

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
 Data File : BN007835.D
 Acq On : 24 Sep 2019 14:23
 Operator : JU
 Sample : K4985-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ETJR7

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-BN091619MA.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	3.217	34	39	77	rVB3	73048570	194405336	100.00%	57.958%
2	3.581	97	101	111	rVB	398758	509029	0.26%	0.152%
3	3.964	161	166	175	rVV	419543	589527	0.30%	0.176%
4	6.864	652	659	670	rBV3	600689	1092964	0.56%	0.326%
5	7.028	681	687	702	rBV	1458406	2490064	1.28%	0.742%
6	7.222	713	720	732	rBV	1679164	2660489	1.37%	0.793%
7	7.687	792	799	807	rBV	2021155	3103138	1.60%	0.925%
8	7.781	808	815	825	rVB	250552	401435	0.21%	0.120%
9	8.387	910	918	928	rBV	800189	1301417	0.67%	0.388%
10	8.828	986	993	1000	rBV	1949839	3149567	1.62%	0.939%
11	9.299	1068	1073	1081	rVB2	137908	205425	0.11%	0.061%
12	9.546	1107	1115	1122	rBV	1455892	2326496	1.20%	0.694%
13	10.081	1196	1206	1223	rBV	2451788	4096894	2.11%	1.221%
