

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
 Data File : BM026264.D
 Acq On : 04 Jun 2020 19:12
 Operator : JU/CG
 Sample : L2844-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF2

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-BM051320MA.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	3.052	25	28	35	rBV	48214	62666	1.74%	0.169%
2	3.293	60	69	73	rBV2	35671	72283	2.01%	0.194%
3	3.434	90	93	101	rVV	15200	23772	0.66%	0.064%
4	3.516	103	107	114	rVB2	17140	26439	0.73%	0.071%
5	3.669	126	133	139	rVB3	17614	36679	1.02%	0.099%
6	3.752	140	147	158	rVB4	22611	56803	1.58%	0.153%
7	3.922	170	176	179	rBV2	38123	59371	1.65%	0.160%
8	3.958	179	182	188	rVB2	21134	30113	0.84%	0.081%
9	4.052	192	198	202	rVV6	17498	32670	0.91%	0.088%
10	4.193	218	222	230	rVB2	41621	59583	1.65%	0.160%
11	4.269	230	235	242	rBV2	21852	35506	0.99%	0.096%
12	4.628	291	296	299	rVV2				

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
 Data File : BM026264.D
 Acq On : 04 Jun 2020 19:12
 Operator : JU/CG
 Sample : L2844-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF2

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-BM051320MA.M
 Title : SVOA CALIBRATION

35	7.581	790	798	805	rVB2	52355	101436	2.82%	0.273%
36	7.957	857	862	867	rBV3	14733	25213	0.70%	0.068%
37	8.010	867	871	877	rVV	45386	67476	1.87%	0.182%
38	8.104	881	887	892	rVV	84044	130052	3.61%	0.350%
39	8.181	892	900	910	rVV	458249	731165	20.30%	1.967%
40	8.269	910	915	922	rVV2	39097	82629	2.29%	0.222%
41	8.410	934	939	944	rBV2	27141	41491	1.15%	0.112%
42	8.463	944	948	954	rVB	34612	48180	1.34%	0.130%
43	8.563	956	965	967	rBV	75772	116772	3.24%	0.314%
44	8.604	967	972	984	rVV	669483	1109020	30.79%	2.983%
45	8.704	984	989	995	rVB3	15010	28001	0.78%	0.075%
46	8.810	995	1007	1013	rVB4	38877	84003	2.33%	0.226%
47	8.893	1015	1021	1026	rBV2	253			

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
 Data File : BM026264.D
 Acq On : 04 Jun 2020 19:12
 Operator : JU/CG
 Sample : L2844-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF2

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-BM051320MA.M
 Title : SVOA CALIBRATION

