

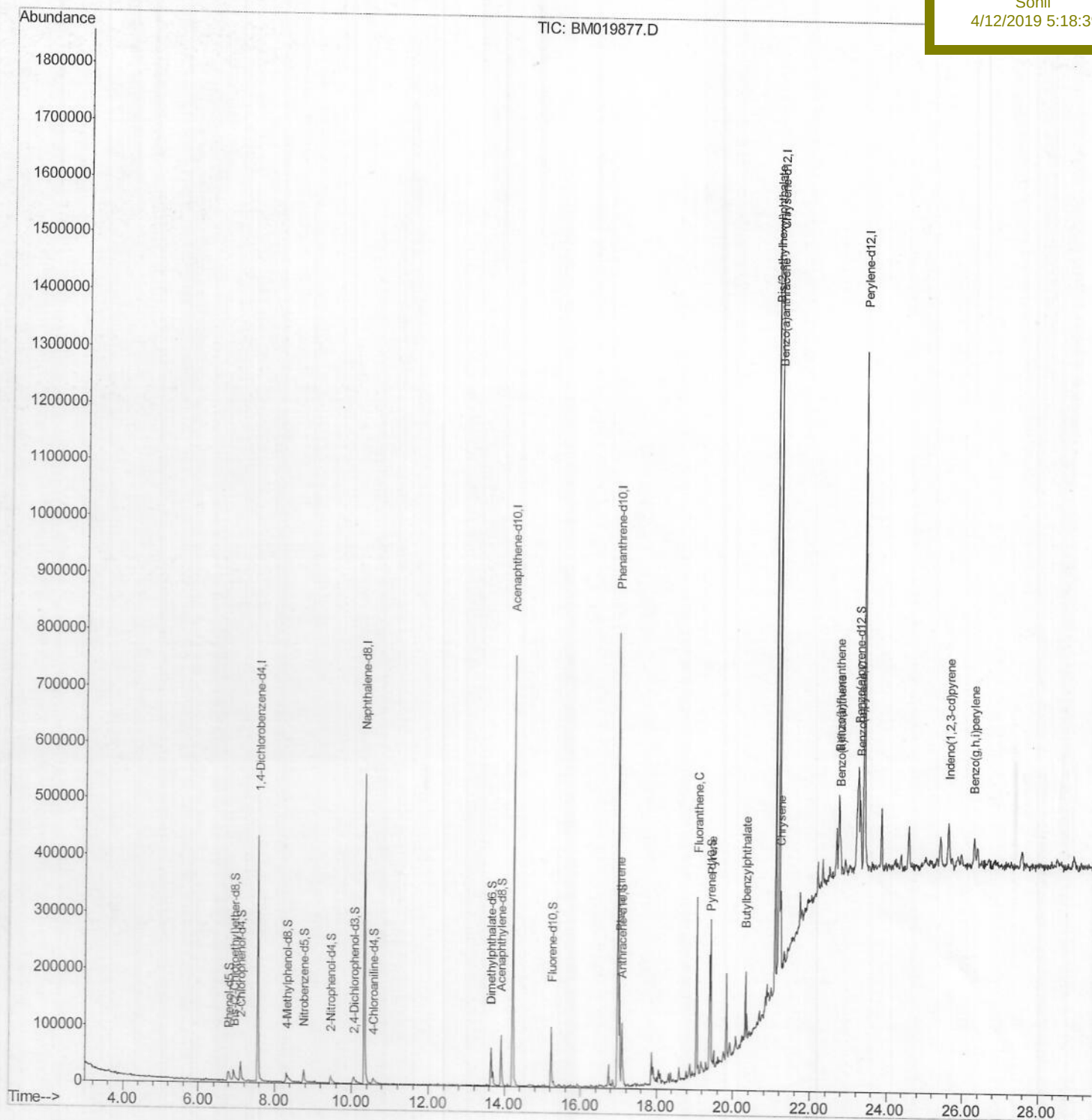
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019877.D
Acq On : 11 Apr 2019 00:00
Operator : JU/SJ
Sample : K2255-19DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 04:47:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 03:09:11 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample ID :
BFC20DL

Manual Integrations
APPROVED

Sohil
4/12/2019 5:18:39 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\

Data File : BM019877.D

Acq On : 11 Apr 2019 00:00

Operator : JU/SJ

Sample : K2255-19DL 5X

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 11 03:09:11 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

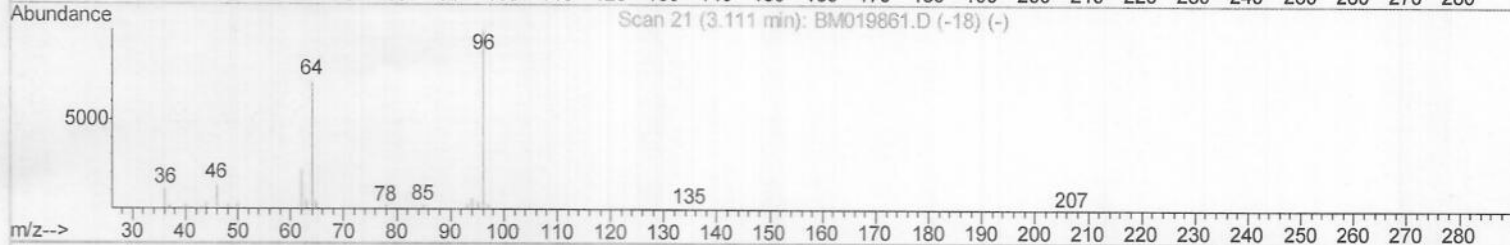
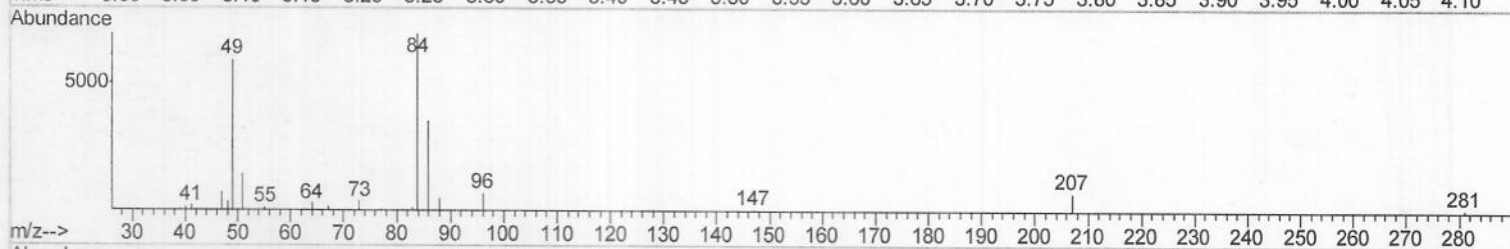
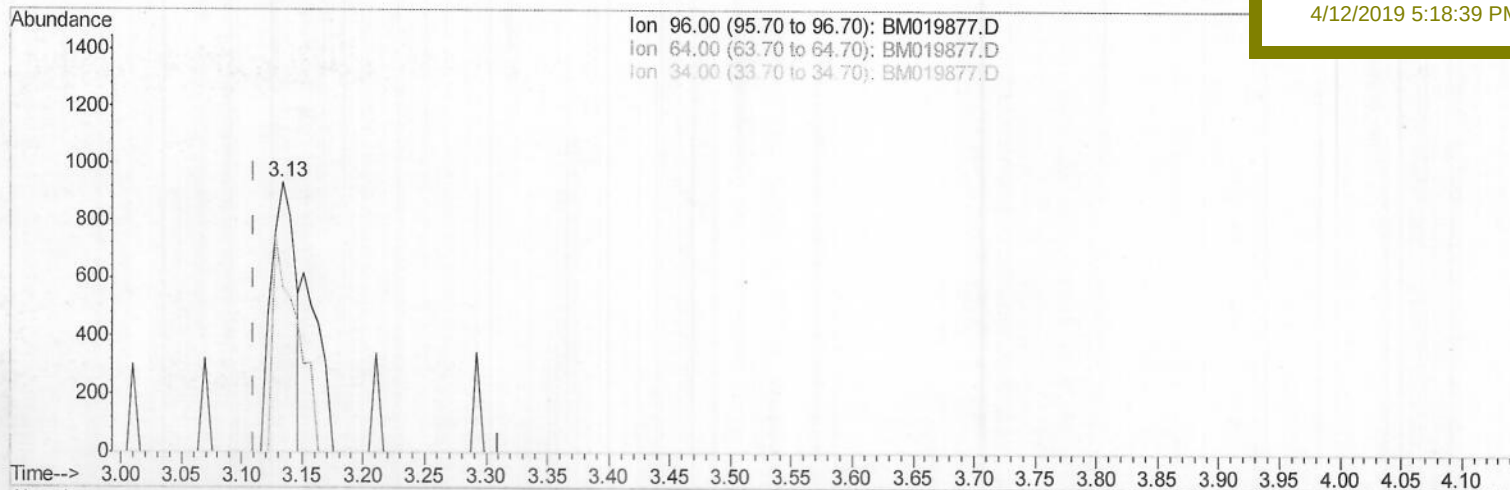
BFC20DL

