

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
 Data File : BM024385.D
 Acq On : 30 Dec 2019 22:21
 Operator : JU
 Sample : K6356-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0D40

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-BM121719MA.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	4.781	312	322	327	rBV4	47910885	167409050	66.19%	16.675%
2	6.104	541	547	556	rBV	207385	357658	0.14%	0.036%
3	6.616	628	634	648	rVB2	186241	388267	0.15%	0.039%
4	6.775	654	661	672	rBV	721803	1314780	0.52%	0.131%
5	6.957	685	692	705	rVB	774522	1415735	0.56%	0.141%
6	7.310	742	752	764	rBV	28824632	62906137	24.87%	6.266%
7	7.475	764	780	786	rBV7	51935871	223830658	88.50%	22.295%
8	7.804	821	836	842	rBV5	52326993	252912049	100.00%	25.192%
9	8.140	887	893	910	rVB	554767	964629	0.38%	0.096%
10	8.563	959	965	968	rBV	1026032	1652586	0.65%	0.165%
11	8.610	968	973	986	rVB	4599278	7435995	2.94%	0.741%
12	8.887	1013	1020	1030	rBV	710400	1159765	0.46%	0.116%
13	9.198	1068	1073	1080	rVV	374169	687423	0.27%	0.068%
14	9.281	1080	1087	1110	rVB	818578	1615898	0.64%	0.161%
15	9.822	1172	1179	1197	rBV	1109890	1954165	0.77%	0.195%
16	10.081	1209	1223	1228	rBV4	54688685	155187383	61.36%	15.458%
17	10.186	1235	1241	1247	rVB	1248300	1807930	0.71%	0.180%
18	10.575	1296	1307	1323	rBV	32168406	54846419	21.69%	5.463%
19	10.786	1331	1343	1364	rBV	3464152	5851004	2.31%	0.583%
