

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021661.D
 Acq On : 26 Jul 2019 06:45
 Operator : HP/JU
 Sample : K3893-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP13

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-BM072319MA.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	5.487	421	425	433	rVB2	101512	170661	3.09%	0.306%
2	6.875	655	661	673	rVB	445725	760052	13.75%	1.365%
3	7.045	685	690	700	rVB	346914	574328	10.39%	1.031%
4	7.228	716	721	730	rVB	489827	799651	14.47%	1.436%
5	7.692	795	800	808	rVB	482607	784106	14.19%	1.408%
6	8.404	915	921	936	rVB	568674	959870	17.37%	1.723%
7	8.857	992	998	1009	rVB	523602	894623	16.19%	1.606%
8	9.575	1114	1120	1130	rVB	457056	741157	13.41%	1.331%
9	10.104	1203	1210	1227	rVB	705996	1268849	22.96%	2.278%
10	10.475	1266	1273	1280	rBV	774081	1319559	23.87%	2.369%
11	10.633	1293	1300	1317	rBV	494292	969970	17.55%	1.741%
12	11.892	1510	1514	1517	rBV4	4170	5593	0.10%	0.010%
13	12.075	1541	1545	1550	rVB2	9967	13587	0.25%	0.024%
14	12.675	1644	1647	1649	rBV3	7112	8802	0.16%	0.016%
15	12.698	1649	1651	1655	rVB4	8333	10773	0.19%	0.019%
16	12.927	1684	1690	1699	rBV	85800	142812	2.58%	0.256%
17	13.222	1736	1740	1745	rBV4	6615	10220	0.18%	0.018%
