

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025783.D
 Acq On : 26 Mar 2020 00:18
 Operator : CG/JU
 Sample : L1941-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DM0

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-BM031420MA.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	4.957	341	352	357	RBV3	58274429	119026235	48.81%	14.983%
2	6.751	651	657	666	rVB	177194	297292	0.12%	0.037%
3	6.922	678	686	696	rBV	611340	1034077	0.42%	0.130%
4	7.110	711	718	728	rVB	746141	1175861	0.48%	0.148%
5	7.475	770	780	791	rBV	24563500	45456369	18.64%	5.722%
6	7.651	791	810	814	RBV3	66139150	187640636	76.95%	23.621%
7	7.987	848	867	871	RBV3	69283413	243835829	100.00%	30.695%
8	8.275	910	916	926	rVB	559624	857128	0.35%	0.108%
9	8.710	983	990	993	rBV	851469	1388359	0.57%	0.175%
10	8.757	993	998	1010	rVB	3094852	4942030	2.03%	0.622%
11	9.045	1041	1047	1056	rVB	315729	492618	0.20%	0.062%
12	9.357	1095	1100	1106	rVB	202261	348002	0.14%	0.044%
13	9.428	1106	1112	1120	rBV	735168	1203032	0.49%	0.151%
14	9.963	1196	1203	1213	rBV	1092098	1758176	0.72%	0.221%
