

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005757.D
 Acq On : 18 May 2019 17:36
 Operator : JU/SJ
 Sample : K2690-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5155

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_N\METHODS\SOM-EPA-BN051819MA.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	6.764	637	642	655	rBV	279946	578129	14.67%	1.555%
2	6.922	663	669	682	rVB	247046	423976	10.76%	1.141%
3	7.111	695	701	715	rVB	329503	594554	15.08%	1.600%
4	7.575	774	780	790	rVB	374426	668989	16.97%	1.800%
5	8.281	894	900	916	rBV	392516	768835	19.51%	2.069%
6	8.722	968	975	985	rBV	342572	626825	15.90%	1.686%
7	9.440	1091	1097	1111	rVB	300070	550518	13.97%	1.481%
8	9.981	1182	1189	1207	rBV	366095	802074	20.35%	2.158%
9	10.334	1242	1249	1258	rBV	621172	1048574	26.60%	2.821%
10	10.487	1268	1275	1294	rBV	313956	780019	19.79%	2.099%
11	11.981	1523	1529	1533	rBV3	5453	9838	0.25%	0.026%
12	13.110	1715	1721	1728	rVB2	14146	21394	0.54%	0.058%
13	13.628	1802	1809	1814	rBV	920408	1421783	36.07%	3.825%
14	13.681	1814	1818	1832	rVB	269696	434105	11.01%	1.168%
15	13.904	1849	1856	1868	rBV	1095878	1677933	42.57%	4.514%
16	14.210	1902	1908	1919	rBV2	1018799	1602890	40.67%	4.312%
17	14.463	1945	1951	1968	rBV	189728	532449	13.51%	1.433%
18	14.675	1985	1987	1991	rBV5	3142	4491	0.11%	0.012%
19	15.087	2054	2057	2061	rVB2	3730	4437	0.11%	0.012%
20	15.216	2072	2079	2089	rBV	1362273	2127820	53.99%	5.725%
21	15.381	2102	2107	2116	rBV	307065	569354	14.45%	1.532%
22	15.463	2118	2121	2133	rVB3	22368	36945	0.94%	0.099%
23	15.951	2201	2204	2206	rBV3	3805	4302	0.11%	0.012%
24	16.063	2219	2223	2229	rBV	7012	9105	0.23%	0.024%
25	16.122	2229	2233	2239	rVV4	10040	17388	0.44%	0.047%
26	16.181	2239	2243	2248	rVV5	6554	11044	0.28%	0.030%
27	16.228	2248	2251	2256	rVB3	5499	6913	0.18%	0.019%
28	16.387	2272	2278	2286	rVB7	5176	11350	0.29%	0.031%
29	16.457	2286	2290	2293	rBV2	5154	6823	0.17%	0.018%
30	16.534	2299	2303	2306	rVB2	3608	4682	0.12%	0.013%
31	16.763	2336	2342	2345	rBV3	5059	10856	0.28%	0.029%
32	16.969	2371	2377	2387	rBV2	1419323	2099859	53.28%	5.650%
33	17.075	2388	2395	2413	rVB	1457250	2363606	59.97%	6.359%