18	13.757	1825	1831	1836	rVV	1514960	2106281	38.11%	3.781%
19	13.804	1836	1839	1846	rVB	220070	304442	5.51%	0.547%
20	14.033	1871	1878	1887	rVB	1771199	2543435	46.02%	4.566%
21	14.227	1906	1911	1914	rVB3	4131	5908	0.11%	0.011%
22	14.339	1924	1930	1938	rBV2	1405951	2097796	37.95%	3.766%
23	14.404	1938	1941	1946	rVB4	11252	15430	0.28%	0.028%
24	14.574	1964	1970	1993	rBV	350818	757728	13.71%	1.360%
25	14.745	1995	1999	2003	rVV5	16435	35643	0.64%	0.064%
26	14.786	2003	2006	2014	rVB4	38173	56008	1.01%	0.101%
27	15.104	2054	2060	2063	rBV	31251	46190	0.84%	0.083%
28	15.133	2063	2065	2069	rVV	14810	15966	0.29%	0.029%
29	15.174	2069	2072	2077	rVV3	7999	11419	0.21%	0.021%
30	15.339	2093	2100	2107	rBV	2417805	3370255	60.98%	6.051%
31	15.398	2107	2110	2117	rVB3	17671	25227	0.46%	0.045%
32	15.480	2117	2124	2135	rBV	409439	608537	11.01%	1.093%
33	15.580	2135	2141	2147	rVV	23823	35025	0.63%	0.063%
34	15.686	2153	2159	2161	rBV5	3946	7052	0.13%	0.013%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021661.D
 Acq On : 26 Jul 2019 06:45
 Operator : HP/JU
 Sample : K3893-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP13

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-BM072319MA.M
 Title : SVOA CALIBRATION