Manual Integrations

APPROVED

Sohil

4/12/2019 5:18:39 PM



TIC: BM019877.D

(3) 1,4-Dioxane-d8 (S)

3.134min (+0.024) 0.39ng/uL

response 1245

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	60.56
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\

Data File : BM019877.D

Acq On : 11 Apr 2019 00:00

Operator : JU/SJ

Sample : K2255-19DL 5X

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 11 03:09:11 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

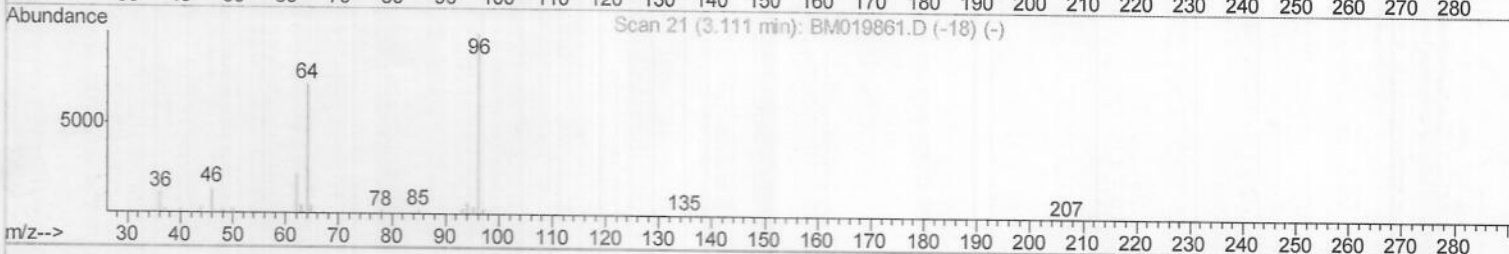
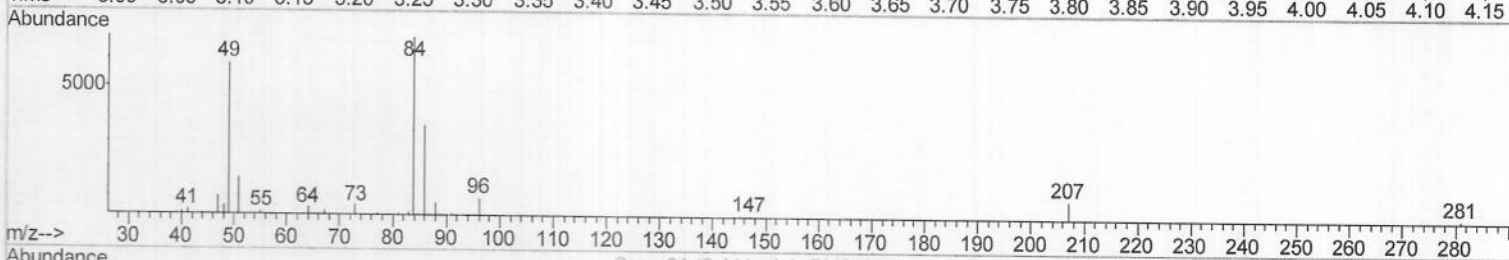
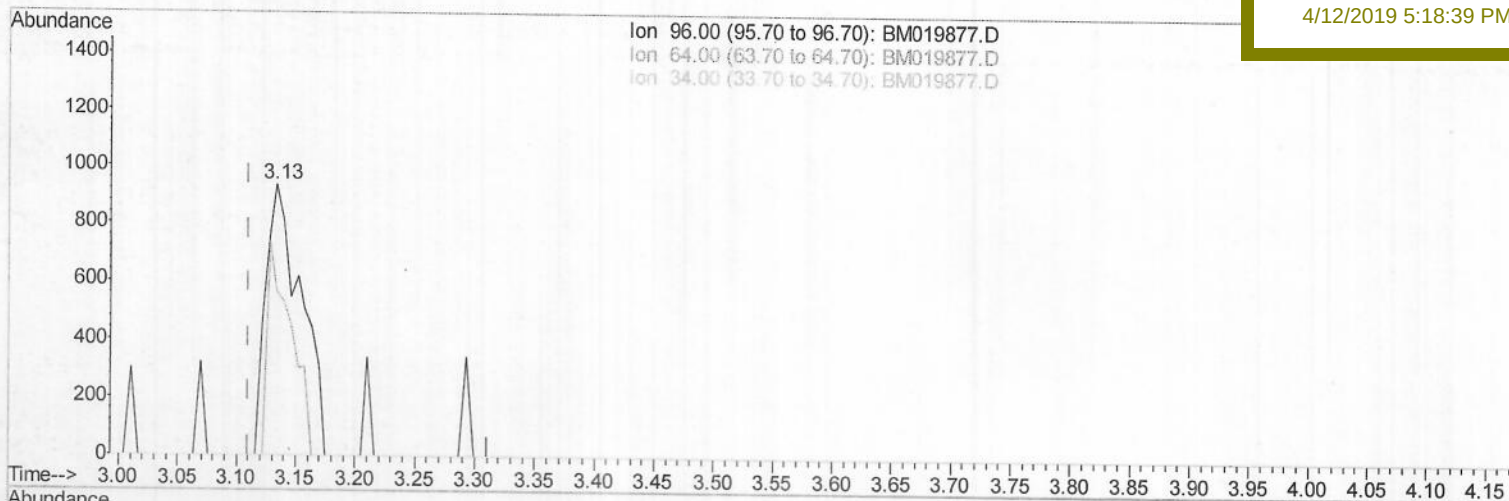
BFC20DL