15	10.234	1236	1249	1254	rBV	44707627	89735053	36.80%	11.296%
16	10.345	1261	1268	1274	rVB	1149932	1715939	0.70%	0.216%
17	10.733	1323	1334	1341	rBV	21220866	35660424	14.62%	4.489%
18	10.933	1357	1368	1383	rVB	2560603	4042602	1.66%	0.509%
19	11.139	1397	1403	1415	rVB	637157	1066854	0.44%	0.134%
20	12.351	1598	1609	1610	RBV4	195549	424629	0.17%	0.053%
21	12.380	1610	1614	1622	rVB	1332932	1989279	0.82%	0.250%
22	12.998	1712	1719	1726	rBV	4403529	6388985	2.62%	0.804%
23	13.627	1814	1826	1830	rBV	2042293	3020086	1.24%	0.380%
24	13.669	1830	1833	1841	rVB	208485	296799	0.12%	0.037%
25	13.892	1864	1871	1882	rBV	2418165	3533192	1.45%	0.445%
26	14.204	1918	1924	1935	rBV	1643079	2363927	0.97%	0.298%
27	14.410	1954	1959	1969	rVB	180283	270367	0.11%	0.034%
28	15.204	2087	2094	2100	rBV	3181882	4326108	1.77%	0.545%
29	15.327	2109	2115	2129	rBV	1012388	1353127	0.55%	0.170%
30	16.951	2385	2391	2398	rBV	2062525	2723229	1.12%	0.343%
31	17.051	2402	2408	2420	rBV	3523050	4739886	1.94%	0.597%
32	19.351	2789	2799	2805	rBV	4265387	5696141	2.34%	0.717%
