

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
 Data File : BN007834.D
 Acq On : 24 Sep 2019 13:47
 Operator : JU
 Sample : K4985-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ETJR6

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	3.223	34	40	43	rBV4	73712296	171078483	100.00%	50.882%
2	3.581	97	101	113	rVB	1160896	1437659	0.84%	0.428%
3	3.964	161	166	177	rVV	2849558	3891254	2.27%	1.157%
4	4.058	177	182	193	rVB	315920	473214	0.28%	0.141%
5	4.481	248	254	267	rVB	4566807	6837505	4.00%	2.034%
6	5.246	379	384	392	rVB	116584	174094	0.10%	0.052%
7	5.375	401	406	416	rBV	191150	394712	0.23%	0.117%
8	6.864	652	659	668	rBV	607067	1081876	0.63%	0.322%
9	7.028	681	687	709	rBV	1531172	2709655	1.58%	0.806%
10	7.222	713	720	735	rVV	1895034	3066460	1.79%	0.912%
11	7.687	792	799	808	rBV	2014438	3119128	1.82%	0.928%
12	8.387	911	918	928	rBV	1580459	2473088	1.45%	0.736%
13	8.828	982	993	1005	rBV	1993847	3323980	1.94%	0.989%
14	9.546	1108	1115	1125	rBV	1460504	2329148	1.36%	0.693%
15	10.081	1199	1206	1217	rBV	2766472	4425841	2.59%	1.316%
16	10.457	1263	1270	1279	rBV	2770515	4454264	2.60%	1.325%
17	10.593	1285	1293	1306	rBV	344167	630149	0.37%	0.187%
18	13.728	1819	1826	1831	rBV	5755316	7708961	4.51%	2.293%
19	13.775	1831	1834	1841	rVB	275842	373709	0.22%	0.111%
20	14.004	1866	1873	1884	rBV	6094963	8918849	5.21%	2.653%
21	14.316	1919	1926	1932	rBV	4414875	6439595	3.76%	1.915%
22	14.510	1953	1959	1972	rBV	503061	813933	0.48%	0.242%
23	15.310	2088	2095	2106	rBV	8034824	11466237	6.70%	3.410%
24	15.428	2109	2115	2127	rVV	1920339	2586728	1.51%	0.769%
25	17.057	2386	2392	2402	rBV2	5449214	7882162	4.61%	2.344%
26	17.157	2403	2409	2422	rVV	9556789	13327717	7.79%	3.964%