20	11.004	1373	1380	1395	rBV	610199	1311472	0.52%	0.131%
21	12.198	1577	1583	1584	rBV	415433	509015	0.20%	0.051%
22	12.233	1584	1589	1597	rVB	1915957	3086404	1.22%	0.307%
23	12.857	1687	1695	1711	rBV	7270383	11067189	4.38%	1.102%
24	13.498	1796	1804	1809	rBV	2102907	2920058	1.15%	0.291%
25	13.551	1809	1813	1823	rVB	219134	442351	0.17%	0.044%
26	13.757	1839	1848	1860	rBV	2425634	3576638	1.41%	0.356%
27	14.069	1894	1901	1909	rBV	1553701	2326215	0.92%	0.232%
28	14.398	1953	1957	1969	rVB	227467	392596	0.16%	0.039%
29	15.074	2065	2072	2085	rBV	3021642	4320677	1.71%	0.430%
30	15.233	2094	2099	2110	rBV	801575	1278764	0.51%	0.127%
31	16.833	2364	2371	2381	rBV	1825101	2563056	1.01%	0.255%
32	16.933	2381	2388	2401	rBV	3125077	4552763	1.80%	0.453%
33	18.209	2600	2605	2613	rVB	2115365	2774389	1.10%	0.276%
34	19.239	2774	2780	2787	rBV	3700834	5246278	2.07%	0.523%

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Title : SVOA CALIBRATION

35	20.786	3039	3043	3049	rBV2	330348	482632	0.19%	0.048%
36	21.050	3083	3088	3096	rBV	2177136	2908035	1.15%	0.290%
37	21.645	3186	3189	3198	rBV	207653	291431	0.12%	0.029%
38	22.080	3260	3263	3268	rBV	311322	362221	0.14%	0.036%
39	22.556	3340	3344	3350	rVB	354917	459592	0.18%	0.046%
40	23.039	3420	3426	3431	rBV	3233200	5684696	2.25%	0.566%
41	23.168	3443	3448	3462	rVB	1762431	3182867	1.26%	0.317%
42	23.680	3531	3535	3542	rVB	294683	498596	0.20%	0.050%