33	20.886	3056	3060	3070	RBV2	294579	449421	0.18%	0.057%
34	21.145	3099	3104	3111	rBV	2748567	3325371	1.36%	0.419%

LSC Area Percent Report

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	22.203	3280	3284	3289	rBV	239851	290020	0.12%	0.037%
36	22.686	3362	3366	3371	rBV	267611	348627	0.14%	0.044%
37	23.162	3440	3447	3454	rBV	3853856	6347657	2.60%	0.799%
38	23.227	3454	3458	3462	rVV	295214	444198	0.18%	0.056%
39	23.292	3463	3469	3479	rVB	2048309	3614474	1.48%	0.455%
40	23.839	3557	3562	3569	rVB2	235851	409629	0.17%	0.052%
41	24.544	3677	3682	3692	rVB2	171542	357208	0.15%	0.045%

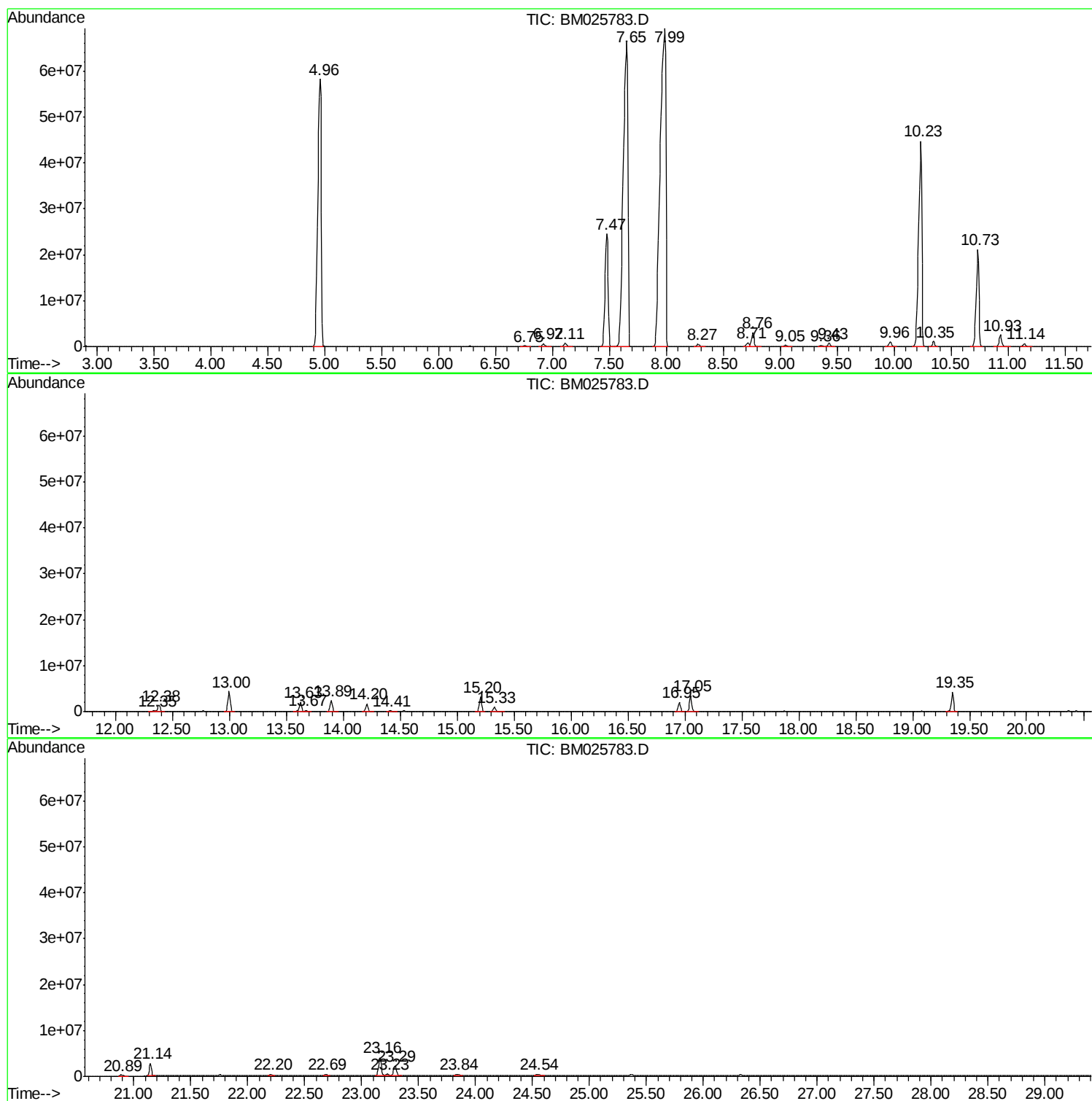
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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



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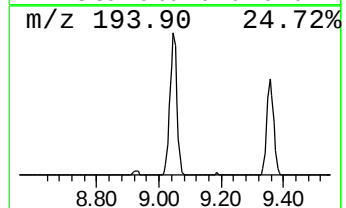
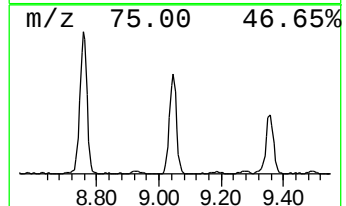
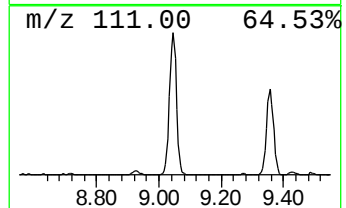
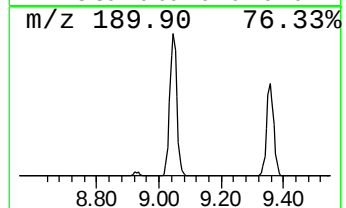
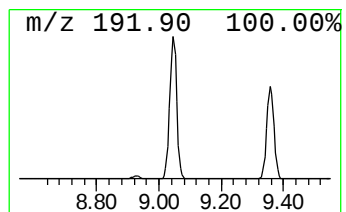
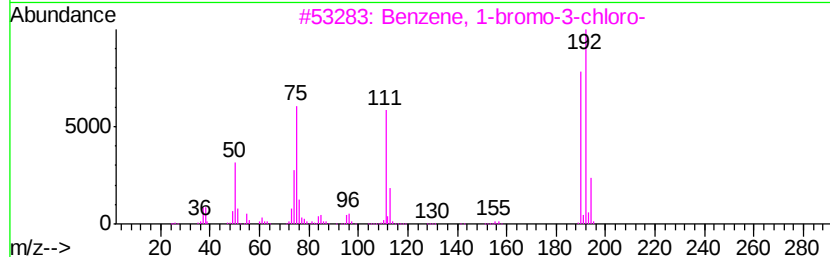
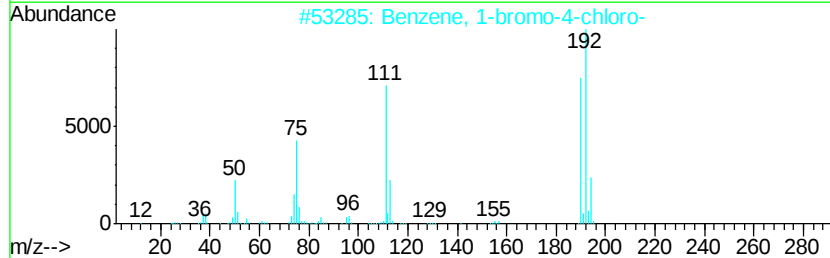