27	17.975	2543	2548	2558	rBV	570904	940976	0.55%	0.280%
28	19.092	2734	2738	2744	rBV	132893	233339	0.14%	0.069%
29	19.263	2762	2767	2775	rBV	327478	535421	0.31%	0.159%
30	19.457	2794	2800	2806	rBV	12425632	17189426	10.05%	5.112%
31	20.033	2895	2898	2902	rVB	191857	198618	0.12%	0.059%
32	20.533	2979	2983	2987	rBV	370078	369730	0.22%	0.110%
33	20.998	3056	3062	3070	rBV2	1143572	1854963	1.08%	0.552%
34	21.257	3101	3106	3115	rBV	7493079	9403692	5.50%	2.797%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	21.439	3133	3137	3145	rVB	703029	776259	0.45%	0.231%
36	21.869	3206	3210	3219	rBV	787429	1050657	0.61%	0.312%
37	22.333	3285	3289	3297	rVB	857575	1112153	0.65%	0.331%
38	22.833	3370	3374	3384	rVB	877847	1306042	0.76%	0.388%
39	23.339	3452	3460	3466	rBV	9271617	16919638	9.89%	5.032%
40	23.398	3466	3470	3476	rVV	868862	1443662	0.84%	0.429%
41	23.474	3476	3483	3493	rVB	5027745	9322199	5.45%	2.773%
42	24.039	3573	3579	3586	rBV2	625676	1150877	0.67%	0.342%
43	24.774	3698	3704	3715	rBV3	414649	999325	0.58%	0.297%

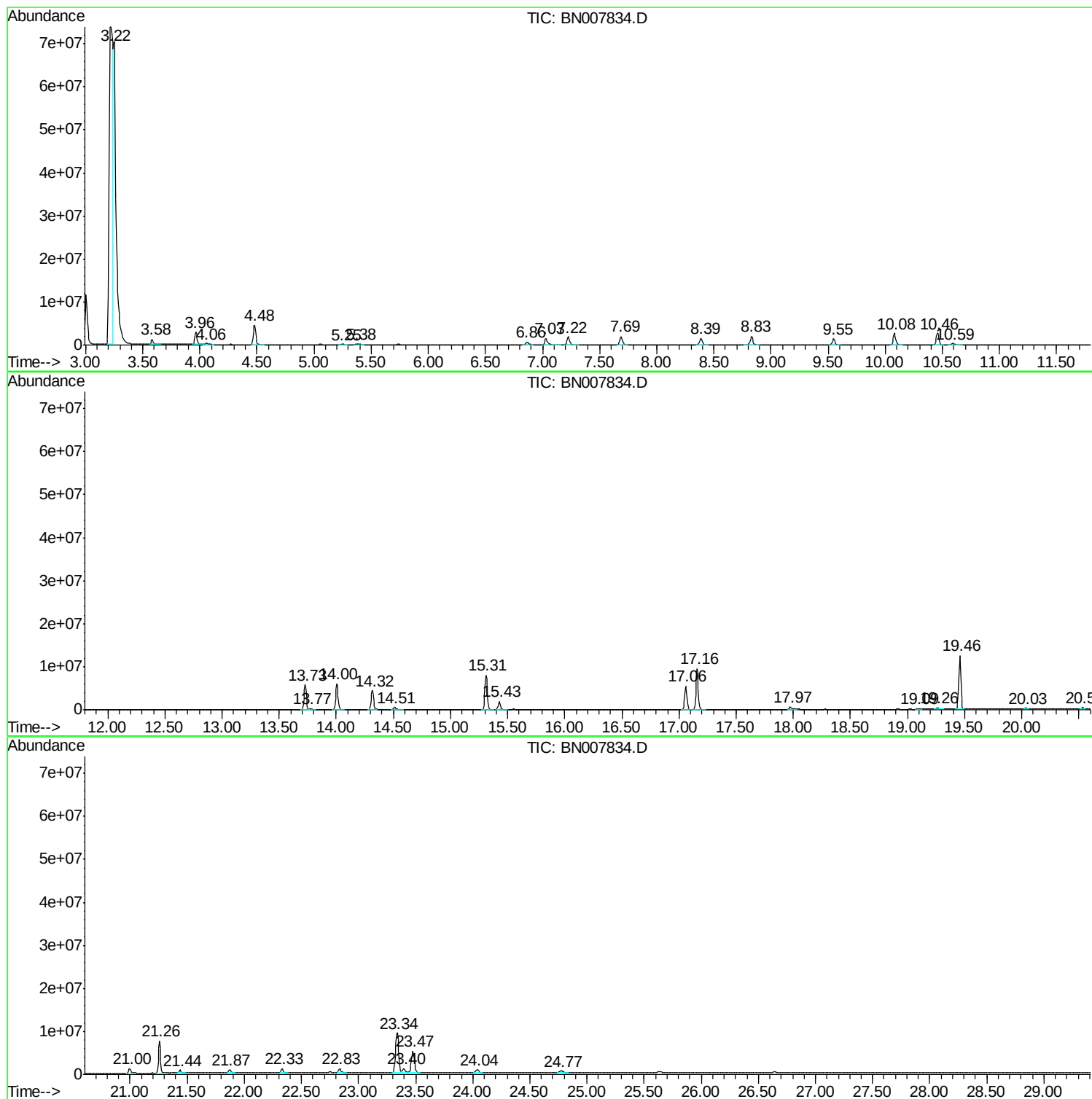
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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



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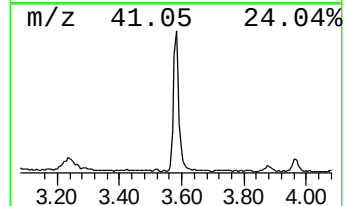
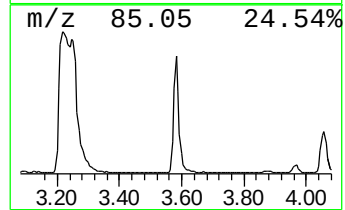
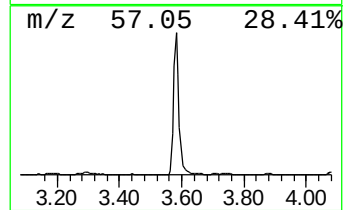
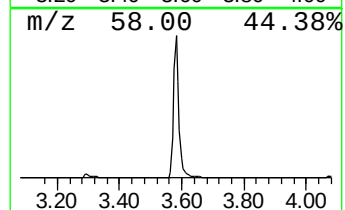
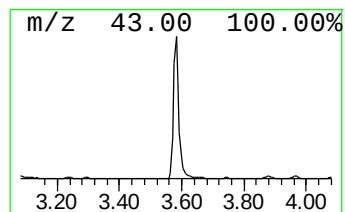
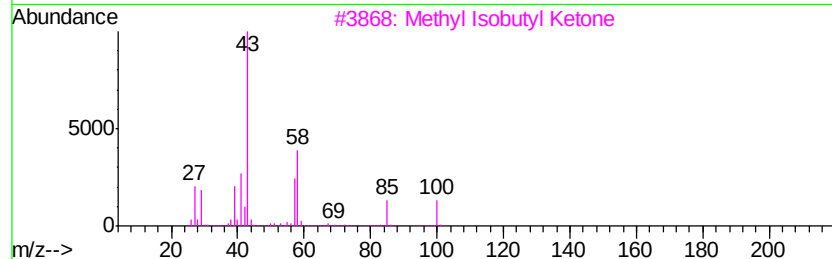
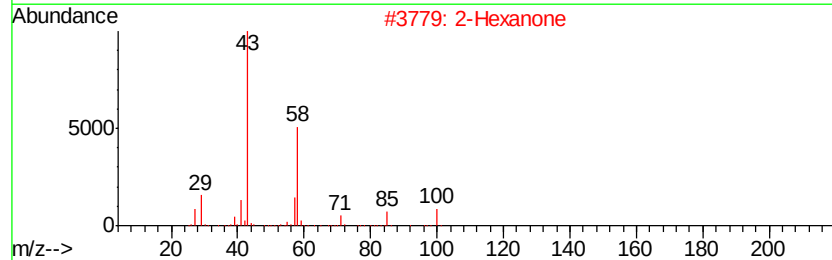
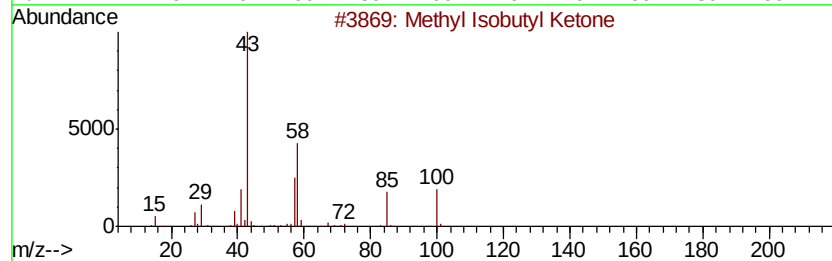
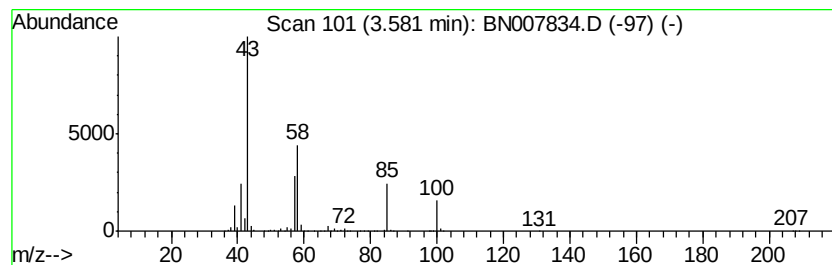