34	17.481	2461	2464	2468	rBV2	3020	4100	0.10%	0.011%

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35	17.763	2509	2512	2517	rBV3	3097	5087	0.13%	0.014%
36	17.886	2528	2533	2555	rBV2	245505	544181	13.81%	1.464%
37	18.181	2581	2583	2586	rBV3	6334	4571	0.12%	0.012%
38	18.439	2622	2627	2629	rBV5	3145	5627	0.14%	0.015%
39	18.822	2690	2692	2701	rBV7	9476	15835	0.40%	0.043%
40	19.028	2722	2727	2731	rBV	18487	36603	0.93%	0.098%
41	19.186	2750	2754	2765	rBV	134716	282612	7.17%	0.760%
42	19.269	2766	2768	2774	rVB2	21588	35189	0.89%	0.095%
43	19.386	2782	2788	2796	rBV	2026433	2880146	73.07%	7.749%
44	19.951	2881	2884	2889	rVB3	14633	19470	0.49%	0.052%
45	20.257	2933	2936	2940	rBV6	11791	13214	0.34%	0.036%
46	20.339	2948	2950	2954	rBV3	13841	14841	0.38%	0.040%
47	20.457	2967	2970	2975	rVB2	25158	29506	0.75%	0.079%
48	20.927	3046	3050	3060	rBV2	161381	291239	7.39%	0.784%
49	21.210	3092	3098	3109	rBV	1745842	2657755	67.43%	7.151%
50	21.369	3122	3125	3131	rVB	156929	165502	4.20%	0.445%
51	21.798	3194	3198	3202	rBV	290964	327149	8.30%	0.880%
52	22.257	3271	3276	3284	rBV	485895	601352	15.26%	1.618%
53	22.751	3355	3360	3365	rVB	574775	780862	19.81%	2.101%
54	23.280	3442	3450	3460	rBV3	1733849	3941429	100.00%	10.604%
55	23.416	3466	3473	3486	rVB	1317341	2682746	68.07%	7.218%
56	23.921	3553	3559	3567	rBV	459909	858032	21.77%	2.308%
57	24.639	3676	3681	3690	rVB2	330070	702682	17.83%	1.891%
58	25.480	3818	3824	3832	rVB	189149	437059	11.09%	1.176%

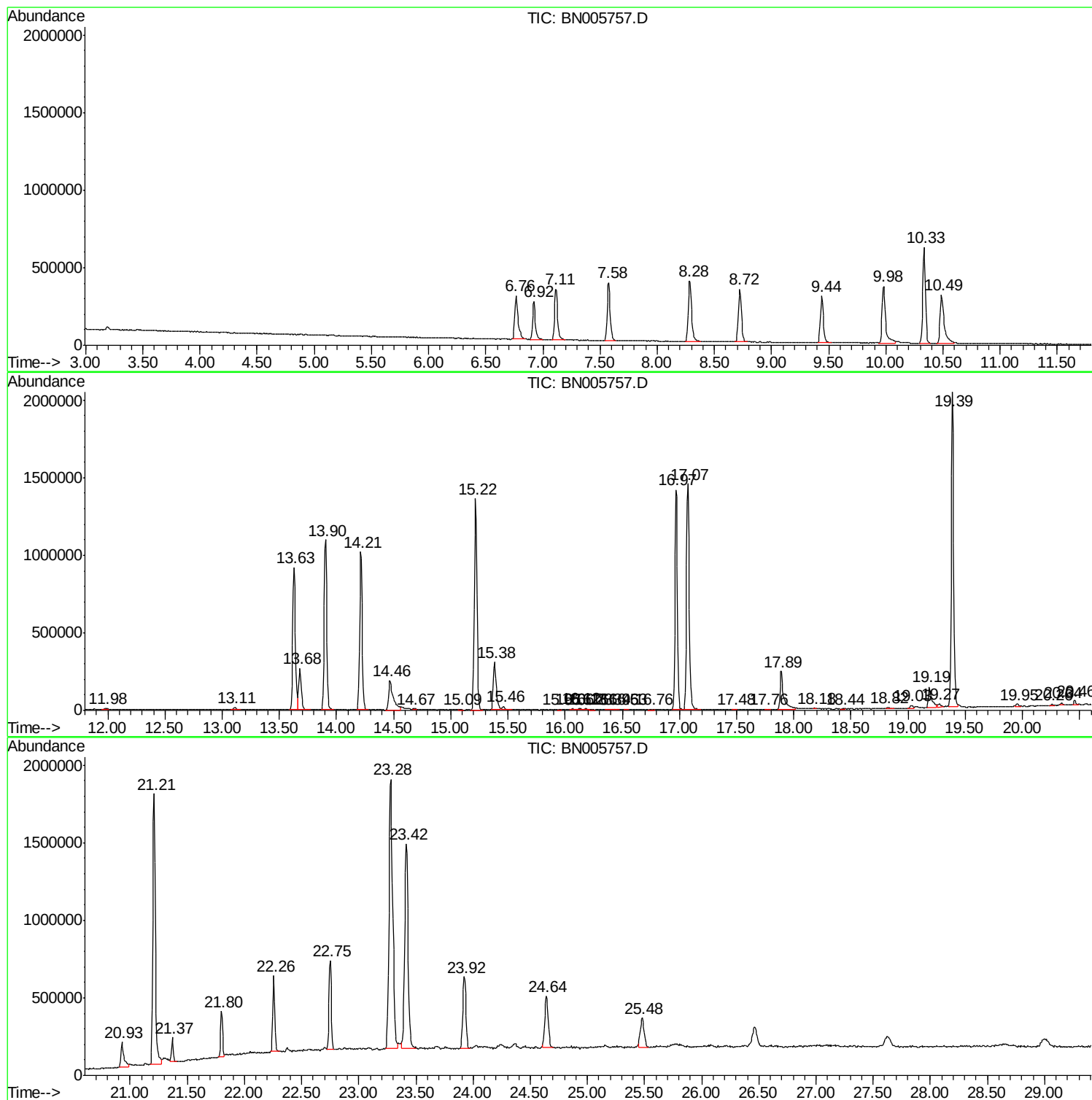
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Quant Title : SVOA CALIBRATION

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



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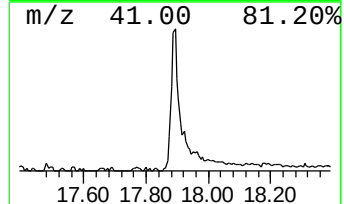
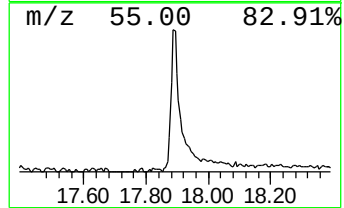
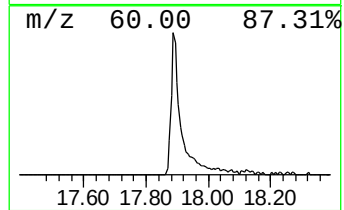
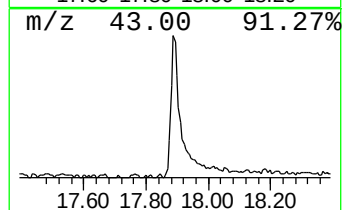
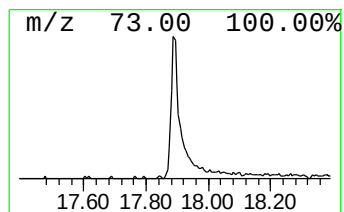
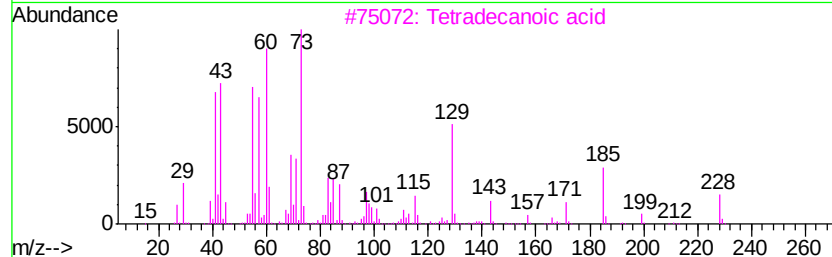
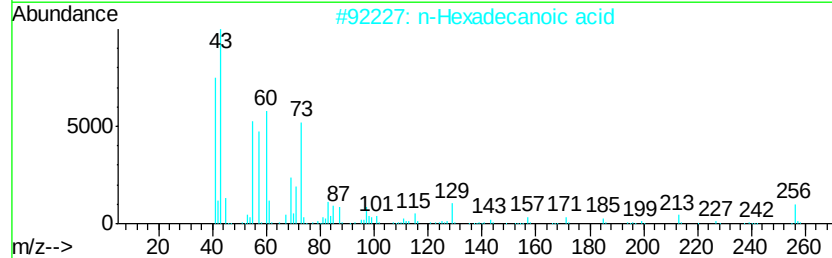
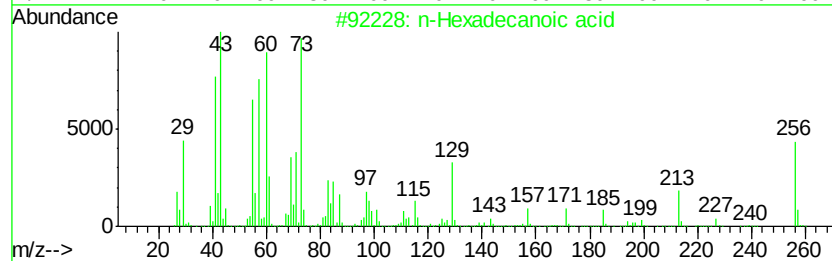
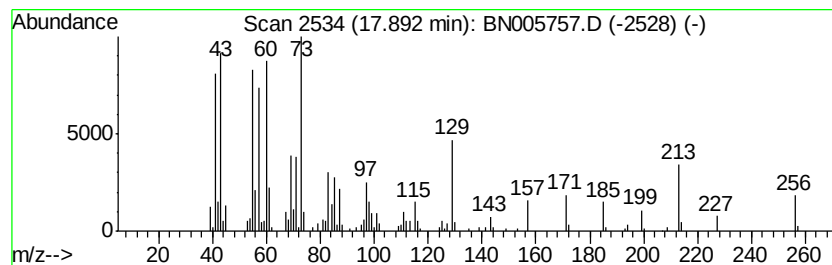
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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.