14	10.458	1260	1270	1279	rBV	2748311	4642389	2.39%	1.384%
15	10.593	1288	1293	1301	rVB	131716	230004	0.12%	0.069%
16	13.728	1817	1826	1831	rBV	5571031	7404674	3.81%	2.208%
17	13.775	1831	1834	1841	rVB	314947	453322	0.23%	0.135%
18	14.004	1865	1873	1884	rBV	6003149	8594593	4.42%	2.562%
19	14.316	1919	1926	1943	rVB	4402251	6430053	3.31%	1.917%
20	14.510	1952	1959	1974	rBV	433974	746484	0.38%	0.223%
21	15.310	2088	2095	2108	rBV	7734586	10941536	5.63%	3.262%
22	15.428	2109	2115	2124	rBV	1822578	2503103	1.29%	0.746%
23	17.057	2384	2392	2399	rBV2	5424140	7735528	3.98%	2.306%
24	17.157	2403	2409	2418	rBV	8104455	11122559	5.72%	3.316%
25	17.975	2543	2548	2563	rBV2	429009	776194	0.40%	0.231%
26	18.287	2596	2601	2609	rBV3	95392	194545	0.10%	0.058%
27	19.086	2732	2737	2743	rBV2	156612	313585	0.16%	0.093%
28	19.263	2762	2767	2772	rBV2	219831	327001	0.17%	0.097%
29	19.457	2794	2800	2806	rVV2	10697311	14830939	7.63%	4.422%
30	19.522	2808	2811	2820	rVB	255592	418871	0.22%	0.125%