35	16.045	2217	2220	2223	rVV4	8399	10486	0.19%	0.019%
36	16.074	2223	2225	2230	rVB3	9704	14355	0.26%	0.026%
37	16.121	2230	2233	2237	rVB3	9184	11559	0.21%	0.021%
38	16.174	2237	2242	2245	rBV5	3625	6033	0.11%	0.011%
39	16.380	2272	2277	2279	rBV5	4883	7051	0.13%	0.013%
40	16.498	2292	2297	2302	rBV5	11147	11937	0.22%	0.021%
41	16.627	2315	2319	2322	rBV5	4980	7477	0.14%	0.013%
42	16.668	2323	2326	2331	rVB4	5691	6759	0.12%	0.012%
43	16.762	2337	2342	2348	rVB2	12633	21263	0.38%	0.038%
44	16.839	2348	2355	2357	rBV6	13651	22256	0.40%	0.040%
45	16.880	2360	2362	2365	rVV3	9830	14204	0.26%	0.026%
46	16.915	2365	2368	2373	rVB	13654	20750	0.38%	0.037%
47	16.992	2377	2381	2387	rVV5	16998	33399	0.60%	0.060%
48	17.092	2392	2398	2403	rVV2	1915597	2771813	50.15%	4.976%
49	17.133	2403	2405	2410	rVV	284024	355337	6.43%	0.638%
50	17.192	2410	2415	2425	rVB	2759844	3862050	69.87%	6.934%
51	17.380	2442	2447	2452	rVB5	9571	13481	0.24%	0.024%
52	17.509	2462	2469	2477	rBV2	41269	78769	1.43%	0.141%
53	17.580	2478	2481	2483	rVB4	8935	8840	0.16%	0.016%
54	17.621	2485	2488	2491	rVB4	5912	7187	0.13%	0.013%
55	17.809	2517	2520	2525	rBV5	6682	13045	0.24%	0.023%
56	17.868	2525	2530	2538	rBV6	23536	50918	0.92%	0.091%
57	17.933	2538	2541	2543	rBV3	9628	12180	0.22%	0.022%
