

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121418\
 Data File : BN003943.D
 Acq On : 14 Dec 2018 22:02
 Operator : JU/SJ
 Sample : J6270-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F47

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BN121218MA.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	3.017	3	5	26	rVB	557574	832681	84.18%	8.301%
2	3.193	32	35	47	rVB	13317	21622	2.19%	0.216%
3	4.946	326	333	343	rVB2	38149	65574	6.63%	0.654%
4	6.993	674	681	692	rBV2	100859	195198	19.73%	1.946%
5	7.164	705	710	720	rBV	78986	121792	12.31%	1.214%
6	7.358	737	743	751	rBB	100669	163513	16.53%	1.630%
7	7.834	818	824	830	rBB	121263	189654	19.17%	1.891%
8	8.528	937	942	952	rBB	114025	183203	18.52%	1.826%
9	8.999	1016	1022	1030	rBB	102038	162504	16.43%	1.620%
10	9.716	1138	1144	1150	rBB	83494	126745	12.81%	1.263%
11	10.246	1228	1234	1244	rBB	140505	220775	22.32%	2.201%
12	10.628	1292	1299	1307	rBB	201764	319910	32.34%	3.189%
13	10.769	1317	1323	1332	rBV	127121	211632	21.39%	2.110%
14	13.875	1845	1851	1855	rBV	256283	338731	34.24%	3.377%
15	13.916	1855	1858	1865	rVB	51796	69654	7.04%	0.694%
16	14.163	1894	1900	1913	rBV	329063	459717	46.47%	4.583%
17	14.469	1946	1952	1959	rBV2	310807	457438	46.24%	4.560%
18	14.669	1981	1986	2002	rBV	99354	162085	16.39%	1.616%
19	15.463	2115	2121	2131	rBV	418766	586648	59.31%	5.848%
20	15.587	2139	2142	2148	rBV	19439	22779	2.30%	0.227%
21	17.216	2412	2419	2425	rBV	419774	588919	59.54%	5.871%
22	17.310	2429	2435	2442	rBV	447344	660299	66.75%	6.582%
23	17.469	2458	2462	2468	rBV2	7443	13520	1.37%	0.135%
24	18.081	2561	2566	2577	rBV	39383	66690	6.74%	0.665%