17.89	5.18 ng/ul	544181	Phenanthrene-d10		16.97
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	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	91
5	Undecanoic acid	186	C11H22O2	000112-37-8	81



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Instrument :
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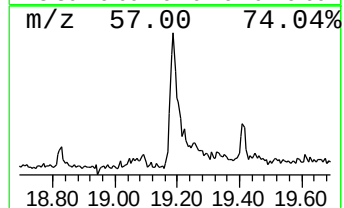
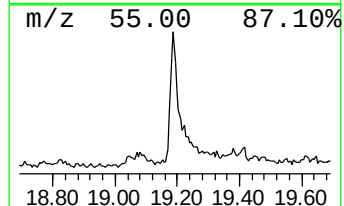
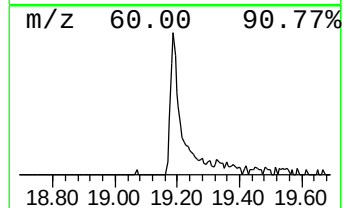
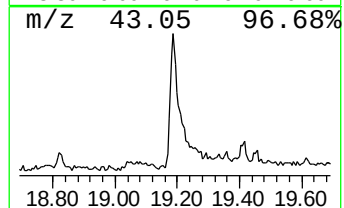
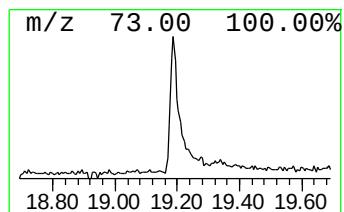
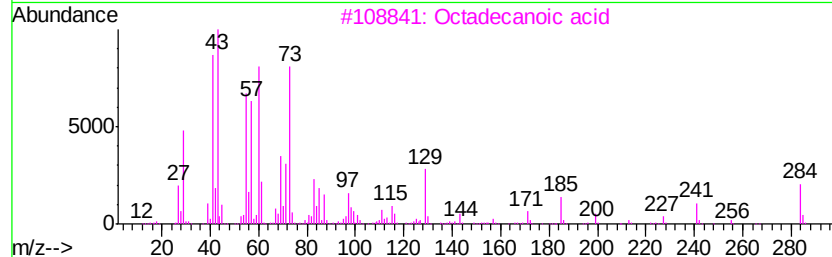
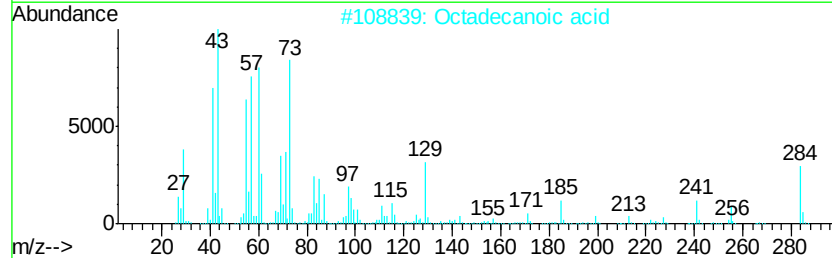
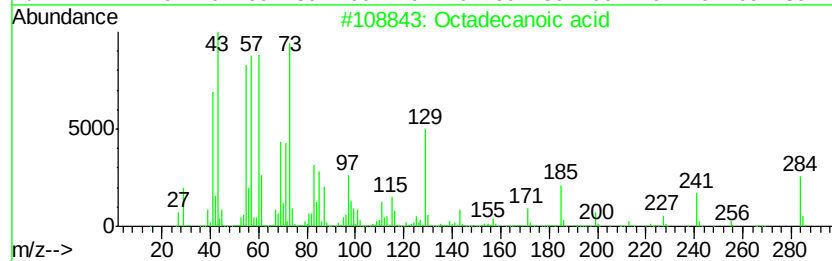
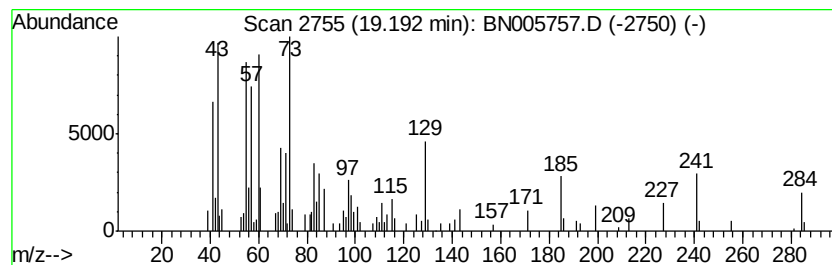
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.13 ng/ul	282612	Chrysene-d12	21.21

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	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	87



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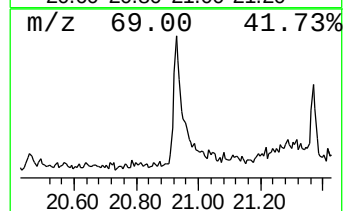
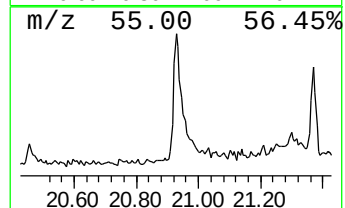
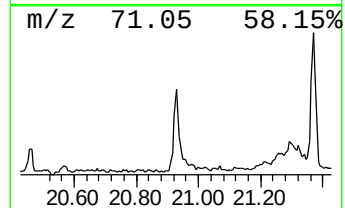