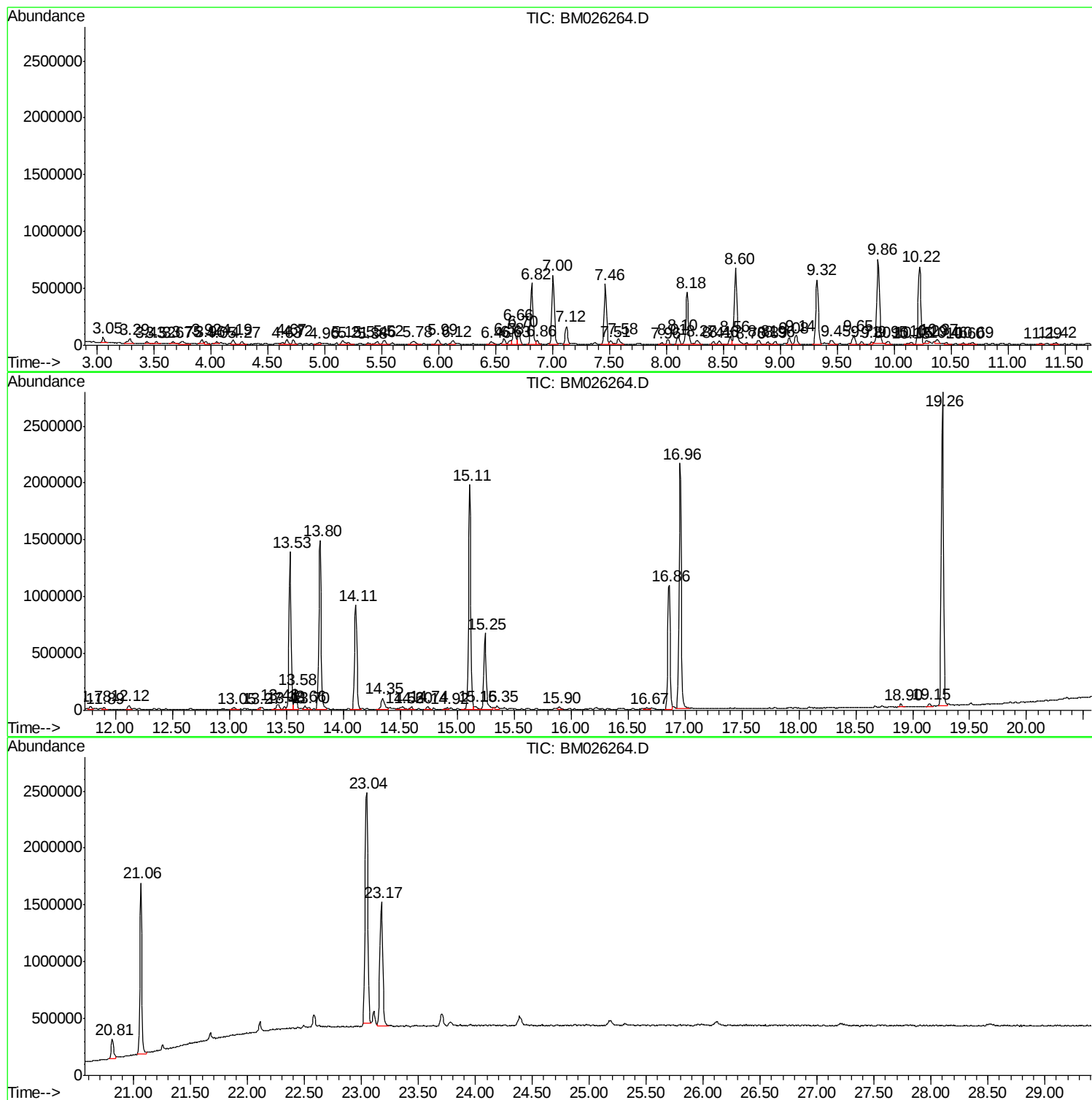
72	13.269	1760	1765	1766	rBV	18615	25167	0.70%	0.068%
73	13.428	1782	1792	1797	rVV2	44743	89039	2.47%	0.240%
74	13.480	1797	1801	1804	rVV2	24530	34985	0.97%	0.094%
75	13.533	1804	1810	1815	rVV	1386218	1849418	51.34%	4.975%
76	13.580	1815	1818	1823	rVV	178803	235884	6.55%	0.635%
77	13.663	1828	1832	1835	rVV2	26998	38230	1.06%	0.103%
78	13.698	1835	1838	1843	rVB3	18252	25434	0.71%	0.068%
79	13.798	1848	1855	1865	rVV	1486393	2144654	59.53%	5.769%
80	14.110	1900	1908	1916	rBV	917303	1337139	37.12%	3.597%
81	14.345	1939	1948	1957	rBV3	101022	223417	6.20%	0.601%
82	14.522	1968	1978	1985	rVV6	25411	75775	2.10%	0.204%
83	14.5								

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
Data File : BM026264.D
Acq On : 04 Jun 2020 19:12
Operator : JU/CG
Sample : L2844-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
Data File : BM026264.D
Acq On : 04 Jun 2020 19:12
Operator : JU/CG
Sample : L2844-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