Manual Integrations

APPROVED

Sohil

4/12/2019 5:18:39 PM



TIC: BM019877.D

(3) 1,4-Dioxane-d8 (S)

3.134min (+0.024) 0.59ng/uL m

response 1904

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	60.56
34.00	0.00	0.00
0.00	0.00	0.00

SJ
04/11/19

Quantitation Report (Qedit)

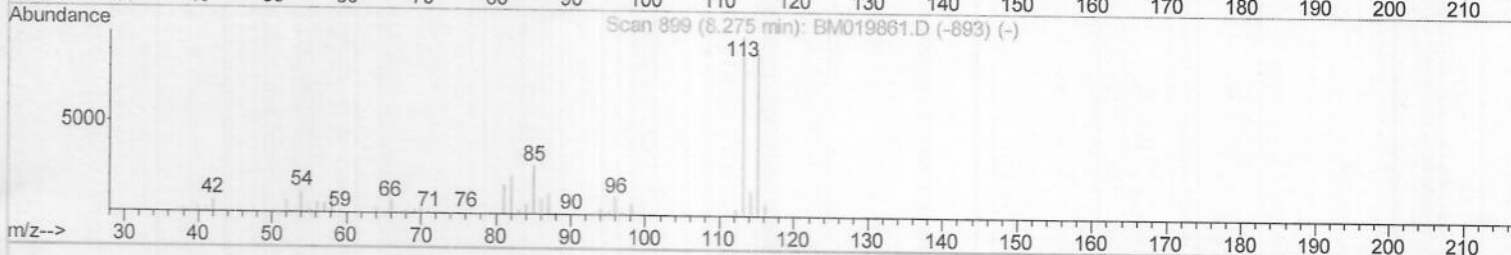
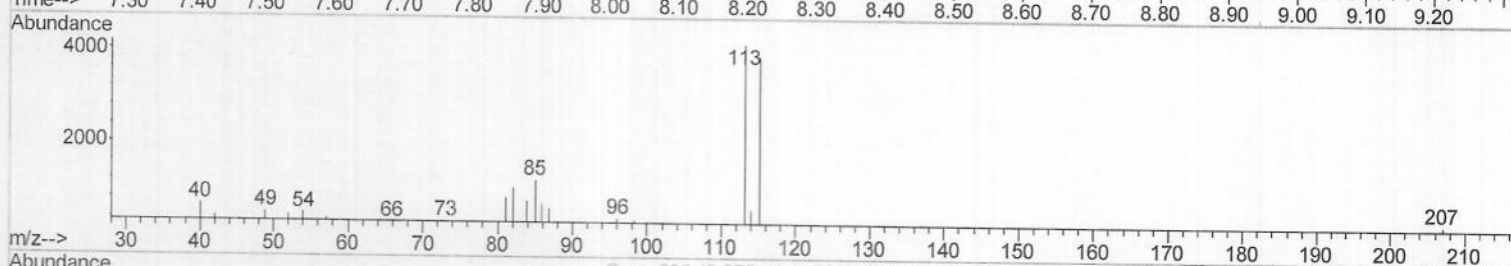
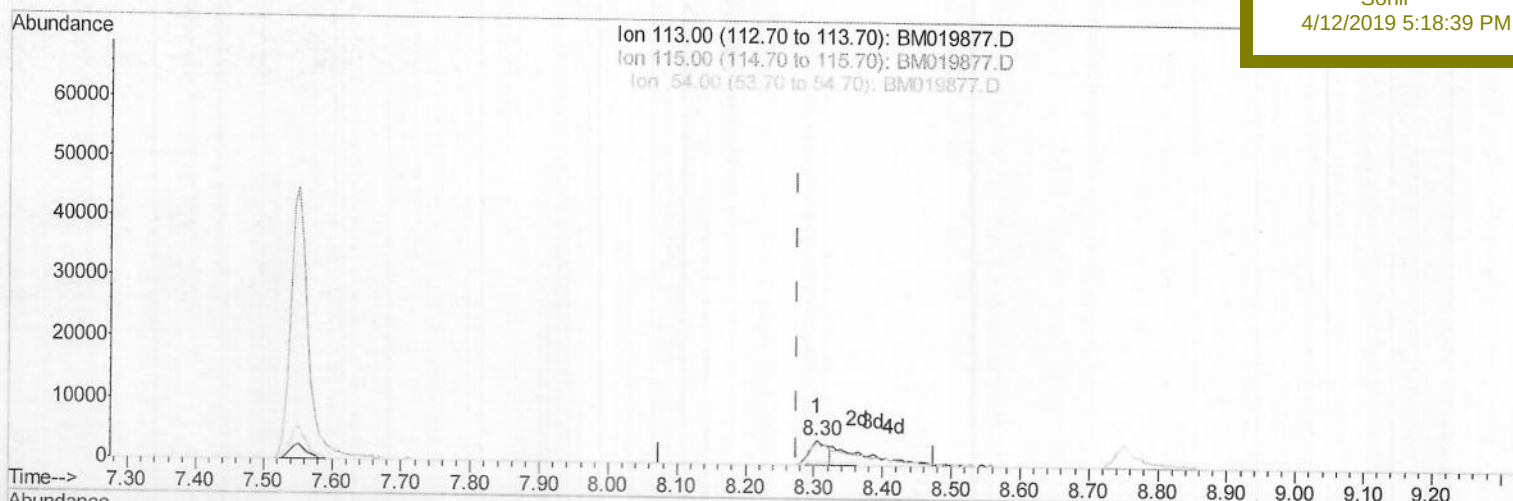
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019877.D
 Acq On : 11 Apr 2019 00:00
 Operator : JU/SJ
 Sample : K2255-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 03:09:11 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BFC20DL