25	19.363	2780	2784	2786	rBV2	13302	14745	1.49%	0.147%
26	19.610	2820	2826	2831	rBV	616704	857007	86.64%	8.543%
27	21.092	3073	3078	3088	rBV	71998	180340	18.23%	1.798%
28	21.398	3125	3130	3135	rBV	698172	863543	87.30%	8.608%
29	22.951	3391	3394	3403	rVB	40064	59314	6.00%	0.591%
30	23.563	3491	3498	3509	rVB	483488	989188	100.00%	9.861%
31	23.716	3517	3524	3538	rVB	405017	826196	83.52%	8.236%

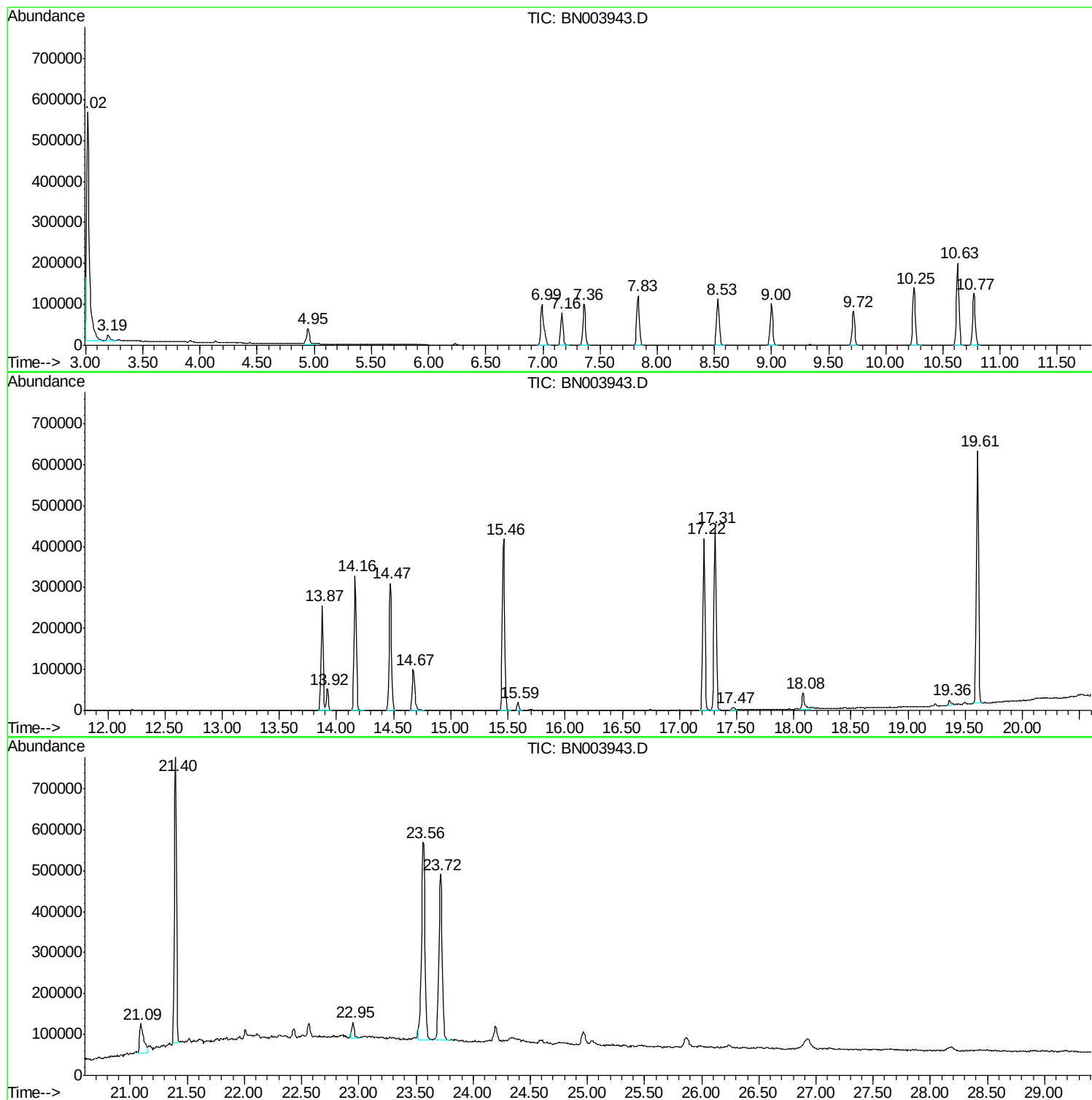
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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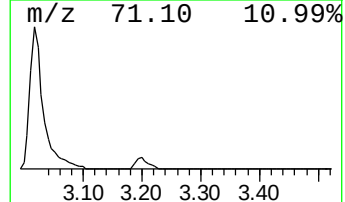
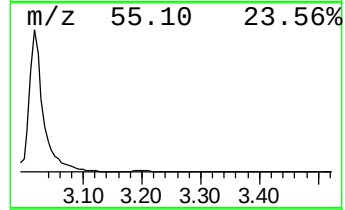
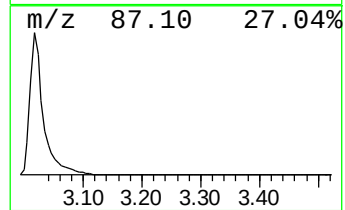
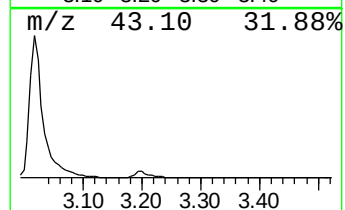
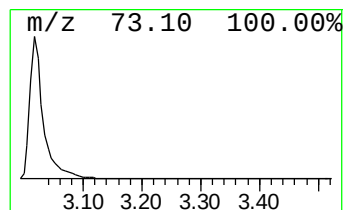
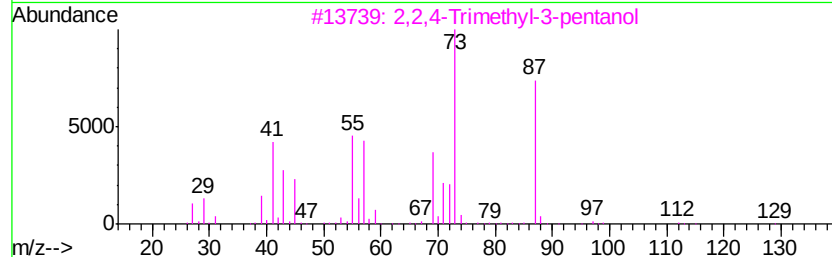
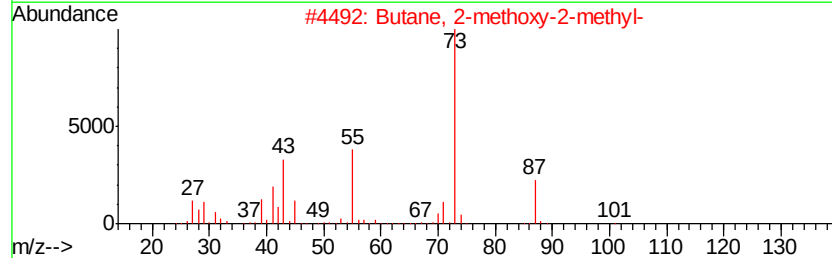