58	17.986	2543	2550	2560	rBV2	481951	912003	16.50%	1.637%
59	18.162	2575	2580	2584	rBV2	73428	127657	2.31%	0.229%
60	18.204	2584	2587	2593	rVB	35579	51793	0.94%	0.093%
61	18.280	2597	2600	2605	rBV7	14111	23521	0.43%	0.042%
62	18.474	2630	2633	2637	rBV	35138	49525	0.90%	0.089%
63	18.527	2638	2642	2648	rVB2	80382	109397	1.98%	0.196%
64	18.715	2672	2674	2679	rVB3	19345	23970	0.43%	0.043%
65	18.892	2700	2704	2709	rBV2	38315	70015	1.27%	0.126%
66	19.039	2727	2729	2736	rVB	37661	53572	0.97%	0.096%
67	19.156	2740	2749	2755	rBV	1020553	1397960	25.29%	2.510%
68	19.268	2764	2768	2780	rBV3	233137	400162	7.24%	0.718%
69	19.492	2800	2806	2810	rBV	3809443	5527217	100.00%	9.923%
70	19.592	2820	2823	2831	rVB	43390	61161	1.11%	0.110%
71	19.703	2839	2842	2846	rVB	37685	49029	0.89%	0.088%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021661.D
 Acq On : 26 Jul 2019 06:45
 Operator : HP/JU
 Sample : K3893-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP13

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-BM072319MA.M
 Title : SVOA CALIBRATION

72	19.845	2863	2866	2867	rBV2	38656	44691	0.81%	0.080%
73	20.021	2892	2896	2900	rVB2	128792	191330	3.46%	0.343%
74	20.121	2909	2913	2916	rBV	90182	113791	2.06%	0.204%