31	19.881	2868	2872	2880	rBV	149605	213378	0.11%	0.064%
32	20.533	2980	2983	2987	rVB	267175	266091	0.14%	0.079%
33	20.998	3057	3062	3069	rBV2	800084	1179799	0.61%	0.352%
34	21.257	3101	3106	3115	rBV	7481874	9228956	4.75%	2.751%

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35	21.380	3123	3127	3133	rBV	207631	297467	0.15%	0.089%
36	21.439	3133	3137	3141	rVV	573446	595128	0.31%	0.177%
37	21.875	3207	3211	3217	rBV	588637	741681	0.38%	0.221%
38	22.333	3285	3289	3295	rVB	622051	788018	0.41%	0.235%
39	22.457	3307	3310	3316	rVB	190616	250999	0.13%	0.075%
40	22.839	3370	3375	3382	rBV	608383	913639	0.47%	0.272%
41	23.339	3452	3460	3466	rBV	8663042	15186985	7.81%	4.528%
42	23.398	3466	3470	3476	rVV	646429	1089118	0.56%	0.325%
43	23.474	3476	3483	3494	rVB2	4953402	9299613	4.78%	2.772%
44	24.039	3574	3579	3587	rVB	453857	792385	0.41%	0.236%
45	24.774	3700	3704	3712	rVB	318748	586251	0.30%	0.175%

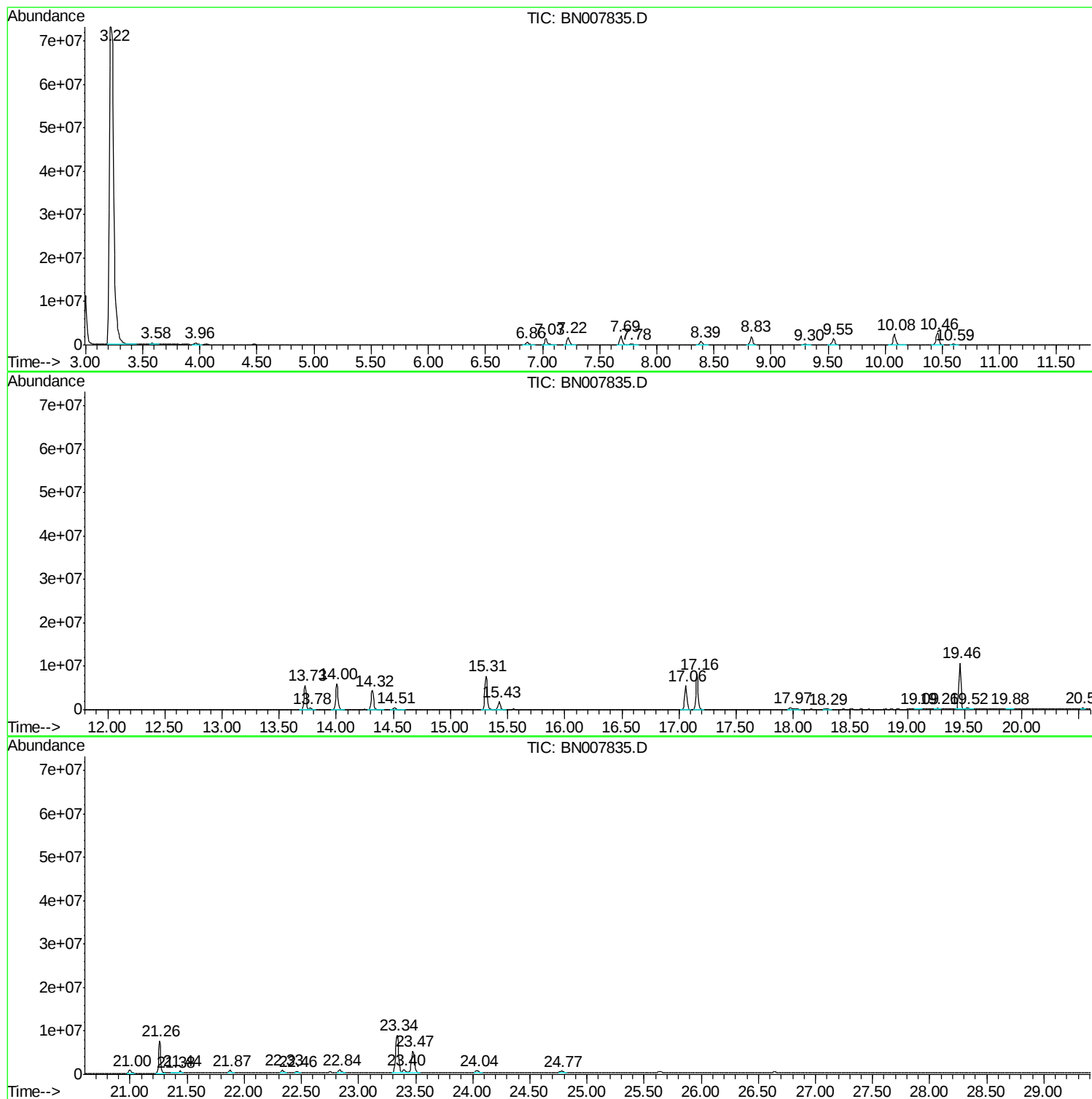