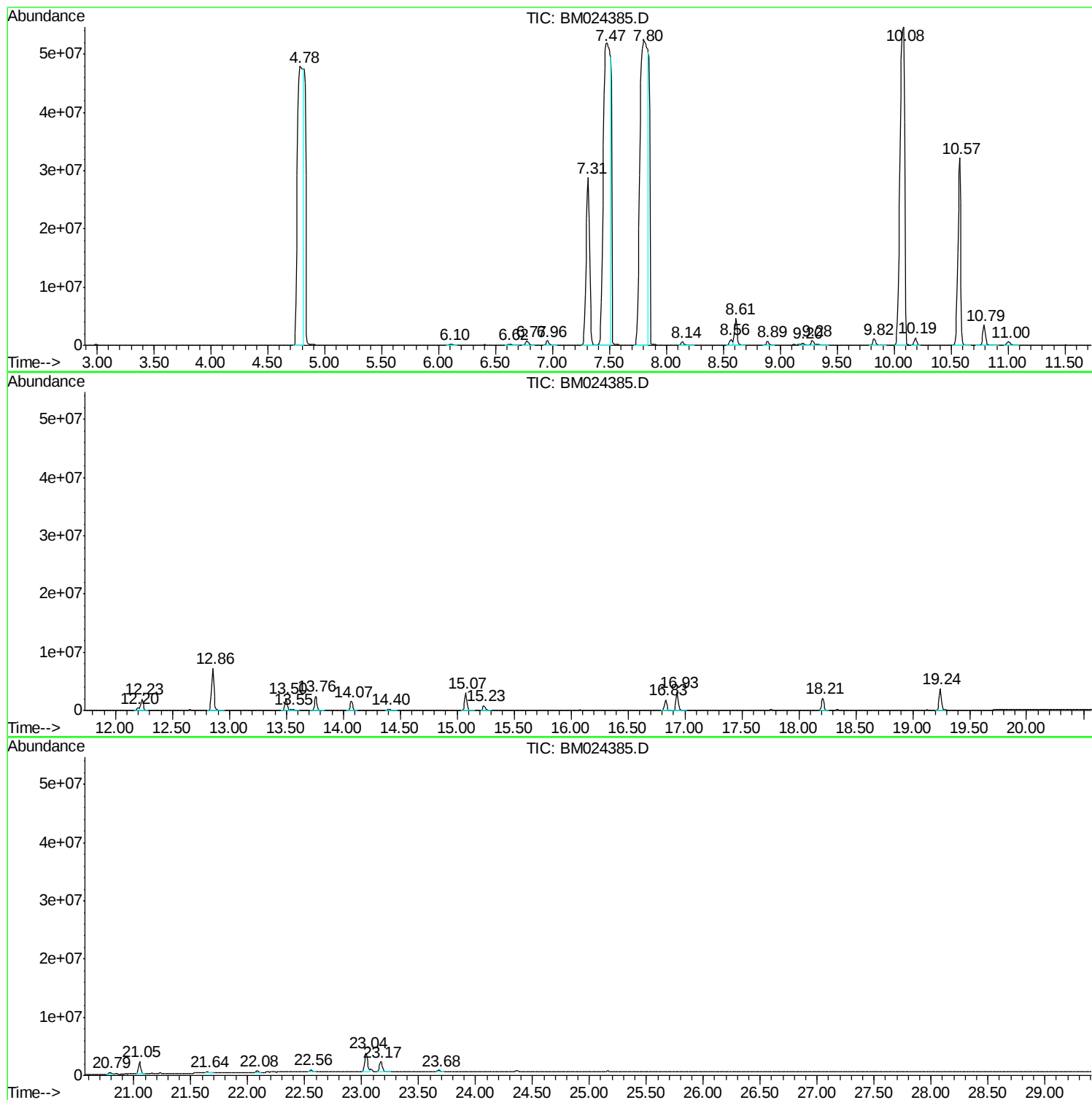
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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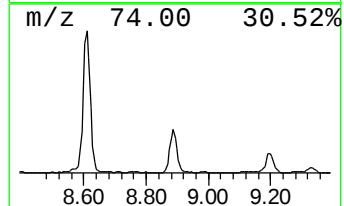
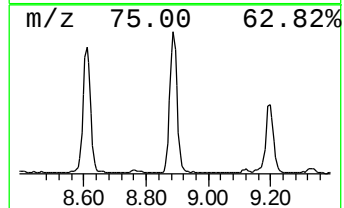
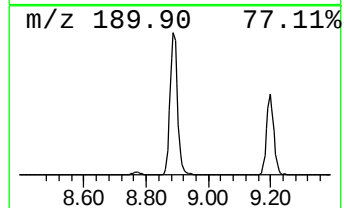
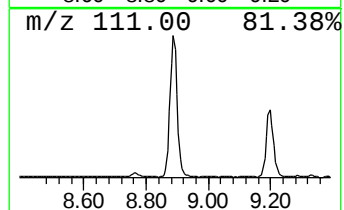
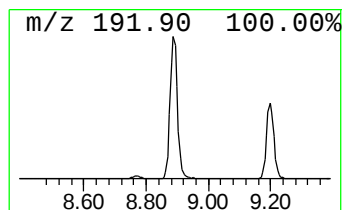
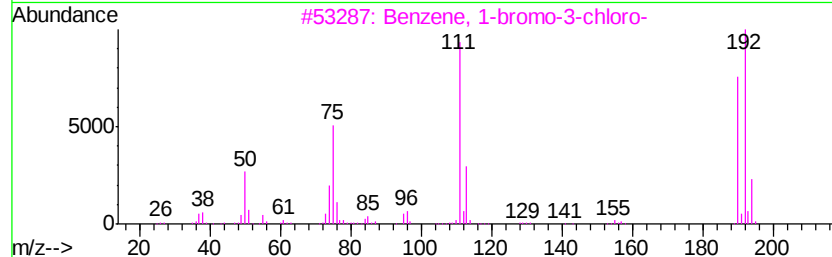
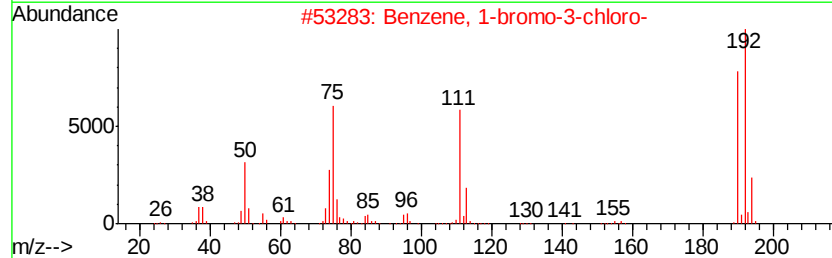
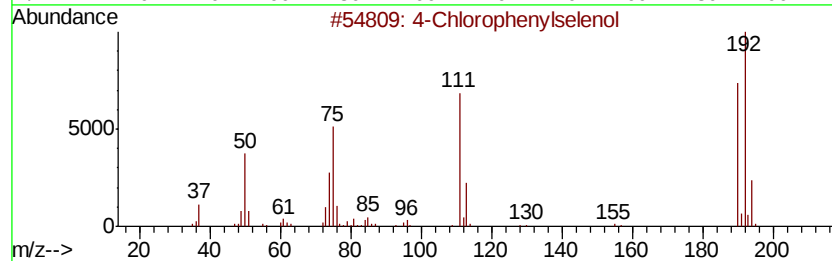
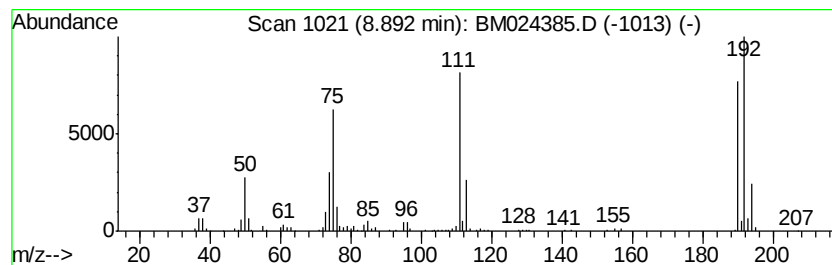
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 4-Chlorophenylselenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	12.83 ng/ul	1159770	Napthalene-d8	10.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	98
2		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
5		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97



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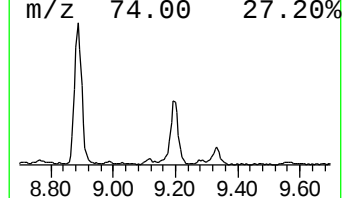
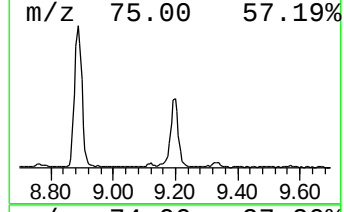
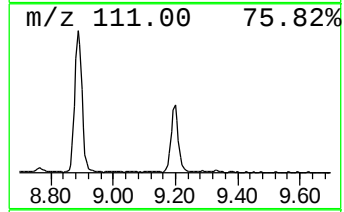
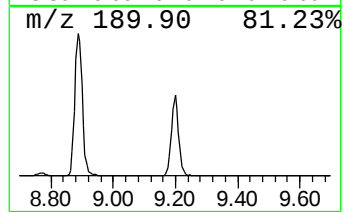
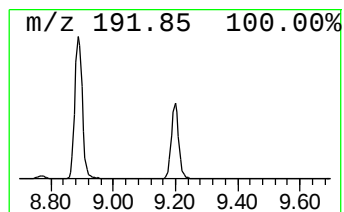
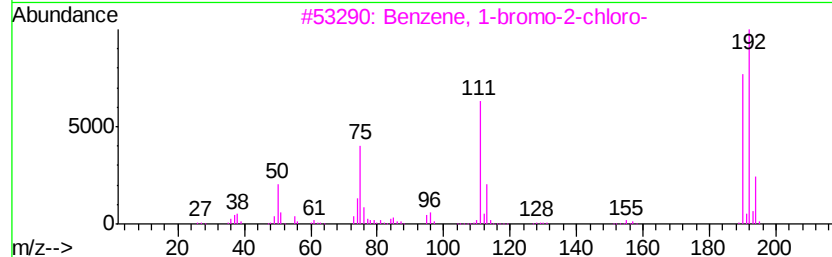
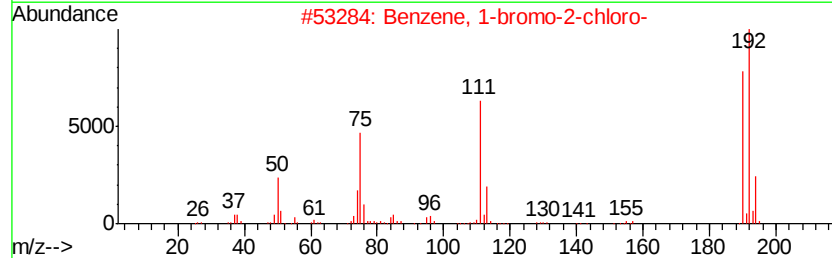
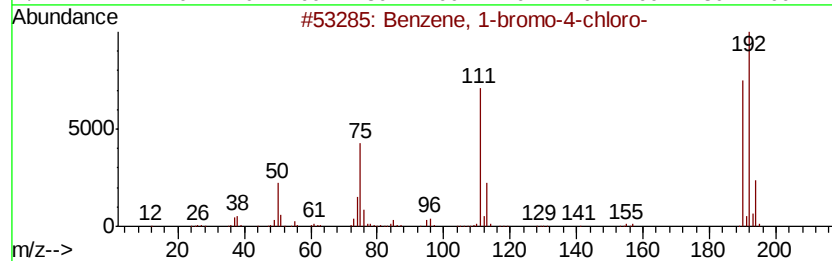
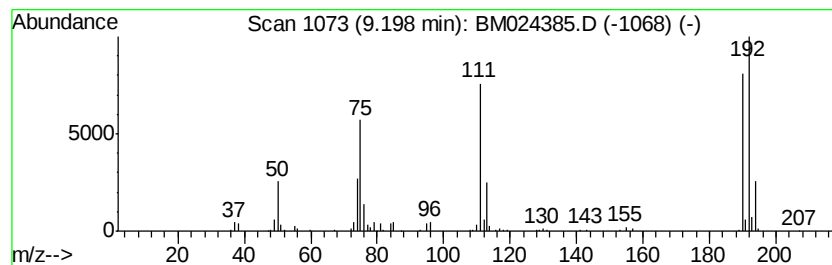
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	7.60 ng/ul	687423	Napthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96