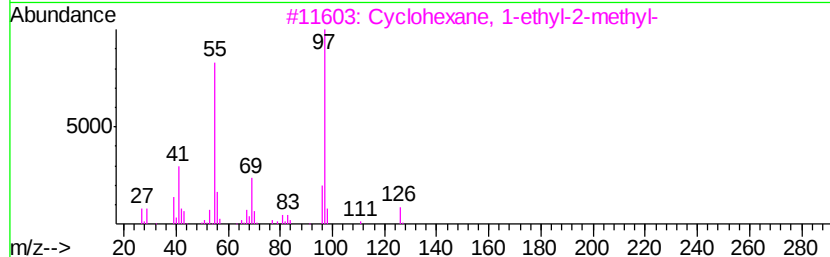
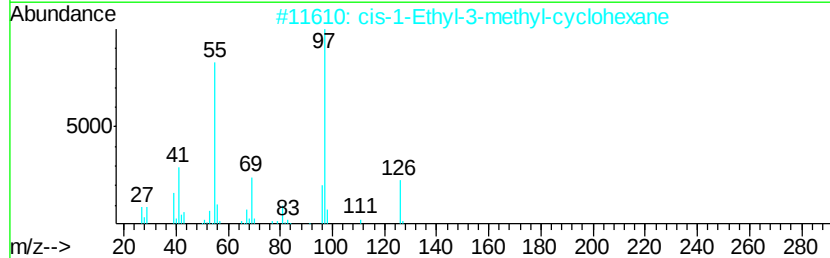
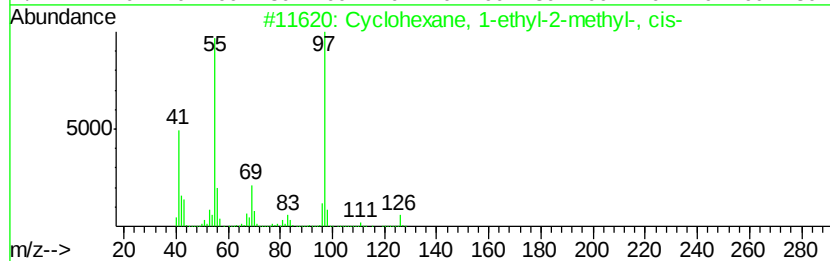
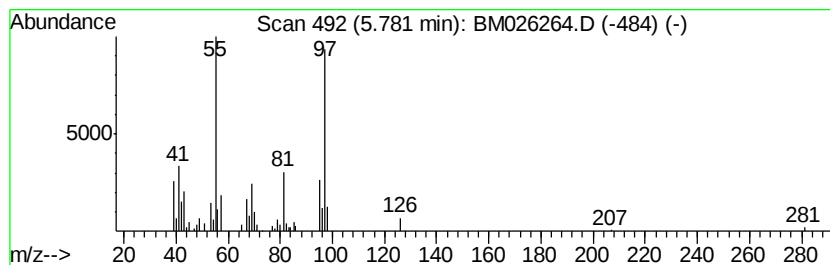
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic5.78 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	2.11 ng/ul	83016	1,4-Dichlorobenzene-d4	7.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	83
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
Data File : BM026264.D
Acq On : 04 Jun 2020 19:12
Operator : JU/CG
Sample : L2844-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

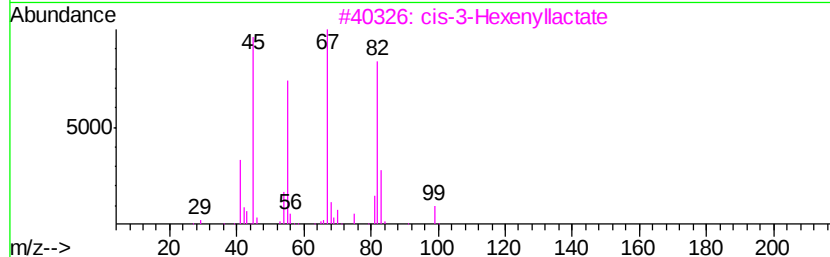
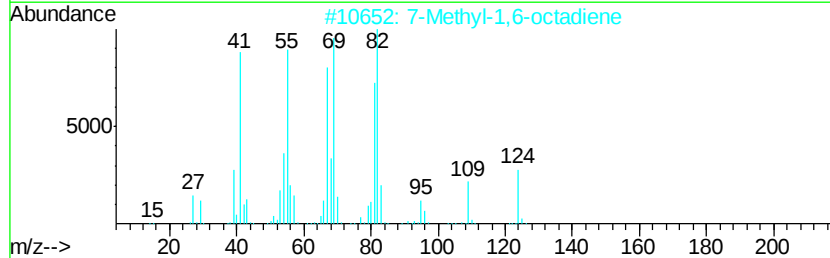
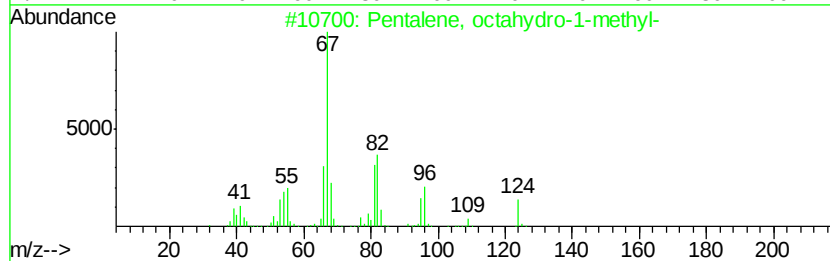
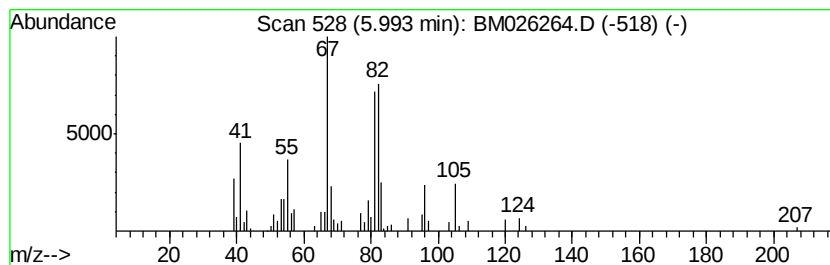
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Pentalene, octahydro-1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	2.23 ng/ul	87358	1,4-Dichlorobenzene-d4	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	64
2		7-Methyl-1,6-octadiene	124	C9H16	042152-47-6	58
3		cis-3-Hexenylactate	172	C9H16O3	061931-81-5	53
4		2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	52
5		1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
Data File : BM026264.D
Acq On : 04 Jun 2020 19:12
Operator : JU/CG
Sample : L2844-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