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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



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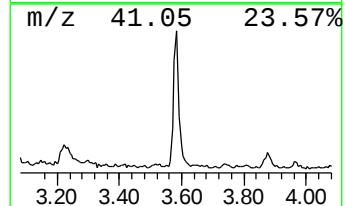
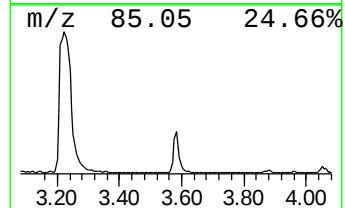
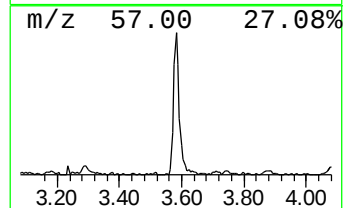
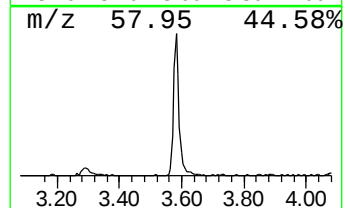
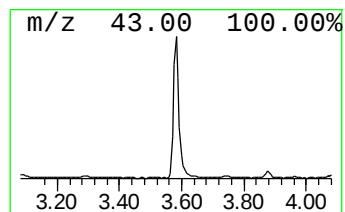
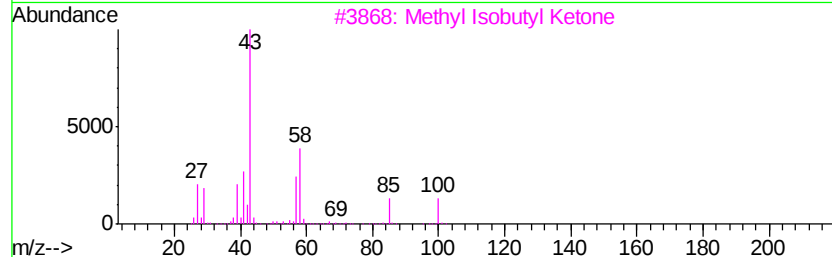
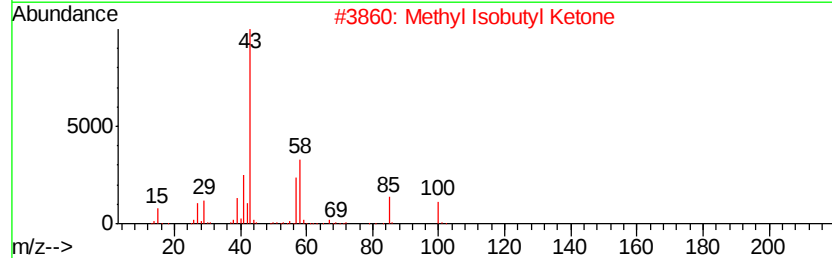
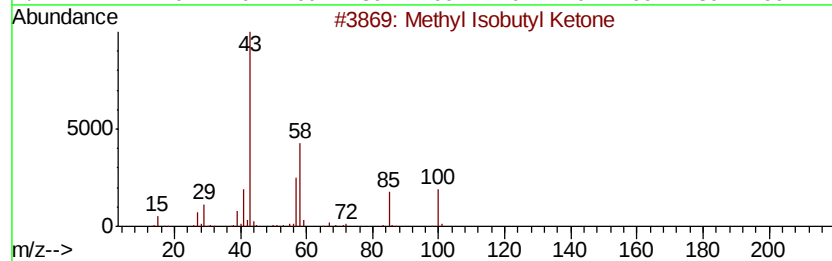
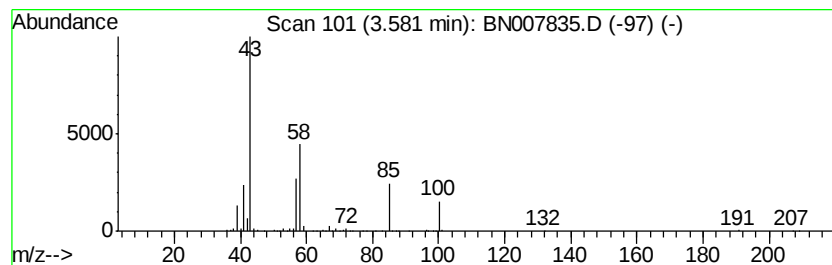
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.58	3.28 ng/ul	509029	1,4-Dichlorobenzene-d4	7.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
2			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64
3			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	59
4			2-Hexanone	100	C6H12O	000591-78-6	59
5			2-Hexanone	100	C6H12O	000591-78-6	49



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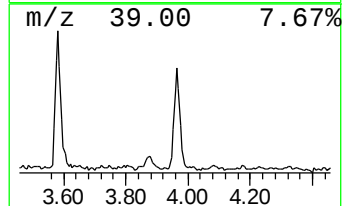
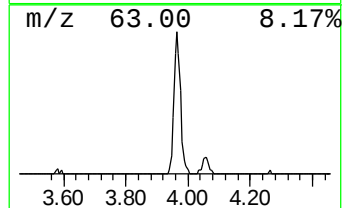