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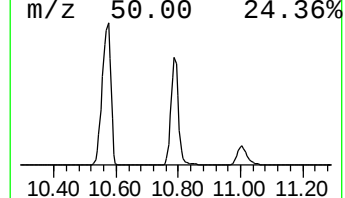
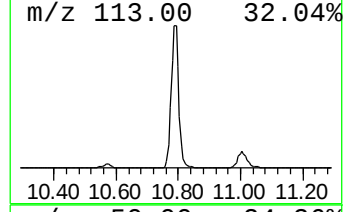
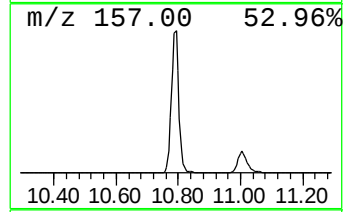
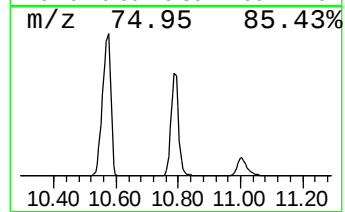
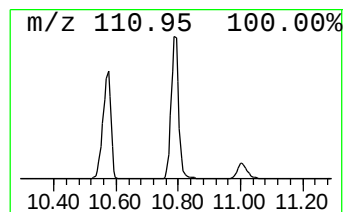
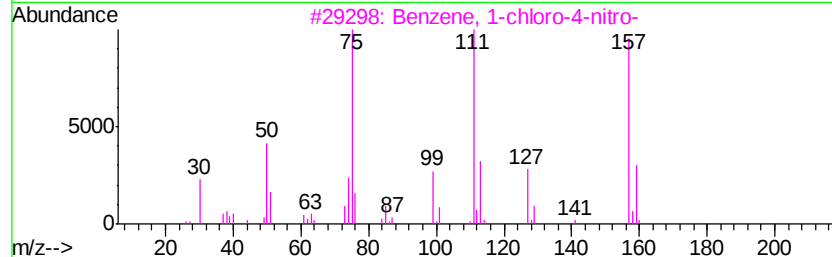
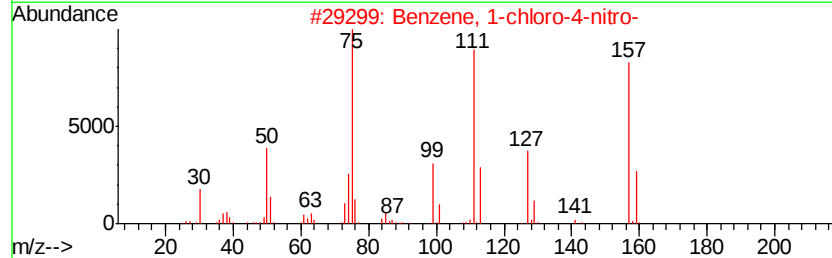
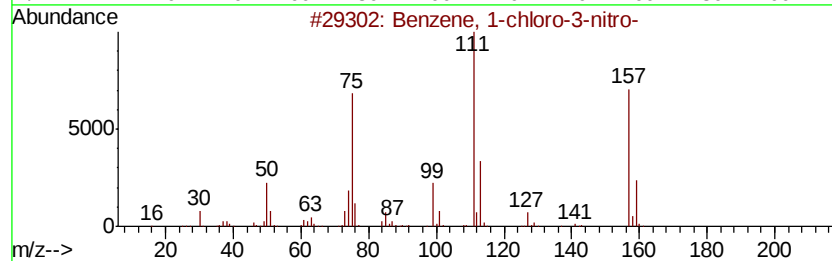
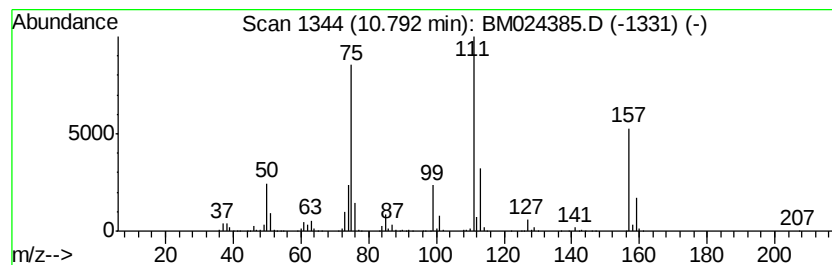
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	64.73 ng/ul	5851000	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
5		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93



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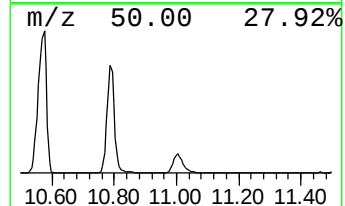
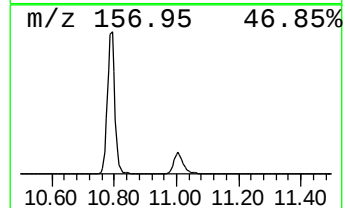
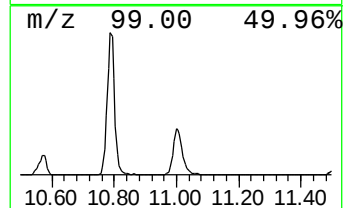
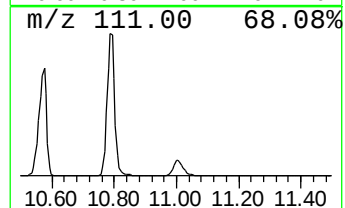
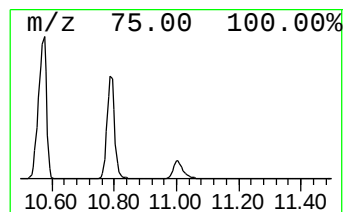
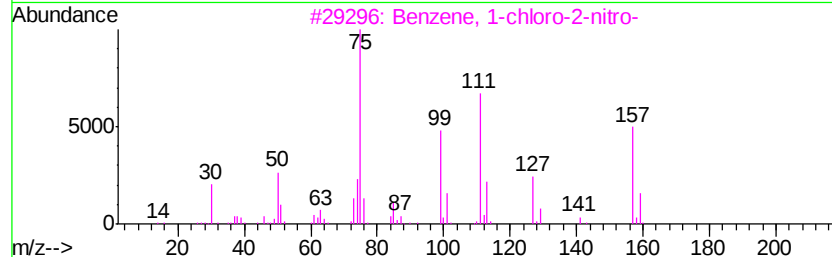
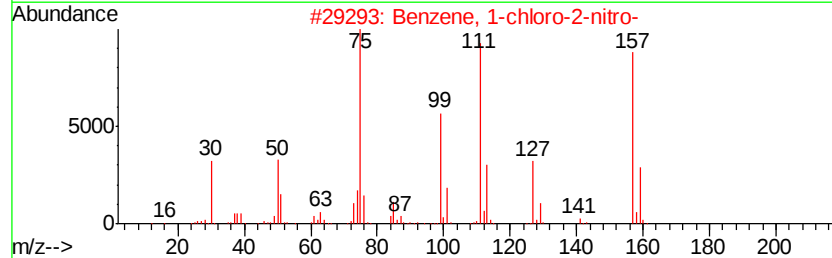
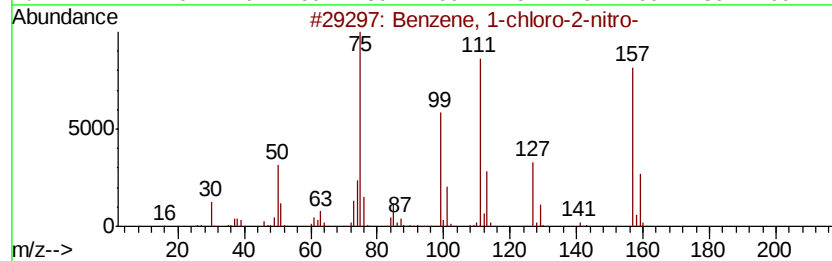
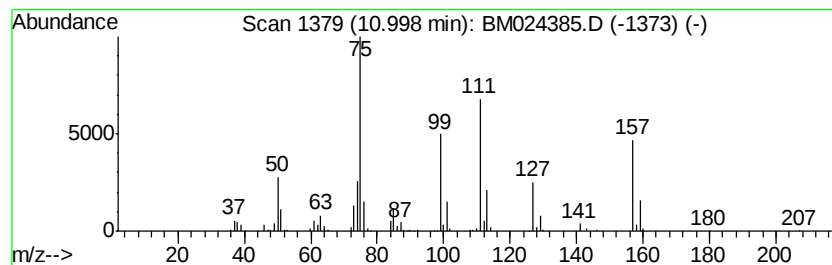
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Peak Number 9 Benzene, 1-chloro-4-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	14.51 ng/ul	1311470	Napthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
4		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94