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.58	9.22 ng/ul	1437660	1,4-Dichlorobenzene-d4	7.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	83	
2	2-Hexanone	100	C6H12O	000591-78-6	72	
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72	
4	2-Hexanone	100	C6H12O	000591-78-6	72	
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72	



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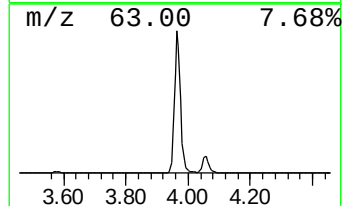
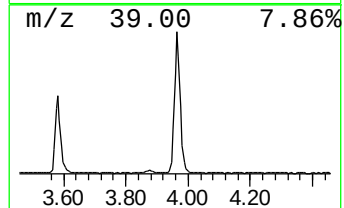
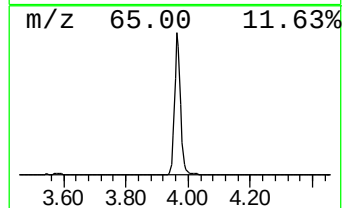
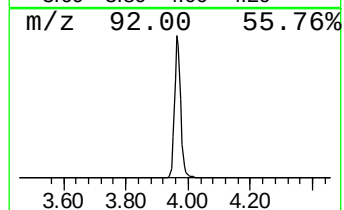
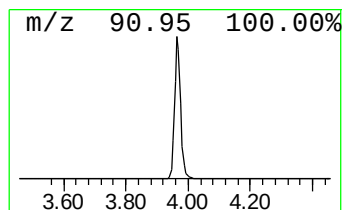
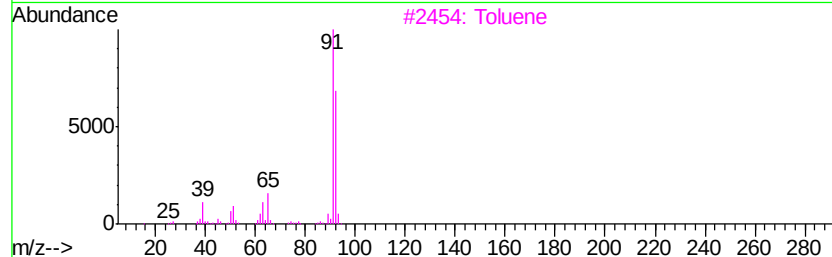
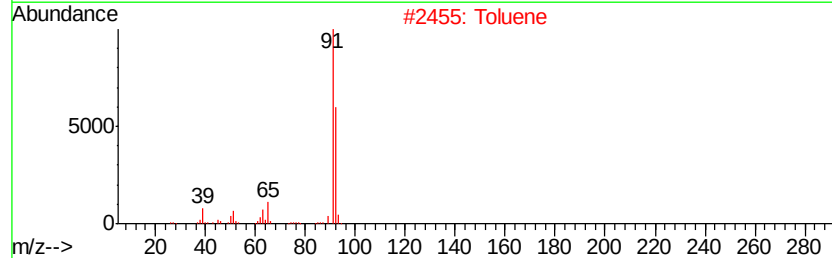
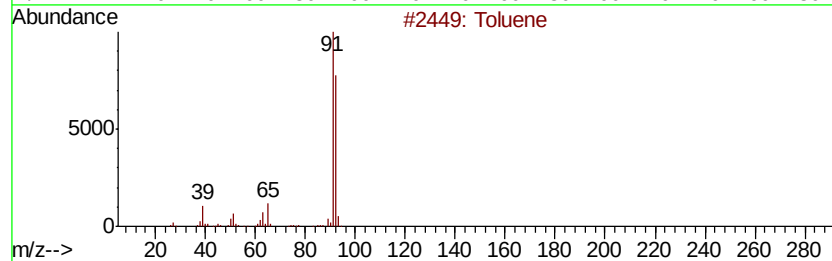
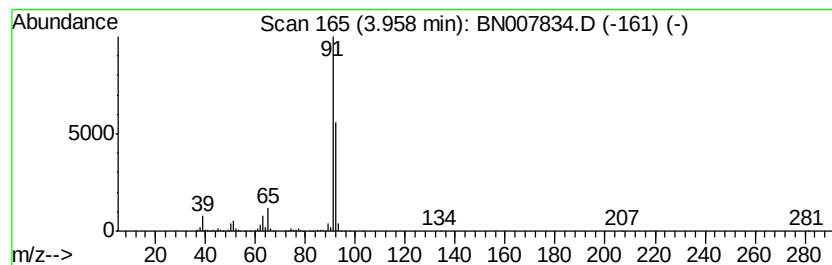
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	24.95 ng/ul	3891250	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	93
4		Toluene	92	C7H8	000108-88-3	91
5		Toluene	92	C7H8	000108-88-3	91



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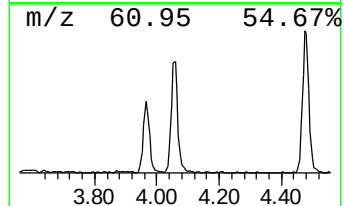
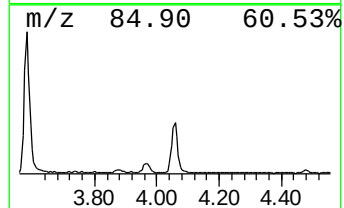
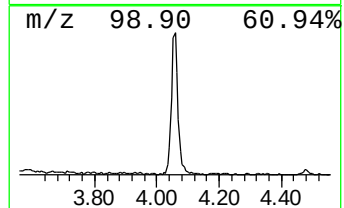
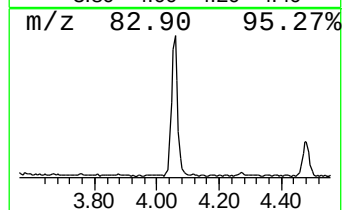
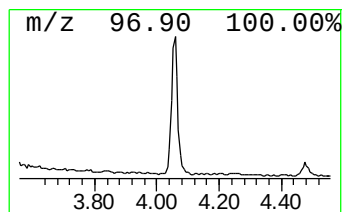
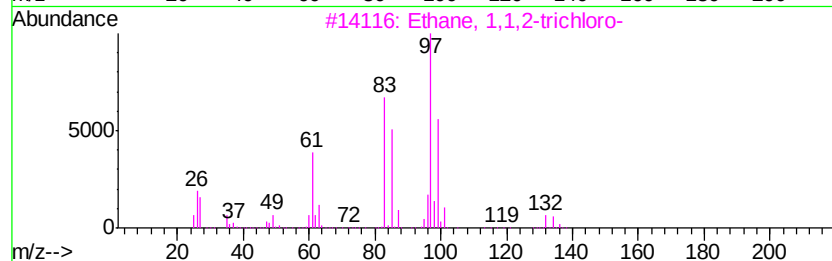
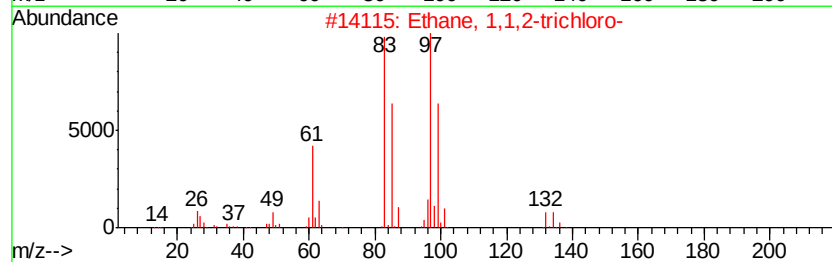
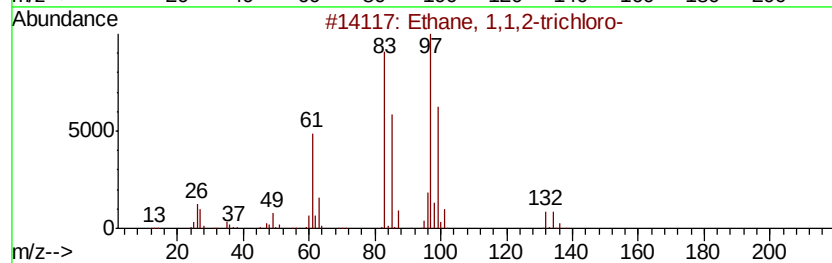
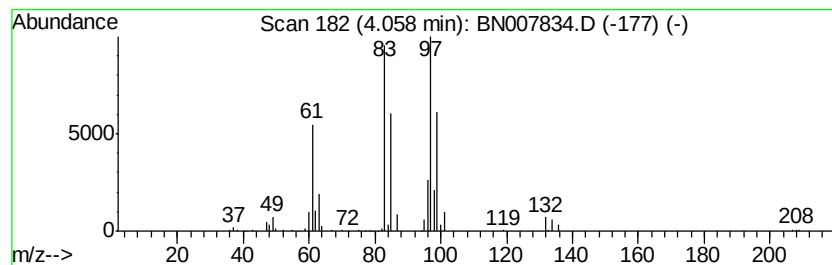
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Ethane, 1,1,2-trichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	3.03 ng/ul	473214	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	95
2		Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	93
3		Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	64
4		Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	60