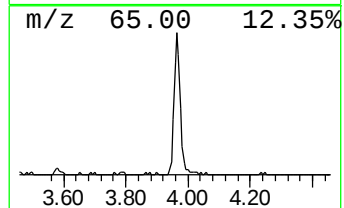
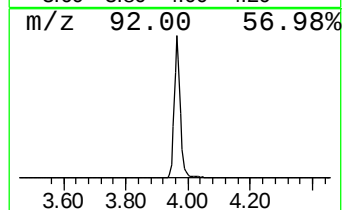
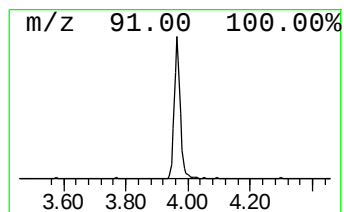
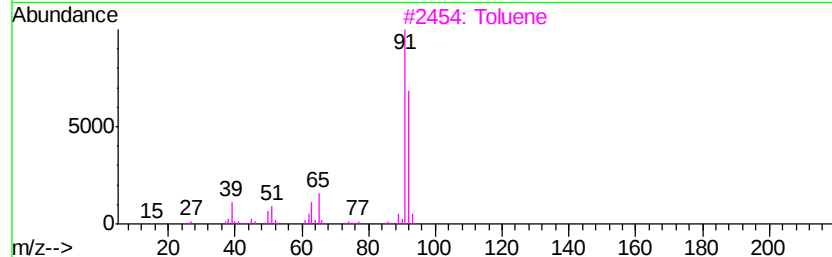
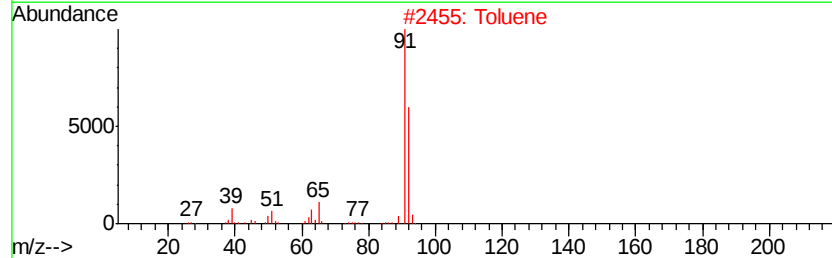
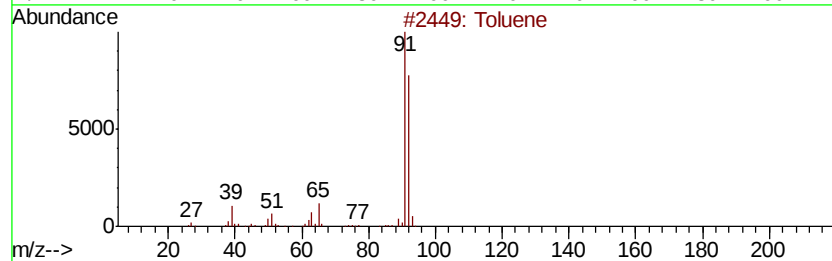
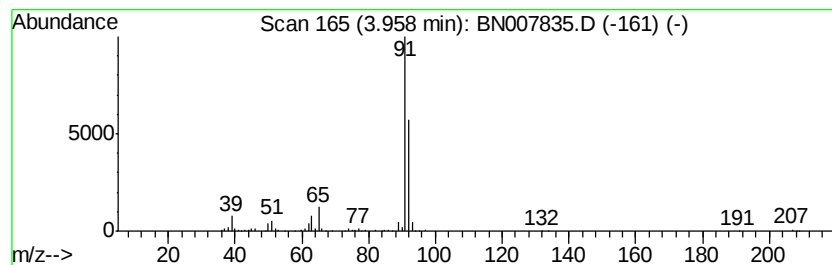
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	3.80 ng/ul	589527	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	95
2		Toluene	92	C7H8	000108-88-3	94
3		Toluene	92	C7H8	000108-88-3	91
4		Toluene	92	C7H8	000108-88-3	91
5		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90



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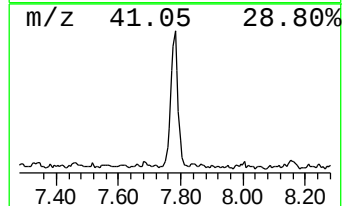
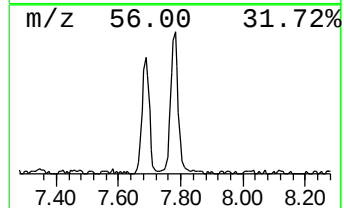
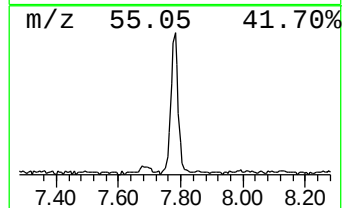
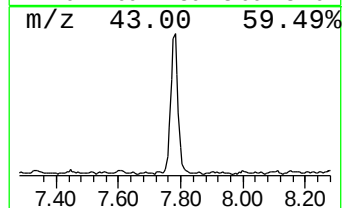
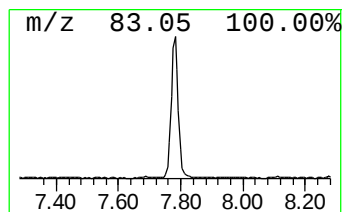
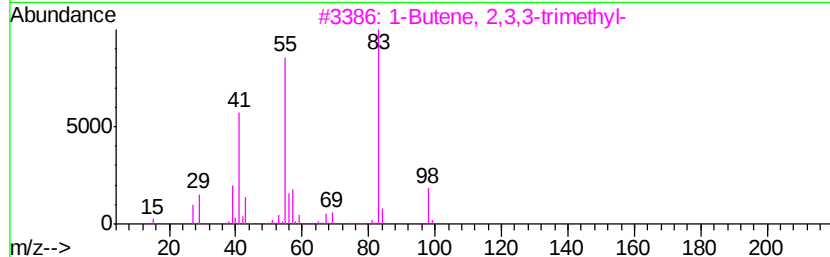
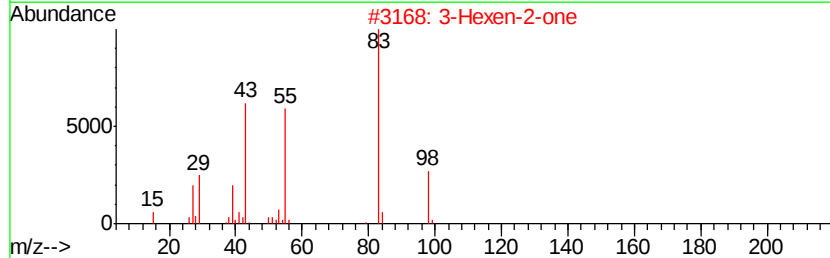
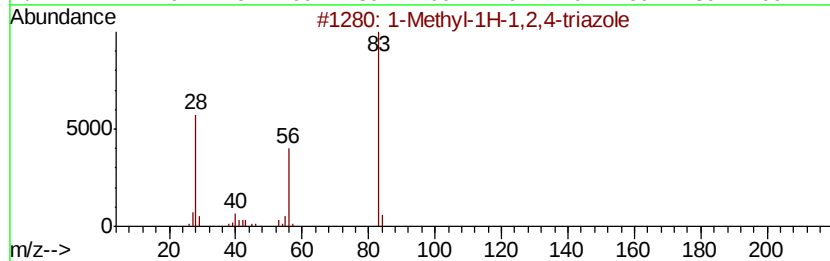
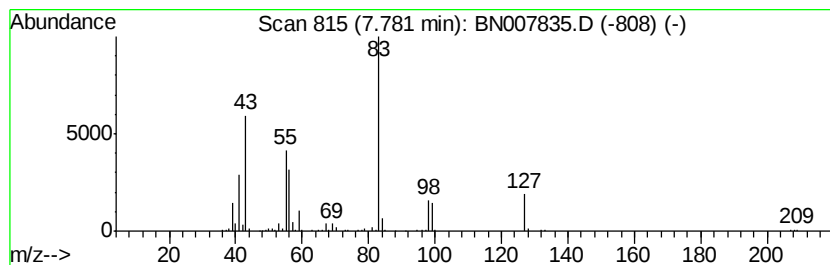
