

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
 Data File : BN005817.D
 Acq On : 21 May 2019 01:31
 Operator : JU/SJ
 Sample : K2693-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHE6

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	6.769	637	643	656	rBV	332213	680694	25.06%	2.065%
2	6.916	663	668	680	rVB	289891	485452	17.87%	1.472%
3	7.111	696	701	713	rVB	399332	690357	25.41%	2.094%
4	7.569	773	779	788	rBV	441503	738415	27.18%	2.240%
5	8.287	895	901	920	rVB	441946	867113	31.92%	2.630%
6	8.716	968	974	988	rVB	395859	708973	26.10%	2.150%
7	9.434	1090	1096	1110	rVB	310486	569070	20.95%	1.726%
8	9.975	1182	1188	1206	rBV	429208	924036	34.01%	2.803%
9	10.334	1242	1249	1261	rVB	656210	1112746	40.96%	3.375%
10	10.481	1268	1274	1296	rVB	366616	822729	30.28%	2.495%
11	13.040	1703	1709	1711	rBV4	2548	4706	0.17%	0.014%
12	13.434	1774	1776	1783	rVB	2360	3917	0.14%	0.012%
13	13.628	1802	1809	1813	rBV	944795	1389049	51.13%	4.213%
14	13.675	1813	1817	1828	rVB	316064	480443	17.68%	1.457%
15	13.898	1849	1855	1869	rVB	1222694	1787091	65.78%	5.420%
16	14.128	1892	1894	1898	rVB3	3804	4260	0.16%	0.013%
17	14.210	1901	1908	1919	rVV2	1078102	1597565	58.81%	4.845%
18	14.475	1947	1953	1976	rBV2	146854	481478	17.72%	1.460%
19	15.022	2041	2046	2051	rBV2	4583	5852	0.22%	0.018%
20	15.081	2053	2056	2061	rVB2	8132	10577	0.39%	0.032%
21	15.210	2072	2078	2089	rBV	1405683	2197362	80.88%	6.665%
22	15.387	2103	2108	2117	rBV2	42083	80251	2.95%	0.243%
23	15.463	2117	2121	2127	rVB3	14704	22284	0.82%	0.068%
24	15.898	2188	2195	2198	rVB3	1997	4110	0.15%	0.012%