Manual Integrations
 APPROVED

Sohil
 4/12/2019 5:18:39 PM



TIC: BM019877.D

(13) 4-Methylphenol-d8 (S)
 8.304min (+0.029) 0.86ng/ul
 response 7240

Ion	Exp%	Act%
113.00	100	100
115.00	89.70	93.97
54.00	13.30	11.62
0.00	0.00	0.00

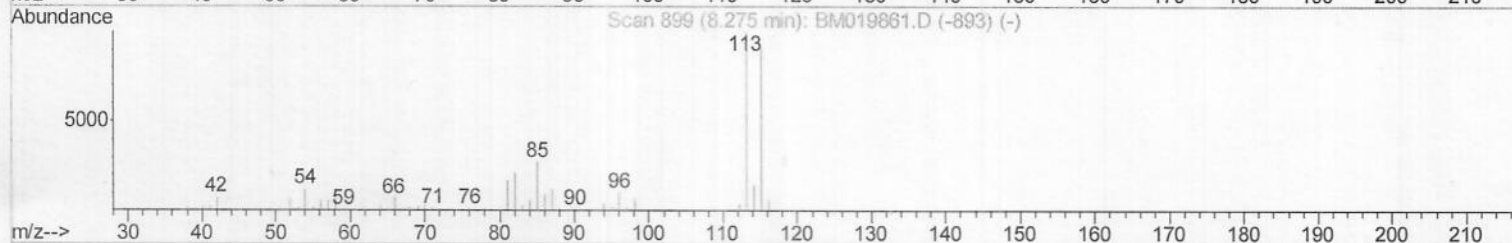
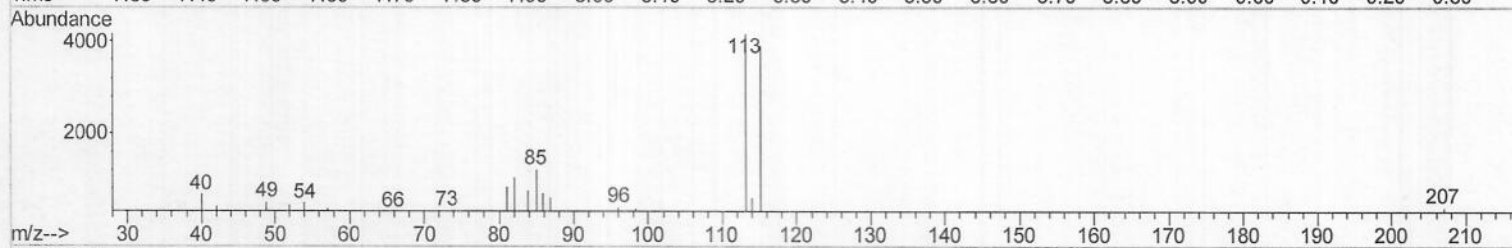
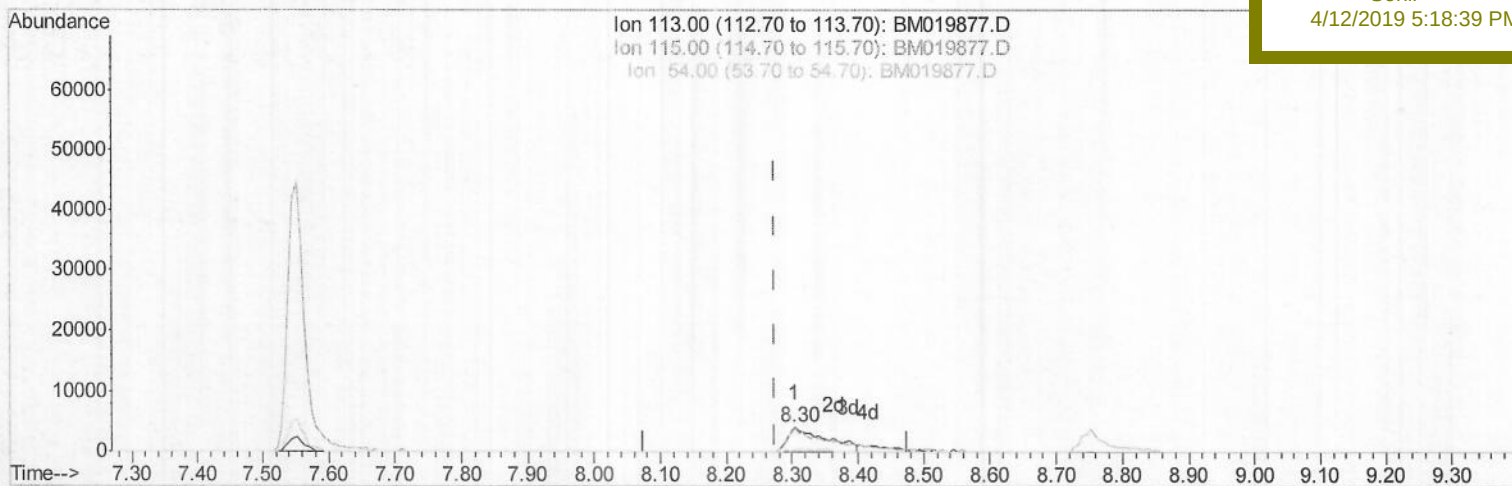
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019877.D
Acq On : 11 Apr 2019 00:00
Operator : JU/SJ
Sample : K2255-19DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 03:09:11 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFC20DL

Manual Integrations
APPROVED

Sohil
4/12/2019 5:18:39 PM



TIC: BM019877.D

(13) 4-Methylphenol-d8 (S)

8.304min (+0.029) 1.93ng/ul m

response 16233

Ion	Exp%	Act%
113.00	100	100
115.00	89.70	93.97
54.00	13.30	11.62
0.00	0.00	0.00

SJ
04/11/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\

Data File : BM019877.D

Acq On : 11 Apr 2019 00:00

Operator : JU/SJ

Sample : K2255-19DL 5X

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 11 03:09:11 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

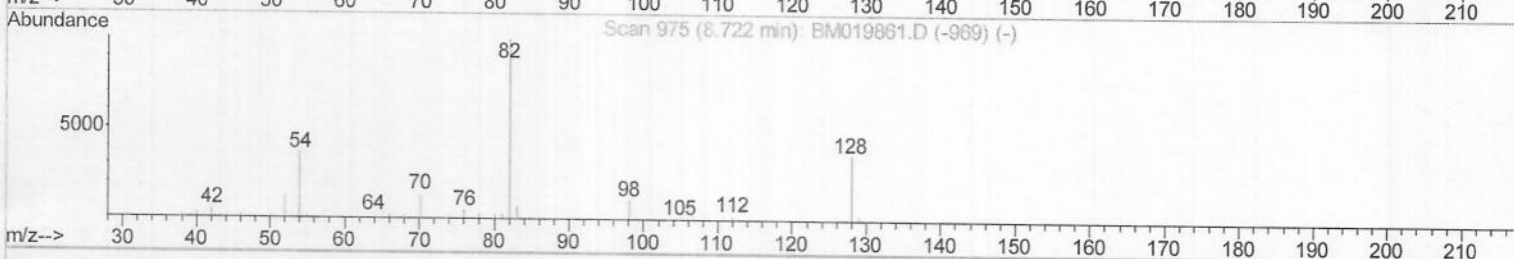
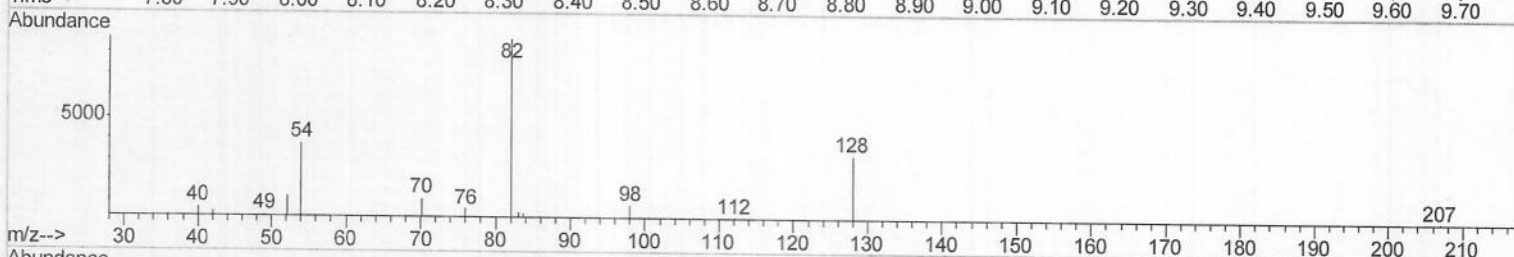
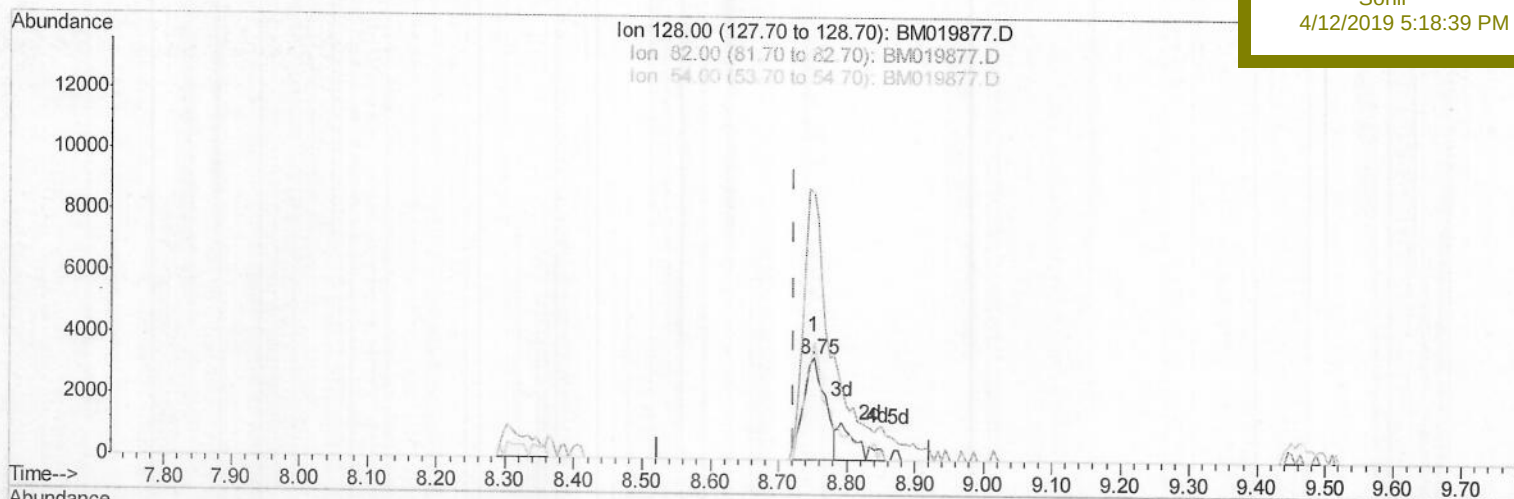
BFC20DL