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1-Methyl-1H-1,2,4-triazole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	2.59 ng/ul	401435	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	50
2		3-Hexen-2-one	98	C6H10O	000763-93-9	40
3		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	40
4		Ethyl trans-2-pentenoate	128	C7H12O2	024410-84-2	38
5		N,N'-Bis(2,6-dimethyl-6-nitrosoh...	338	C18H30N2O4	066737-12-0	37



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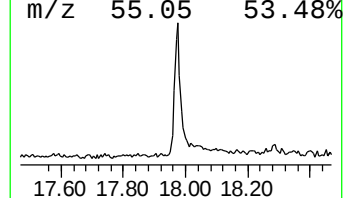
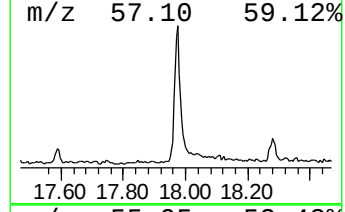
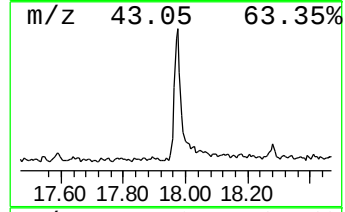
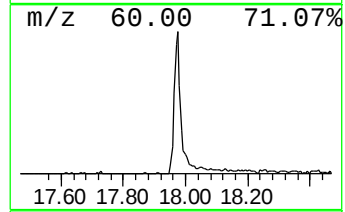
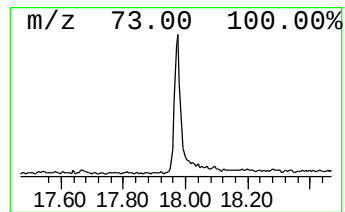
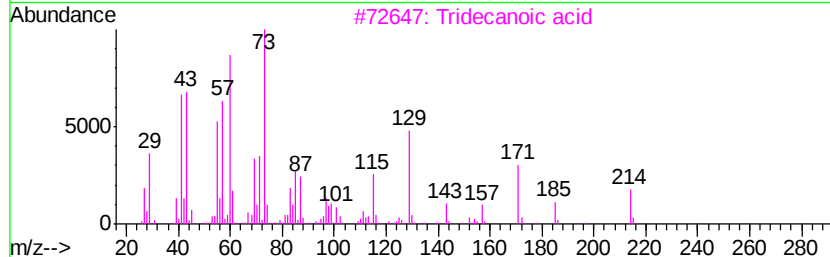
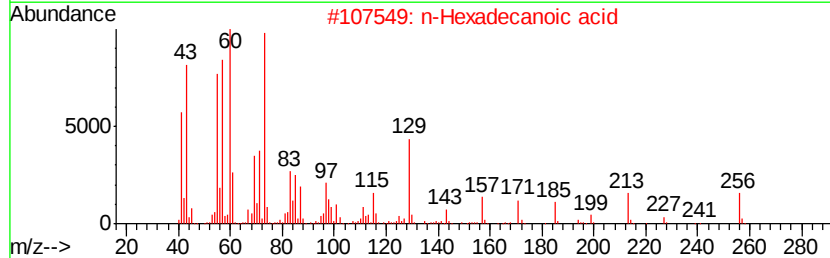
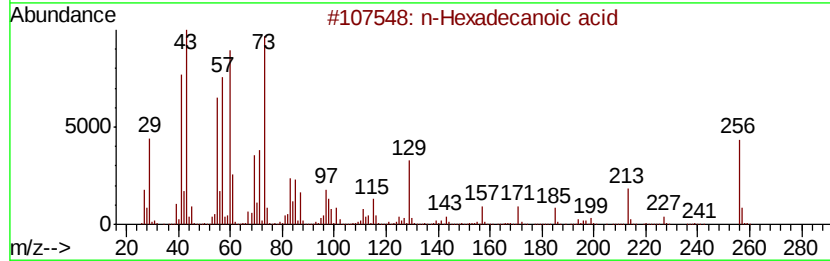
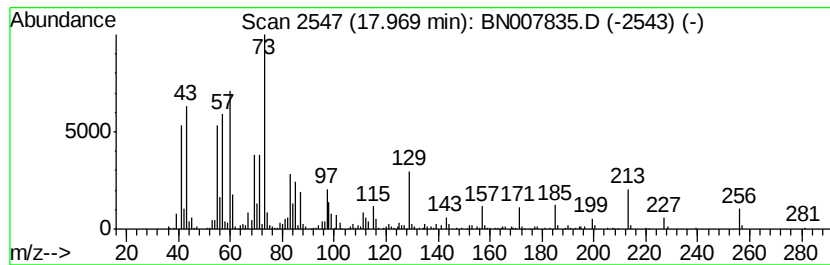
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.01 ng/ul	776194	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	62