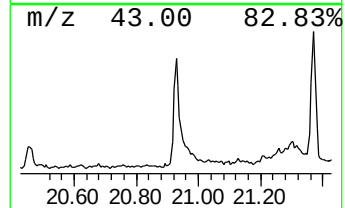
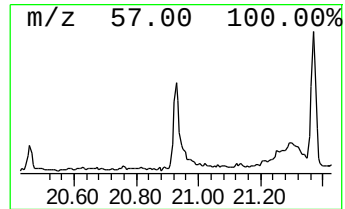
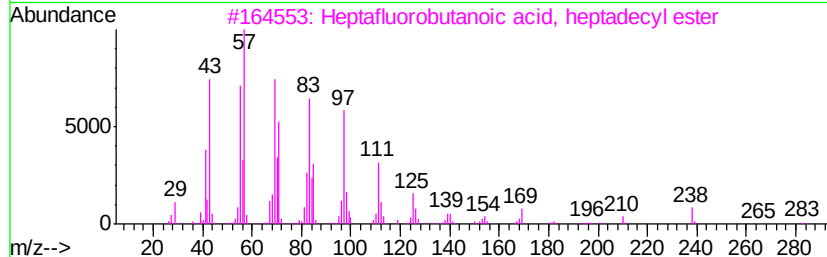
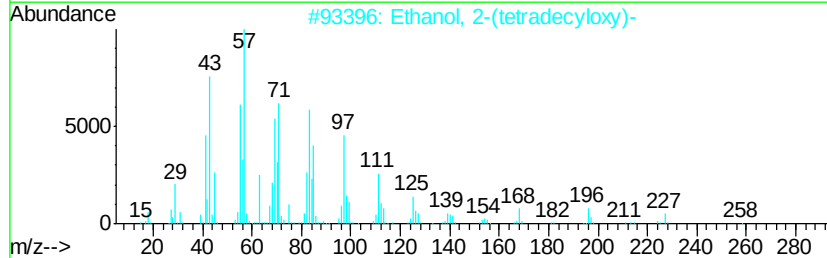
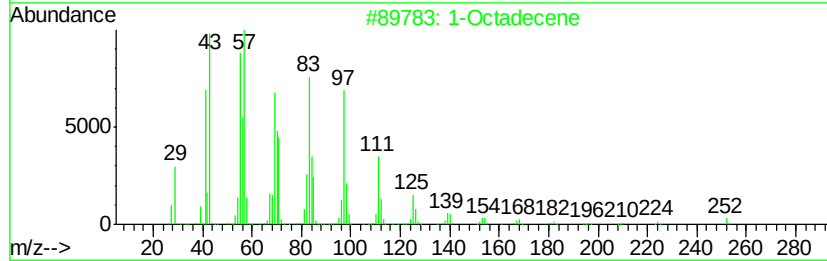
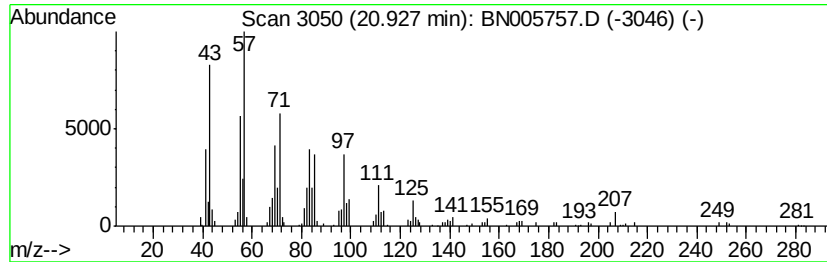
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.93 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.19 ng/ul	291239	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Octadecene	252 C18H36	000112-88-9 95
2		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 91
3		Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3 74
4		1-Octadecanol	270 C18H38O	000112-92-5 70
5		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 70



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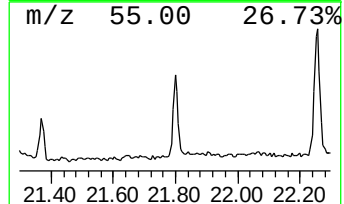
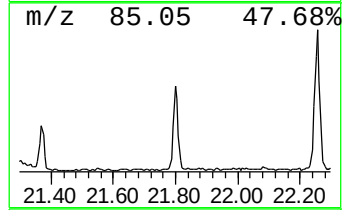
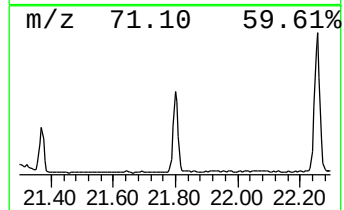
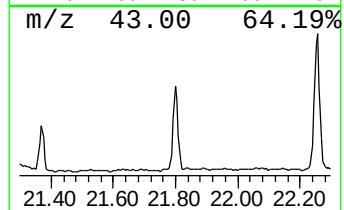
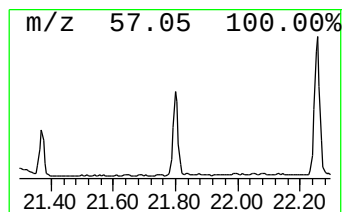
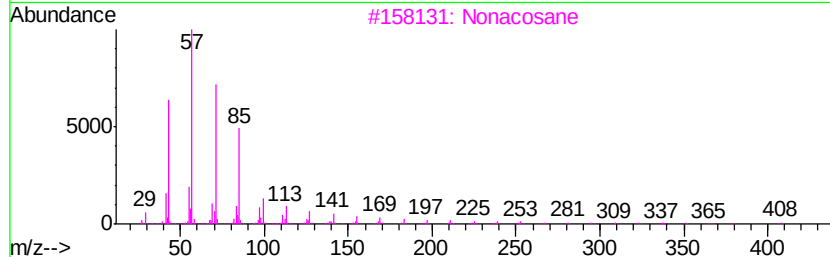
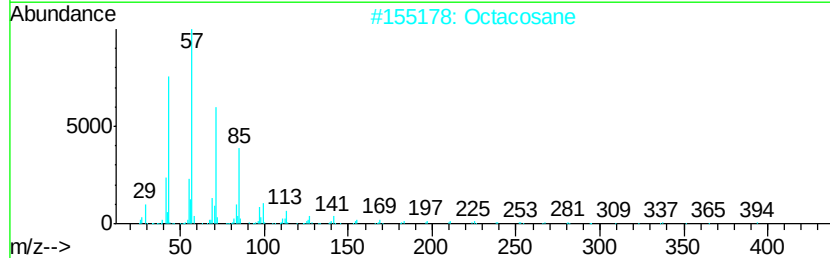
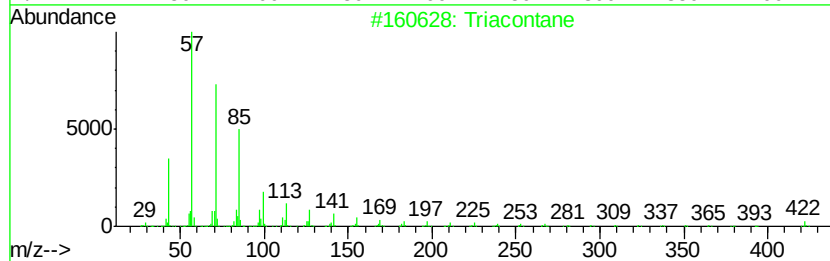
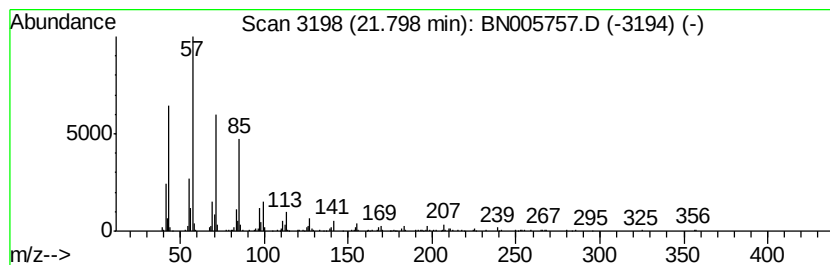