5		Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	47



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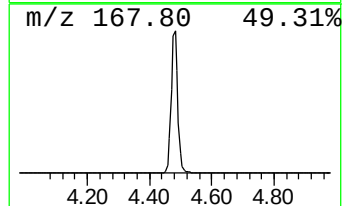
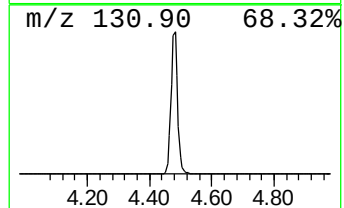
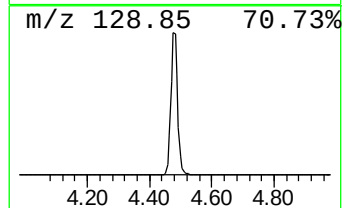
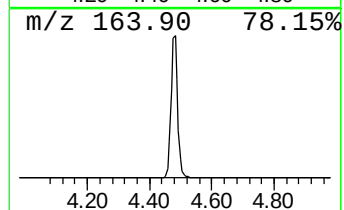
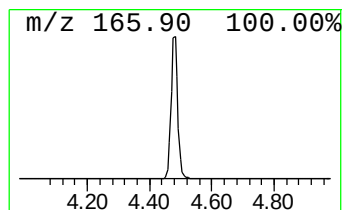
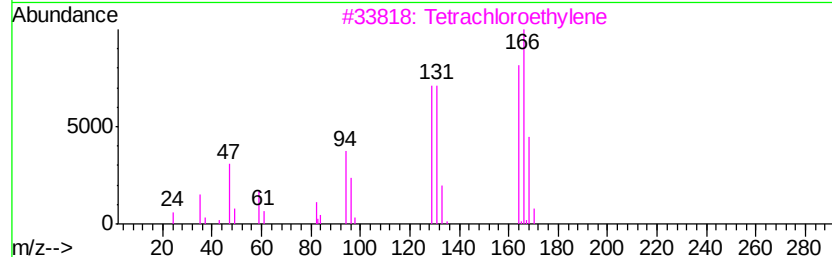
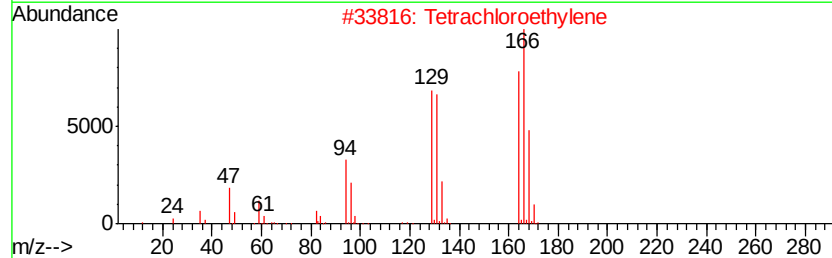
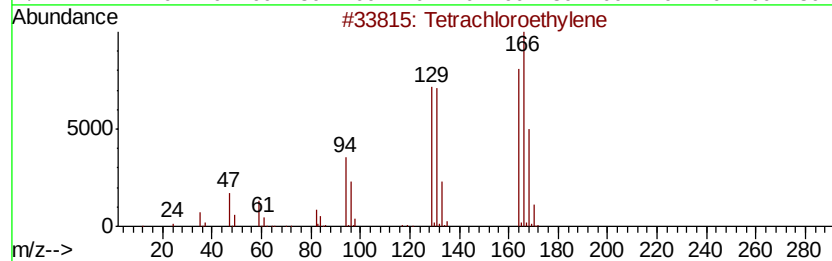
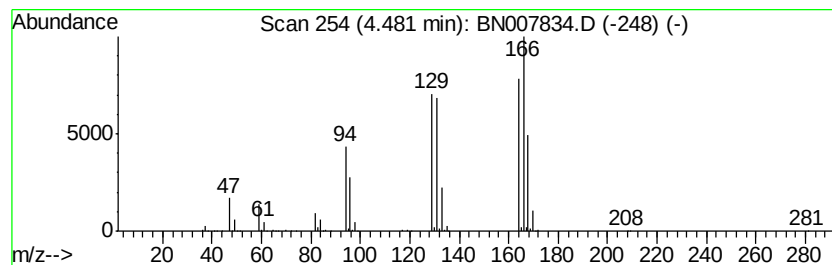
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	43.84 ng/ul	6837510	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2		Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3		Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4		Tetrachloroethylene	164	C2Cl4	000127-18-4	96
5		Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38



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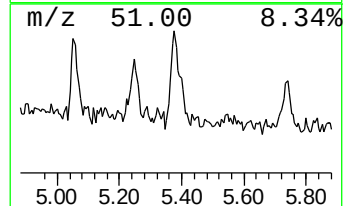
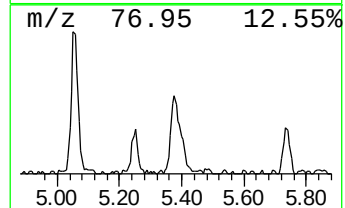
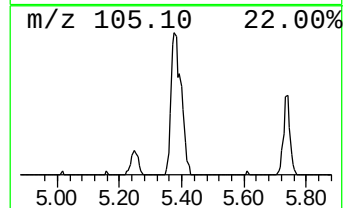
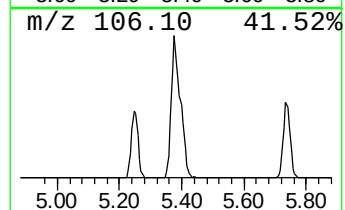
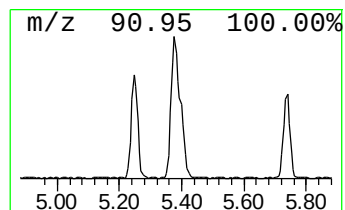
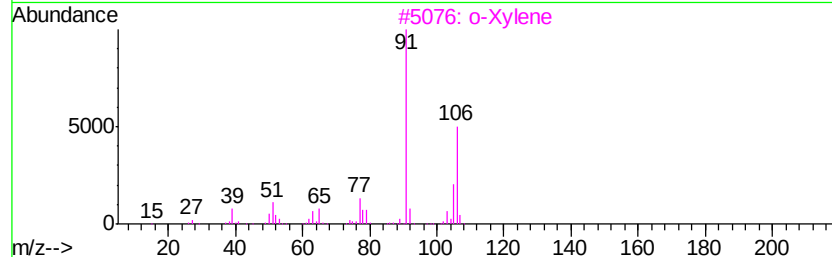
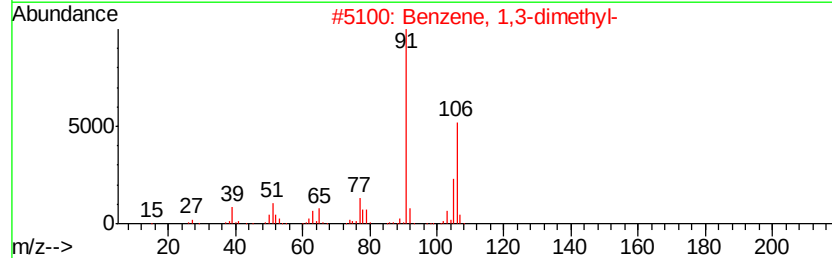
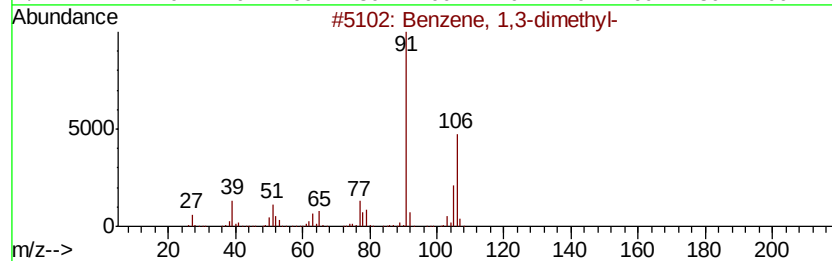
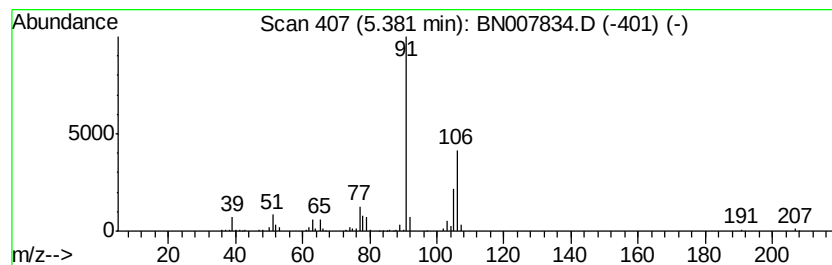
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	2.53 ng/ul	394712	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3		o-Xylene	106	C8H10	000095-47-6	97
4		p-Xylene	106	C8H10	000106-42-3	95
5		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95



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Data File : BN007834.D