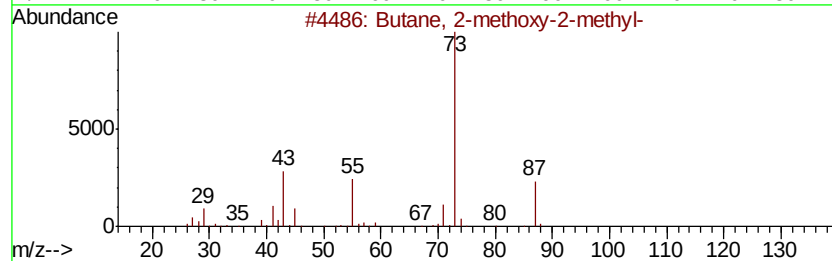
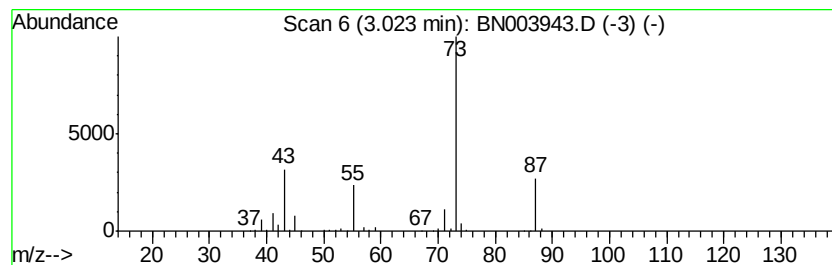
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	87.81 ng/ul	832681	1,4-Dichlorobenzene-d4	7.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90	
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64	
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40	
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17	
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9	



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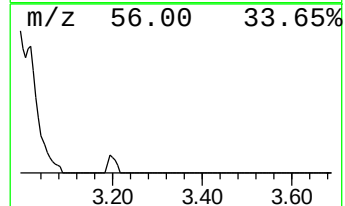
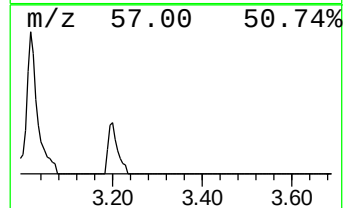
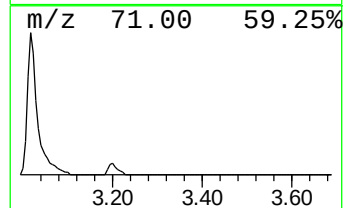
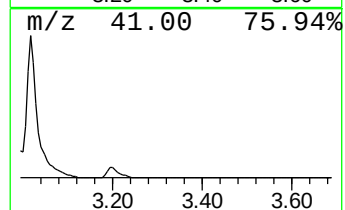
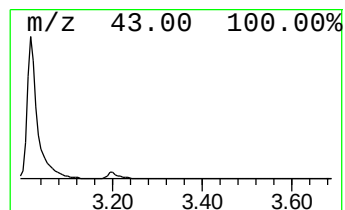
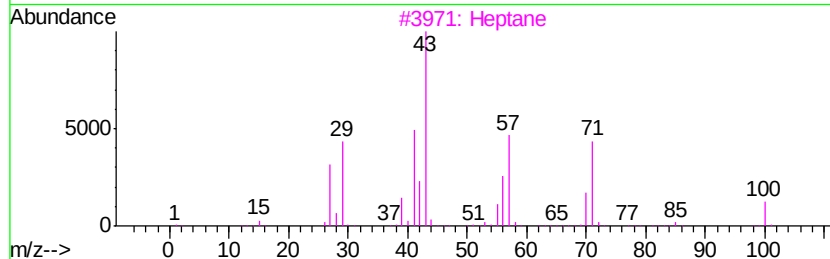
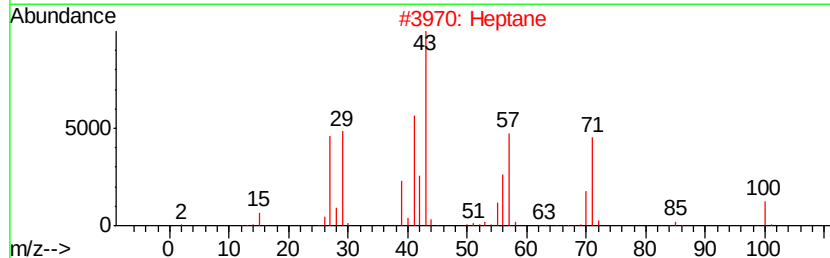
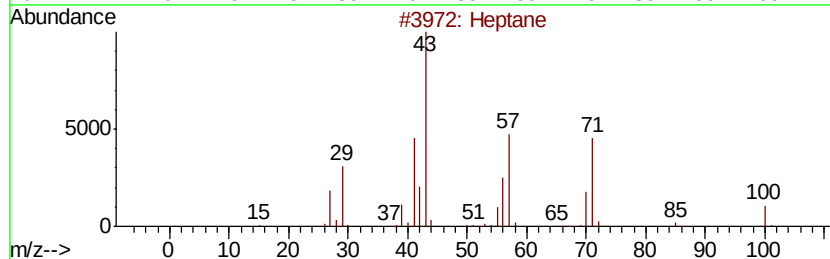