25	15.945	2198	2203	2207	rBV4	6143	9417	0.35%	0.029%
26	15.998	2209	2212	2216	rVB3	5032	6492	0.24%	0.020%
27	16.122	2230	2233	2239	rVB5	4795	6161	0.23%	0.019%
28	16.357	2268	2273	2277	rVB4	2651	4425	0.16%	0.013%
29	16.410	2277	2282	2284	rBV4	2381	3902	0.14%	0.012%
30	16.522	2299	2301	2303	rBV2	3021	3149	0.12%	0.010%
31	16.757	2333	2341	2346	rBV4	6201	13958	0.51%	0.042%
32	16.969	2371	2377	2387	rBV2	1487707	2038731	75.04%	6.183%
33	17.069	2387	2394	2408	rVB2	1546873	2387453	87.88%	7.241%
34	17.386	2444	2448	2449	rBV3	4496	5840	0.21%	0.018%

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Integrator: RTE
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35	17.486	2460	2465	2468	rVV2	3839	5793	0.21%	0.018%
36	17.763	2508	2512	2513	rBV3	3566	4302	0.16%	0.013%
37	17.886	2529	2533	2547	rBV	244812	484225	17.82%	1.469%
38	18.075	2563	2565	2568	rVB3	4069	4130	0.15%	0.013%
39	18.175	2579	2582	2588	rBV6	8395	12553	0.46%	0.038%
40	18.222	2588	2590	2596	rBV3	7779	14694	0.54%	0.045%
41	18.375	2613	2616	2619	rVB5	3765	4357	0.16%	0.013%
42	18.433	2623	2626	2628	rVV4	2599	3373	0.12%	0.010%
43	18.463	2630	2631	2635	rBV3	1855	2748	0.10%	0.008%
44	18.592	2650	2653	2656	rBV4	3875	4714	0.17%	0.014%
45	18.822	2688	2692	2697	rBV3	9077	12705	0.47%	0.039%
46	18.945	2711	2713	2716	rBV4	4572	3337	0.12%	0.010%
47	19.022	2721	2726	2733	rBV	17855	40708	1.50%	0.123%
48	19.186	2750	2754	2765	rBV3	92759	204999	7.55%	0.622%
49	19.386	2782	2788	2796	rBV	1930897	2716692	100.00%	8.240%
50	19.445	2796	2798	2805	rVB5	20873	25869	0.95%	0.078%
51	19.857	2867	2868	2873	rBV5	4936	7404	0.27%	0.022%