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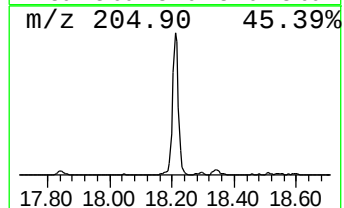
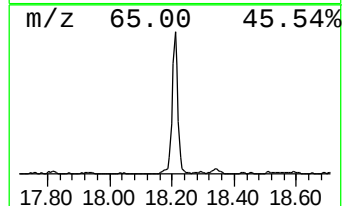
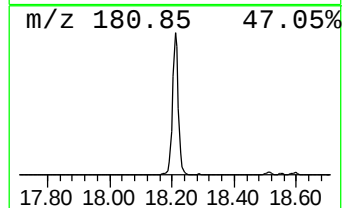
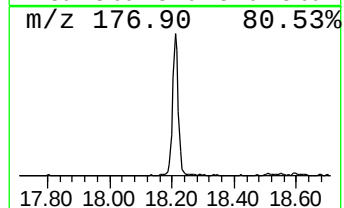
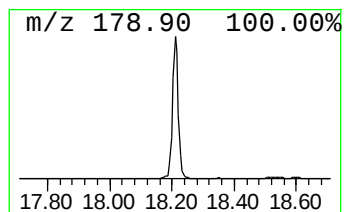
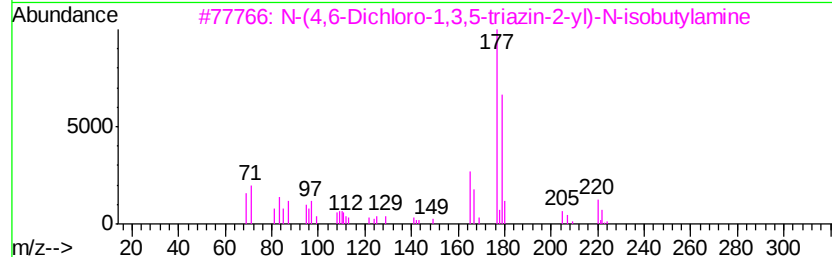
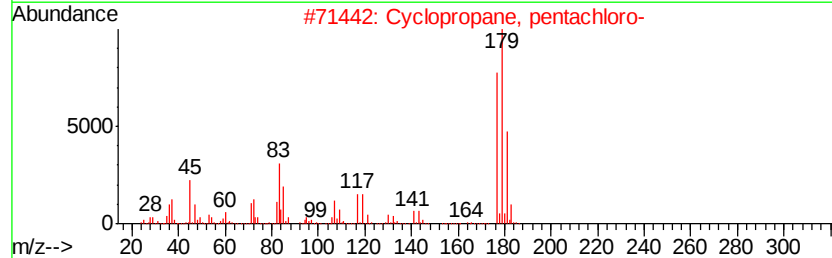
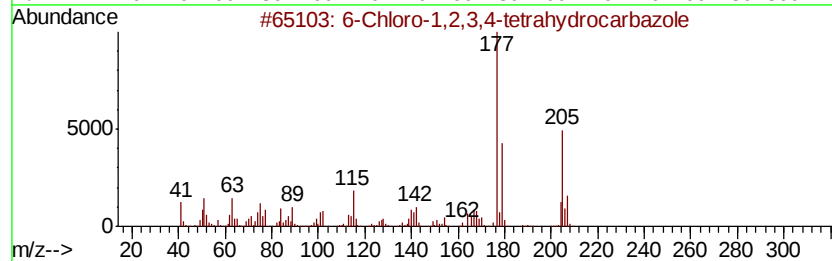
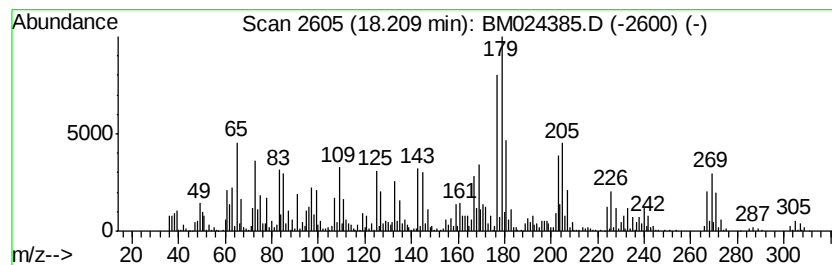
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	21.65 ng/ul	2774390	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
2		Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	22
3		N-(4,6-Dichloro-1,3,5-triazin-2-...	220	C7H10Cl2N4	1000326-88-2	12
4		6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	11
5		2,4,6-Trifluoronitrobenzene	177	C6H2F3NO2	000315-14-0	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024385.D
Acq On : 30 Dec 2019 22:21
Operator : JU
Sample : K6356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0D40

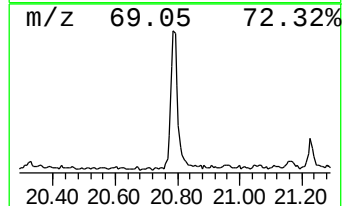
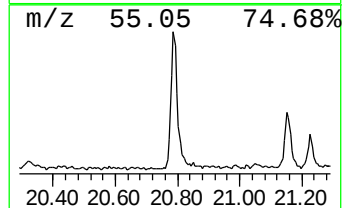
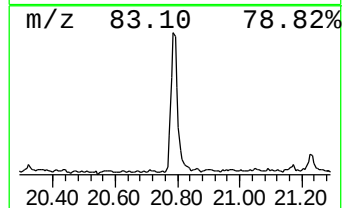
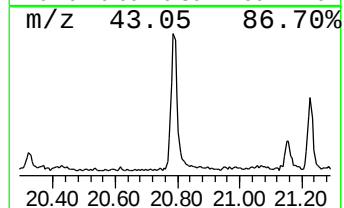
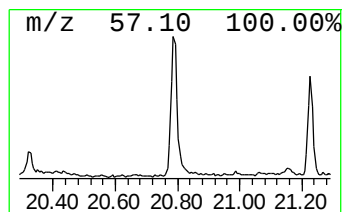
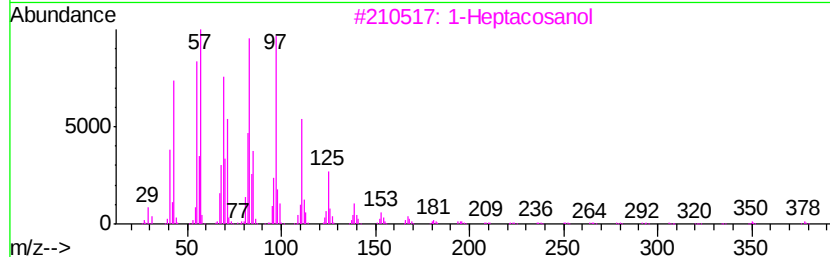
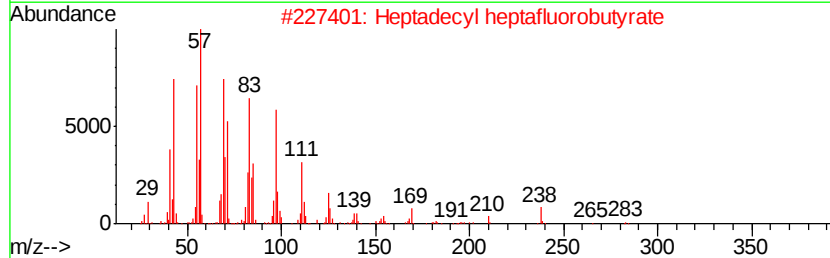
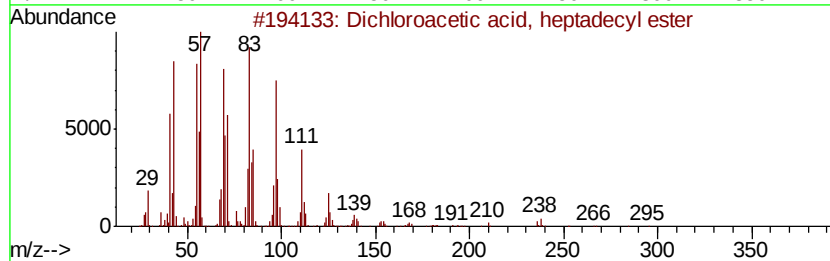
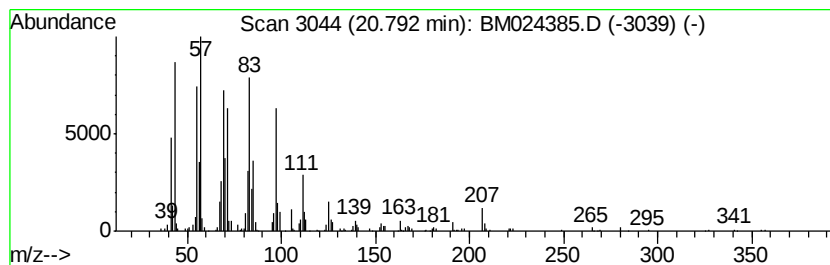