75	20.174	2920	2922	2926	rVB	82156	89195	1.61%	0.160%
76	20.768	3021	3023	3029	rVB	85826	104512	1.89%	0.188%
77	20.933	3048	3051	3054	rBV2	86218	98331	1.78%	0.177%
78	20.992	3055	3061	3069	rVV5	391124	822601	14.88%	1.477%
79	21.068	3071	3074	3081	rVB	151168	196589	3.56%	0.353%
80	21.286	3104	3111	3115	rBV2	3048345	4624637	83.67%	8.303%
81	21.321	3115	3117	3123	rVB	576867	616580	11.16%	1.107%
82	21.427	3132	3135	3140	rVB2	105697	167599	3.03%	0.301%
83	21.856	3205	3208	3211	rVB	423854	408181	7.38%	0.733%
84	22.315	3283	3286	3294	rBV	292058	404376	7.32%	0.726%
85	22.821	3368	3372	3375	rBV	651373	912980	16.52%	1.639%
86	22.856	3375	3378	3383	rVV	281493	519506	9.40%	0.933%
87	23.333	3456	3459	3462	rBV	201175	288200	5.21%	0.517%
88	23.386	3462	3468	3473	rVV	2551796	4517648	81.73%	8.111%
89	23.533	3486	3493	3499	rBV2	1717977	3200018	57.90%	5.745%
90	24.027	3572	3577	3584	rVB	378631	684500	12.38%	1.229%

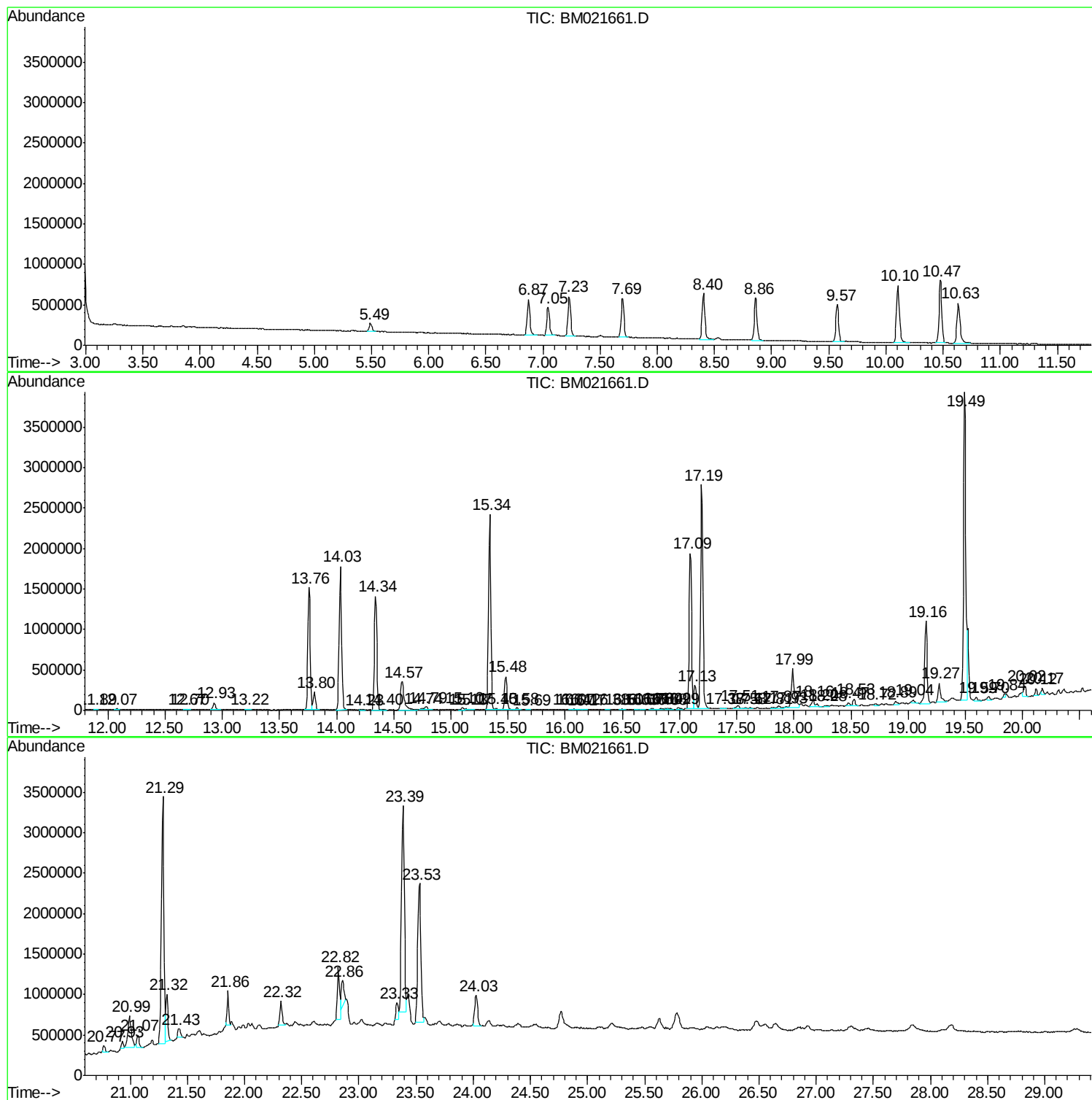
Sum of corrected areas: 55700351

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021661.D
Acq On : 26 Jul 2019 06:45
Operator : HP/JU
Sample : K3893-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021661.D
Acq On : 26 Jul 2019 06:45
Operator : HP/JU