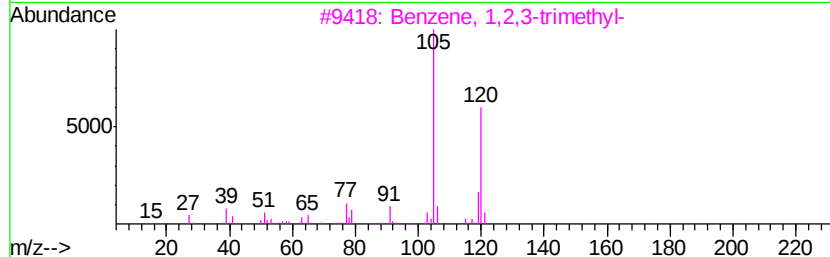
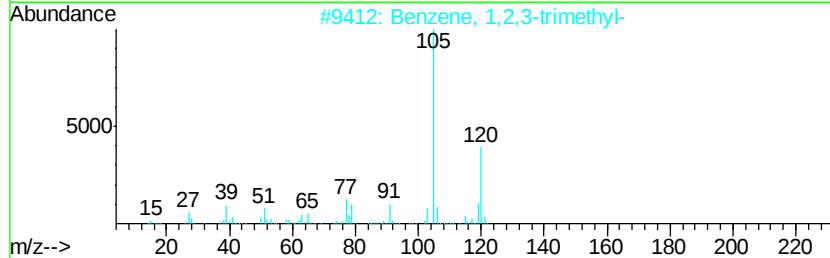
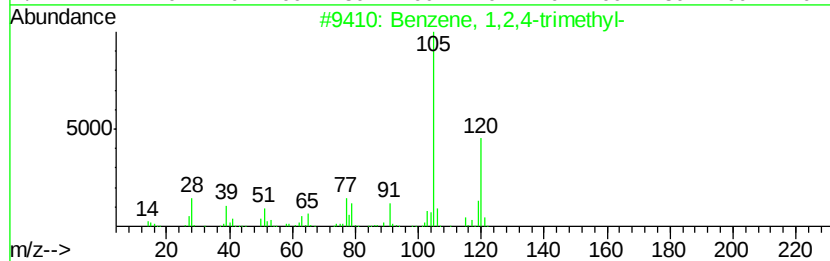
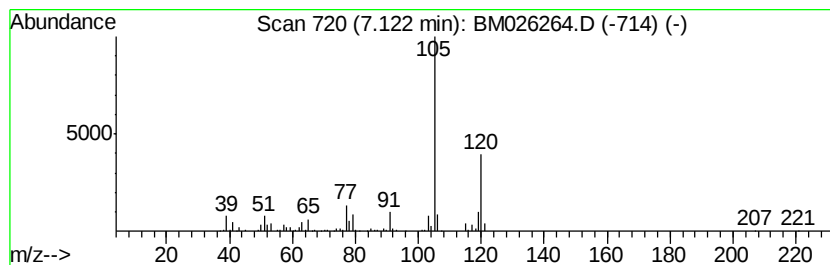
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	5.70 ng/ul	223742	1,4-Dichlorobenzene-d4	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
Data File : BM026264.D
Acq On : 04 Jun 2020 19:12
Operator : JU/CG
Sample : L2844-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