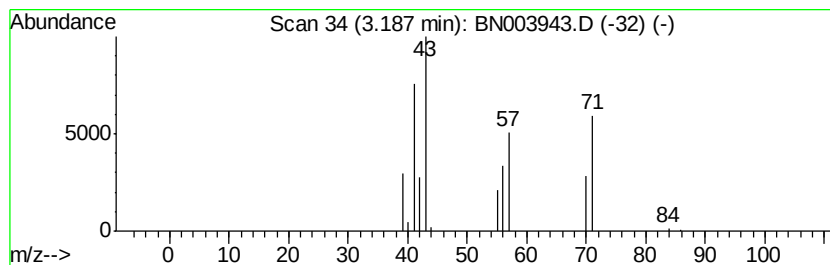
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	2.28 ng/ul	21622	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	90
3		Heptane	100	C7H16	000142-82-5	90
4		Heptane	100	C7H16	000142-82-5	86
5		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45



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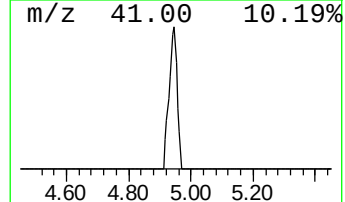
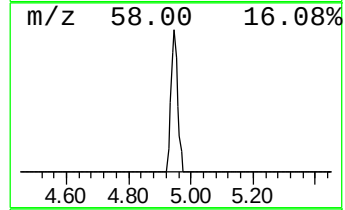
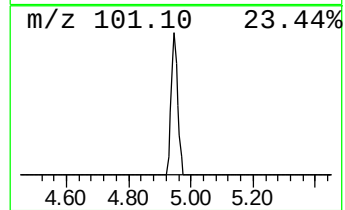
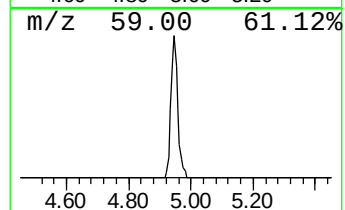
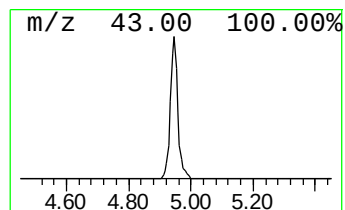
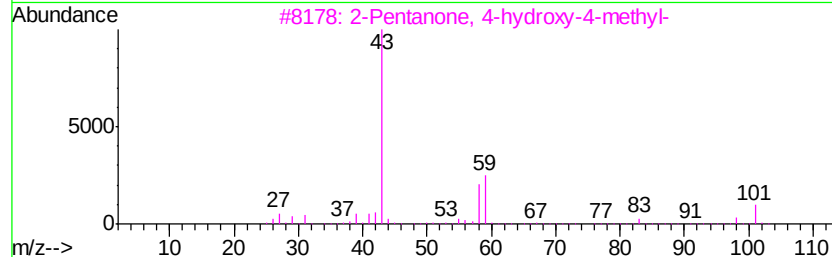
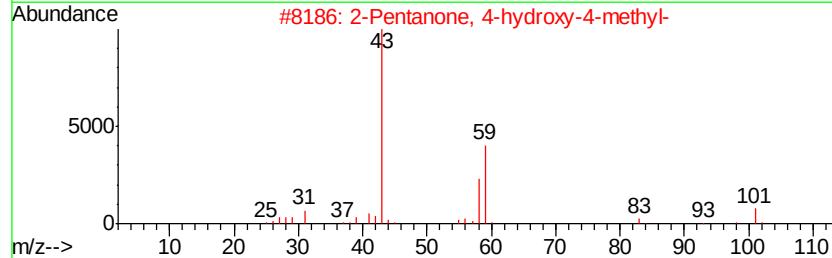
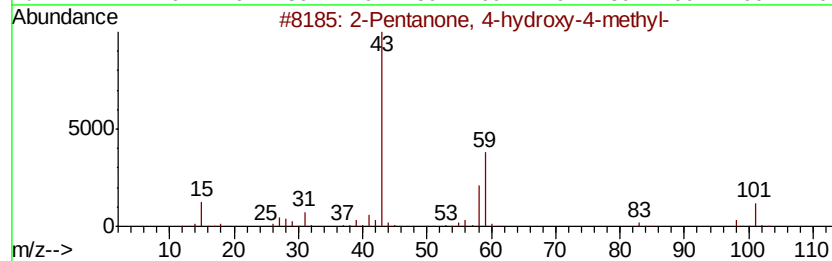
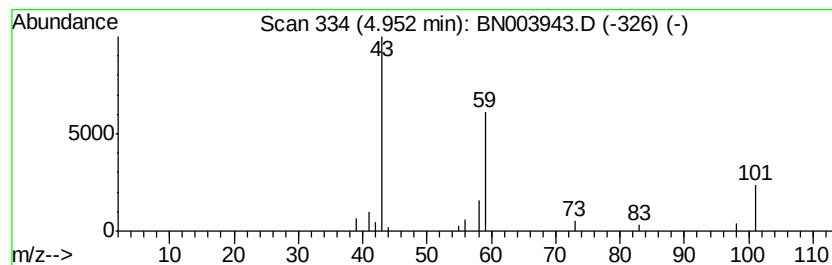
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	6.92 ng/ul	65574	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