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.46 ng/ul	327149	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Hentriacontane	437	C31H64	000630-04-6	91



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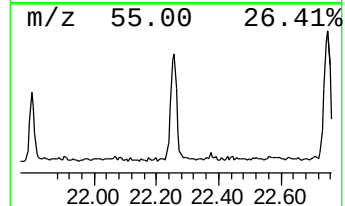
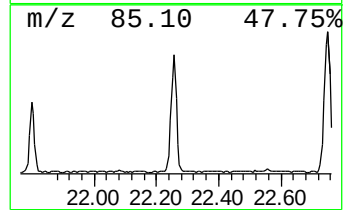
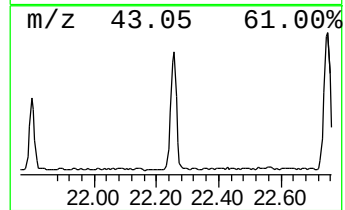
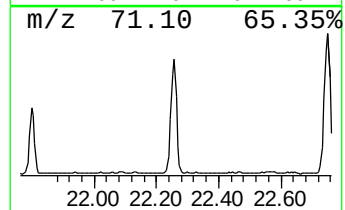
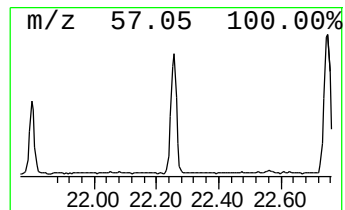
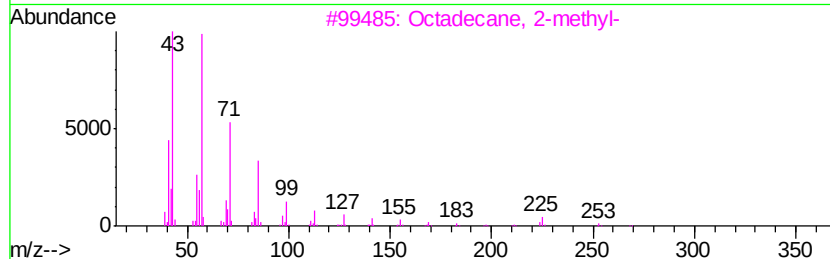
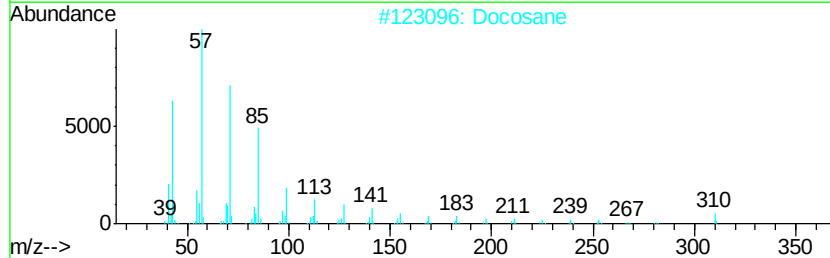
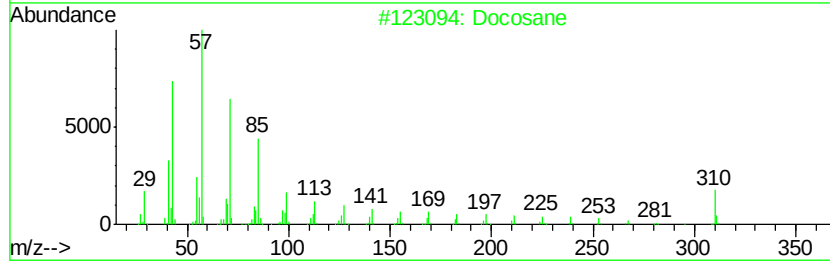
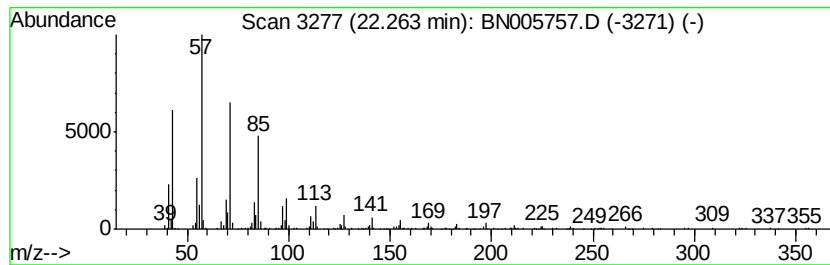
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	4.53 ng/ul	601352	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	95
2		Docosane	310	C22H46	000629-97-0	94
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005757.D
Acq On : 18 May 2019 17:36
Operator : JU/SJ
Sample : K2690-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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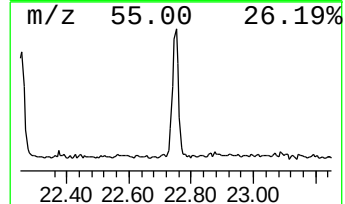
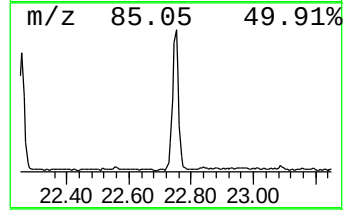
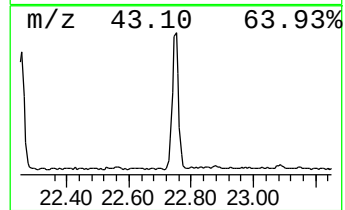