Sample : K3893-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP13

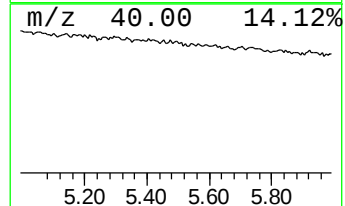
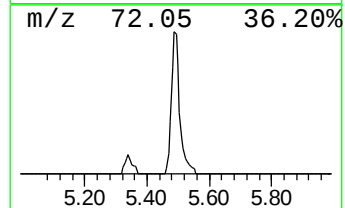
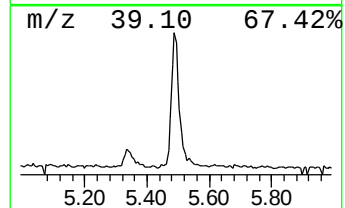
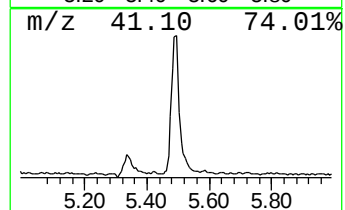
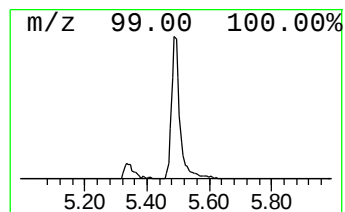
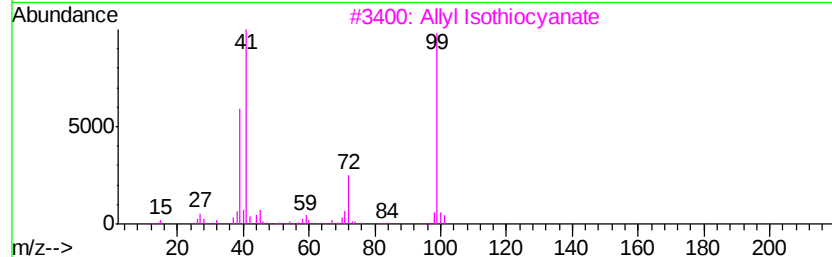
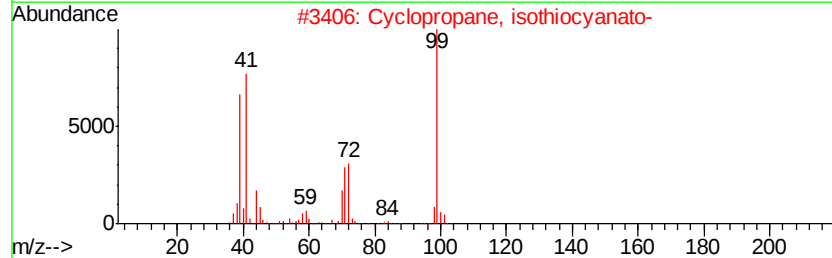
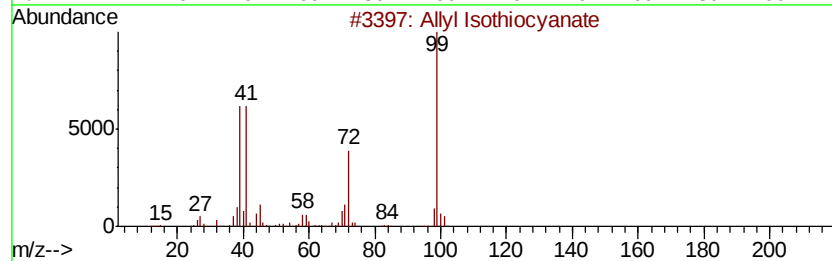
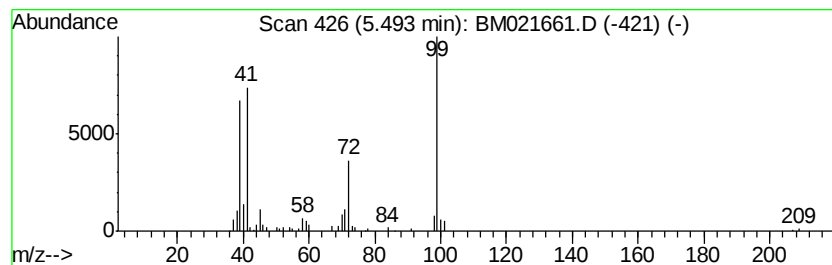
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Allyl Isothiocyanate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	4.35 ng/ul	170661	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Allvl Isothiocvanate	99	C4H5NS	000057-06-7	96
2			Cyclopropane, isothiocvanato-	99	C4H5NS	056601-42-4	93
3			Allvl Isothiocvanate	99	C4H5NS	000057-06-7	91
4			Allvl Isothiocvanate	99	C4H5NS	000057-06-7	91
5			Allyl Isothiocyanate	99	C4H5NS	000057-06-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021661.D
Acq On : 26 Jul 2019 06:45
Operator : HP/JU
Sample : K3893-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

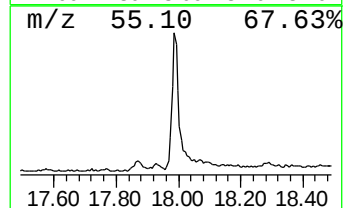
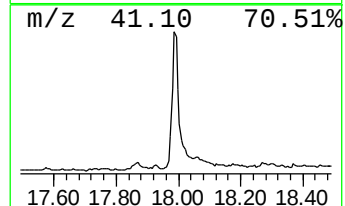
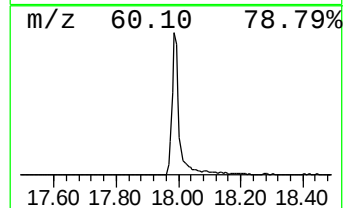
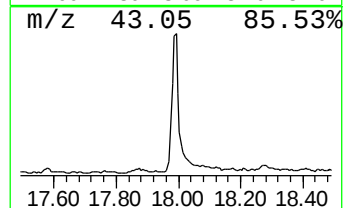