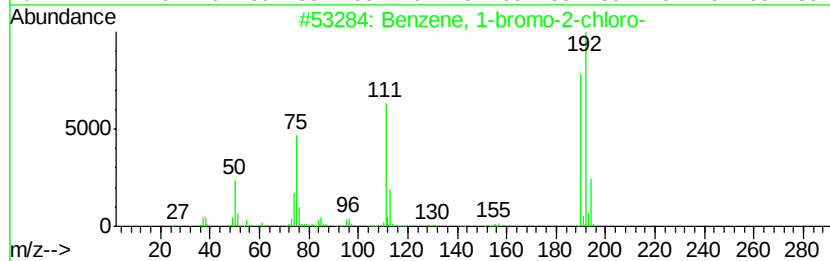
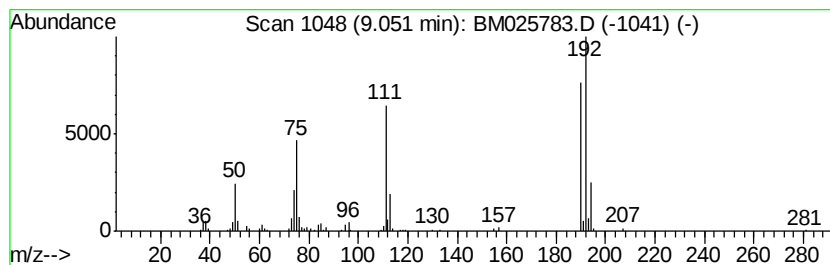
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	5.74 ng/ul	492618	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5		4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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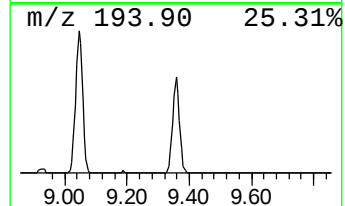
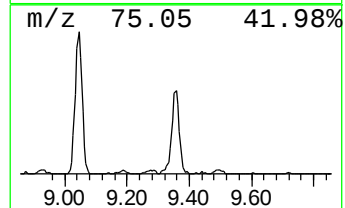
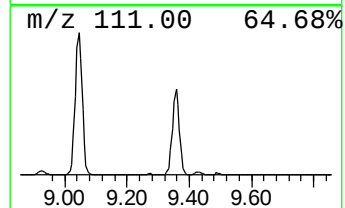
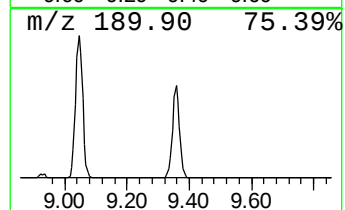
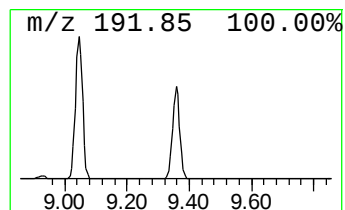
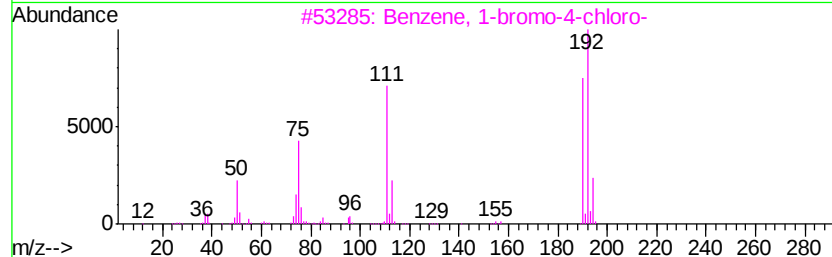
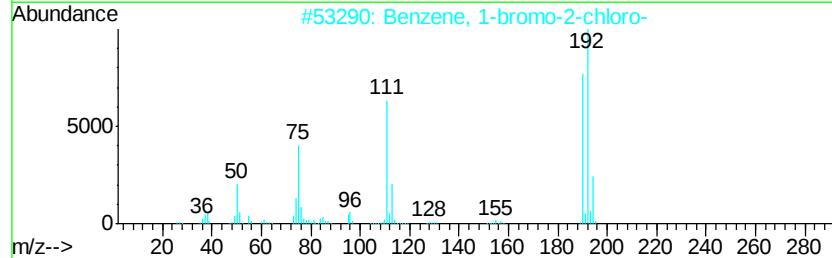
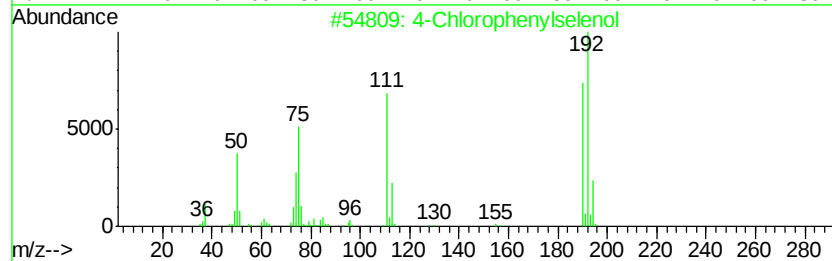
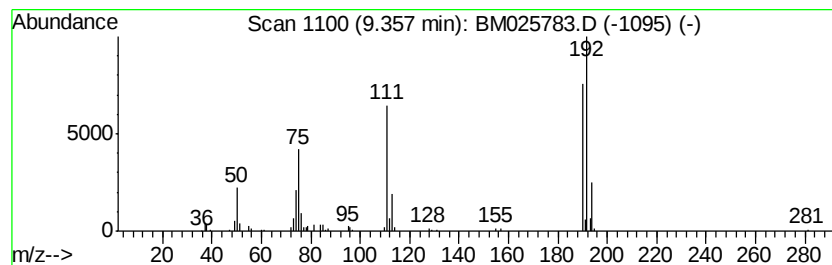
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 4-Chlorophenylselenol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	4.06 ng/ul	348002	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
2		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95
3		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
4		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95