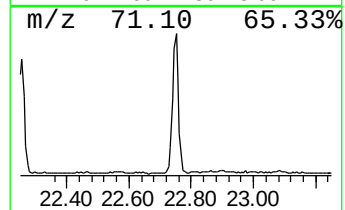
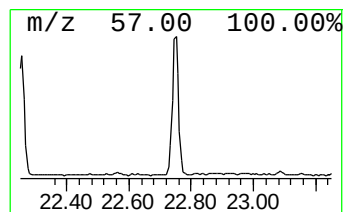
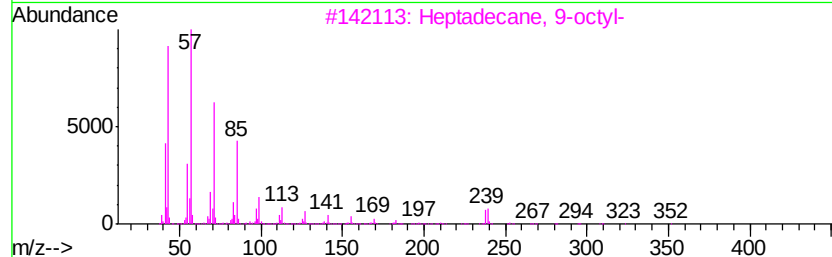
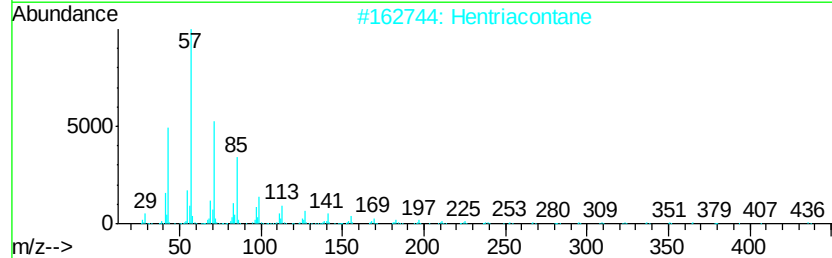
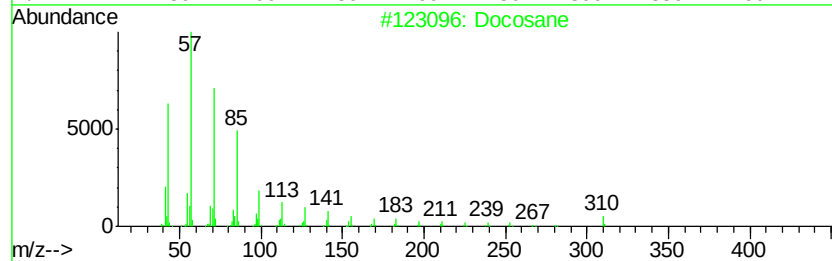
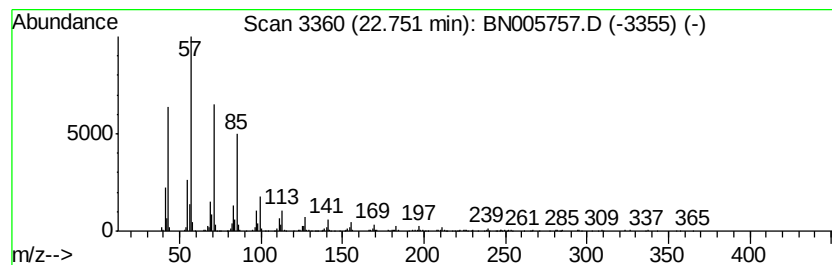
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	5.82 ng/ul	780862	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	98
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005757.D
Acq On : 18 May 2019 17:36
Operator : JU/SJ
Sample : K2690-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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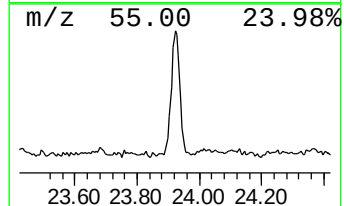
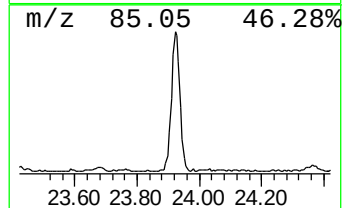
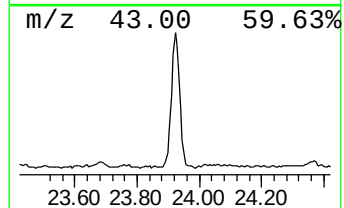
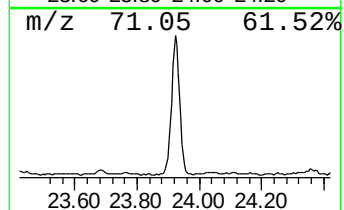
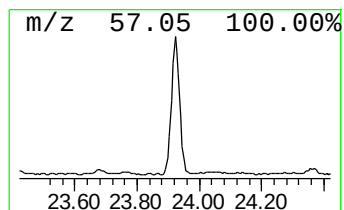
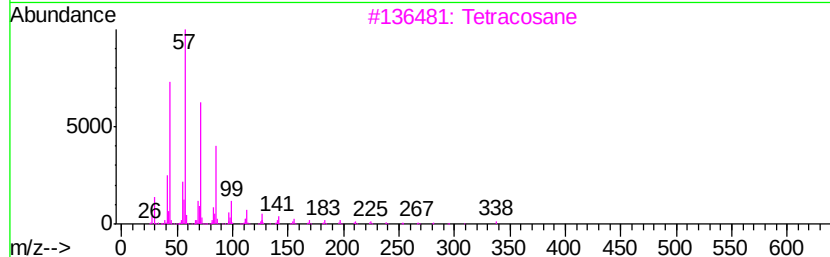
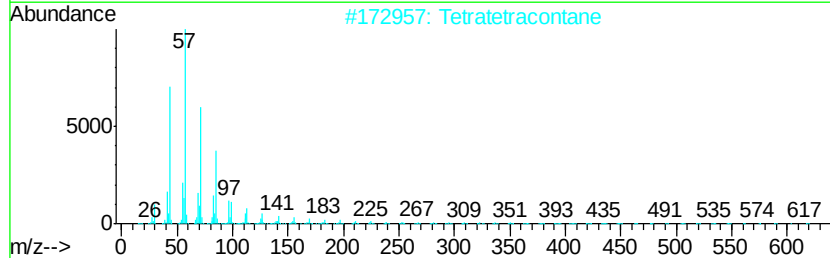
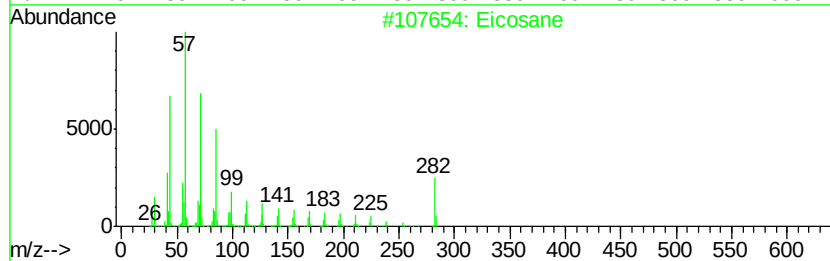
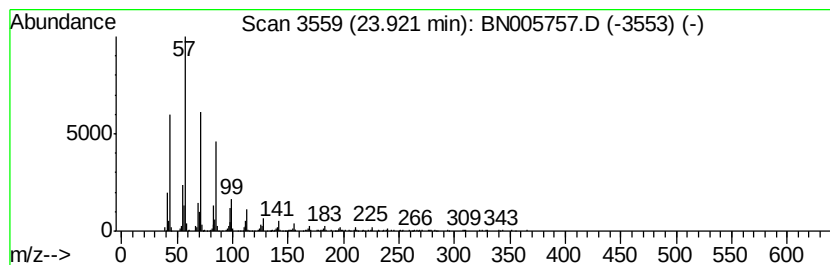
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	6.40 ng/ul	858032	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Docosane	310	C22H46	000629-97-0	91