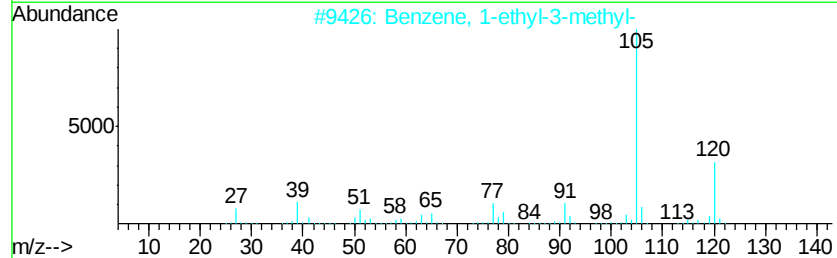
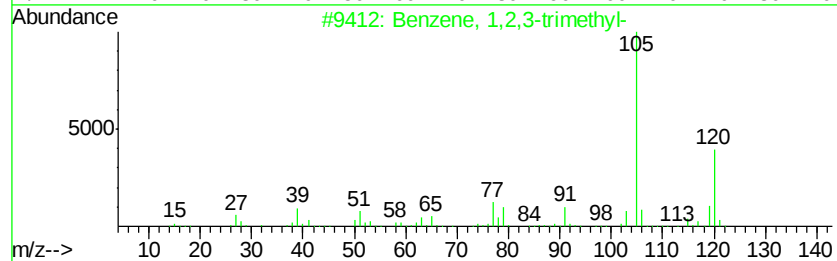
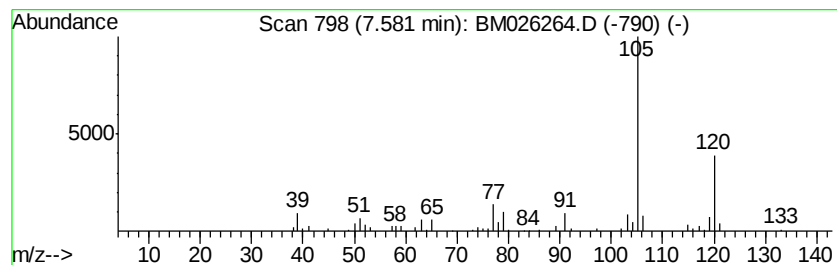
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	2.58 ng/ul	101436	1,4-Dichlorobenzene-d4	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
Data File : BM026264.D
Acq On : 04 Jun 2020 19:12
Operator : JU/CG
Sample : L2844-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

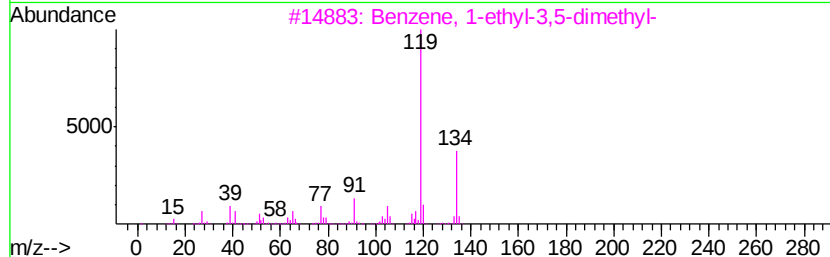
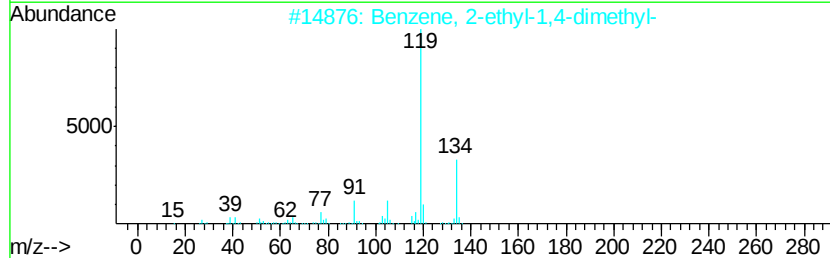
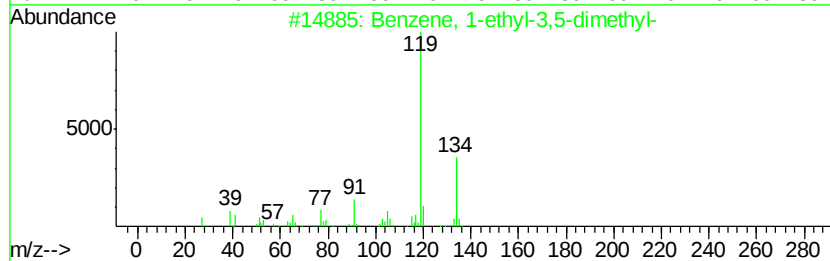
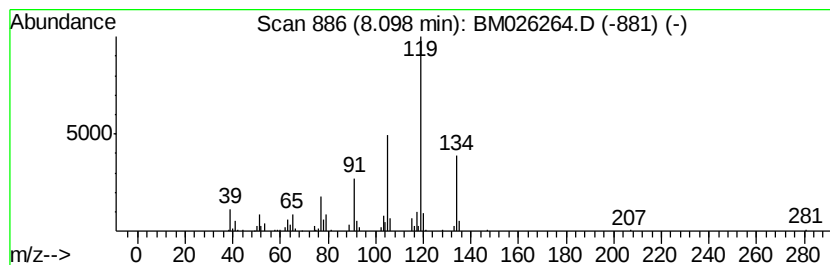
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	3.31 ng/ul	130052	1,4-Dichlorobenzene-d4	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
Data File : BM026264.D
Acq On : 04 Jun 2020 19:12
Operator : JU/CG
Sample : L2844-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