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ClientSampleId :
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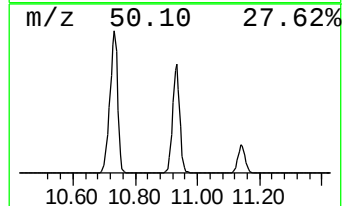
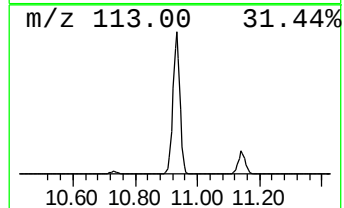
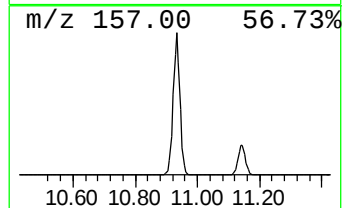
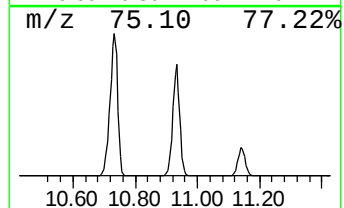
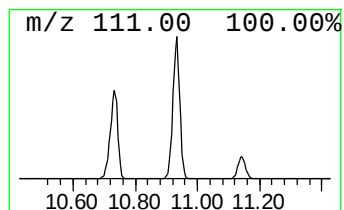
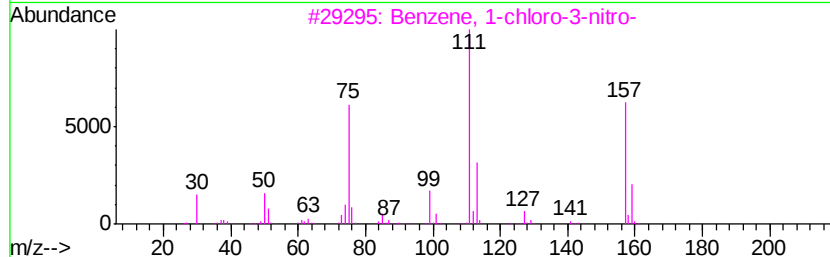
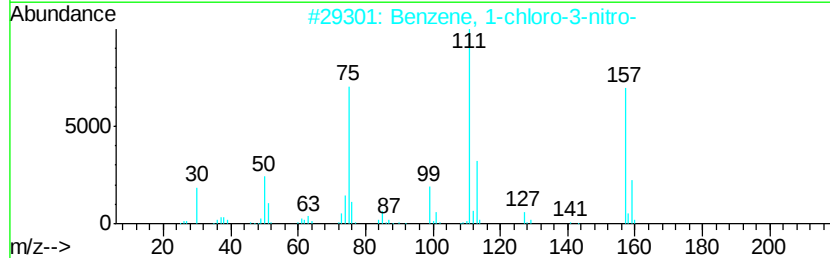
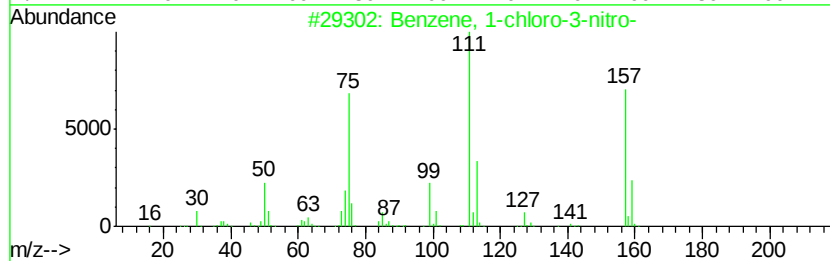
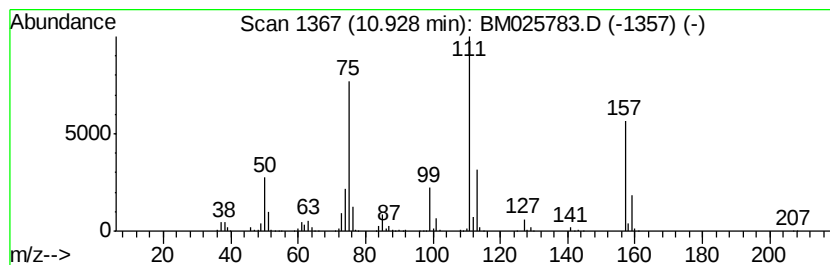
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	47.12 ng/ul	4042600	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91



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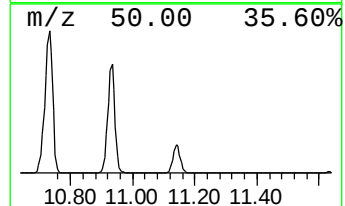
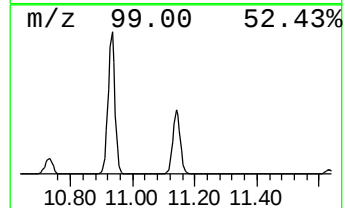
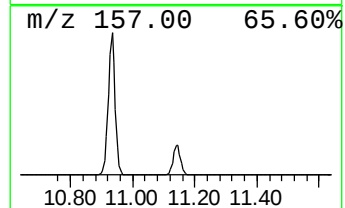
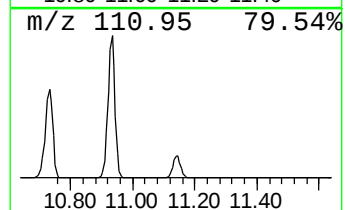
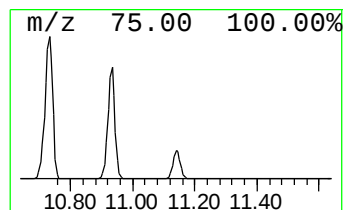
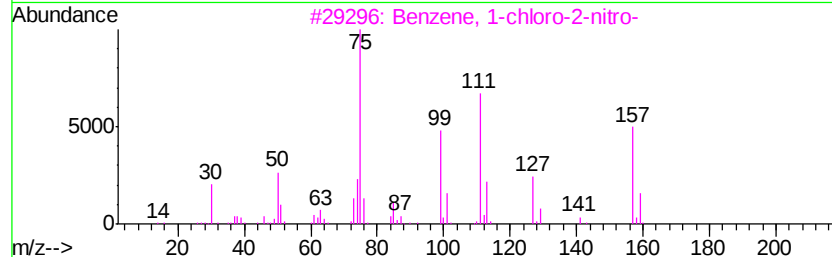
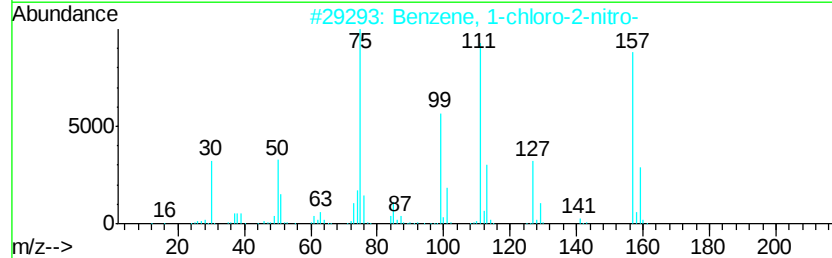
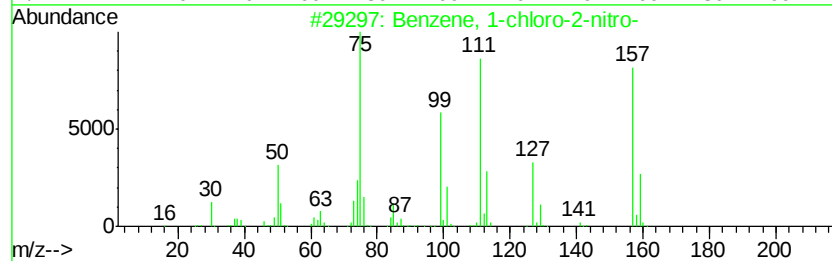
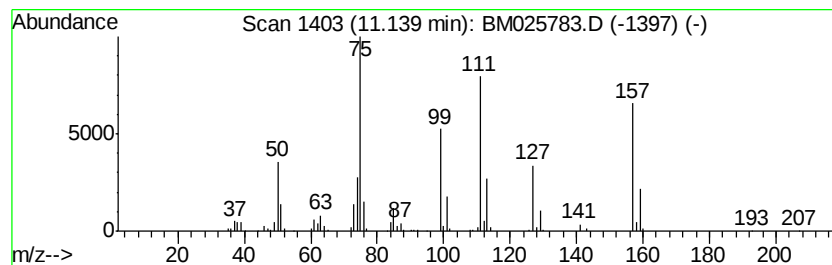