Manual Integrations

APPROVED

Sohil

4/12/2019 5:18:39 PM



TIC: BM019877.D

(19) Nitrobenzene-d5 (S)

8.751min (+0.029) 1.96ng/ul

response 7080

Ion	Exp%	Act%
128.00	100	100
82.00	244.60	262.36
54.00	108.20	114.17
0.00	0.00	0.00

Quantitation Report (Qedit)

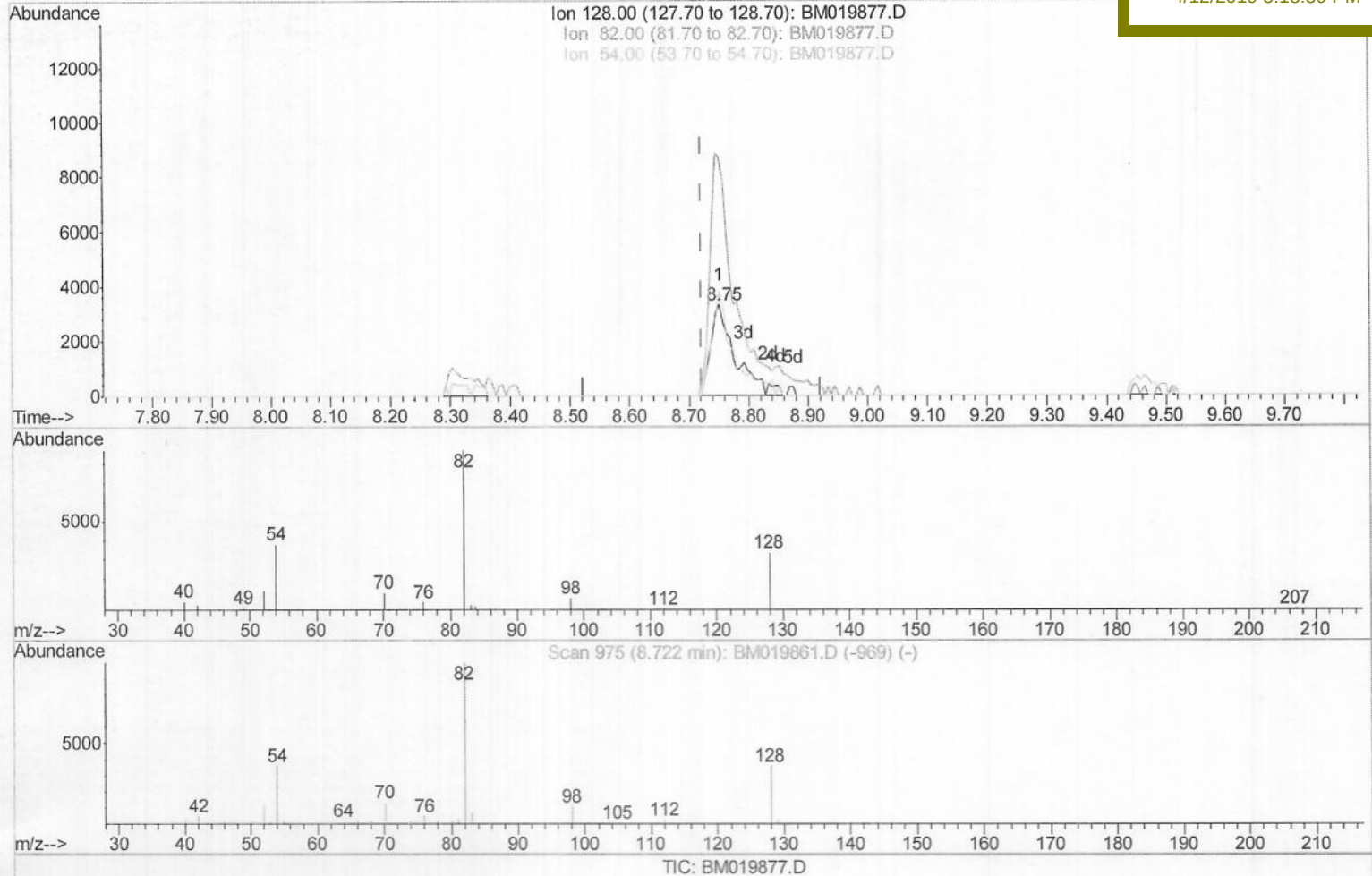
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019877.D
 Acq On : 11 Apr 2019 00:00
 Operator : JU/SJ
 Sample : K2255-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC20DL

Quant Time: Apr 11 03:24:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 03:09:11 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 4/12/2019 5:18:39 PM



(19) Nitrobenzene-d5 (S)

8.751min (+0.029) 2.52ng/ul m

response 9102

Ion	Exp%	Act%
128.00	100	100
82.00	244.60	262.36
54.00	108.20	114.17
0.00	0.00	0.00

SJ
 04/11/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\

Data File : BM019877.D

Acq On : 11 Apr 2019 00:00

Operator : JU/SJ

Sample : K2255-19DL 5X

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 11 03:09:11 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