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Sample : K4985-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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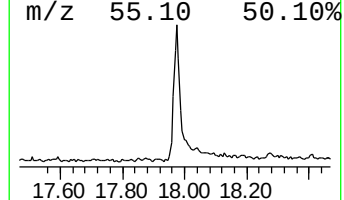
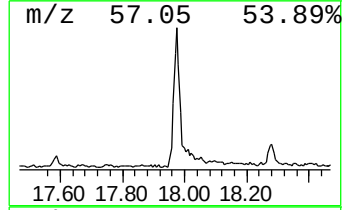
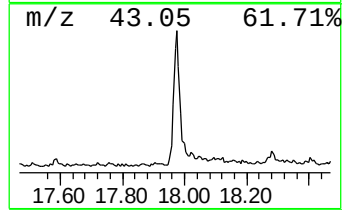
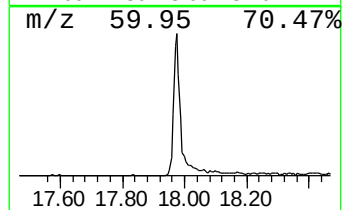
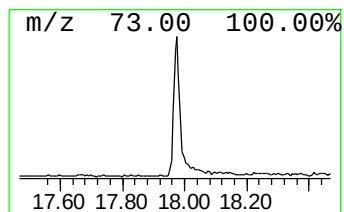
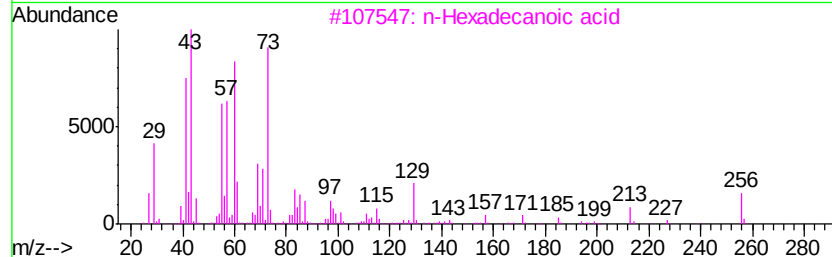
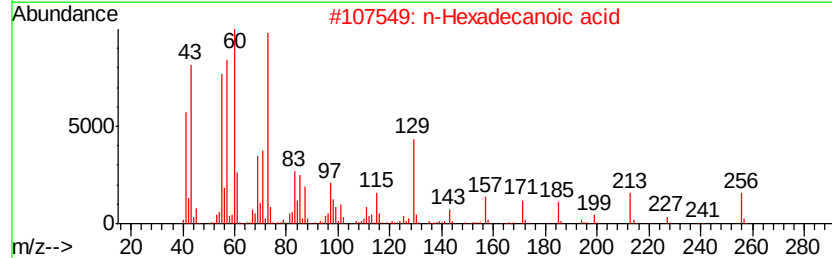
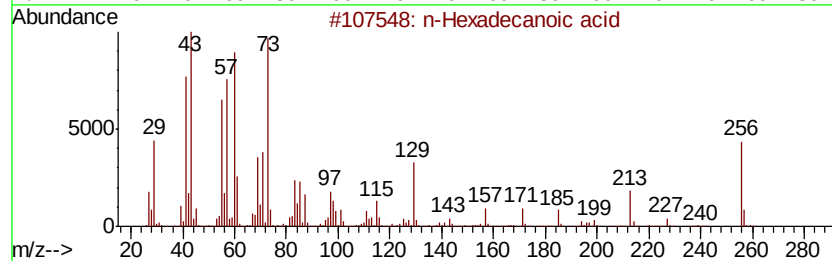
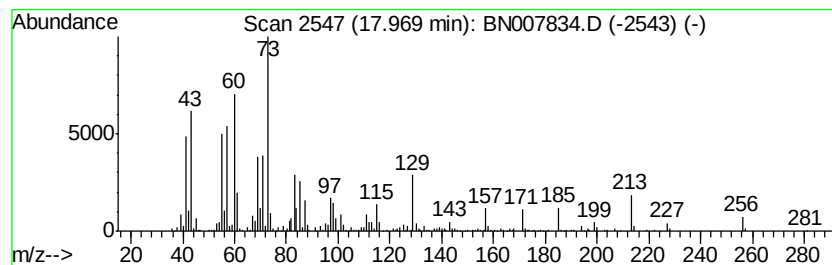
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.97	2.39 ng/ul	940976	Phenanthrene-d10		17.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007834.D
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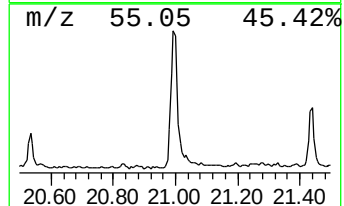
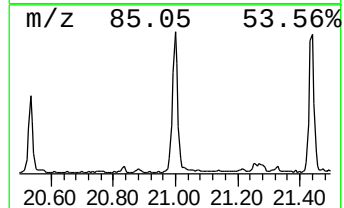
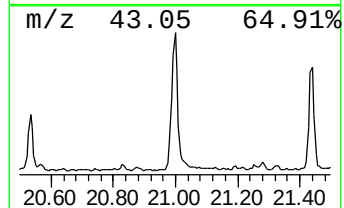
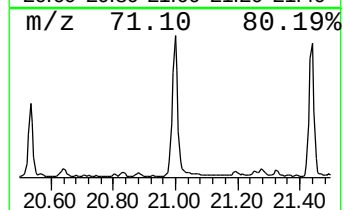
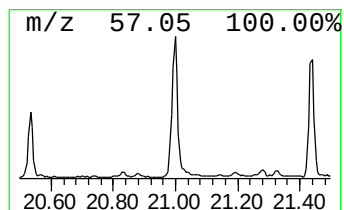
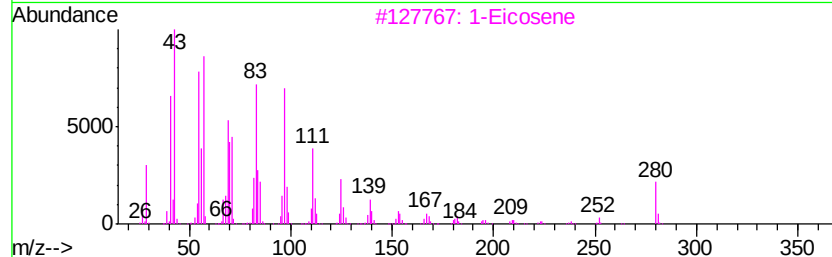
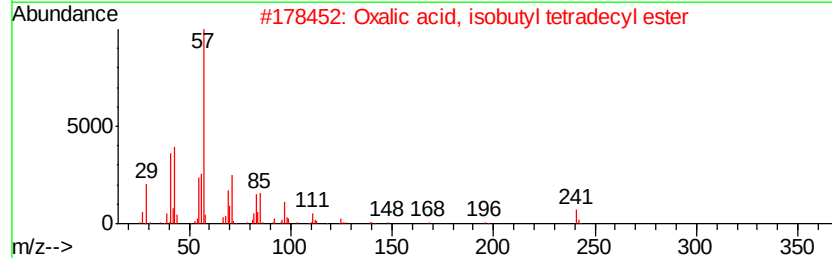
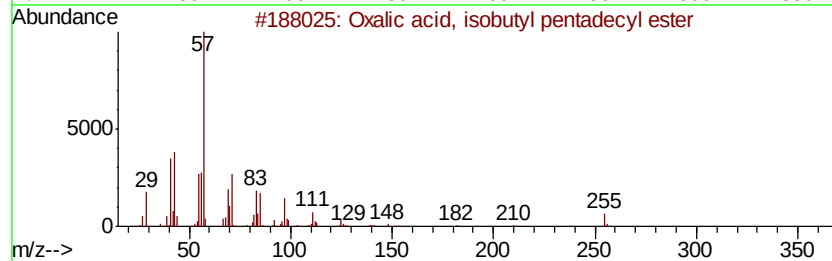
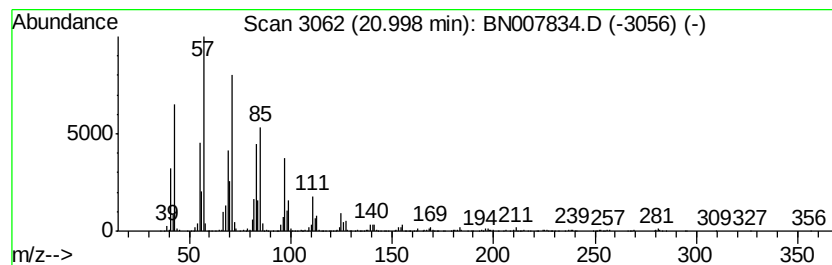
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Oxalic acid, isobutyl penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.95 ng/ul	1854960	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
2		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
3		1-Eicosene	280	C20H40	003452-07-1	89
4		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87
5		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007834.D
Acq On : 24 Sep 2019 13:47
Operator : JU
Sample : K4985-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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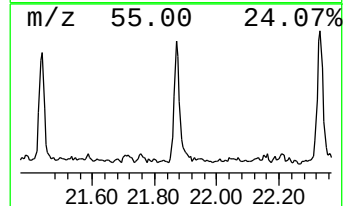