52	19.951	2880	2884	2890	rVB2	30094	38830	1.43%	0.118%
53	20.457	2965	2970	2974	rBV2	65918	90254	3.32%	0.274%
54	20.927	3046	3050	3058	rBV	220086	411248	15.14%	1.247%
55	21.204	3092	3097	3112	rBV	1434828	2047638	75.37%	6.210%
56	21.363	3121	3124	3128	rBV	121611	132722	4.89%	0.403%
57	21.792	3194	3197	3201	rBV	145676	166970	6.15%	0.506%
58	22.251	3271	3275	3279	rVB	187575	245444	9.03%	0.744%
59	22.369	3292	3295	3300	rVB	90521	119390	4.39%	0.362%
60	22.739	3355	3358	3365	rVB	186007	262238	9.65%	0.795%
61	22.910	3383	3387	3394	rVB	290099	436993	16.09%	1.325%
62	23.274	3442	3449	3460	rBV	1078929	2262979	83.30%	6.864%
63	23.416	3466	3473	3483	rVB	802414	1620277	59.64%	4.914%
64	23.916	3554	3558	3563	rVB2	149580	259034	9.53%	0.786%
65	24.057	3577	3582	3592	rVB2	396348	787095	28.97%	2.387%
66	25.551	3831	3836	3845	rVB3	156500	389216	14.33%	1.180%

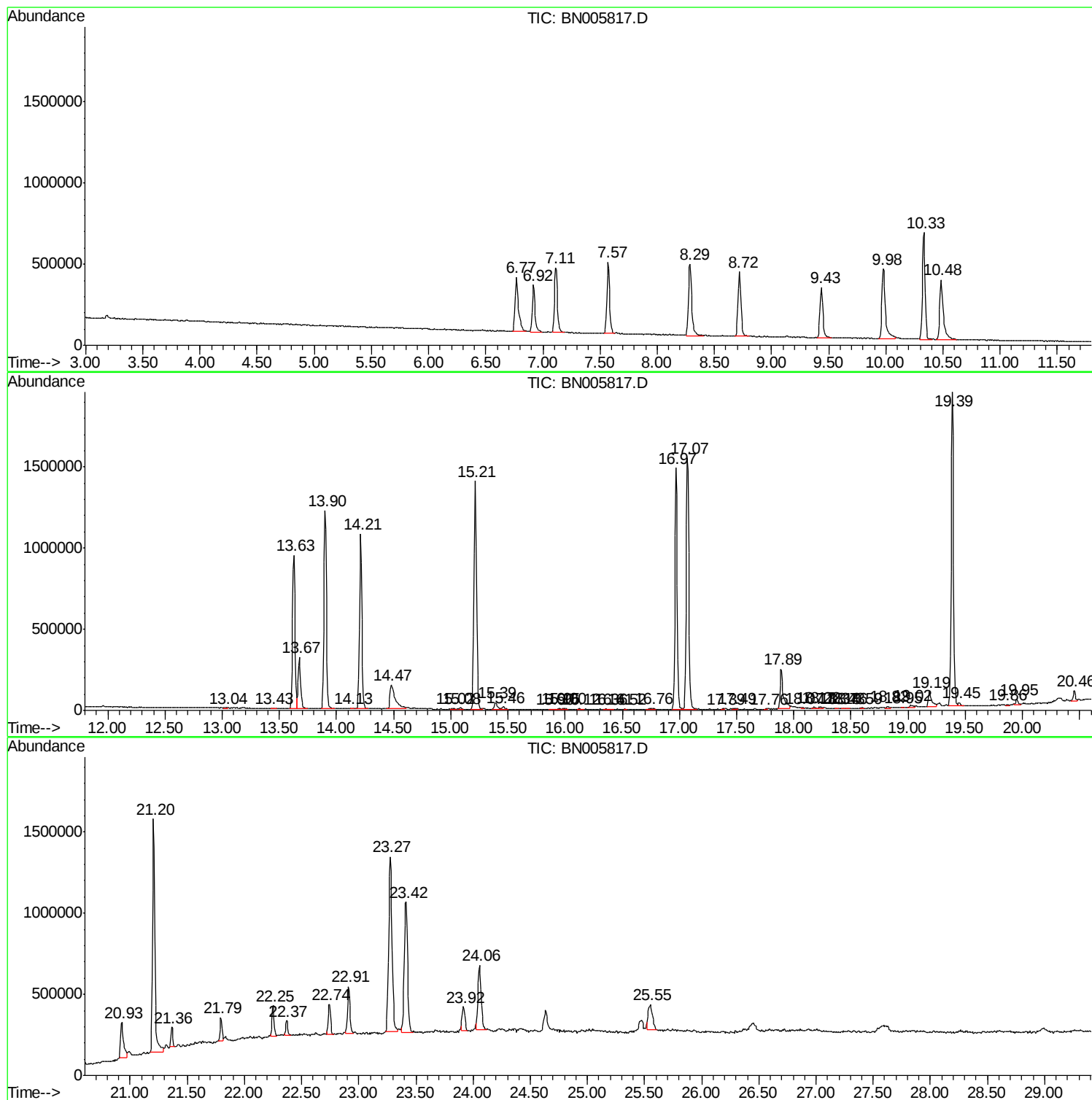
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Quant Title : SVOA CALIBRATION

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



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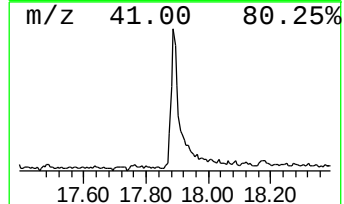
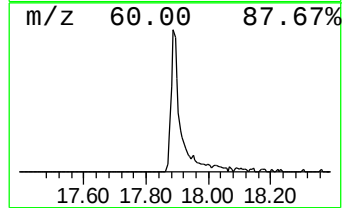
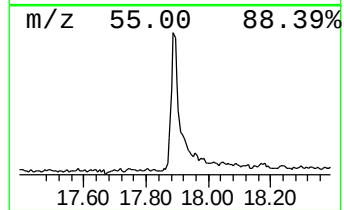
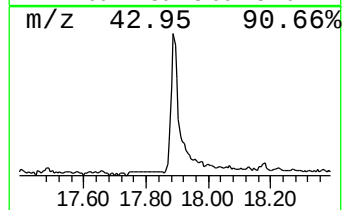
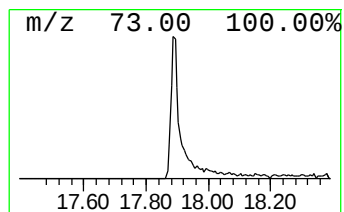
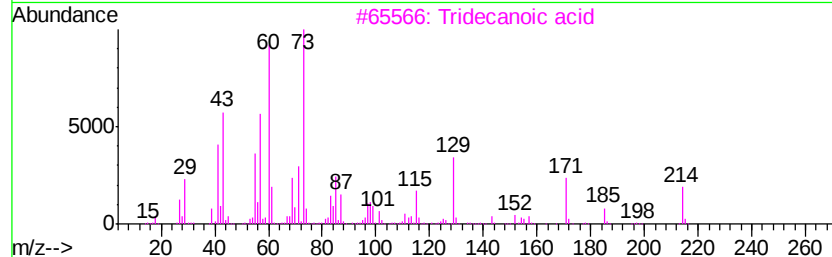
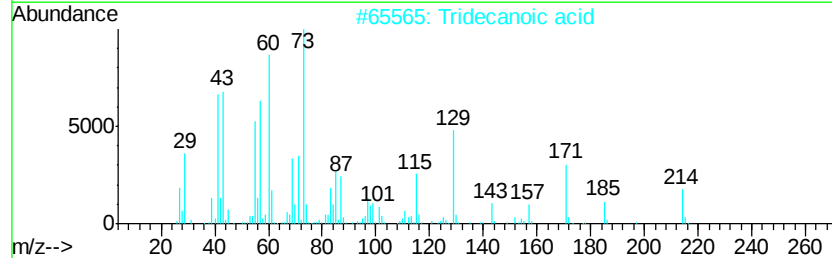
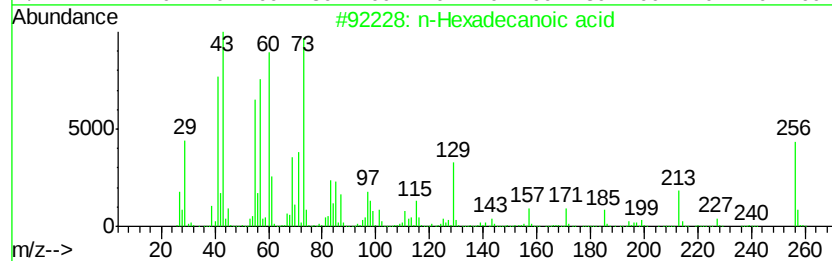
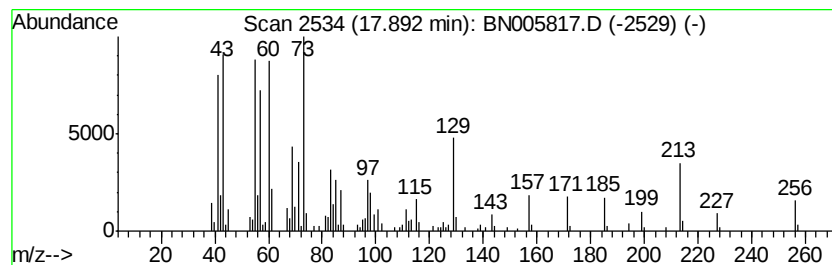
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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	4.75 ng/ul	484225	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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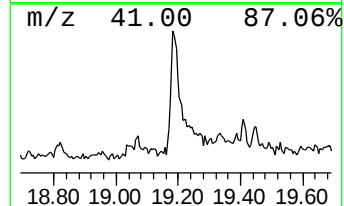