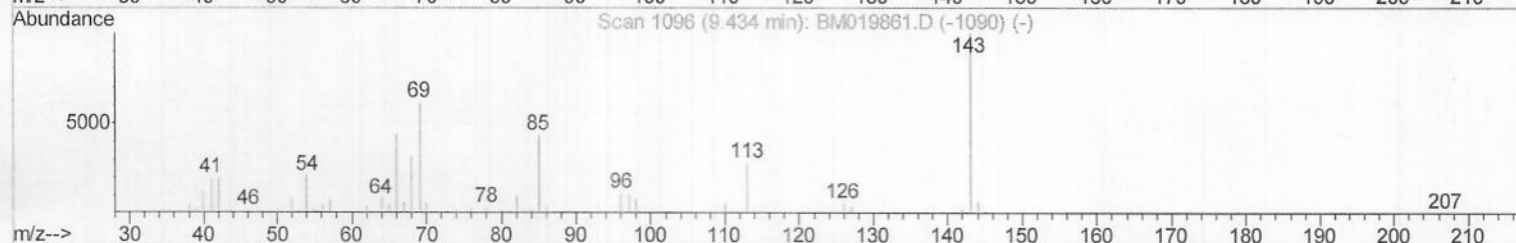
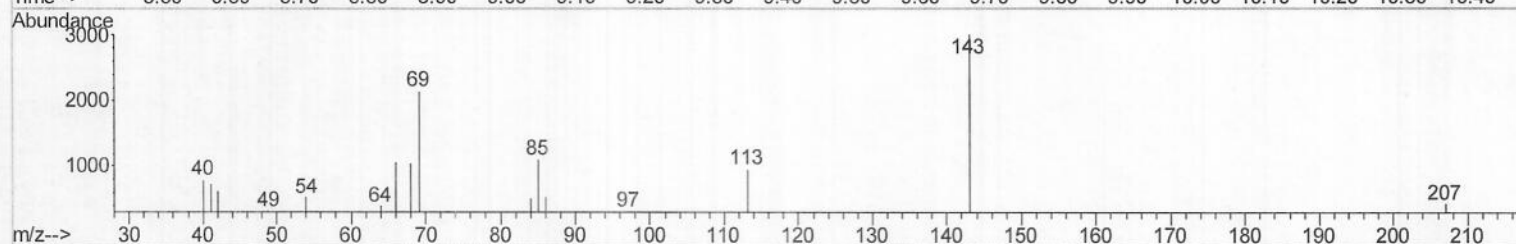
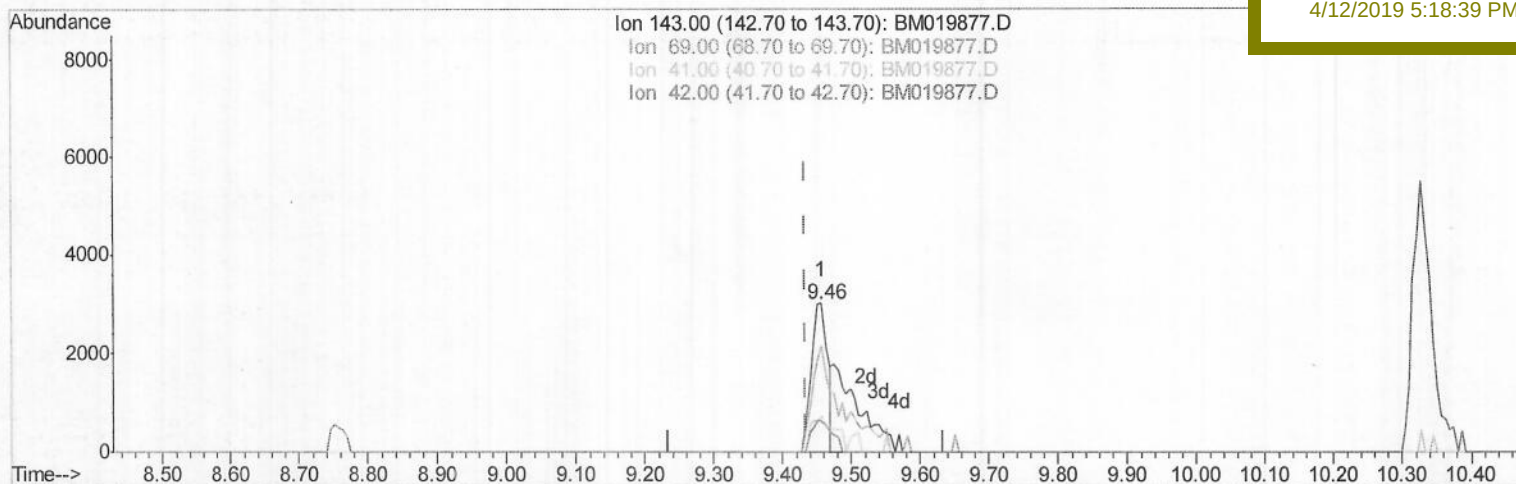
BFC20DL

Manual Integrations

APPROVED

Sohil

4/12/2019 5:18:39 PM



TIC: BM019877.D

(22) 2-Nitrophenol-d4 (S)

9.457min (+0.024) 1.24ng/ul

response 4977

Ion	Exp%	Act%
143.00	100	100
69.00	47.30	71.20#
41.00	18.80	24.04#
42.00	17.80	20.49

Quantitation Report (Qedit)