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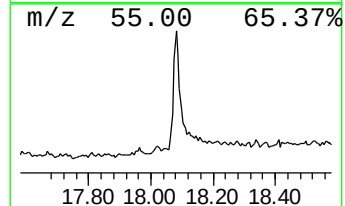
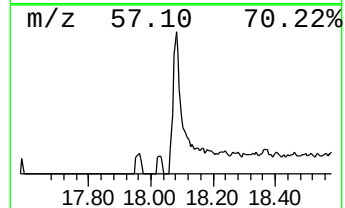
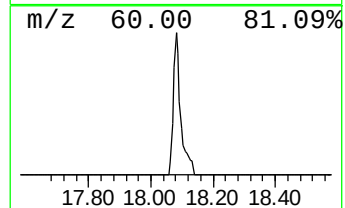
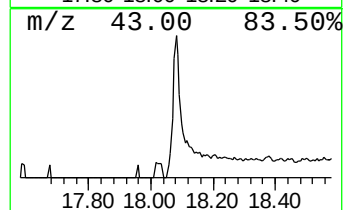
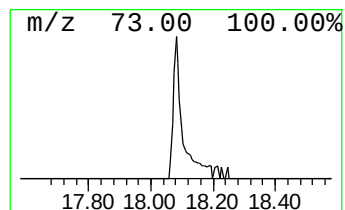
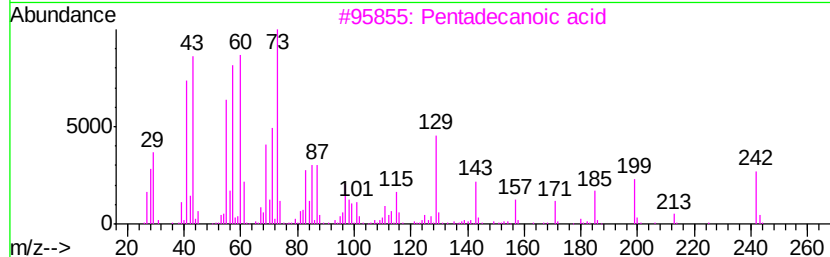
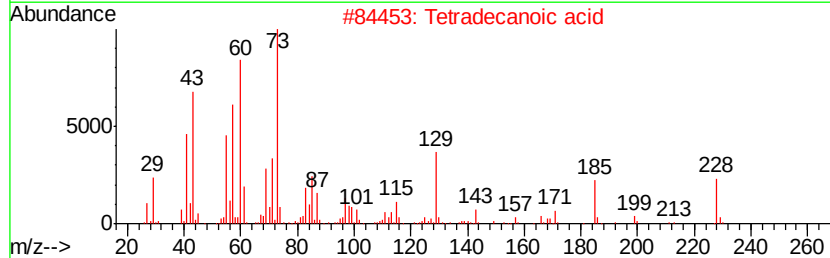
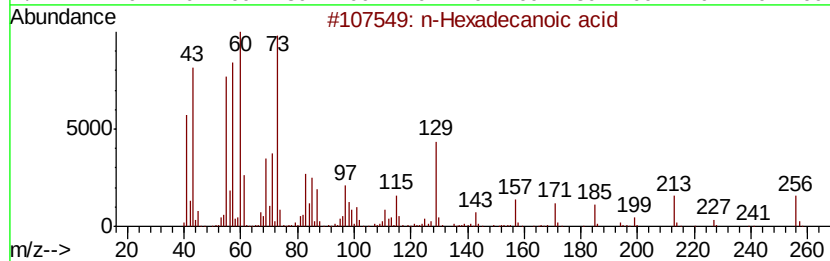
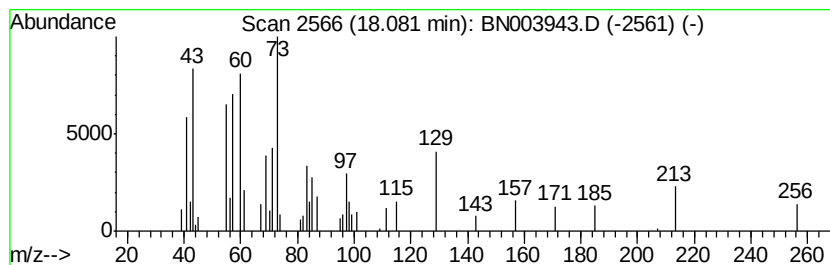
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.26 ng/ul	66690	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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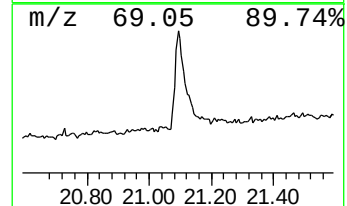
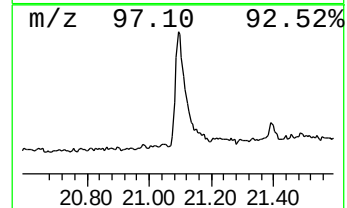
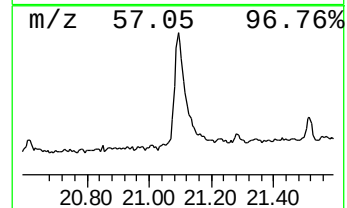
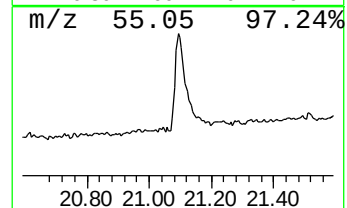
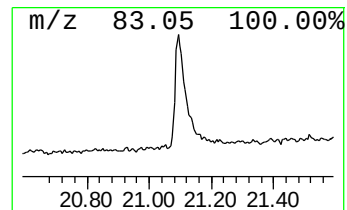