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	12.43 ng/ul	1066850	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97



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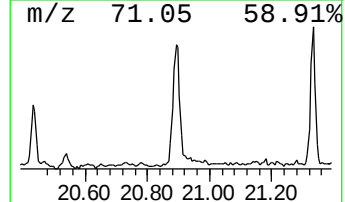
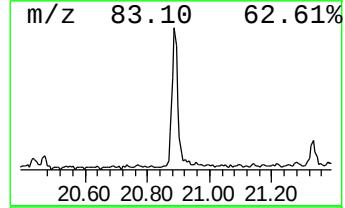
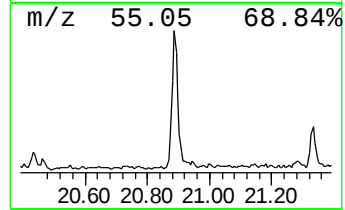
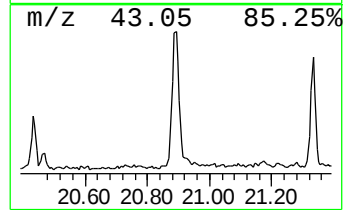
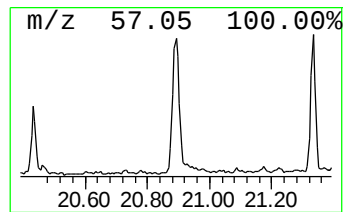
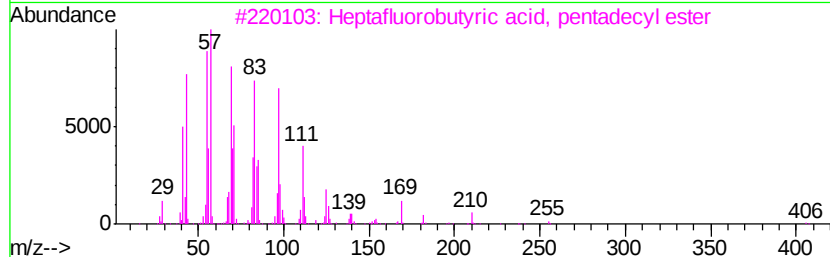
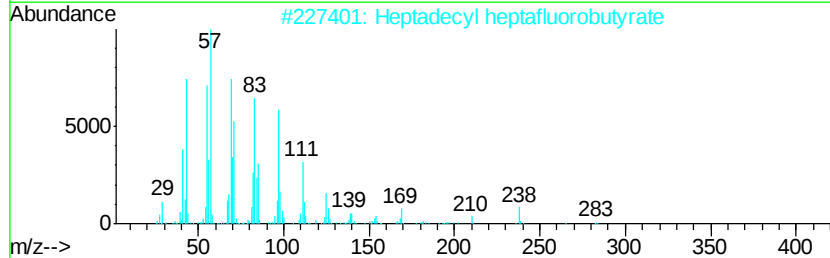
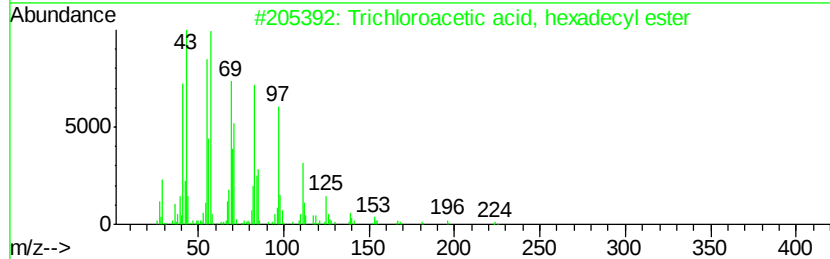
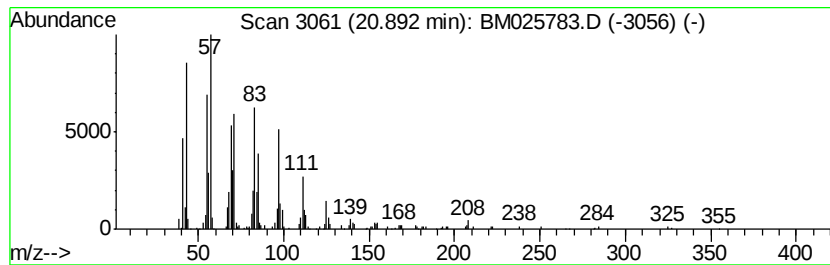
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Trichloroacetic acid, hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.70 ng/ul	449421	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5			1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025783.D
Acq On : 26 Mar 2020 00:18
Operator : CG/JU
Sample : L1941-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0DM0

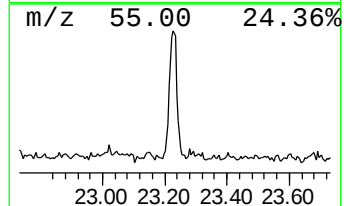
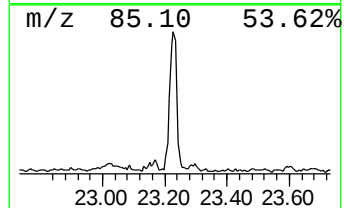
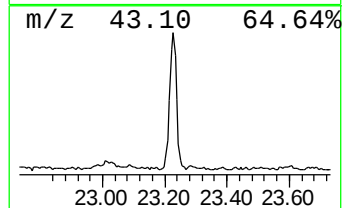