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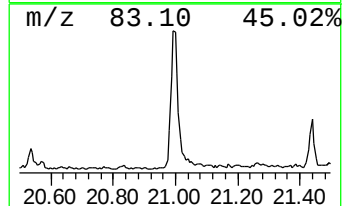
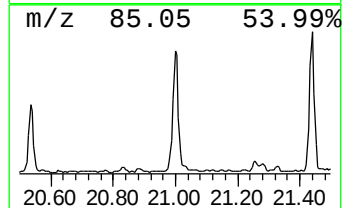
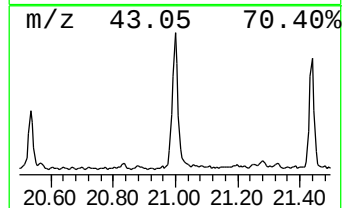
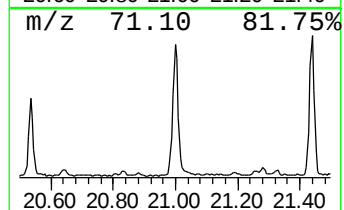
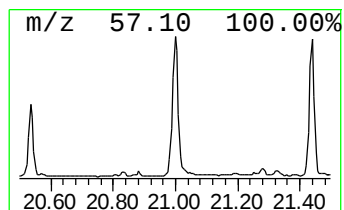
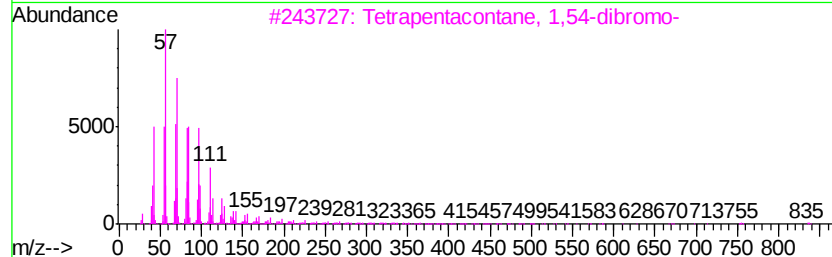
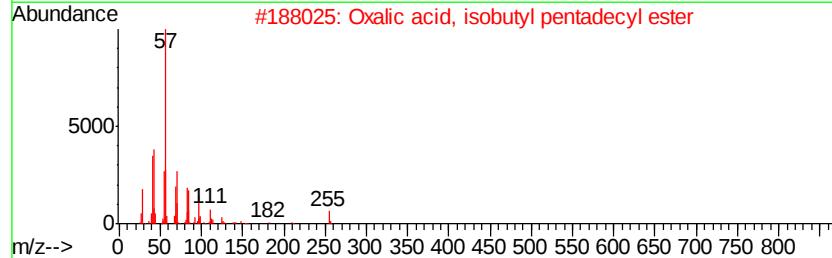
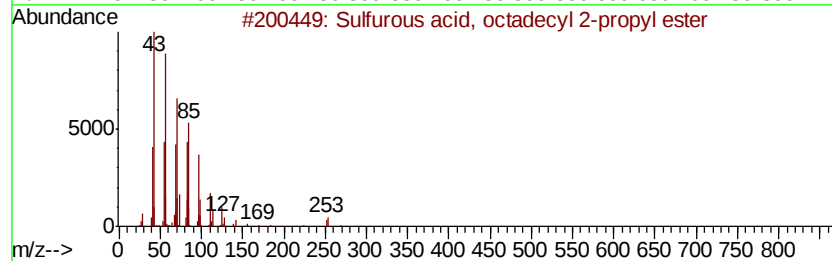
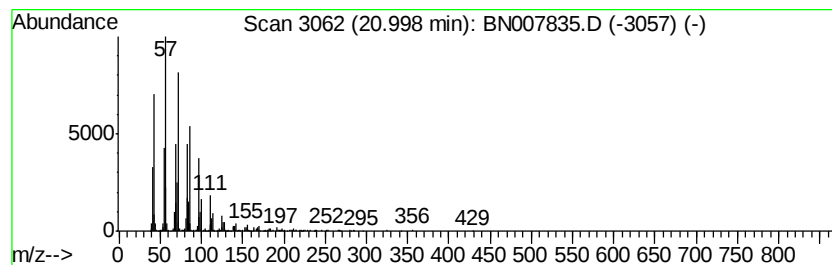
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Sulfurous acid, octadecyl 2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.56 ng/ul	1179800	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87
3		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	83
4		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
5		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007835.D
Acq On : 24 Sep 2019 14:23
Operator : JU
Sample : K4985-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ETJR7

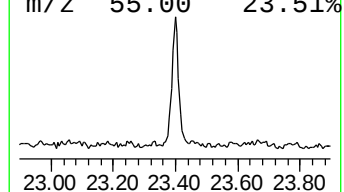
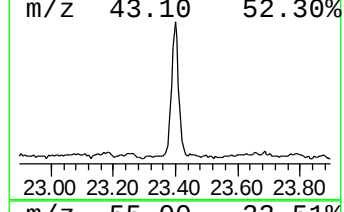