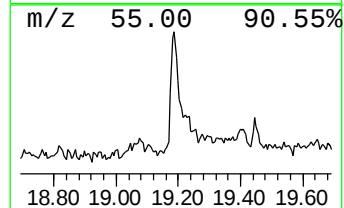
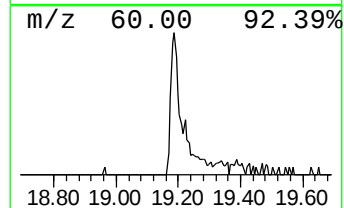
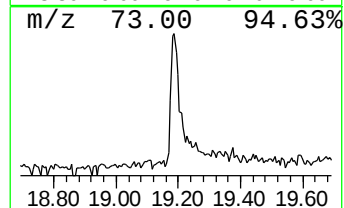
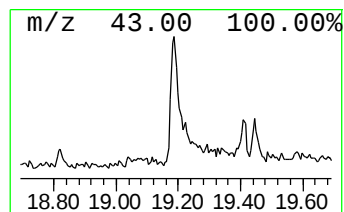
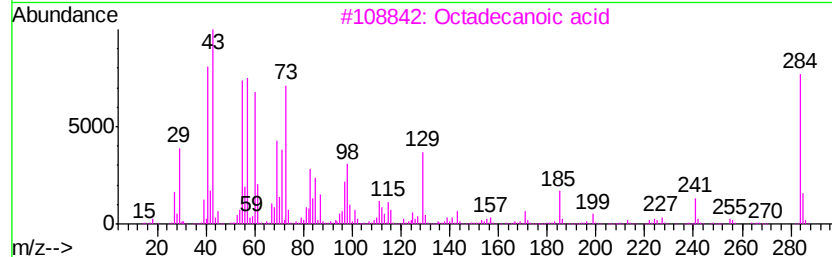
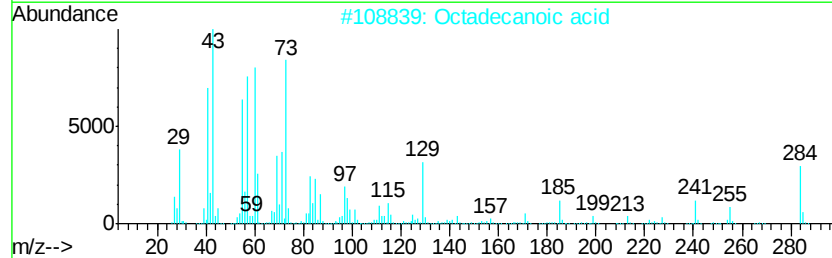
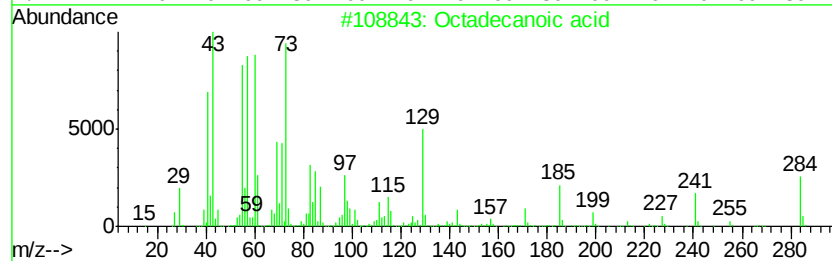
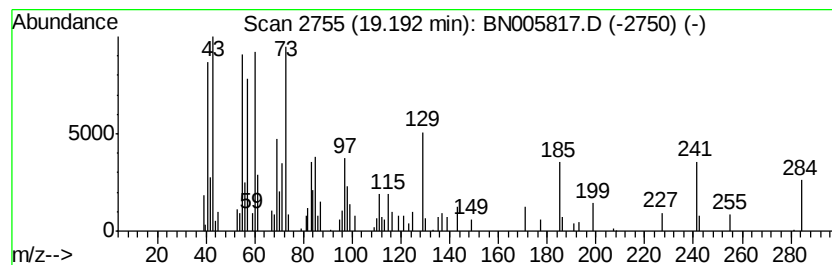
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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	2.00 ng/ul	204999	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	98
2	Octadecanoic acid		284	C18H36O2	000057-11-4	95
3	Octadecanoic acid		284	C18H36O2	000057-11-4	95
4	Octadecanoic acid		284	C18H36O2	000057-11-4	60
5	Dodecanoic acid		200	C12H24O2	000143-07-7	43



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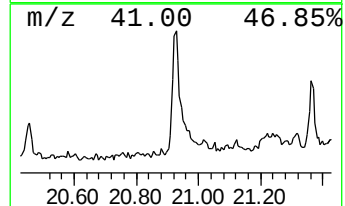
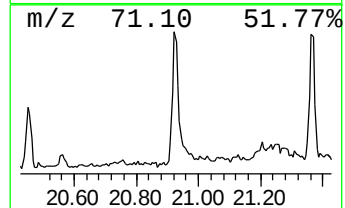
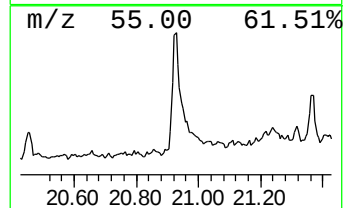
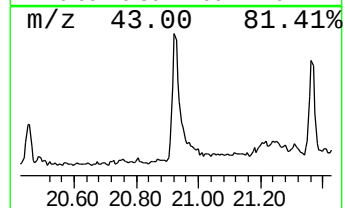
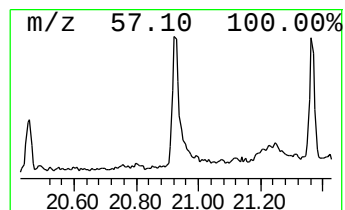
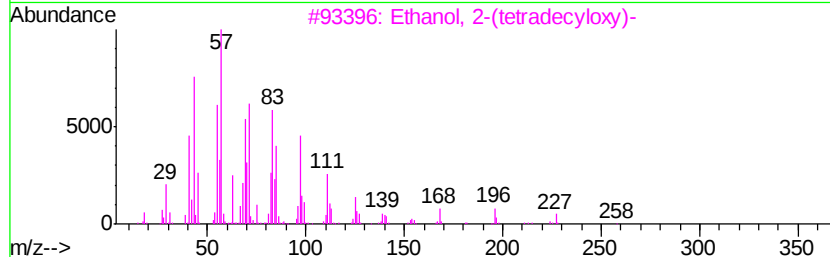
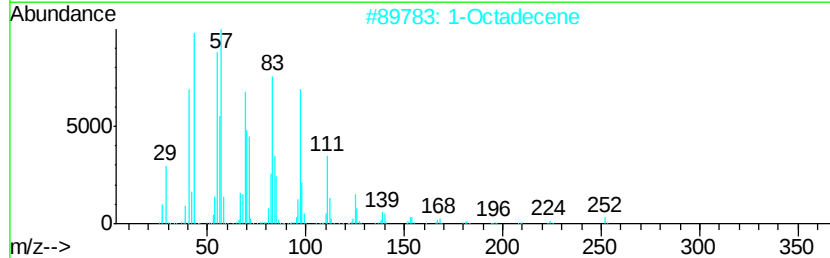
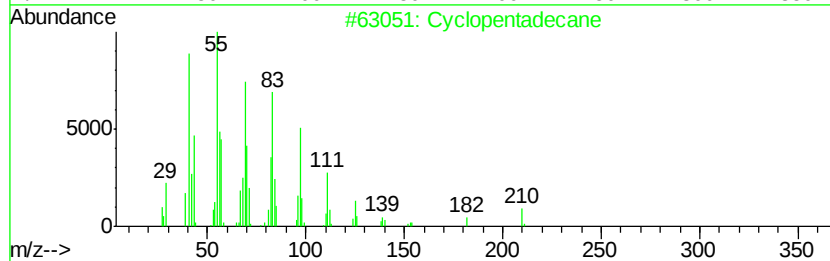
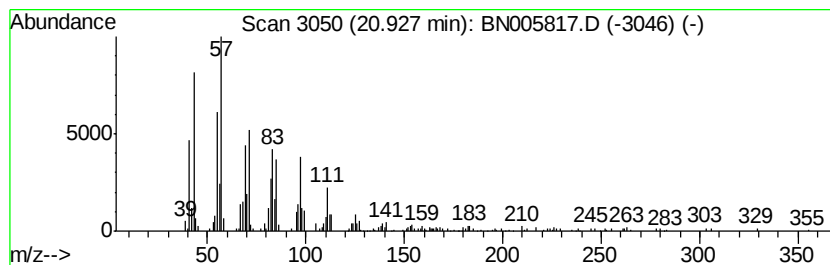
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.93 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.02 ng/ul	411248	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	90
2		1-Octadecene	252	C18H36	000112-88-9	90
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4		8-Heptadecene	238	C17H34	054290-12-9	83