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005757.D
Acq On : 18 May 2019 17:36
Operator : JU/SJ
Sample : K2690-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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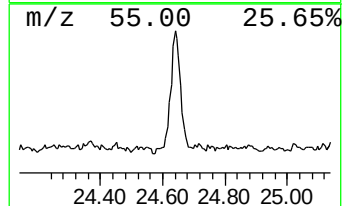
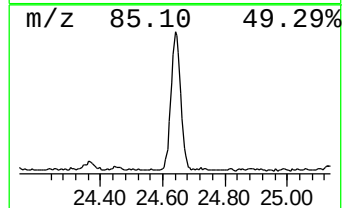
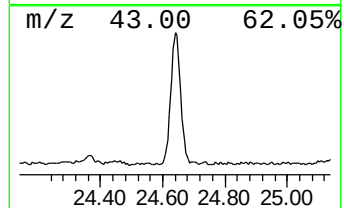
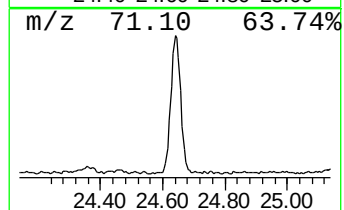
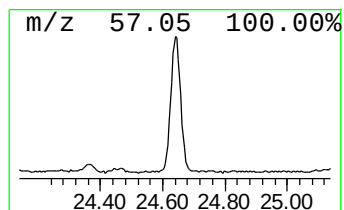
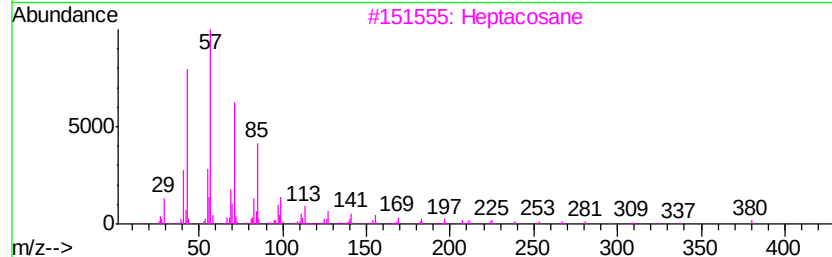
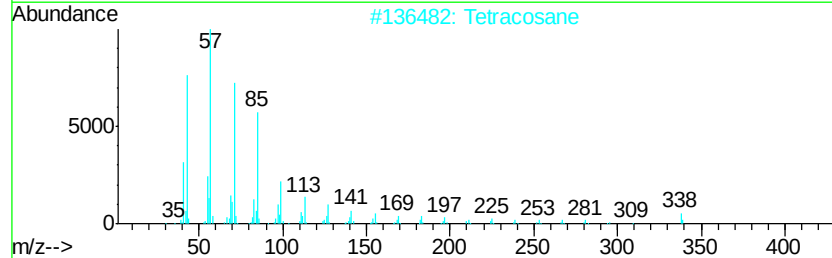
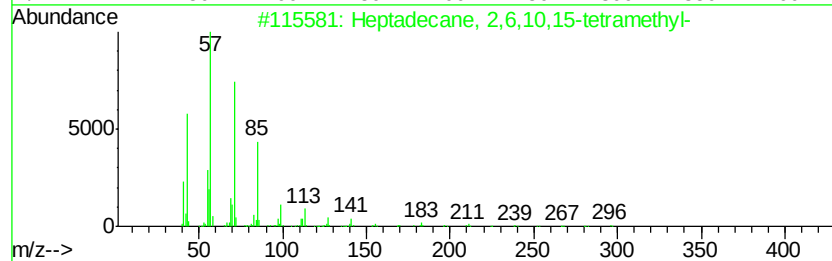
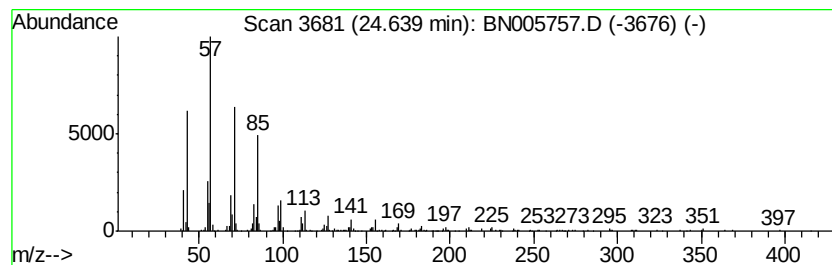
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	5.24 ng/ul	702682	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005757.D
Acq On : 18 May 2019 17:36
Operator : JU/SJ
Sample : K2690-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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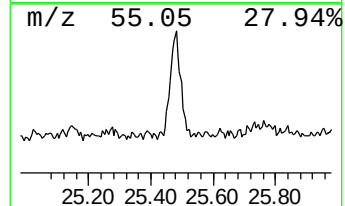
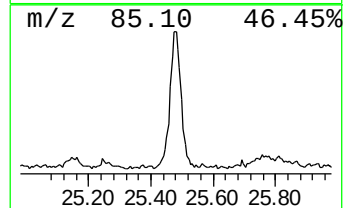
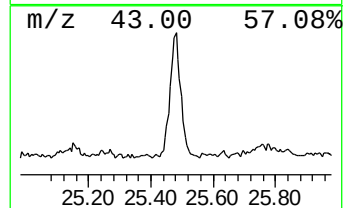
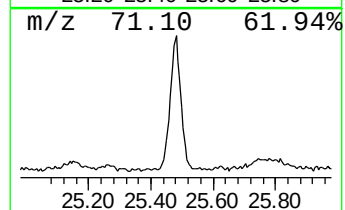