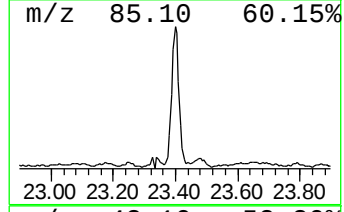
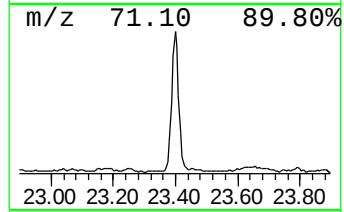
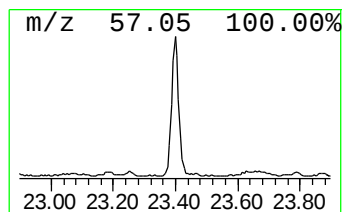
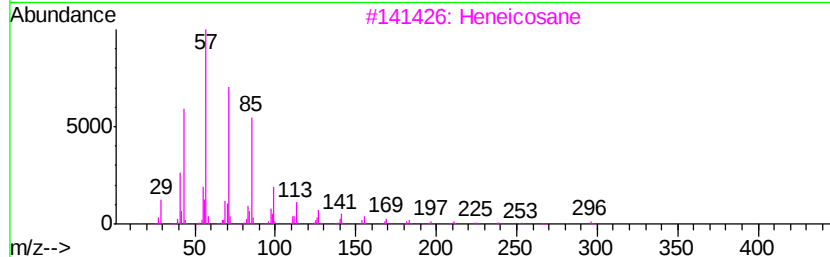
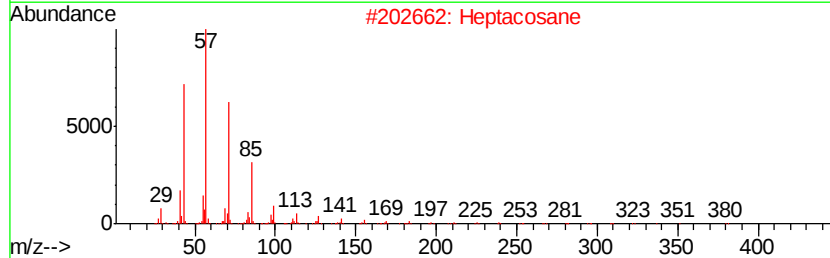
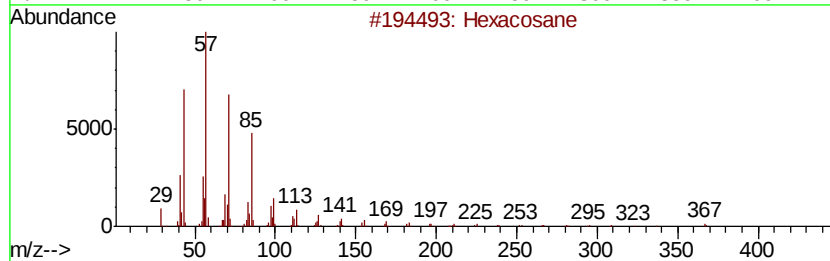
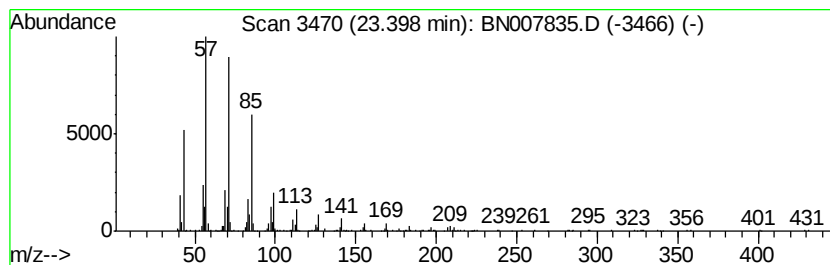
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	2.34 ng/ul	1089120	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092419\
Data File : BN007835.D
Acq On : 24 Sep 2019 14:23
Operator : JU
Sample : K4985-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ETJR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methyl Isobutyl K...	3.58	3.3	ng/ul	509029	1	7.69	3103140	20.0
Toluene	3.96	3.8	ng/ul	589527	1	7.69	3103140	20.0
1-Methyl-1H-1,2,4...	7.78	2.6	ng/ul	401435	1	7.69	3103140	20.0
n-Hexadecanoic acid	17.97	2.0	ng/ul	776194	4	17.06	7735530	20.0
Sulfurous acid, o...	21.00	2.6	ng/ul	1179800	5	21.26	9228960	20.0
(DEL) Alkane: Str...	23.40	2.3	ng/ul	1089120	6	23.47	9299610	20.0