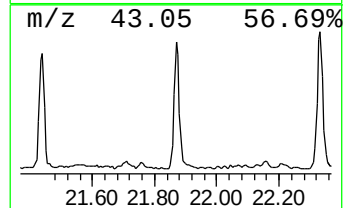
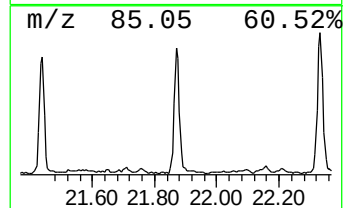
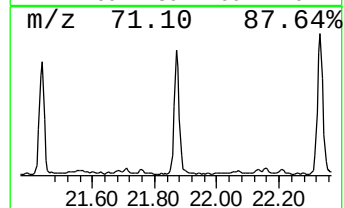
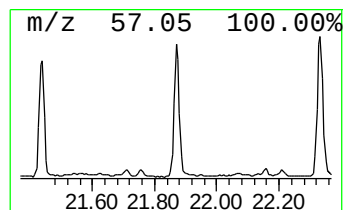
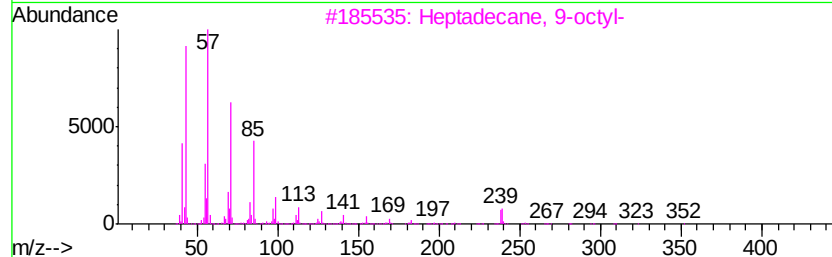
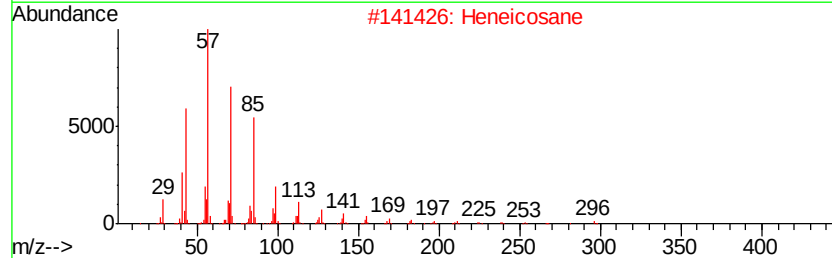
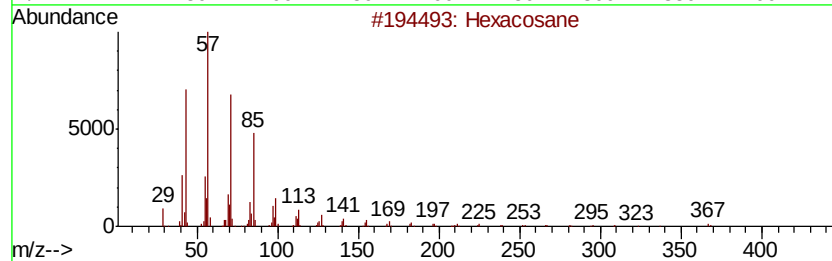
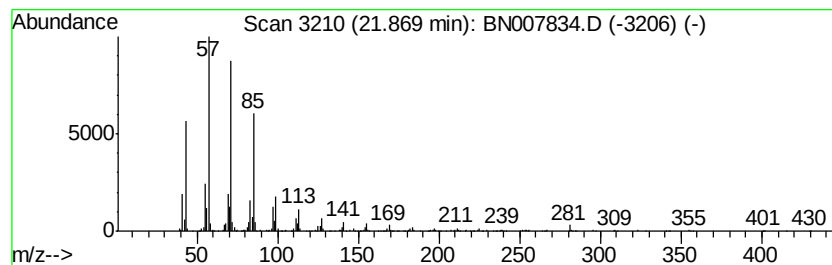
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.23 ng/ul	1050660	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007834.D
Acq On : 24 Sep 2019 13:47
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Sample : K4985-01
Misc :
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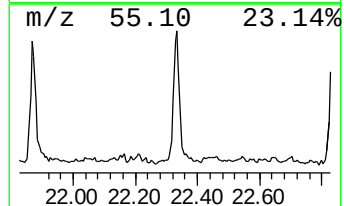
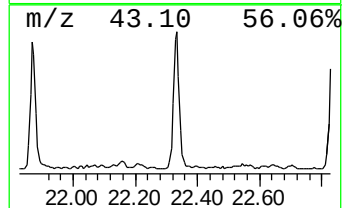
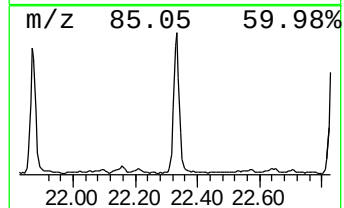
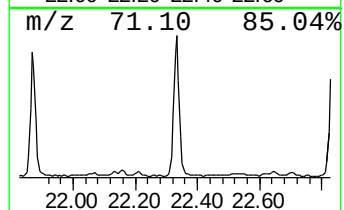
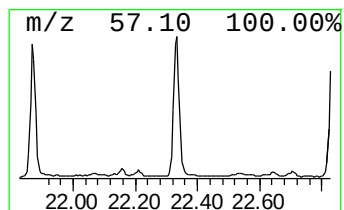
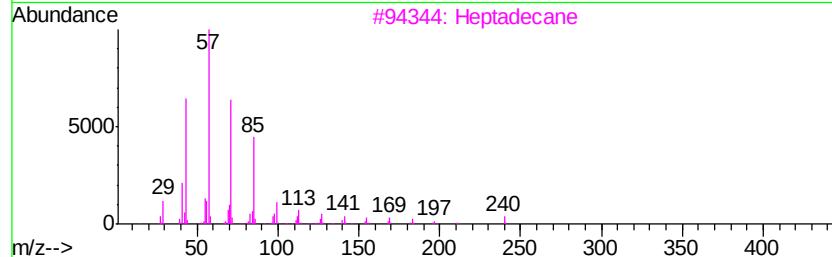
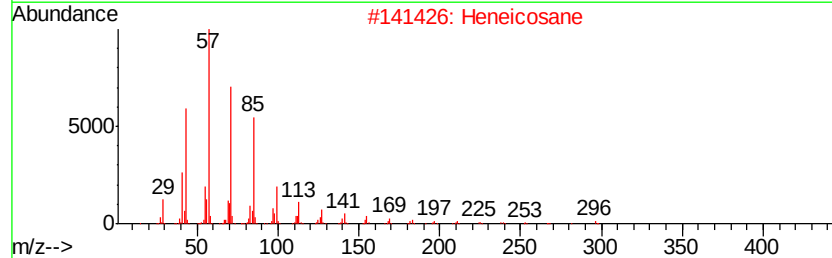
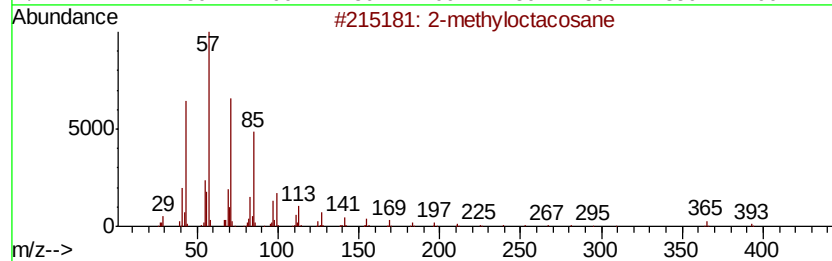
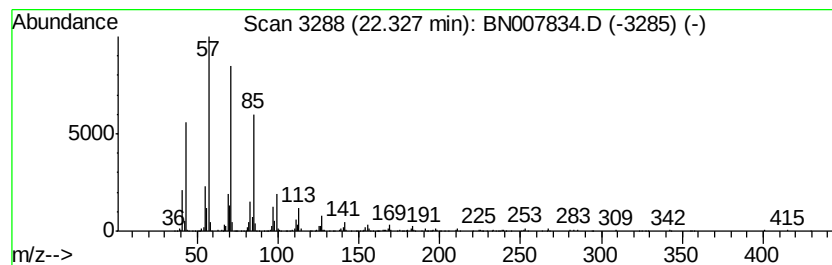
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.37 ng/ul	1112150	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007834.D
Acq On : 24 Sep 2019 13:47
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Sample : K4985-01
Misc :
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Instrument :
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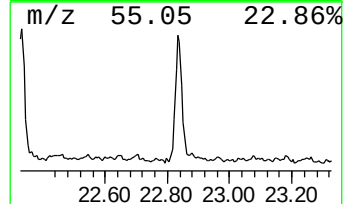
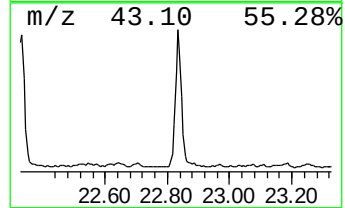
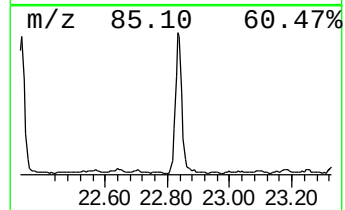
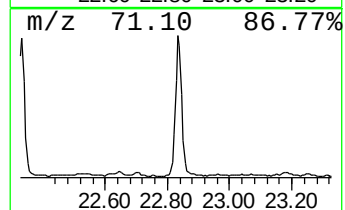
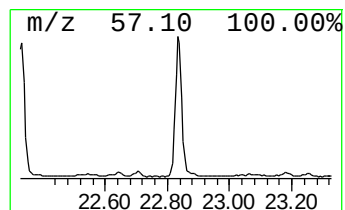
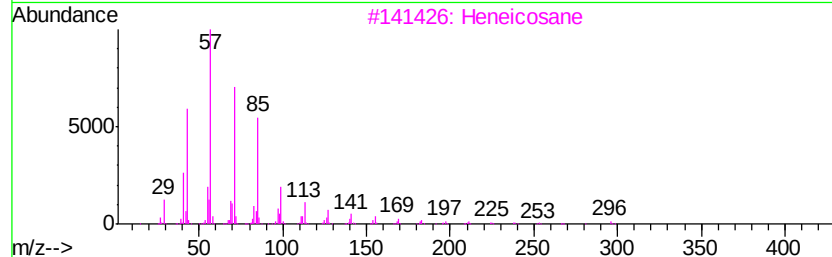
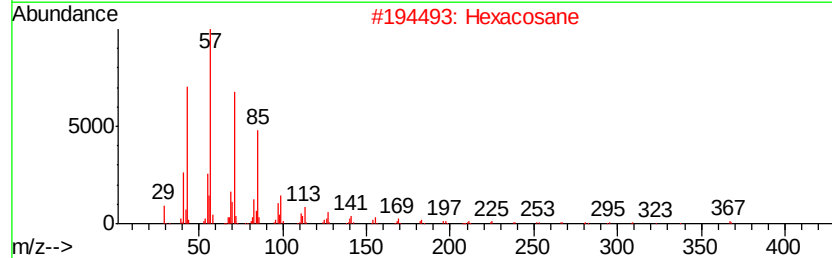
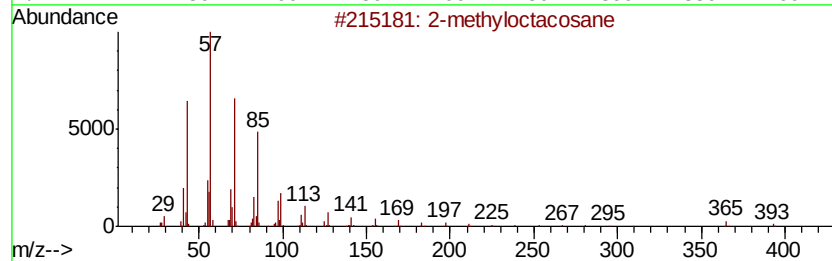