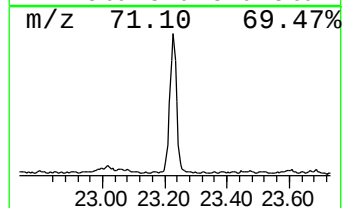
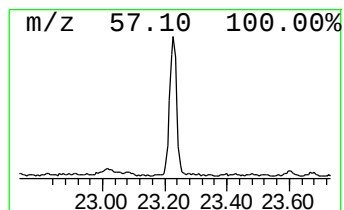
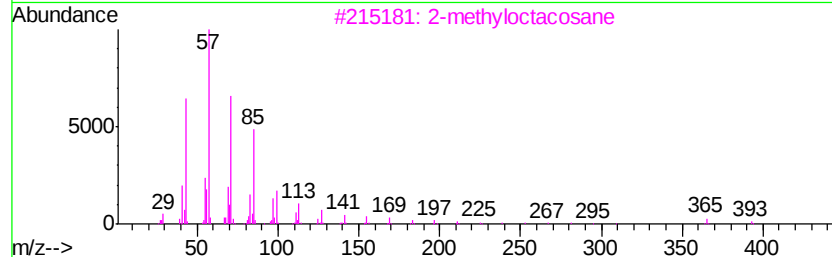
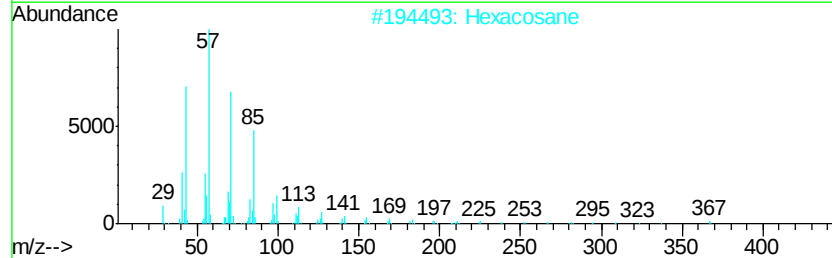
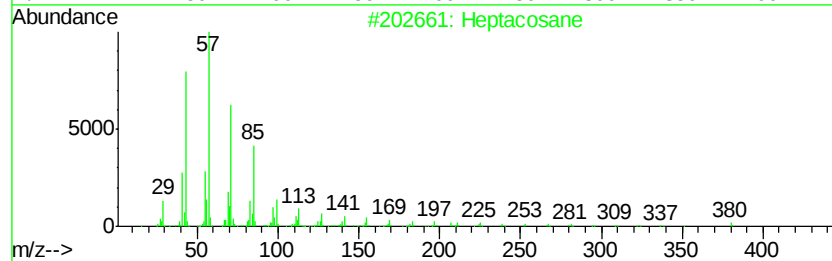
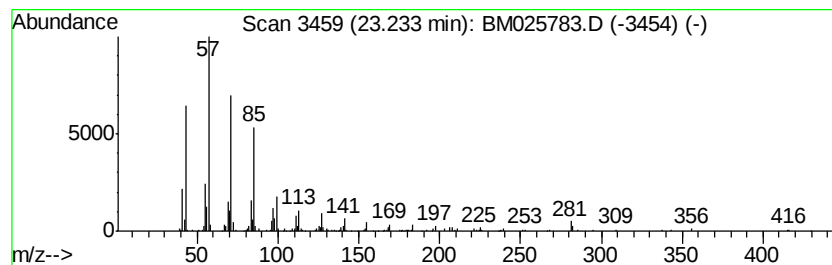
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	2.46 ng/ul	444198	Perylene-d12	23.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	94
2			Hexacosane	366	C26H54	000630-01-3	94
3			2-methyloctacosane	408	C29H60	1000376-72-8	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025783.D
Acq On : 26 Mar 2020 00:18
Operator : CG/JU
Sample : L1941-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0DM0

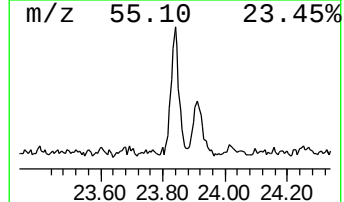
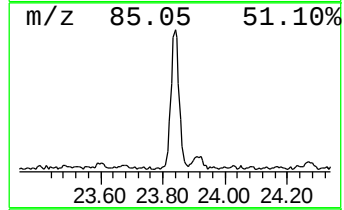
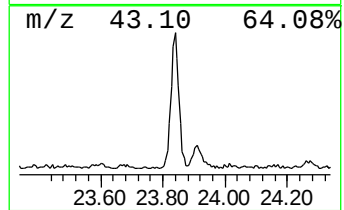
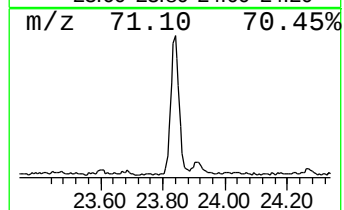
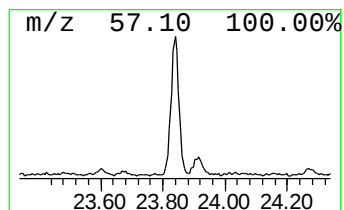
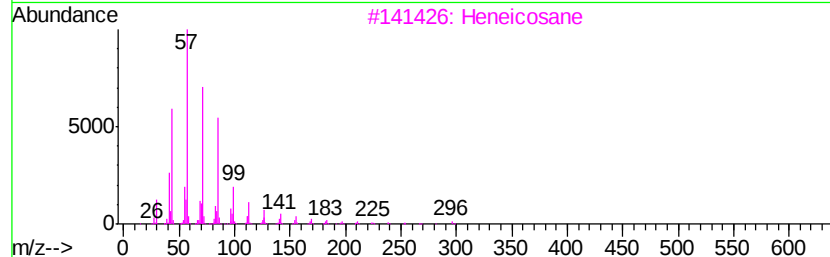
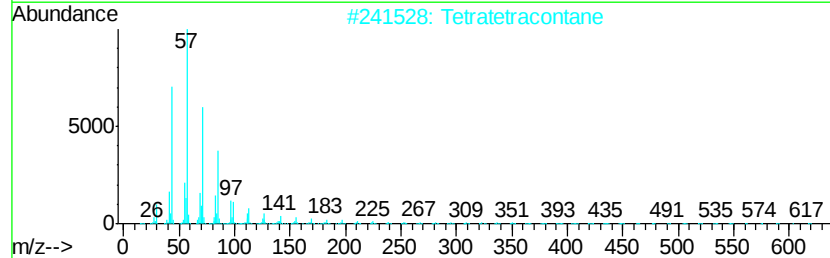
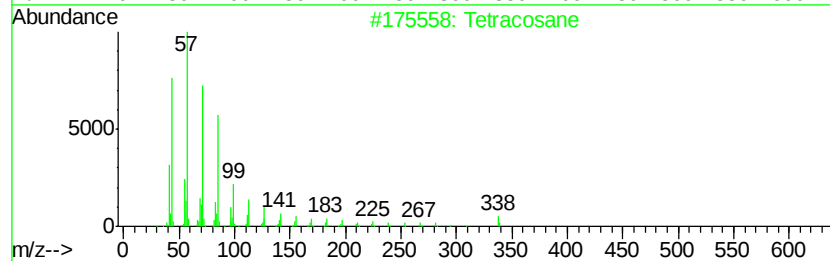
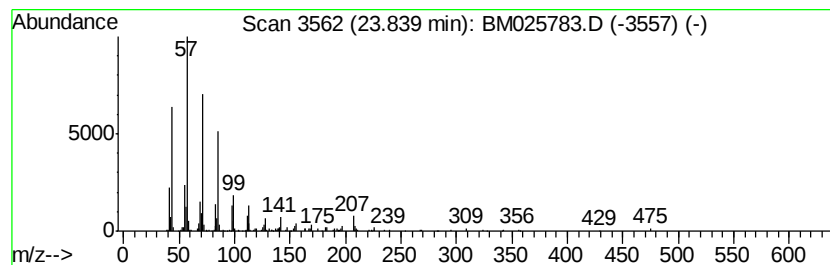
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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.
23.84	2.27 ng/ul	409629	Perylene-d12	23.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Tetratetracontane	619	C44H90	007098-22-8	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Eicosane	282	C20H42	000112-95-8	90
5			Tetracosane	338	C24H50	000646-31-1	90



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Acq On : 26 Mar 2020 00:18
Operator : CG/JU
Sample : L1941-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0DM0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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
Benzene, 1-bromo-...	9.05	5.7	ng/ul	492618	2	10.35	1715940	20.0
4-Chlorophenylsel...	9.36	4.1	ng/ul	348002	2	10.35	1715940	20.0
Benzene, 1-chloro...	10.93	47.1	ng/ul	4042600	2	10.35	1715940	20.0
Benzene, 1-chloro...	11.14	12.4	ng/ul	1066850	2	10.35	1715940	20.0
Trichloroacetic a...	20.89	2.7	ng/ul	449421	5	21.14	3325370	20.0
(DEL) Alkane: Str...	23.23	2.5	ng/ul	444198	6	23.29	3614470	20.0
(DEL) Alkane: Str...	23.84	2.3	ng/ul	409629	6	23.29	3614470	20.0