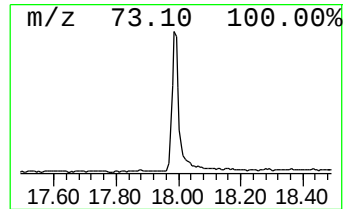
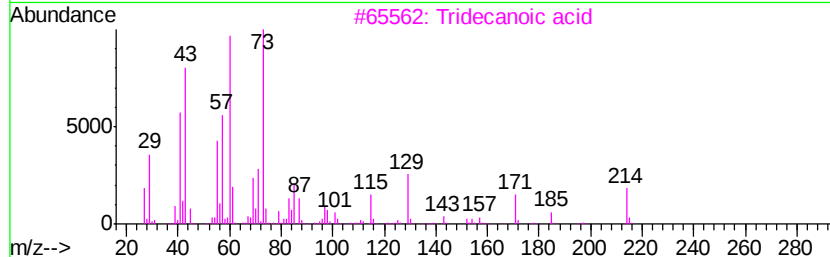
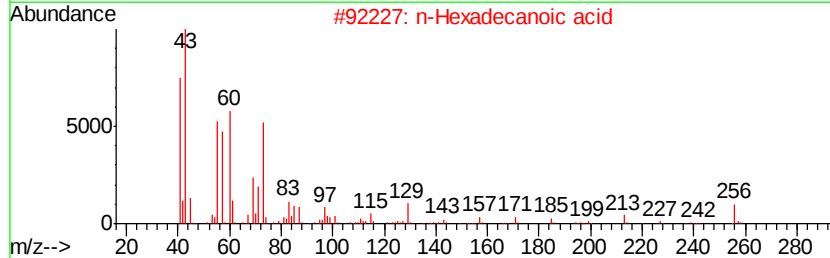
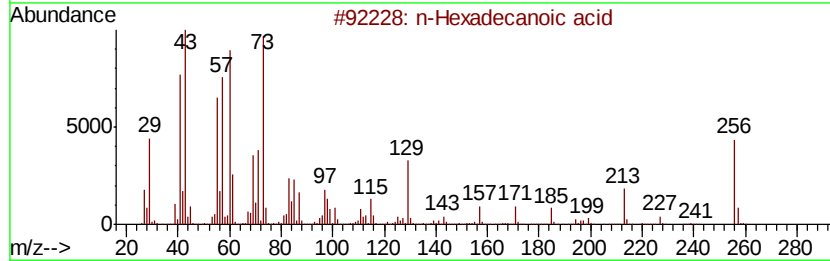
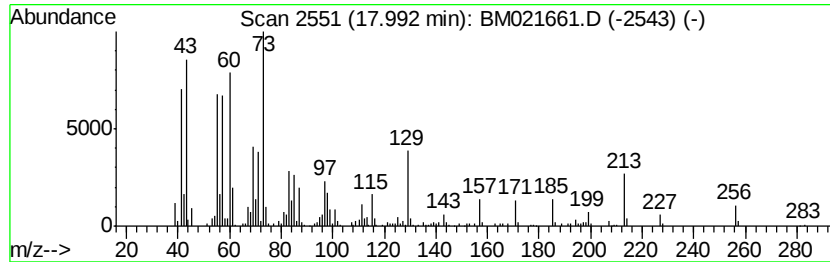
Instrument :
BNA_M
ClientSampleId :
BEP13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.99	6.58 ng/ul	912003	Phenanthrene-d10		17.09		
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			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021661.D
Acq On : 26 Jul 2019 06:45
Operator : HP/JU
Sample : K3893-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP13

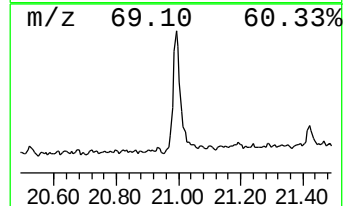
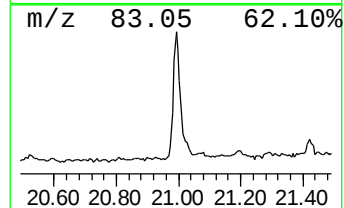
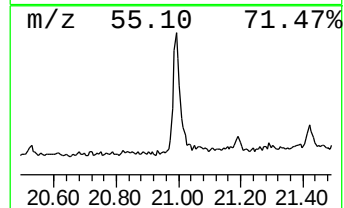
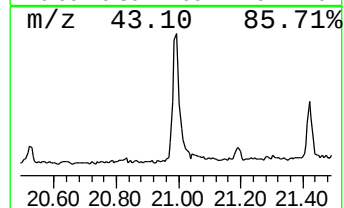
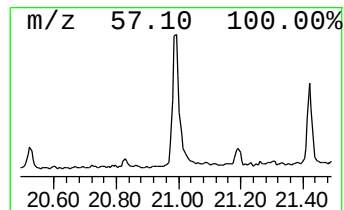
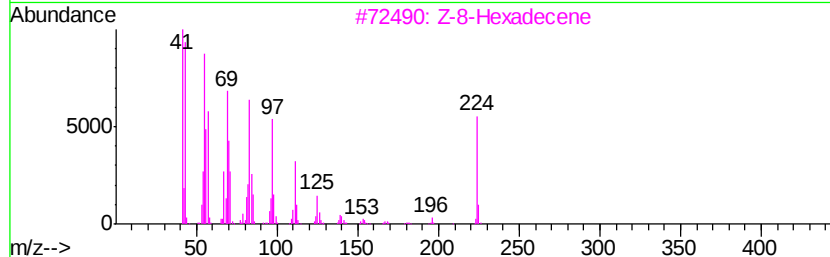
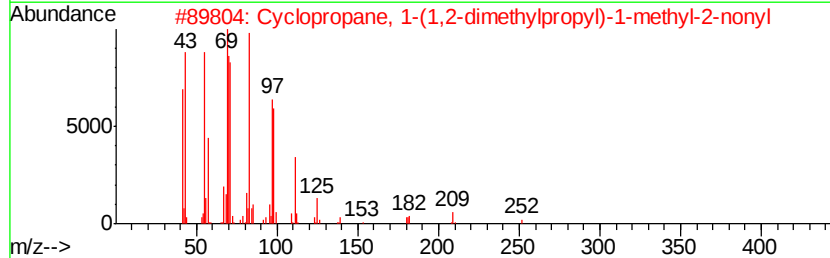
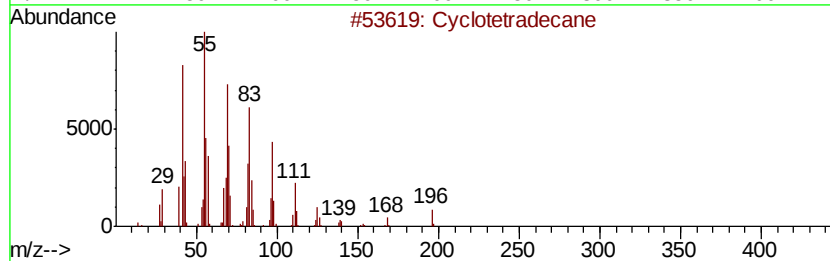
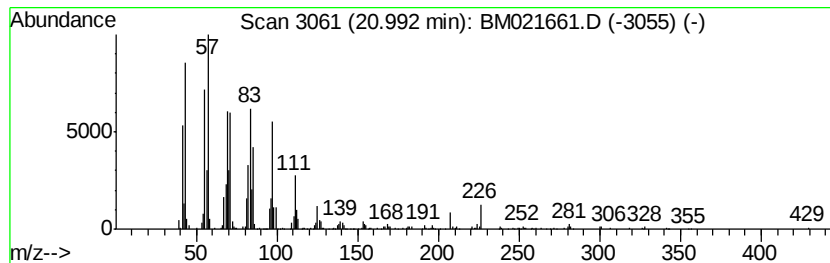
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.99 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.56 ng/ul	822601	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	93
2		Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	86
3		Z-8-Hexadecene	224	C16H32	1000130-87-5	83