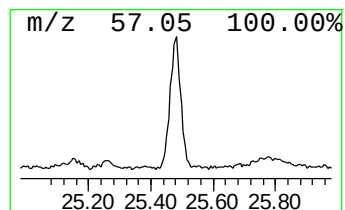
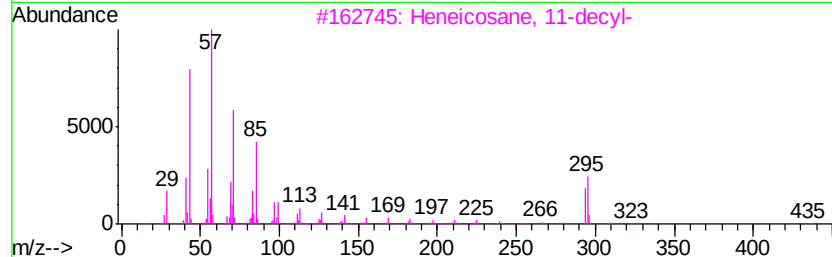
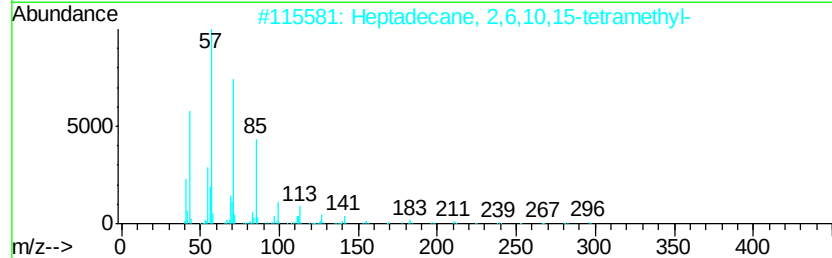
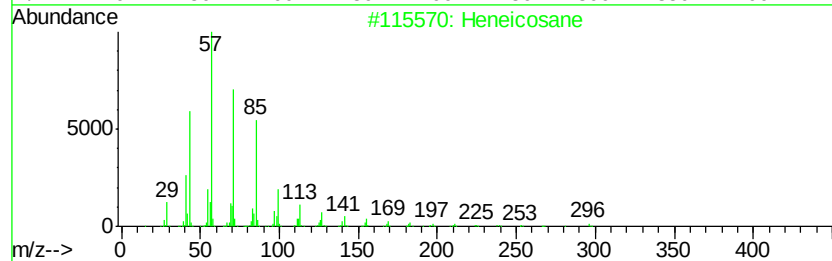
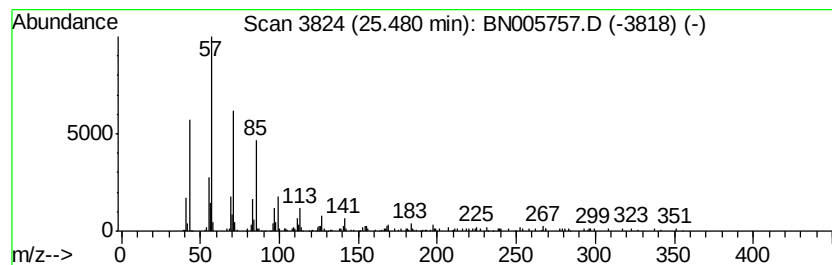
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.48	3.26 ng/ul	437059	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
Data File : BN005757.D
Acq On : 18 May 2019 17:36
Operator : JU/SJ
Sample : K2690-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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
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Octadecanoic acid	19.19	2.1	ng/ul	282612	5	21.21	2657760	20.0
(DEL) Alkane: Cyc...	20.93	2.2	ng/ul	291239	5	21.21	2657760	20.0
(DEL) Alkane: Str...	21.80	2.5	ng/ul	327149	5	21.21	2657760	20.0
(DEL) Alkane: Str...	22.26	4.5	ng/ul	601352	5	21.21	2657760	20.0
(DEL) Alkane: Str...	22.75	5.8	ng/ul	780862	6	23.42	2682750	20.0
(DEL) Alkane: Str...	23.92	6.4	ng/ul	858032	6	23.42	2682750	20.0
(DEL) Alkane: Str...	24.64	5.2	ng/ul	702682	6	23.42	2682750	20.0
(DEL) Alkane: Str...	25.48	3.3	ng/ul	437059	6	23.42	2682750	20.0