5		Ditetradecyl ether	410	C28H58O	005412-98-6	83



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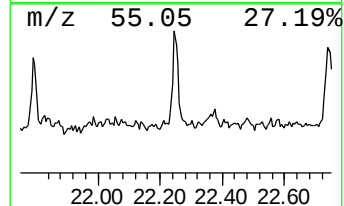
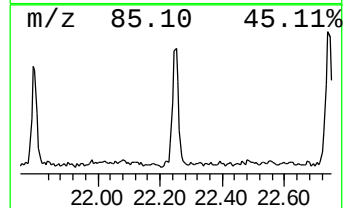
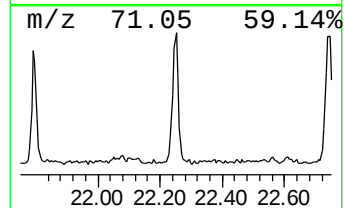
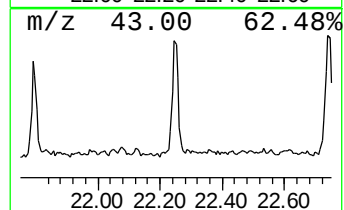
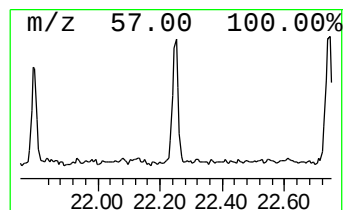
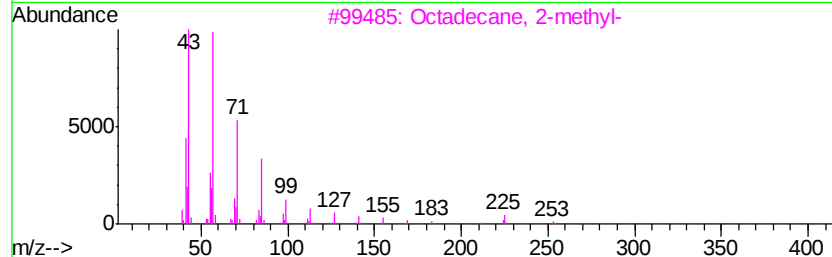
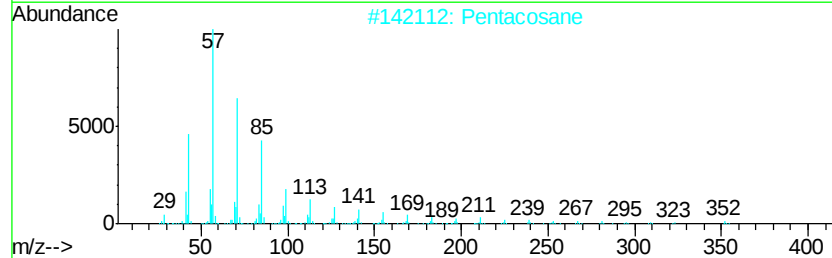
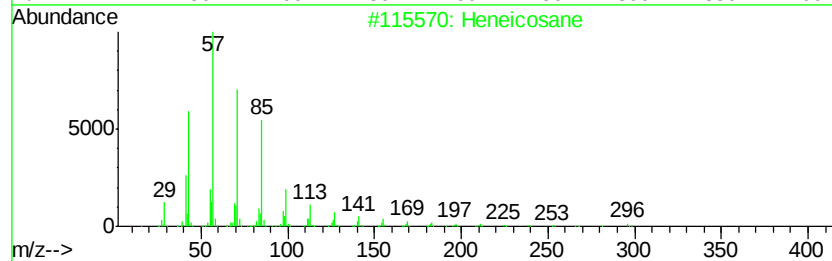
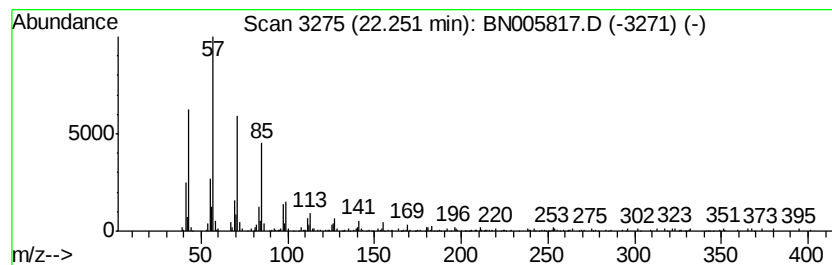
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	2.40 ng/ul	245444	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Pentacosane	352	C25H52	000629-99-2	96
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4			Nonadecane	268	C19H40	000629-92-5	91
5			Octacosane	394	C28H58	000630-02-4	90



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ClientSampleId :
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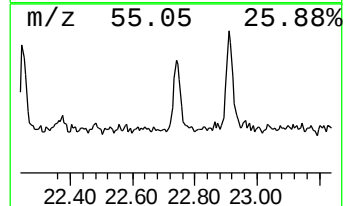
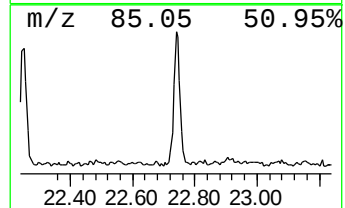
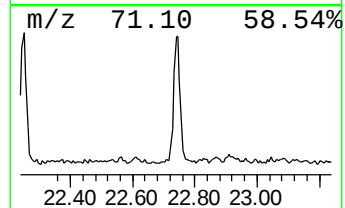
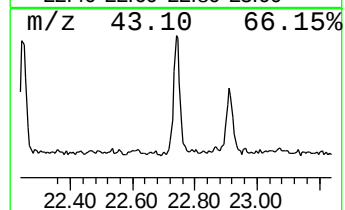
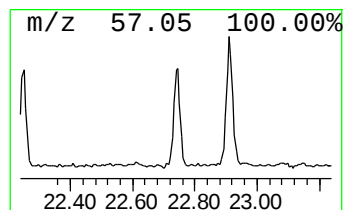
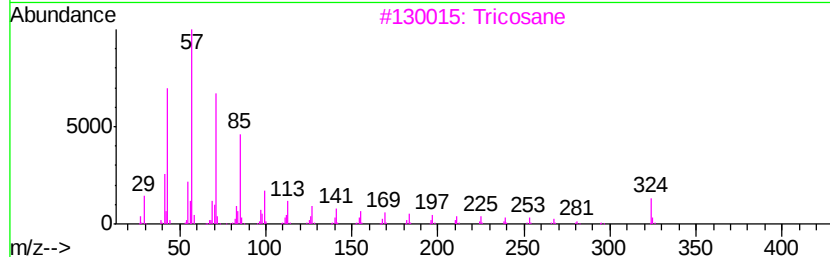
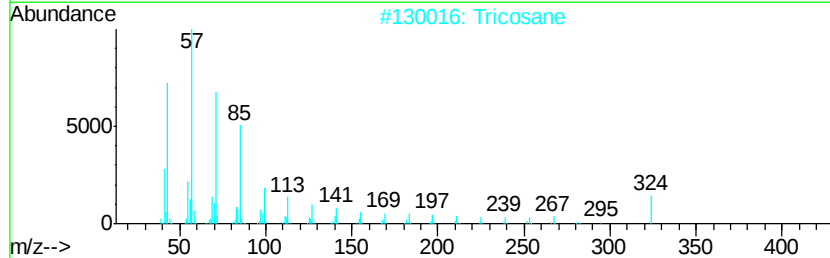
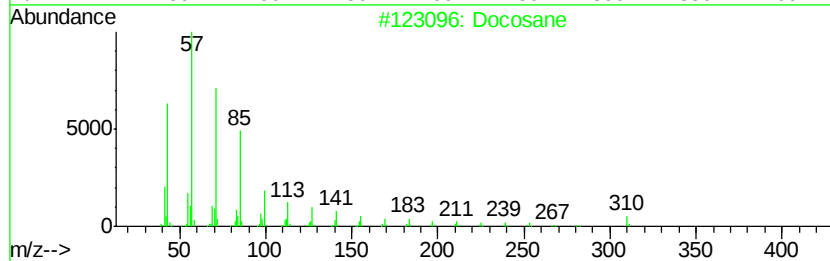
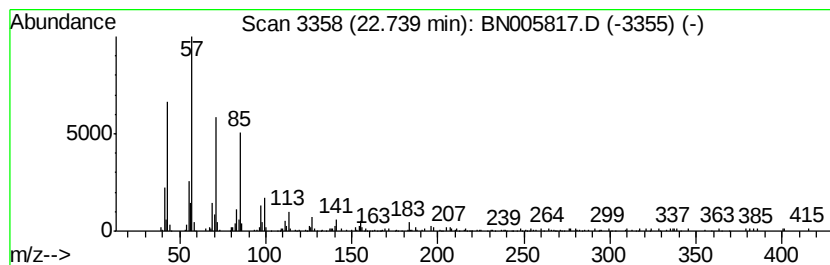
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	3.24 ng/ul	262238	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	95
2		Tricosane	324	C23H48	000638-67-5	91
3		Tricosane	324	C23H48	000638-67-5	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005817.D
Acq On : 21 May 2019 01:31
Operator : JU/SJ