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Dichloroacetic acid, heptad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	3.32 ng/ul	482632	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		1-Octadecanol	270	C18H38O	000112-92-5	87
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024385.D
Acq On : 30 Dec 2019 22:21
Operator : JU
Sample : K6356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0D40

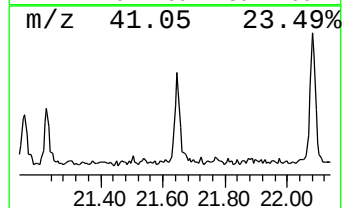
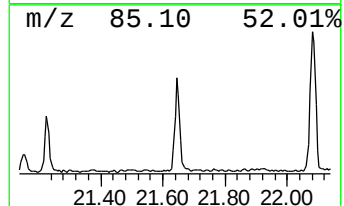
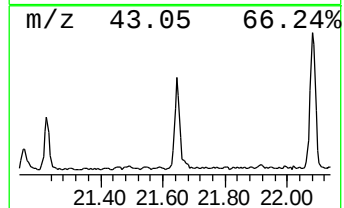
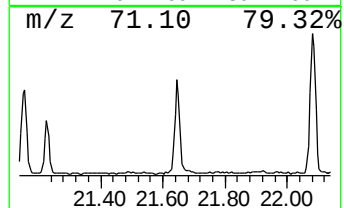
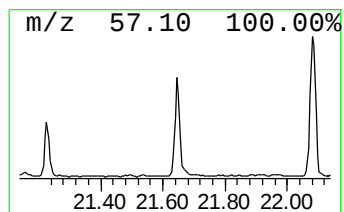
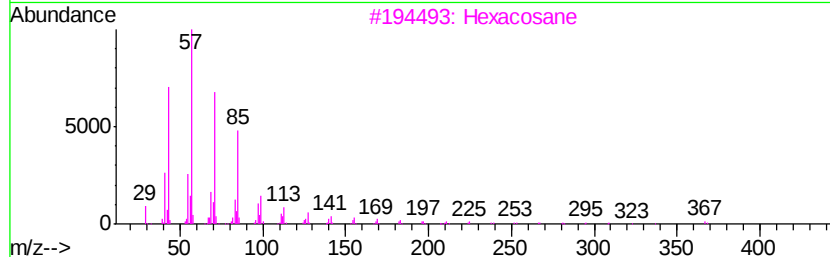
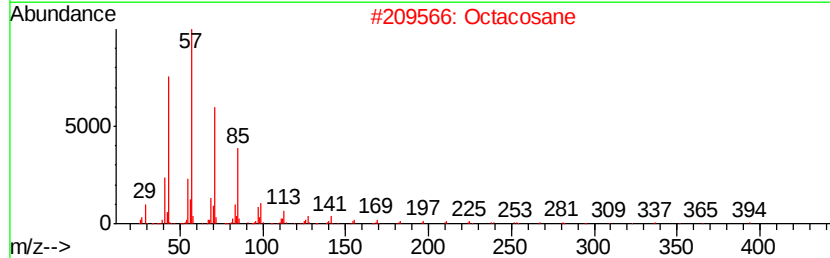
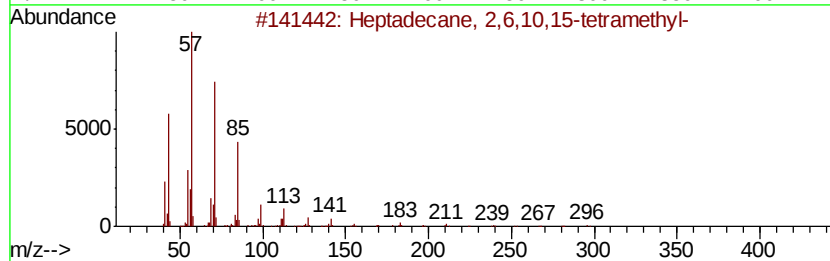
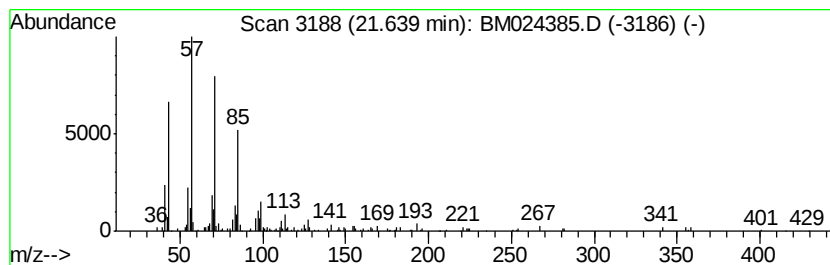
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.00 ng/ul	291431	Chrysene-d12	21.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2			Octacosane	394	C28H58	000630-02-4	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024385.D
Acq On : 30 Dec 2019 22:21
Operator : JU
Sample : K6356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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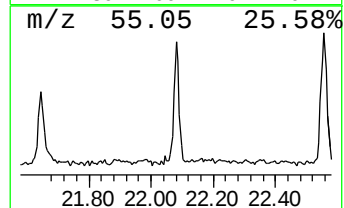
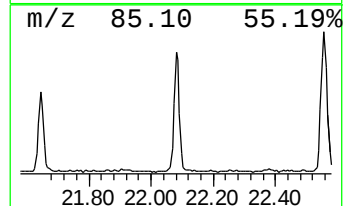
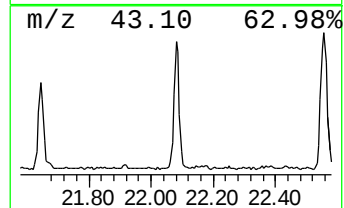
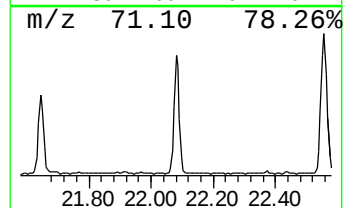
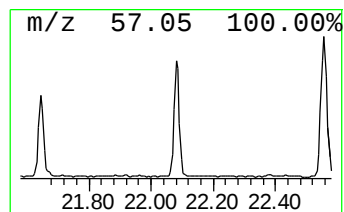
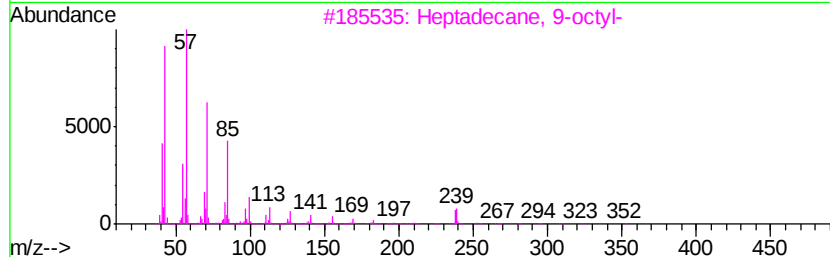