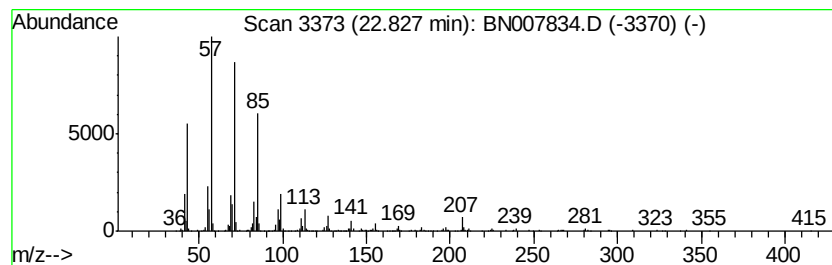
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.80 ng/ul	1306040	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007834.D
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Sample : K4985-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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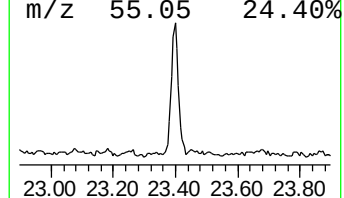
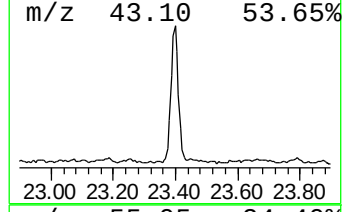
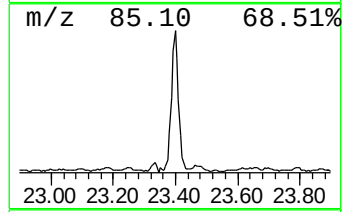
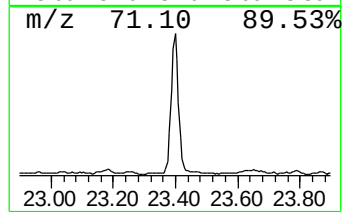
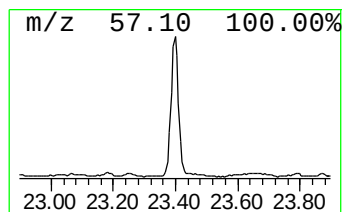
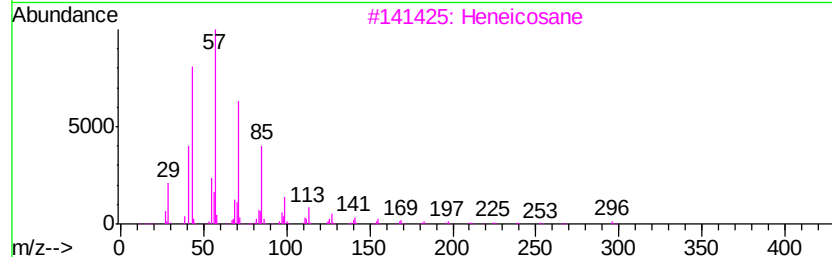
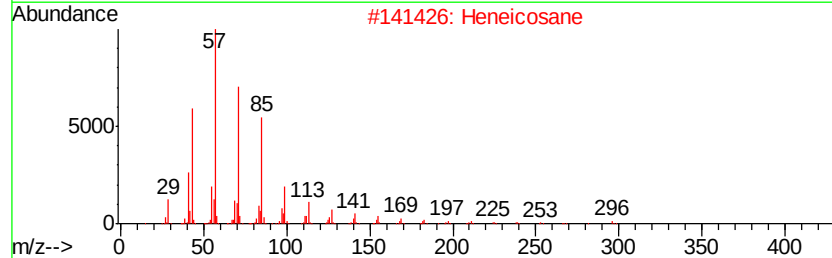
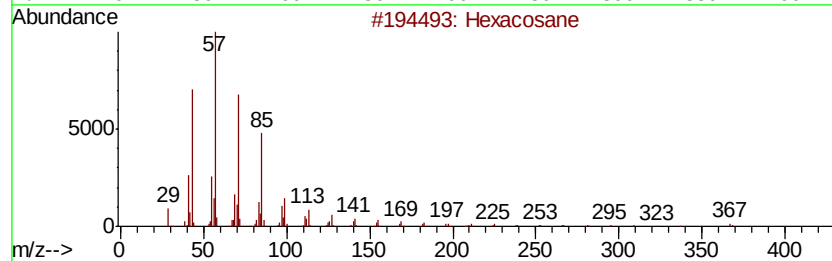
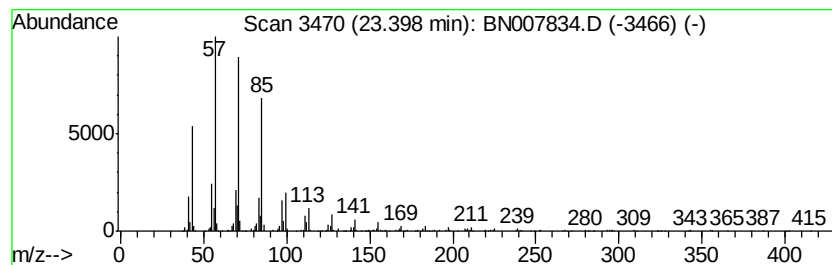
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	3.10 ng/ul	1443660	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007834.D
Acq On : 24 Sep 2019 13:47
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Sample : K4985-01
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ClientSampleId :
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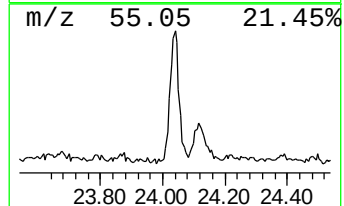
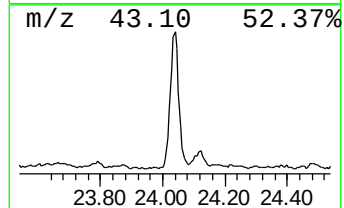
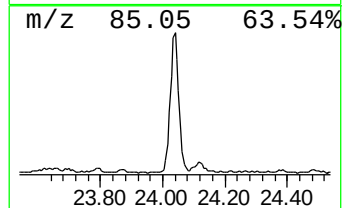
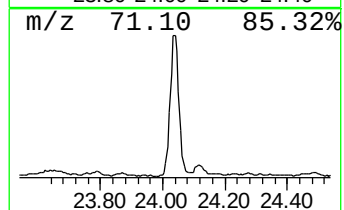
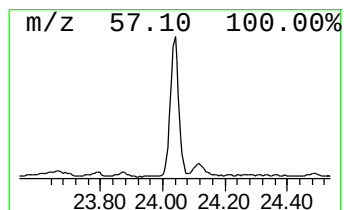
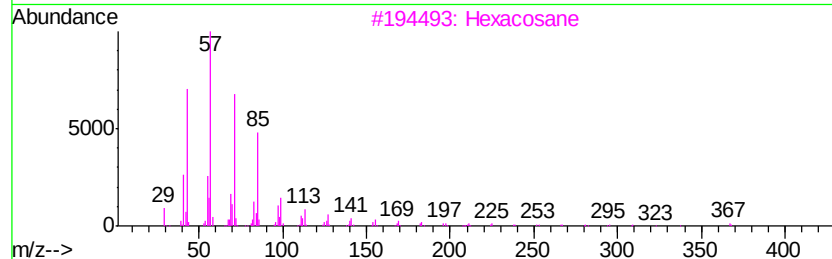
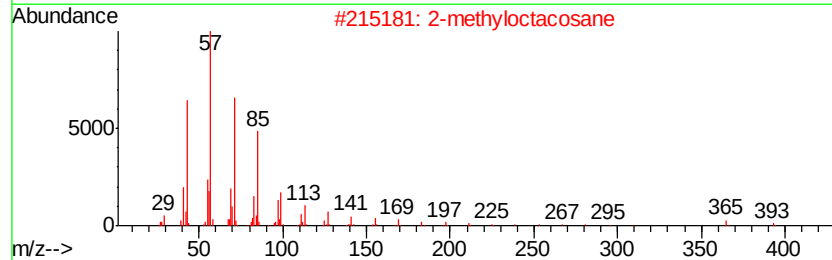
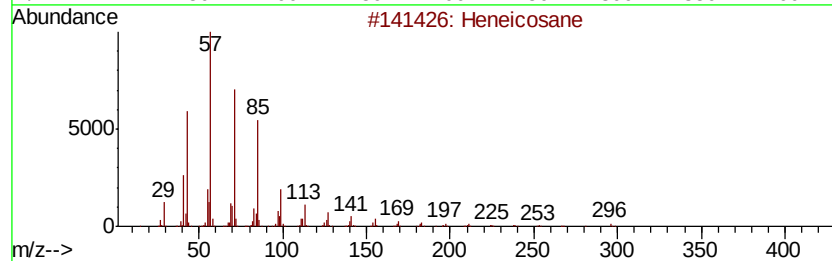
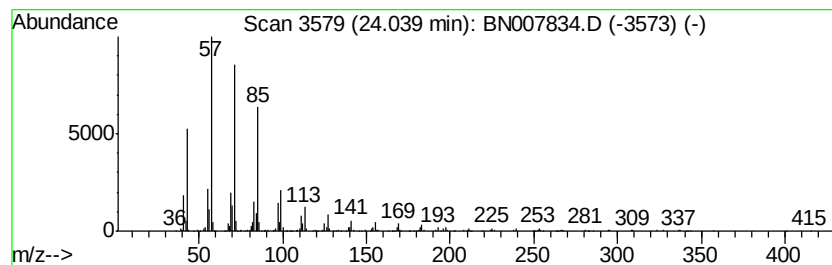
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.47 ng/ul	1150880	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007834.D
Acq On : 24 Sep 2019 13:47
Operator : JU
Sample : K4985-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ETJR6