4		1-Hexacosanol	382	C26H54O	000506-52-5	81
5		17-Pentatriacontene	491	C35H70	006971-40-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021661.D
Acq On : 26 Jul 2019 06:45
Operator : HP/JU
Sample : K3893-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP13

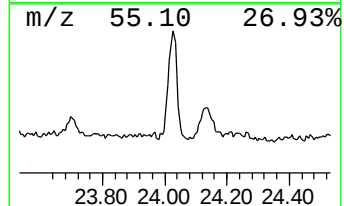
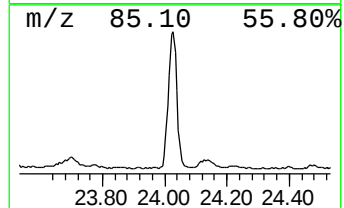
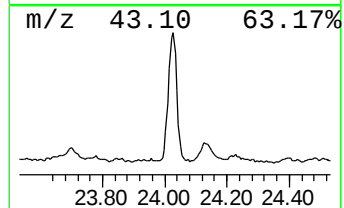
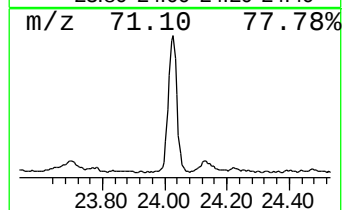
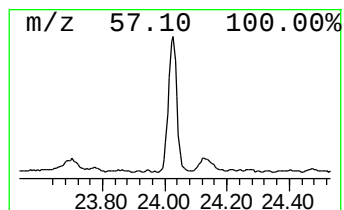
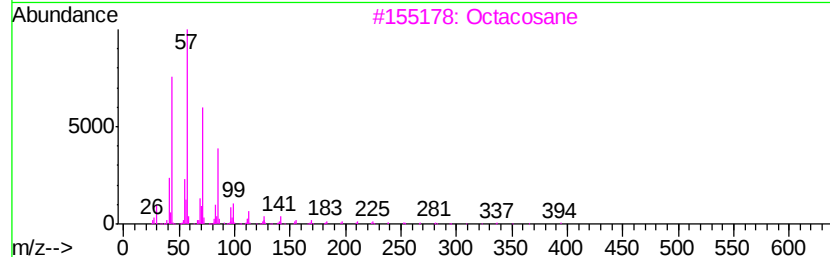
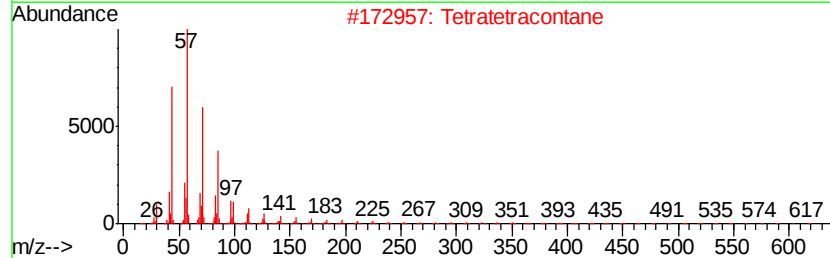
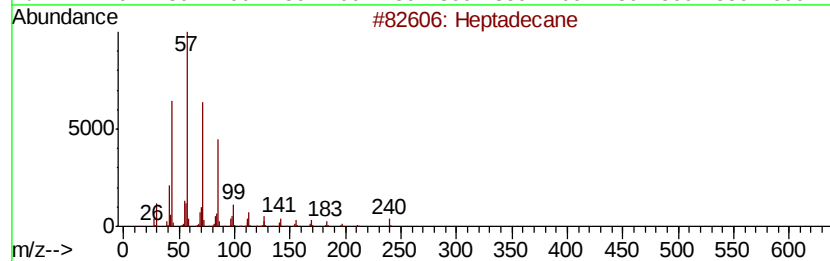
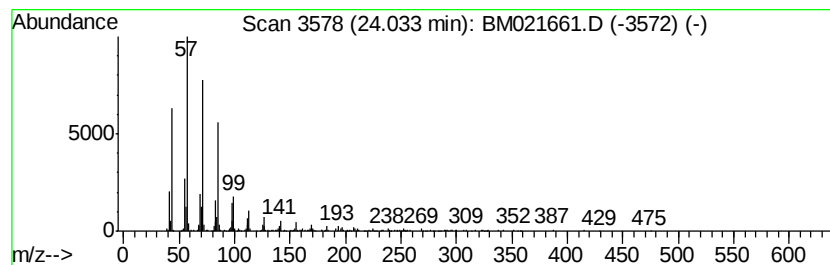
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	4.28 ng/ul	684500	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072519\
Data File : BM021661.D
Acq On : 26 Jul 2019 06:45
Operator : HP/JU
Sample : K3893-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.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
Allyl Isothiocyanate	5.49	4.3	ng/ul	170661	1	7.70	784106	20.0
n-Hexadecanoic acid	17.99	6.6	ng/ul	912003	4	17.09	2771810	20.0
(DEL) Alkane: Cyc...	20.99	3.6	ng/ul	822601	5	21.29	4624640	20.0
(DEL) Alkane: Str...	24.03	4.3	ng/ul	684500	6	23.53	3200020	20.0