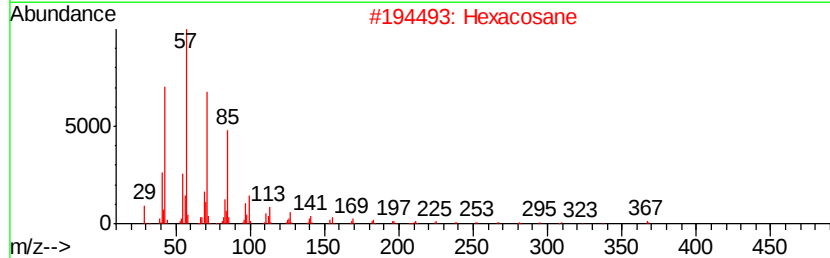
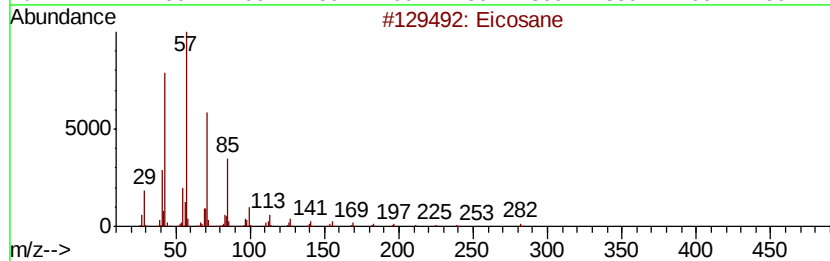
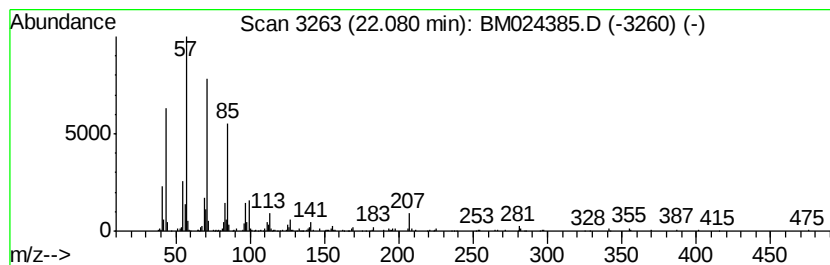
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	2.49 ng/ul	362221	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Octadecane	254	C18H38	000593-45-3	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024385.D
Acq On : 30 Dec 2019 22:21
Operator : JU
Sample : K6356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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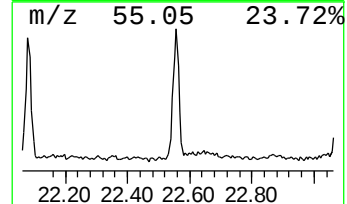
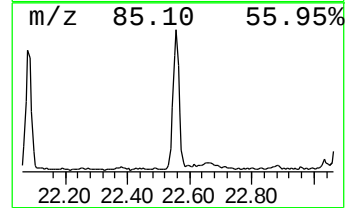
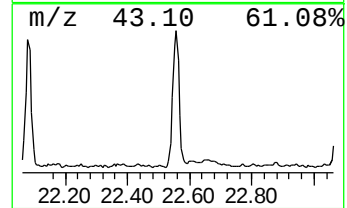
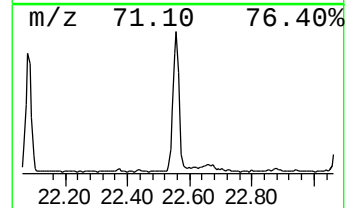
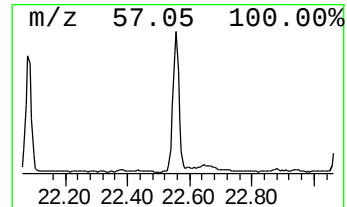
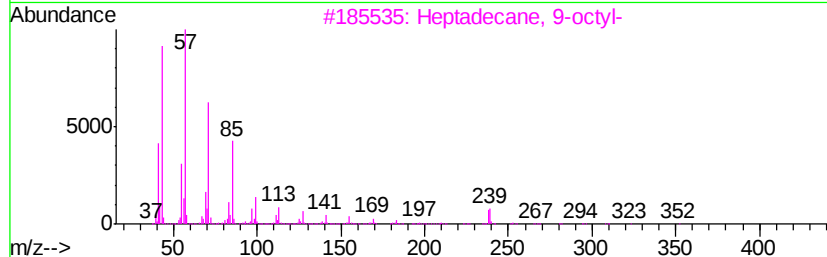
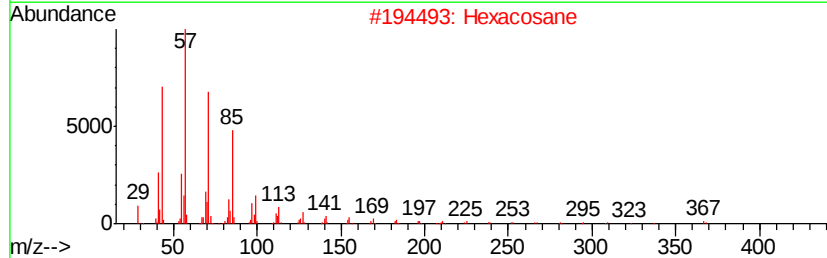
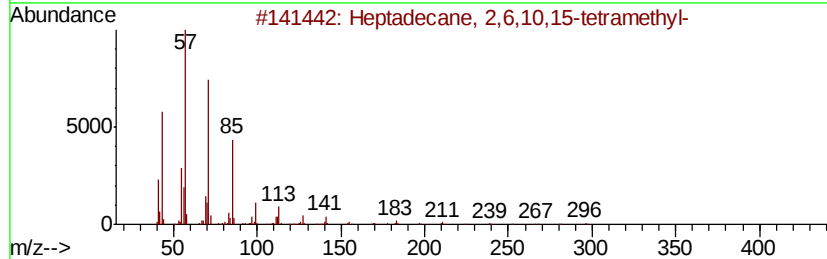
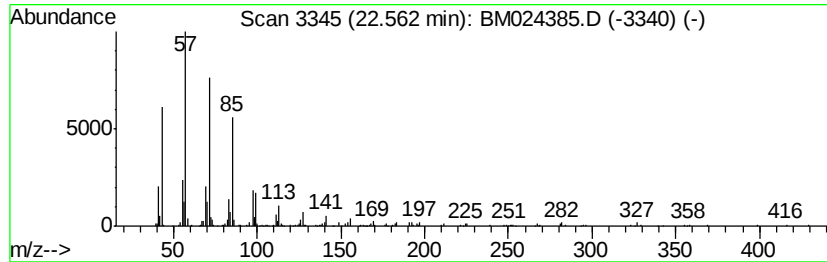
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.89 ng/ul	459592	Perylene-d12	23.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Heptacosane	380	C27H56	000593-49-7	90
5			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024385.D
Acq On : 30 Dec 2019 22:21
Operator : JU
Sample : K6356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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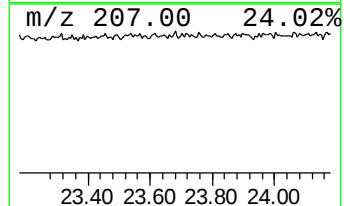
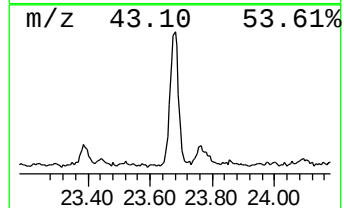
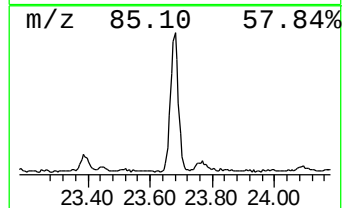
