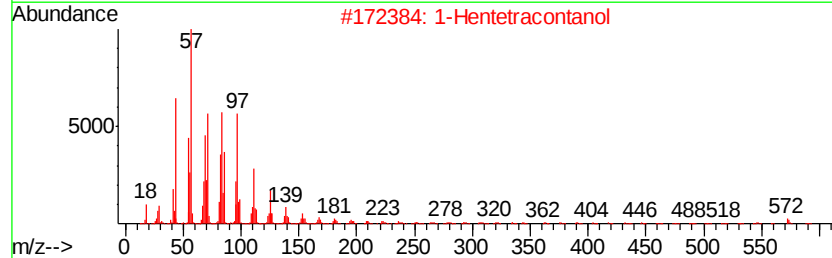
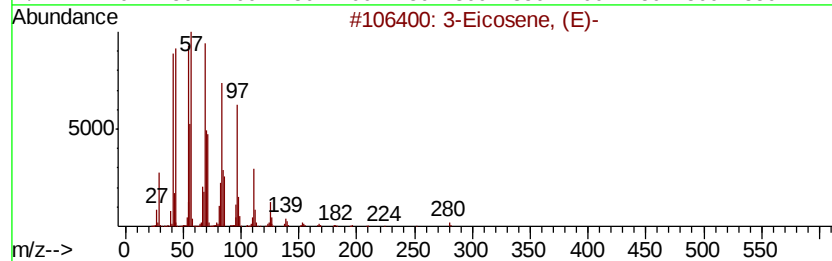
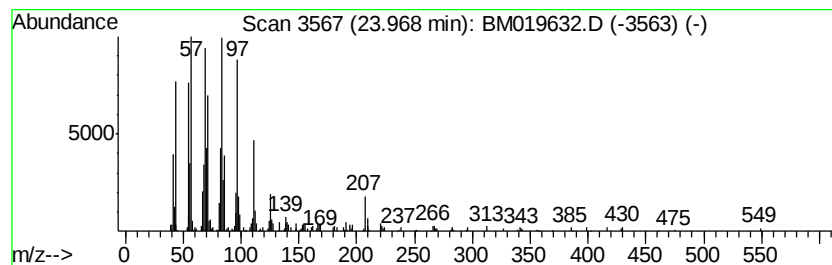
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic23.97 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.05 ng/ul	514894	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
2		1-Hentetracontanol	593	C41H84O	040710-42-7	64
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	62
4		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	59
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
 Data File : BM019632.D
 Acq On : 30 Mar 2019 22:54
 Operator : JU/SJ
 Sample : K2068-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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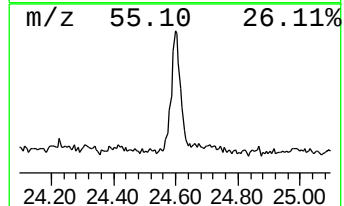
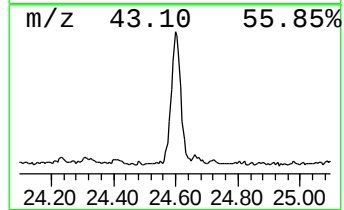
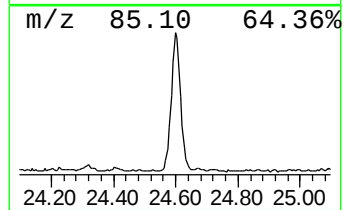
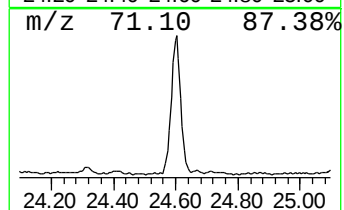
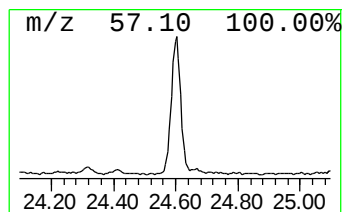
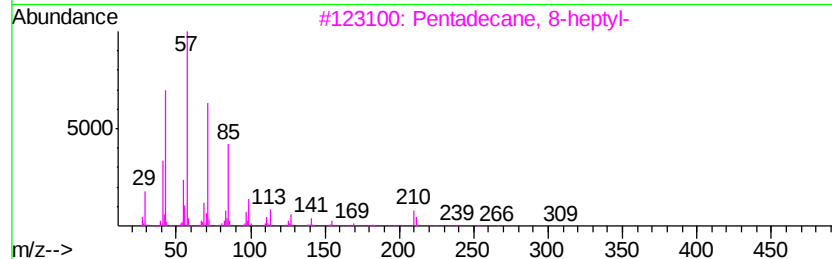