Sample : K2693-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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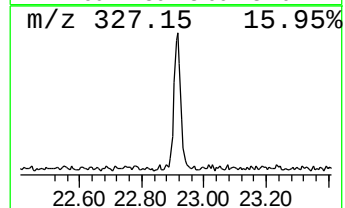
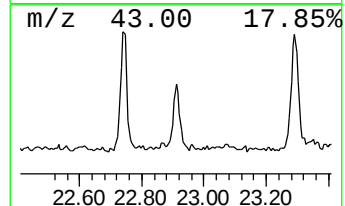
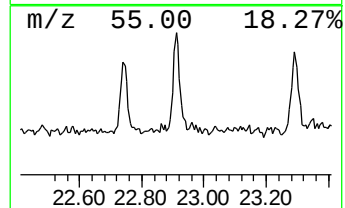
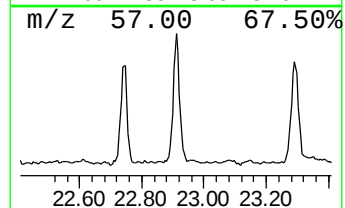
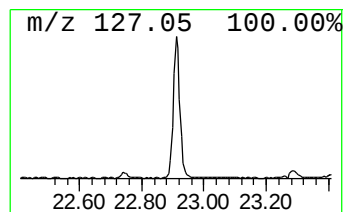
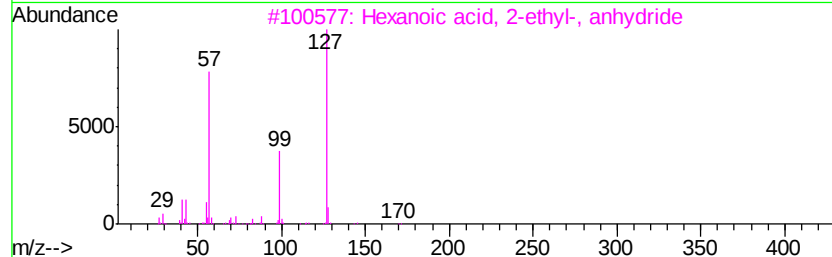
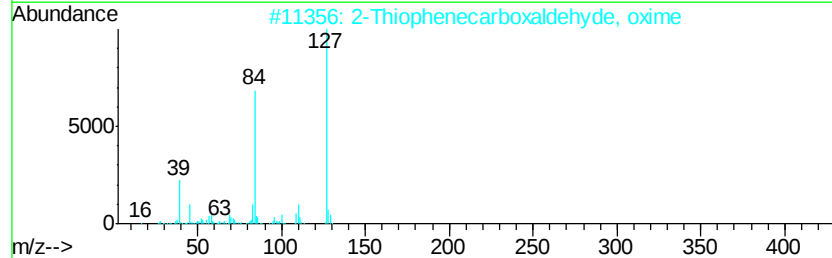
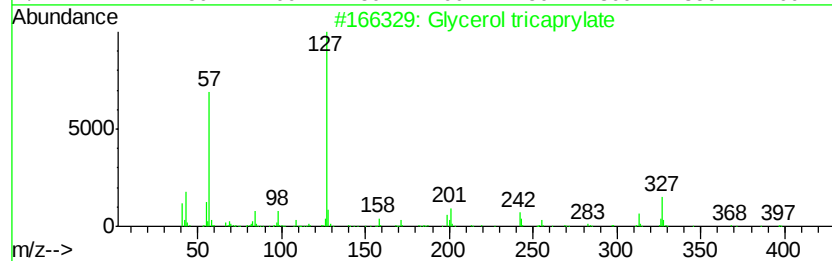
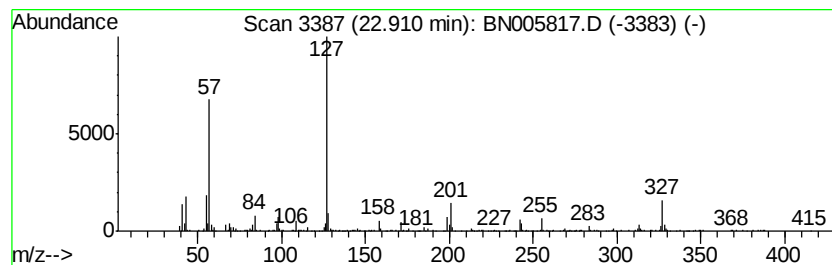
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Glycerol tricaprylate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	5.39 ng/ul	436993	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Glycerol tricaprylate	470	C27H50O6	000538-23-8	90
2		2-Thiophenecarboxaldehyde, oxime	127	C5H5NOS	029683-84-9	53
3		Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	53
4		2,4(1H,3H)-Pyrimidinedione, 5-am...	127	C4H5N3O2	000932-52-5	42
5		Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005817.D
Acq On : 21 May 2019 01:31
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Sample : K2693-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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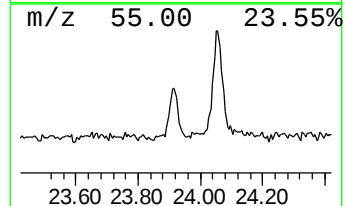
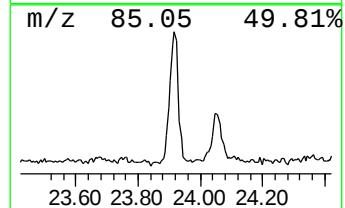
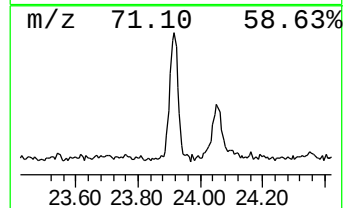
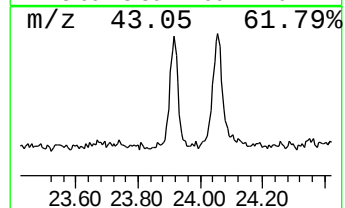
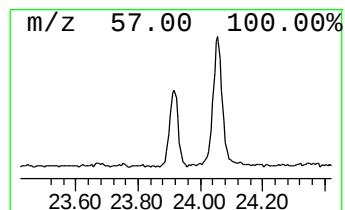
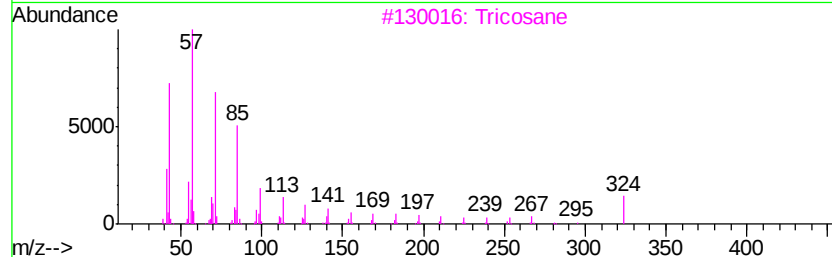
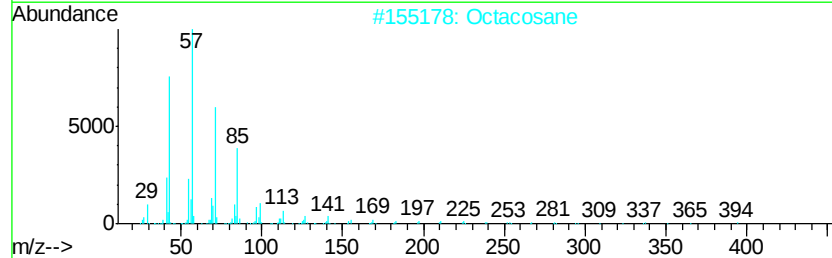
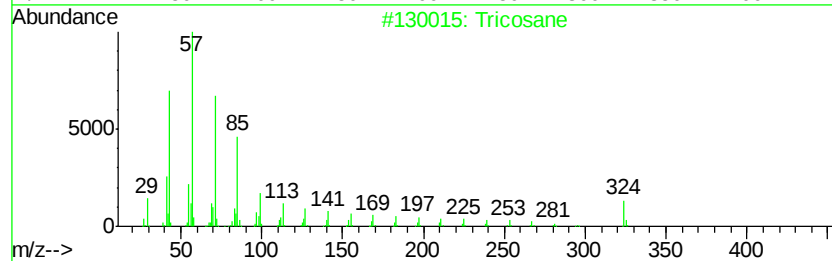
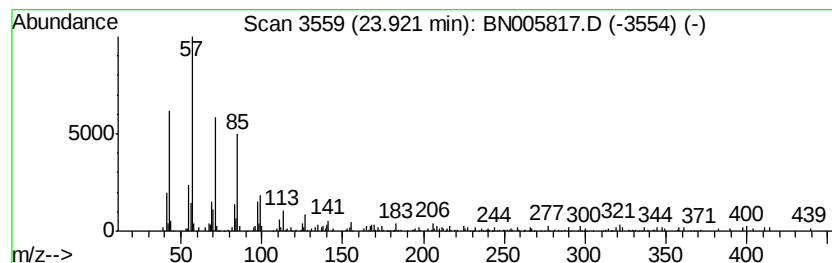