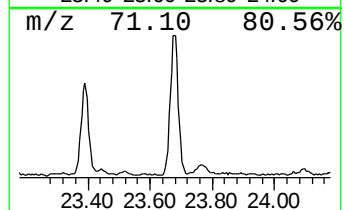
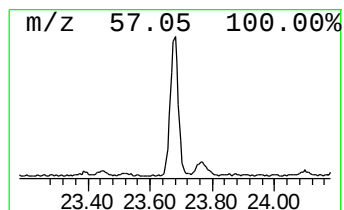
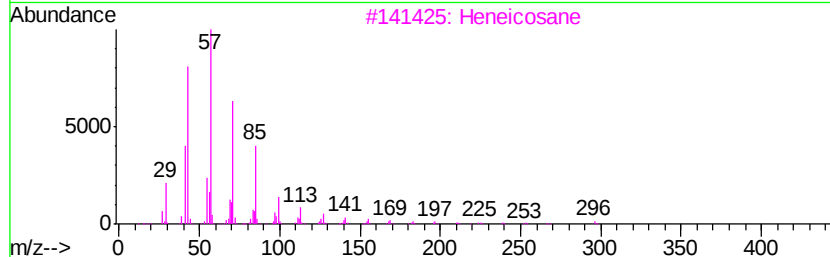
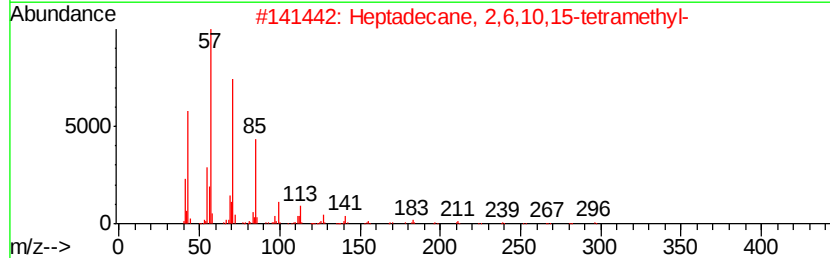
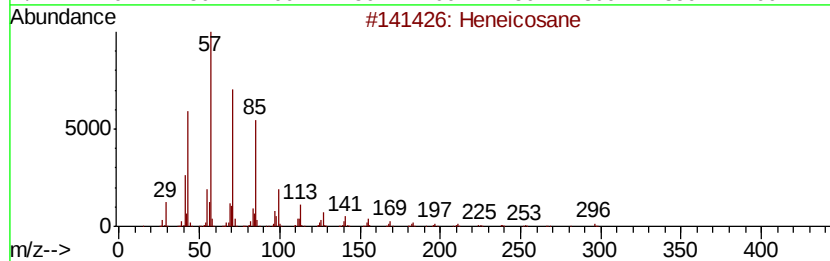
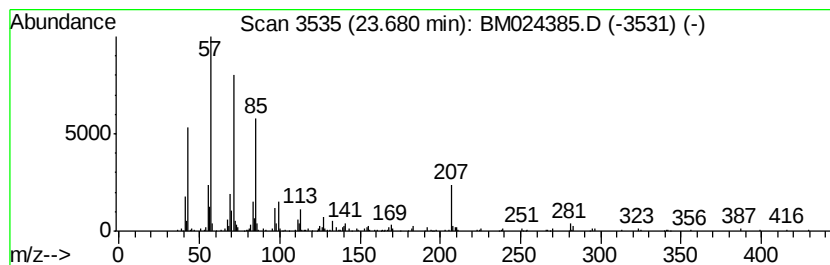
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	3.13 ng/ul	498596	Perylene-d12	23.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3			Heneicosane	296	C21H44	000629-94-7	86
4			2-methyloctacosane	408	C29H60	1000376-72-8	83
5			Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM123019\
Data File : BM024385.D
Acq On : 30 Dec 2019 22:21
Operator : JU
Sample : K6356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0D40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
4-Chlorophenylsel...	8.89	12.8	ng/ul	1159770	2	10.19	1807930	20.0
Benzene, 1-bromo-...	9.20	7.6	ng/ul	687423	2	10.19	1807930	20.0
Benzene, 1-chloro...	10.79	64.7	ng/ul	5851000	2	10.19	1807930	20.0
Benzene, 1-chloro...	11.00	14.5	ng/ul	1311470	2	10.19	1807930	20.0
unknown-01	18.21	21.6	ng/ul	2774390	4	16.83	2563060	20.0
Dichloroacetic ac...	20.79	3.3	ng/ul	482632	5	21.05	2908040	20.0
(DEL) Alkane: Str...	21.64	2.0	ng/ul	291431	5	21.05	2908040	20.0
(DEL) Alkane: Str...	22.08	2.5	ng/ul	362221	5	21.05	2908040	20.0
(DEL) Alkane: Str...	22.56	2.9	ng/ul	459592	6	23.17	3182870	20.0
(DEL) Alkane: Str...	23.68	3.1	ng/ul	498596	6	23.17	3182870	20.0