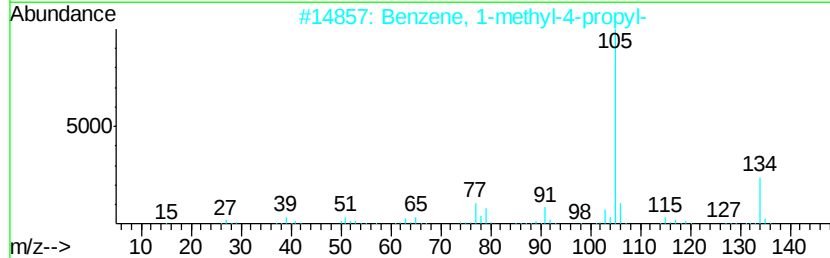
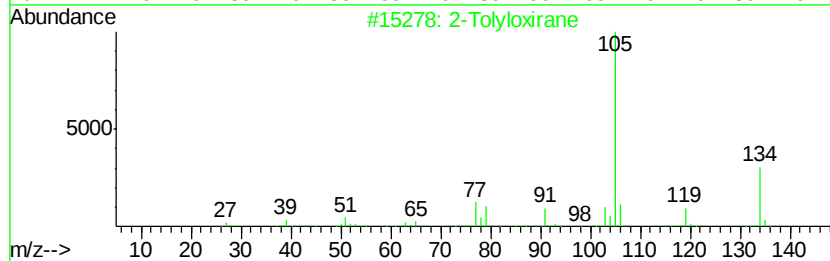
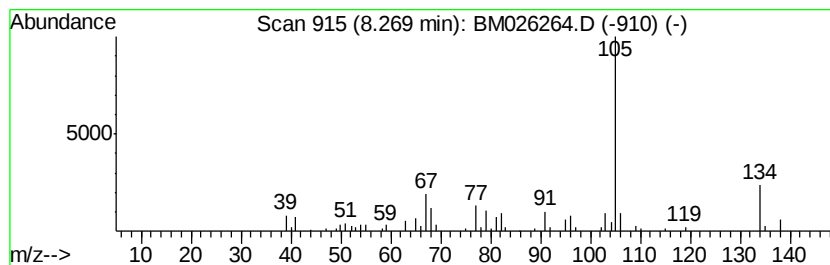
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 2-Tolyloxirane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	2.11 ng/ul	82629	1,4-Dichlorobenzene-d4	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Tolyloxirane	134	C9H10O	002783-26-8	64
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
Data File : BM026264.D
Acq On : 04 Jun 2020 19:12
Operator : JU/CG
Sample : L2844-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

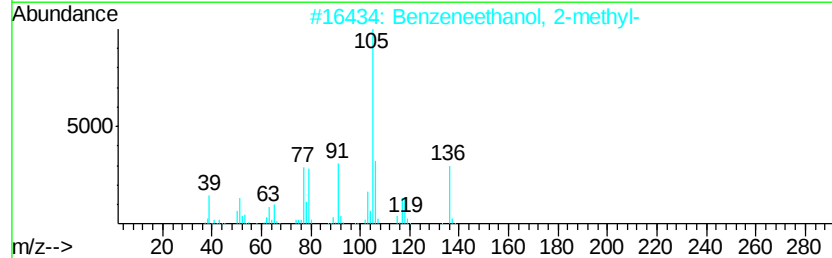
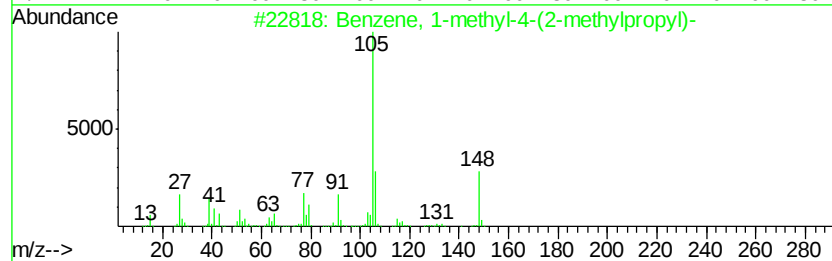
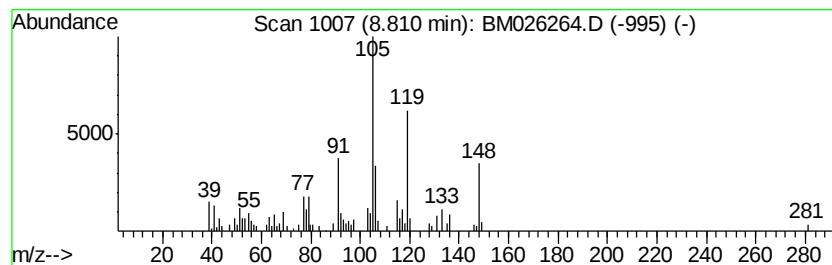
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	2.14 ng/ul	84003	1,4-Dichlorobenzene-d4	7.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	46
2		Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	41
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
4		2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	38
5		3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
Data File : BM026264.D
Acq On : 04 Jun 2020 19:12
Operator : JU/CG
Sample : L2844-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