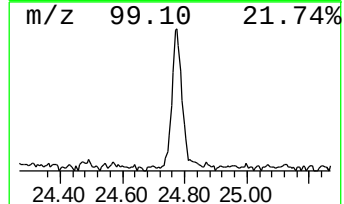
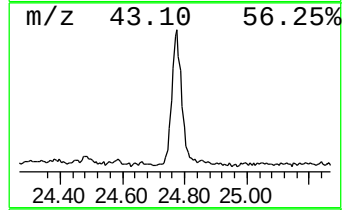
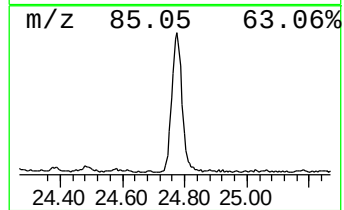
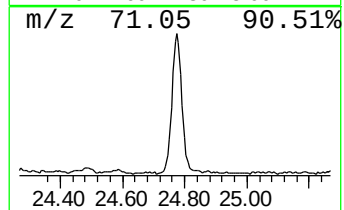
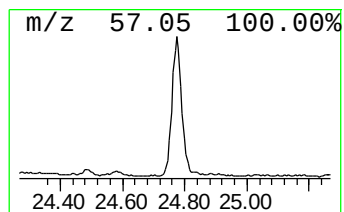
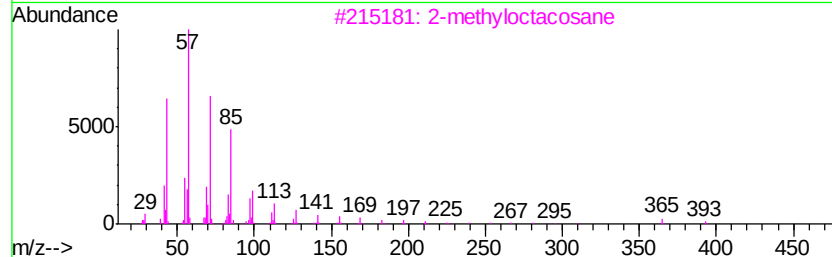
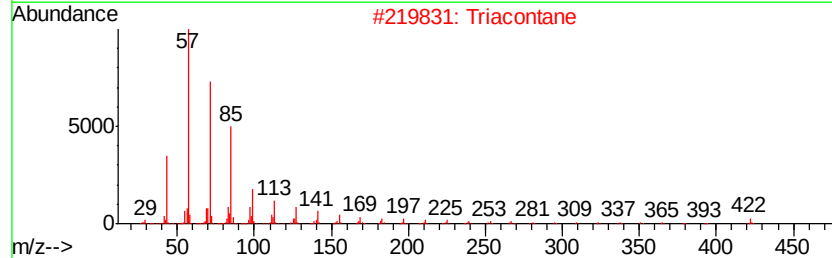
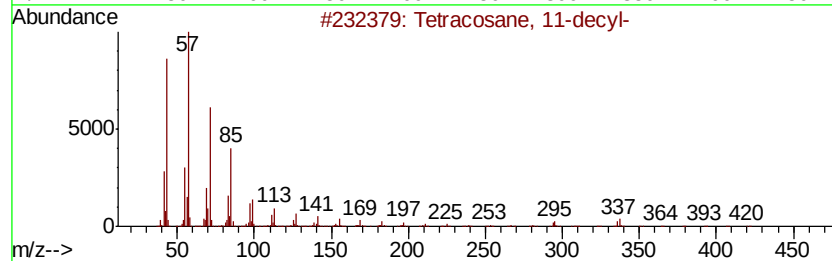
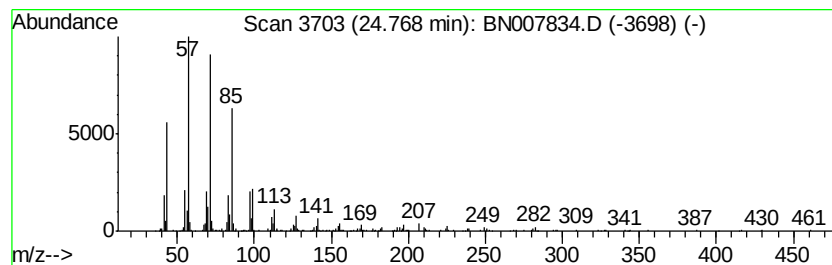
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	2.14 ng/ul	999325	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
2		Triacotane	422	C30H62	000638-68-6	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Tetratetracontane	619	C44H90	007098-22-8	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092419\
 Data File : BN007834.D
 Acq On : 24 Sep 2019 13:47
 Operator : JU
 Sample : K4985-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ETJR6

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	9.2	ng/ul	1437660	1	7.69	3119130	20.0
Toluene	3.96	24.9	ng/ul	3891250	1	7.69	3119130	20.0
Ethane, 1,1,2-tri...	4.06	3.0	ng/ul	473214	1	7.69	3119130	20.0
Tetrachloroethylene	4.48	43.8	ng/ul	6837510	1	7.69	3119130	20.0
Benzene, 1,3-dime...	5.38	2.5	ng/ul	394712	1	7.69	3119130	20.0
n-Hexadecanoic acid	17.97	2.4	ng/ul	940976	4	17.06	7882160	20.0
Oxalic acid, isob...	21.00	4.0	ng/ul	1854960	5	21.26	9403690	20.0
(DEL) Alkane: Str...	21.87	2.2	ng/ul	1050660	5	21.26	9403690	20.0
(DEL) Alkane: Str...	22.33	2.4	ng/ul	1112150	5	21.26	9403690	20.0
(DEL) Alkane: Str...	22.83	2.8	ng/ul	1306040	6	23.47	9322200	20.0
(DEL) Alkane: Str...	23.40	3.1	ng/ul	1443660	6	23.47	9322200	20.0
(DEL) Alkane: Str...	24.04	2.5	ng/ul	1150880	6	23.47	9322200	20.0
(DEL) Alkane: Str...	24.77	2.1	ng/ul	999325	6	23.47	9322200	20.0