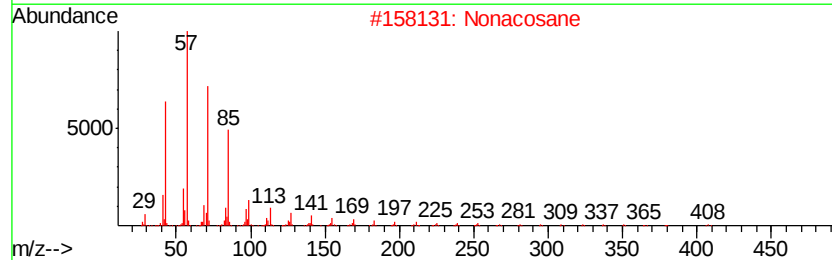
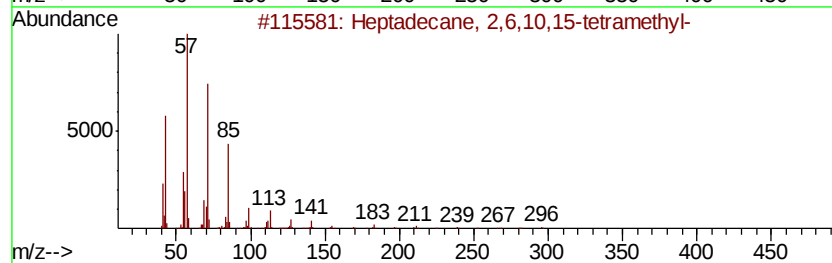
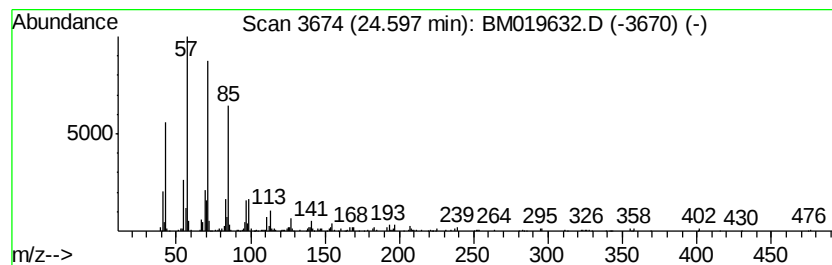
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	2.95 ng/ul	498488	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Nonacosane	408	C29H60	000630-03-5	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019632.D
Acq On : 30 Mar 2019 22:54
Operator : JU/SJ
Sample : K2068-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC98

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	6.9	ng/ul	705871	4	16.99	2058940	20.0
Octadecanoic acid	19.17	2.2	ng/ul	339542	5	21.20	3063550	20.0
(DEL) Alkane: Cyc...	20.90	7.2	ng/ul	1097810	5	21.20	3063550	20.0
(DEL) Alkane: Str...	22.21	2.2	ng/ul	332843	5	21.20	3063550	20.0
(DEL) Alkane: Str...	22.70	2.7	ng/ul	458517	6	23.40	3374770	20.0
(DEL) Alkane: Str...	23.87	3.5	ng/ul	596501	6	23.40	3374770	20.0
(DEL) Alkane: Cyc...	23.97	3.0	ng/ul	514894	6	23.40	3374770	20.0
(DEL) Alkane: Str...	24.60	3.0	ng/ul	498488	6	23.40	3374770	20.0