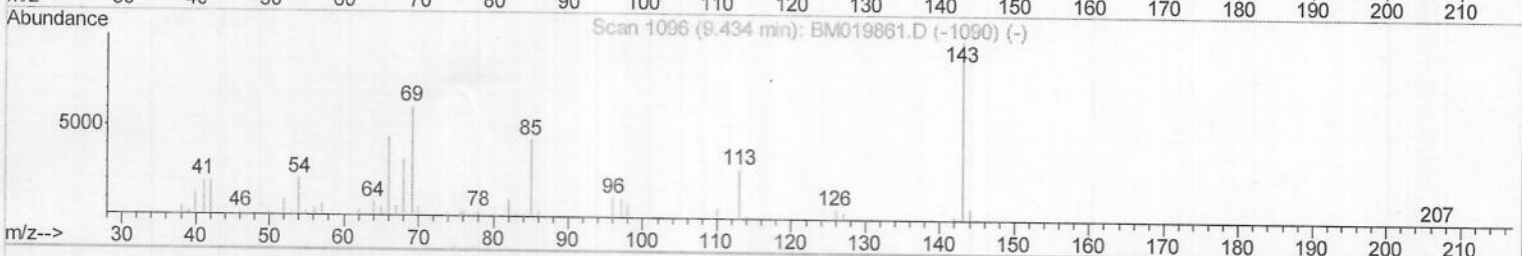
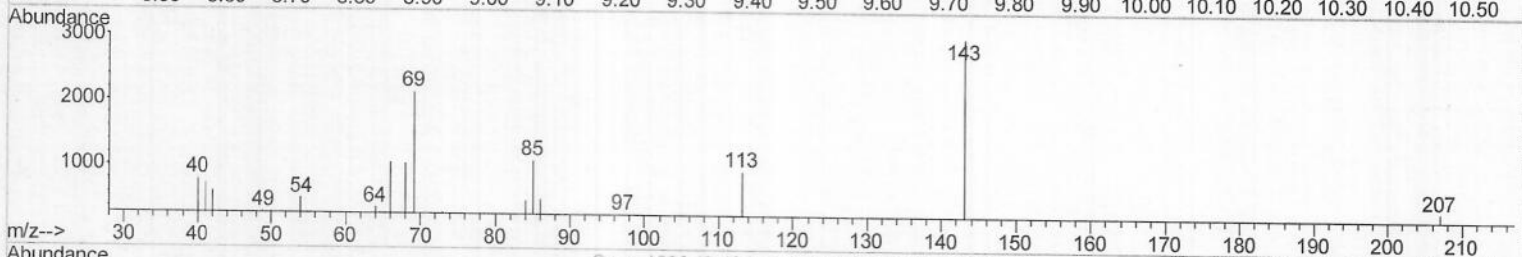
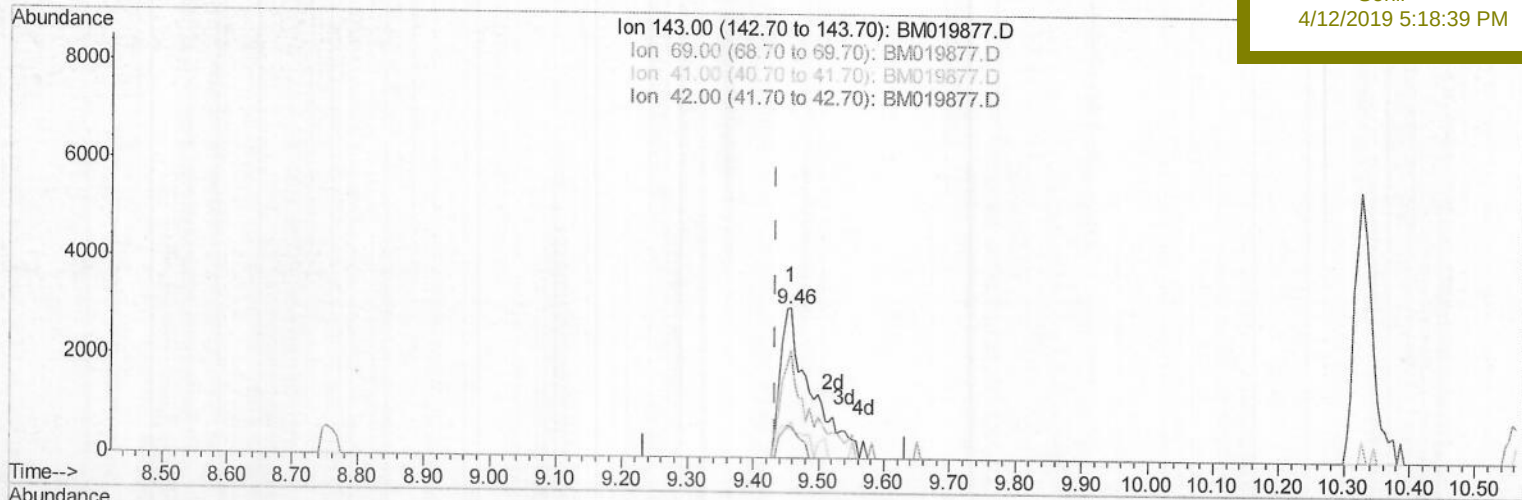
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019877.D
 Acq On : 11 Apr 2019 00:00
 Operator : JU/SJ
 Sample : K2255-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 03:09:11 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BFC20DL

Manual Integrations
 APPROVED

Sohil
 4/12/2019 5:18:39 PM



TIC: BM019877.D

(22) 2-Nitrophenol-d4 (S)

9.457min (+0.024) 2.41ng/ul m

response 9681

Ion	Exp%	Act%
143.00	100	100
69.00	47.30	71.20#
41.00	18.80	24.04#
42.00	17.80	20.49

Handwritten: SJ
 04/11/19

Quantitation Report (Qedit)

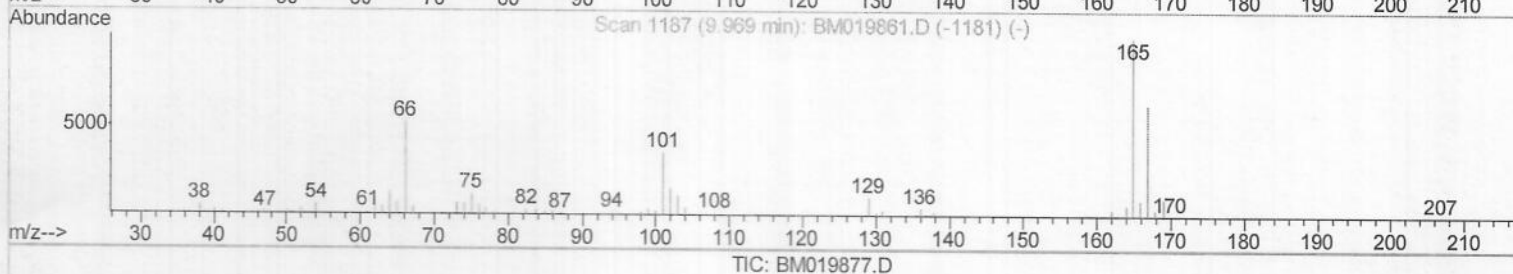
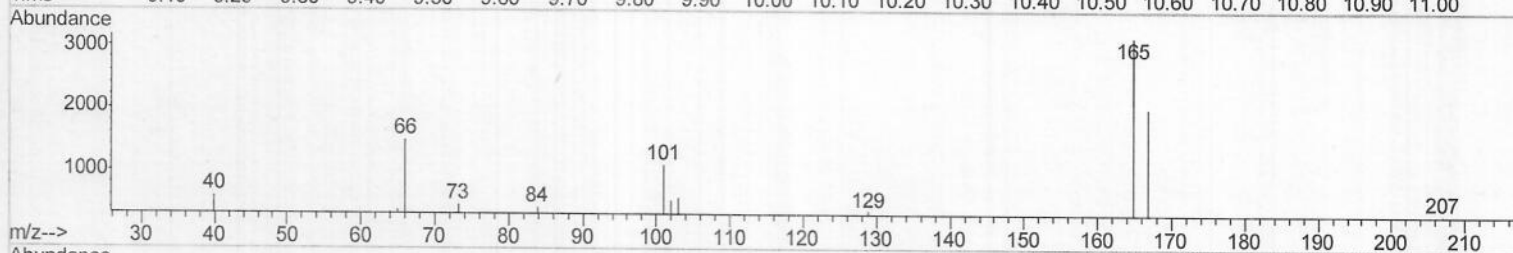
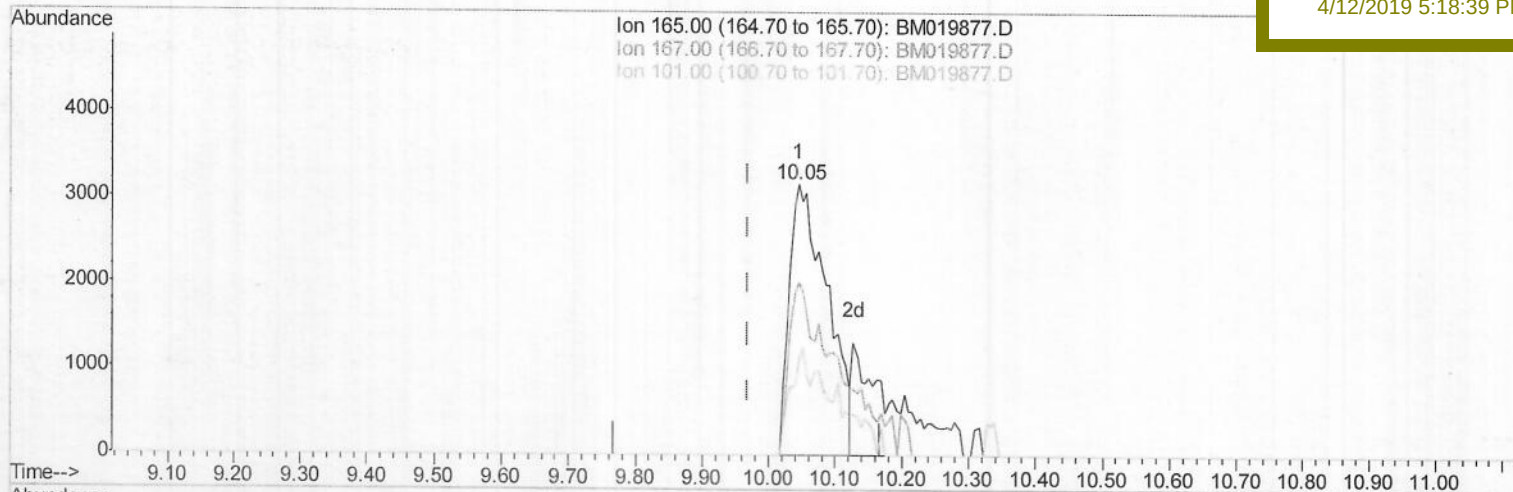
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019877.D
 Acq On : 11 Apr 2019 00:00
 Operator : JU/SJ
 Sample : K2255-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 03:09:11 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BFC20DL