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	3.20 ng/ul	259034	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	95
2		Octacosane	394	C28H58	000630-02-4	95
3		Tricosane	324	C23H48	000638-67-5	95
4		Octacosane	394	C28H58	000630-02-4	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005817.D
Acq On : 21 May 2019 01:31
Operator : JU/SJ
Sample : K2693-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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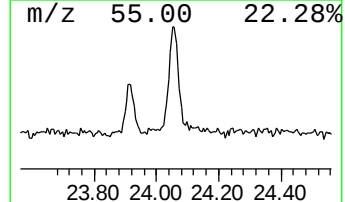
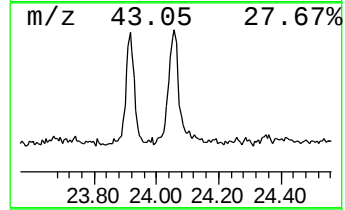
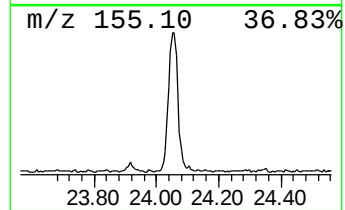
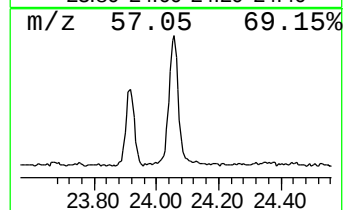
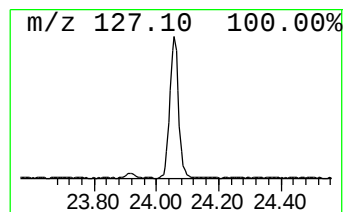
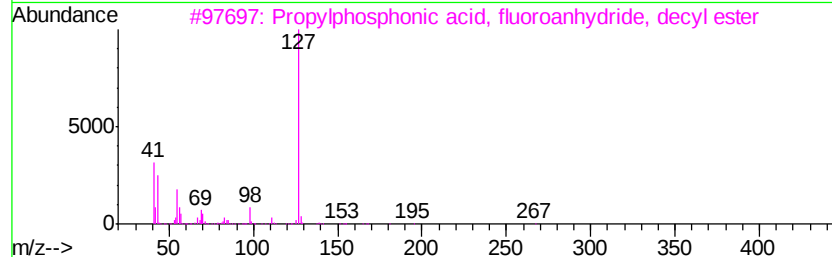
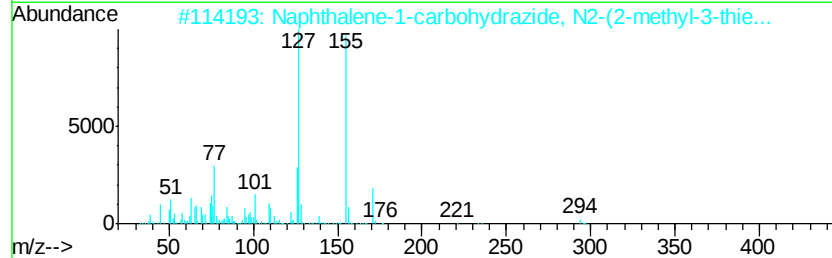
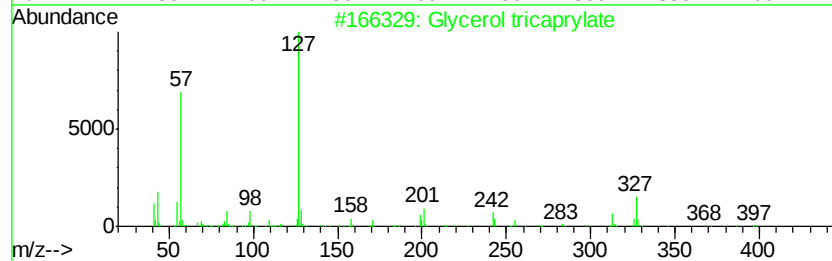
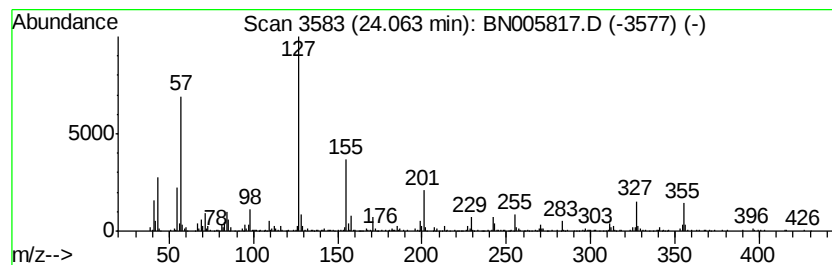
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	9.72 ng/ul	787095	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Glycerol tricaprylate	470	C27H50O6	000538-23-8	52
2		Naphthalene-1-carbohydrazide, N2...	294	C17H14N2OS	1000263-63-0	38
3		Propylphosphonic acid, fluoroanh...	266	C13H28FO2P	333416-22-1	35
4		Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	32
5		5-Bromo-4'-chlorosalicylanilide	325	C13H9BrClNO2	003679-64-9	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005817.D
Acq On : 21 May 2019 01:31
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Sample : K2693-15
Misc :
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Instrument :
BNA_N
ClientSampled :
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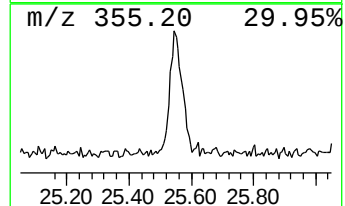