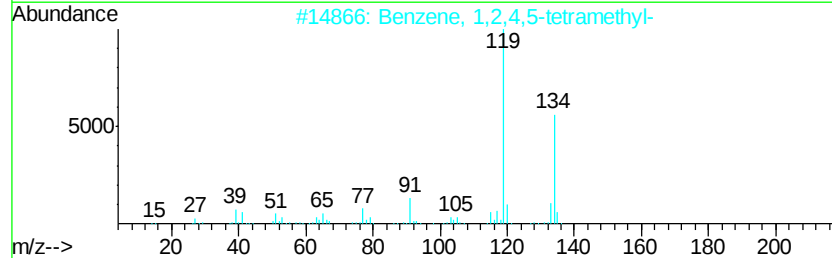
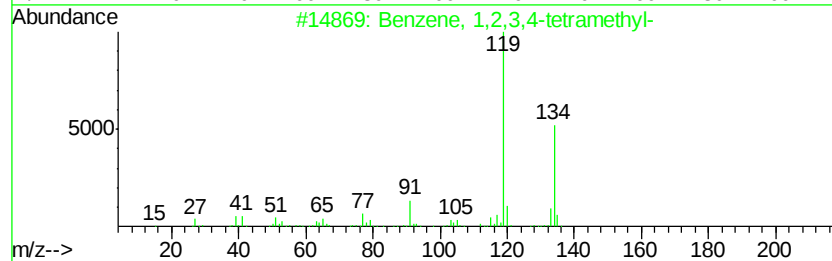
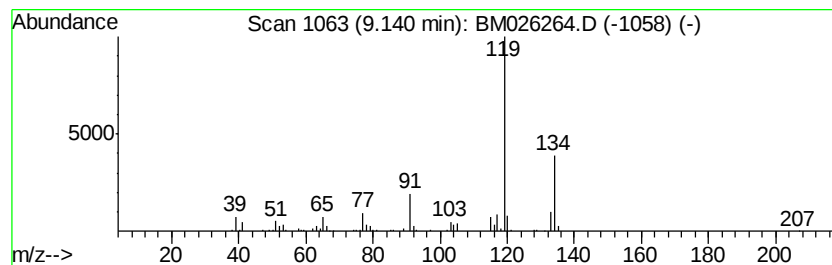
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	2.29 ng/ul	129041	Naphthalene-d8	10.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
Data File : BM026264.D
Acq On : 04 Jun 2020 19:12
Operator : JU/CG
Sample : L2844-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