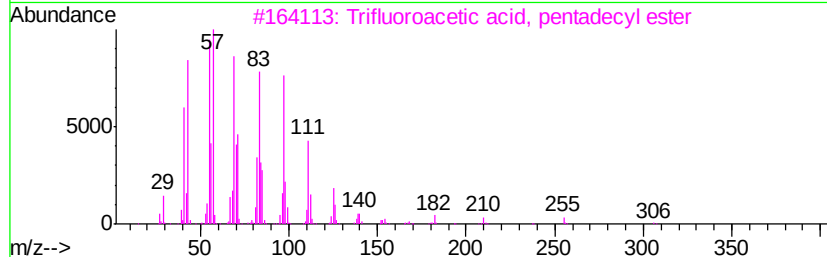
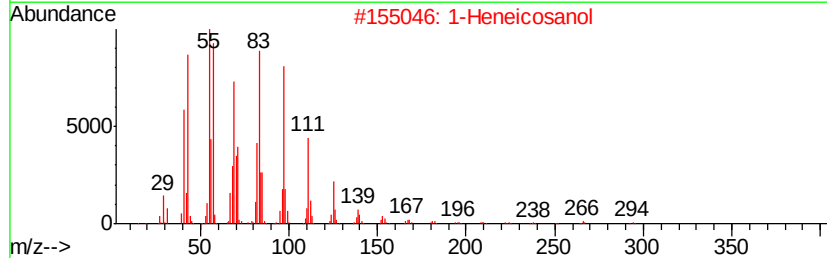
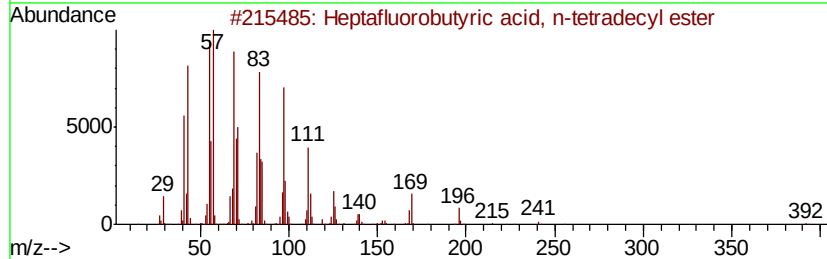
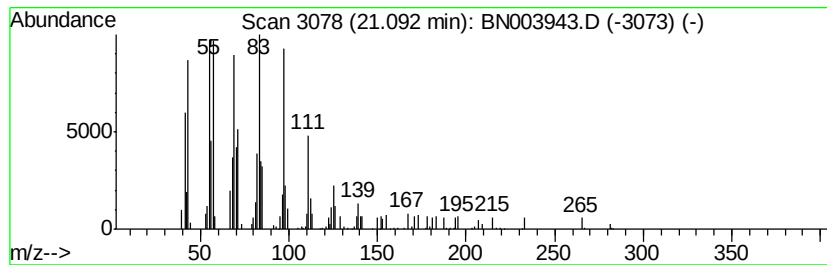
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Peak Number 5 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	4.18 ng/ul	180340	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
4		Behenic alcohol	326	C22H46O	000661-19-8	95
5		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	95



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	87.8	ng/ul	832681	1	7.83	189654	20.0
(DEL) Alkane: Str...	3.19	2.3	ng/ul	21622	1	7.83	189654	20.0
2-Pentanone, 4-hy...	4.95	6.9	ng/ul	65574	1	7.83	189654	20.0
n-Hexadecanoic acid	18.08	2.3	ng/ul	66690	4	17.22	588919	20.0
Heptafluorobutyri...	21.09	4.2	ng/ul	180340	5	21.40	863543	20.0