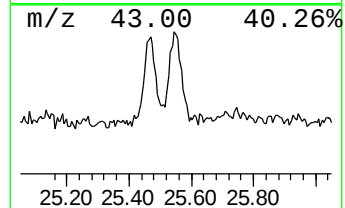
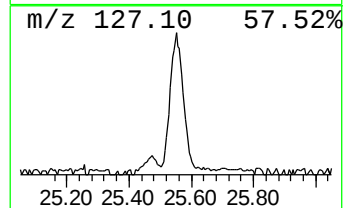
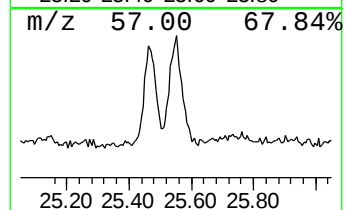
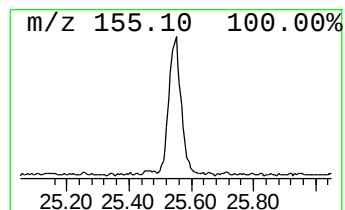
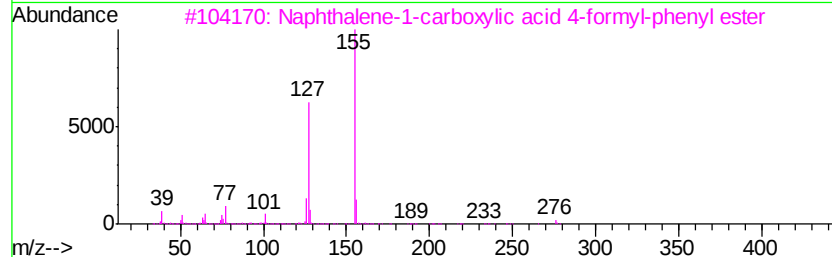
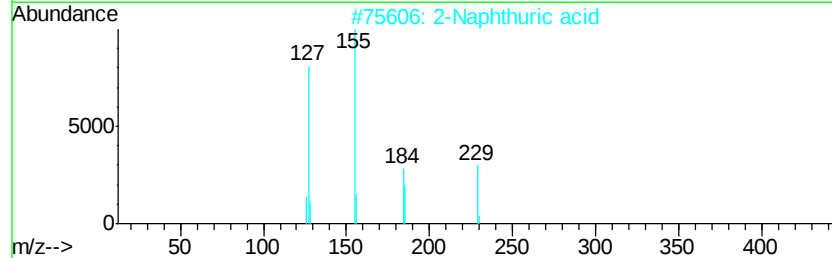
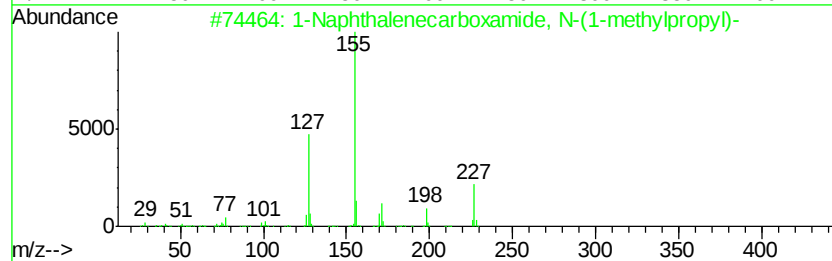
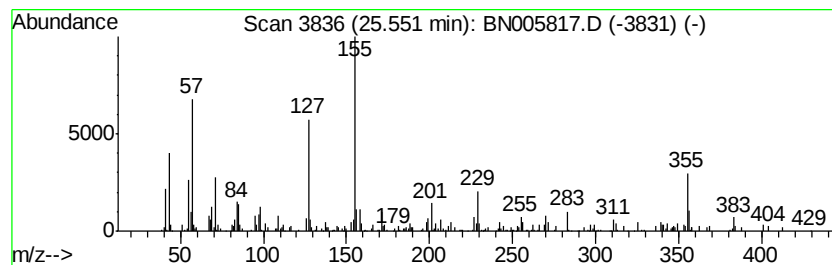
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1-Naphthalenecarboxamide, N... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.55	4.80 ng/ul	389216	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxamide, N-(1-m...	227	C15H17NO	031609-18-4	64
2		2-Naphthuric acid	229	C13H11NO3	069826-63-7	59
3		Naphthalene-1-carboxylic acid 4-...	276	C18H12O3	331253-68-0	50
4		4-Cyanocinnoline	155	C9H5N3	016470-90-9	50
5		2-[5-(3-Bromo-phenyl)-[1,3,4]oxa...	424	C20H13BrN2O2S	1000275-09-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005817.D
Acq On : 21 May 2019 01:31
Operator : JU/SJ
Sample : K2693-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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	4.8	ng/ul	484225	4	16.97	2038730	20.0
Octadecanoic acid	19.19	2.0	ng/ul	204999	5	21.20	2047640	20.0
(DEL) Alkane: Cyc...	20.93	4.0	ng/ul	411248	5	21.20	2047640	20.0
(DEL) Alkane: Str...	22.25	2.4	ng/ul	245444	5	21.20	2047640	20.0
(DEL) Alkane: Str...	22.74	3.2	ng/ul	262238	6	23.42	1620280	20.0
Glycerol tricapry...	22.91	5.4	ng/ul	436993	6	23.42	1620280	20.0
(DEL) Alkane: Str...	23.92	3.2	ng/ul	259034	6	23.42	1620280	20.0
unknown-01	24.06	9.7	ng/ul	787095	6	23.42	1620280	20.0
1-Naphthalenecarb...	25.55	4.8	ng/ul	389216	6	23.42	1620280	20.0