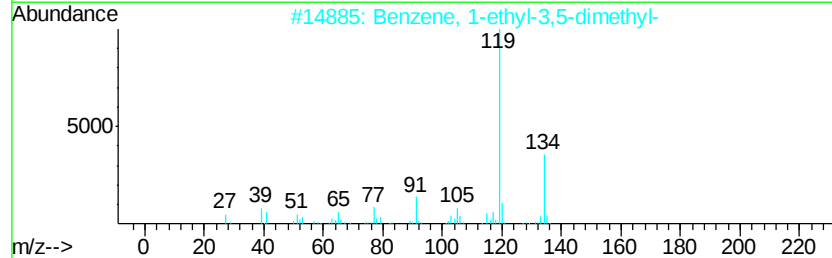
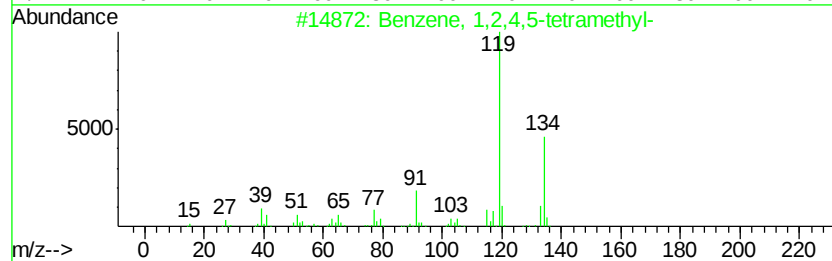
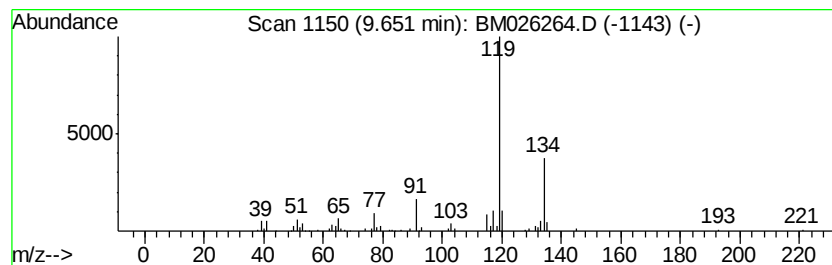
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	2.37 ng/ul	133542	Naphthalene-d8	10.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93	
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90	
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90	
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90	
5	o-Cymene	134	C10H14	000527-84-4	87	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
Data File : BM026264.D
Acq On : 04 Jun 2020 19:12
Operator : JU/CG
Sample : L2844-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

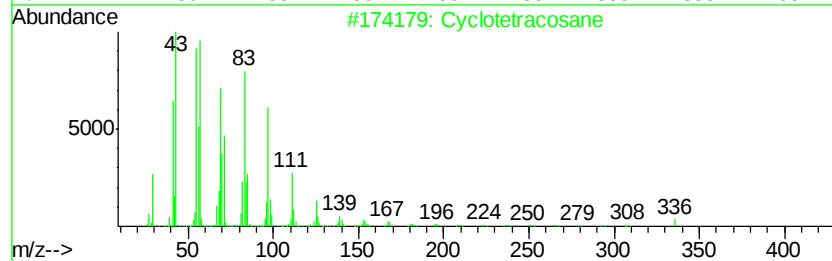
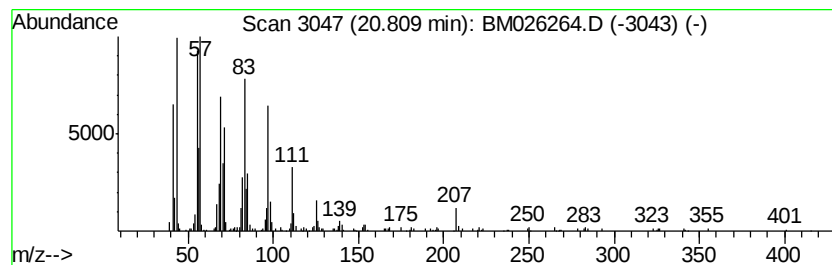
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic20.81 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	2.72 ng/ul	248583	Chrysene-d12	21.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	95
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3			Cyclotetradecane	196	C14H28	000295-17-0	94
4			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5			Cyclooctacosane	392	C28H56	000297-24-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060420\
 Data File : BM026264.D
 Acq On : 04 Jun 2020 19:12
 Operator : JU/CG
 Sample : L2844-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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
(DEL) Alkane: Cyc...	5.78	2.1	ng/ul	83016	1	7.46	785069	20.0
Pentalene, octahy...	5.99	2.2	ng/ul	87358	1	7.46	785069	20.0
Benzene, 1,2,4-tr...	7.12	5.7	ng/ul	223742	1	7.46	785069	20.0
Benzene, 1,2,3-tr...	7.58	2.6	ng/ul	101436	1	7.46	785069	20.0
Benzene, 1-ethyl-...	8.10	3.3	ng/ul	130052	1	7.46	785069	20.0
2-Tolyloxirane	8.27	2.1	ng/ul	82629	1	7.46	785069	20.0
unknown-01	8.81	2.1	ng/ul	84003	1	7.46	785069	20.0
Benzene, 1,2,3,4-...	9.14	2.3	ng/ul	129041	2	10.22	1126960	20.0
Benzene, 1,2,4,5-...	9.65	2.4	ng/ul	133542	2	10.22	112696	