Manual Integrations
 APPROVED

Sohil
 4/12/2019 5:18:39 PM



(26) 2,4-Dichlorophenol-d3 (S)

10.045min (+0.076) 1.66ng/ul

response 12558

Ion	Exp%	Act%
165.00	100	100
167.00	69.50	63.54
101.00	31.20	34.94
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\

Data File : BM019877.D

Acq On : 11 Apr 2019 00:00

Operator : JU/SJ

Sample : K2255-19DL 5X

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 11 03:09:11 2019

Response via : Initial Calibration

Instrument :

BNA_M

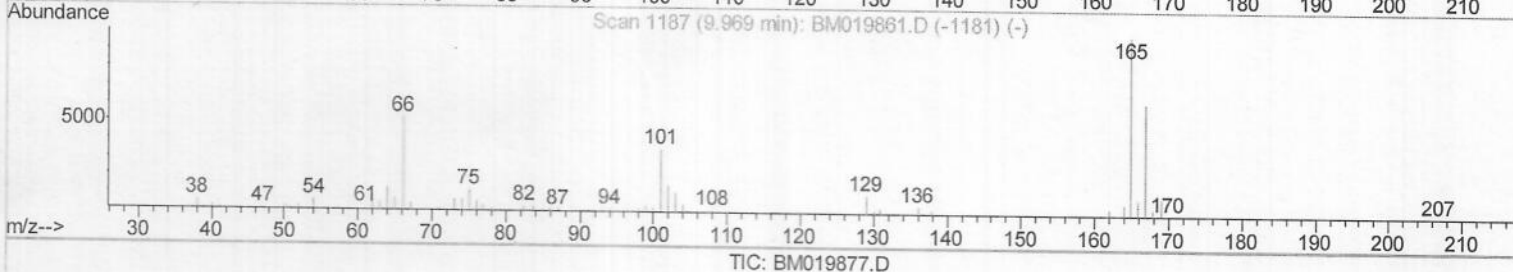
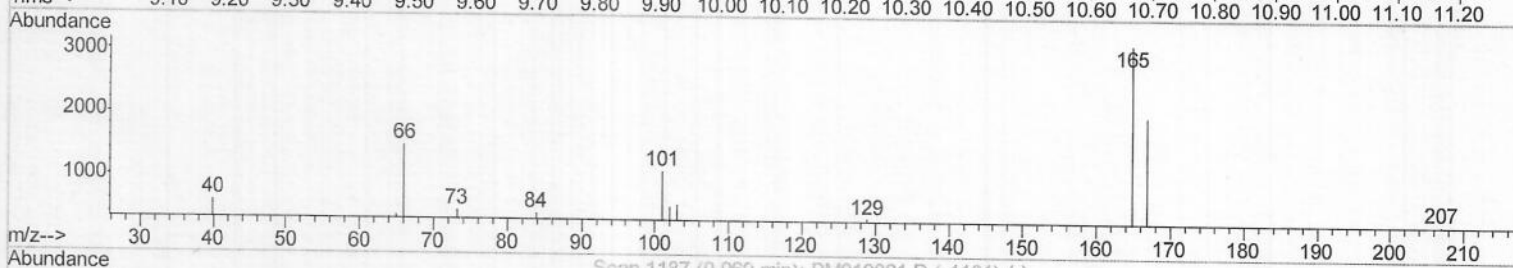
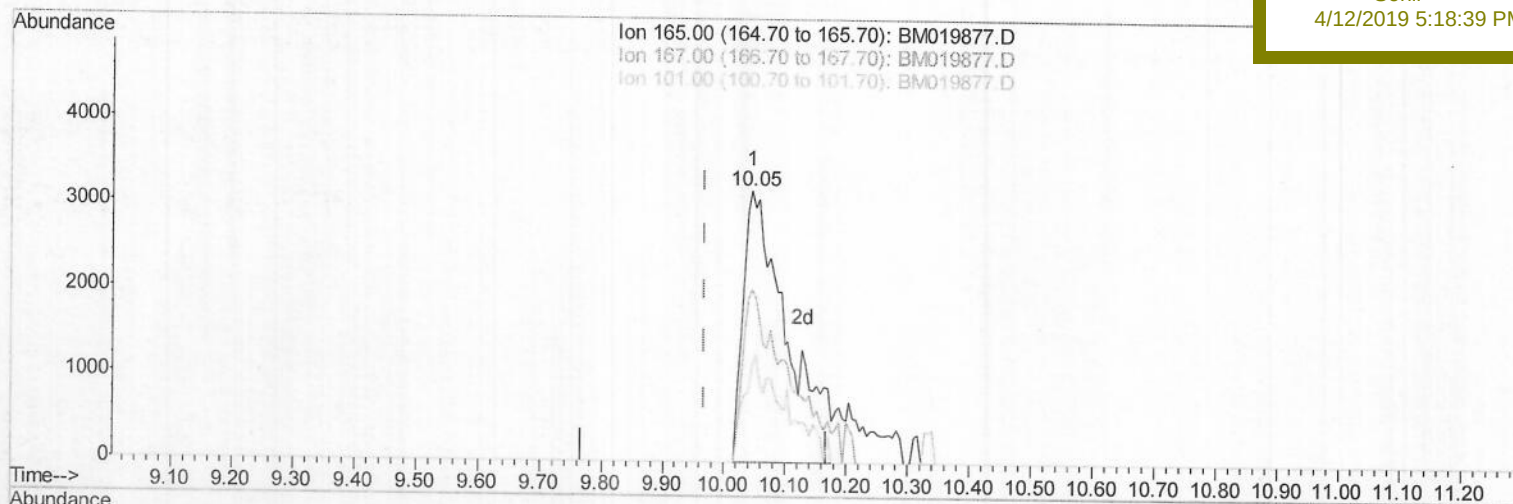
ClientSampleId :

BFC20DL

Manual Integrations
APPROVED

Sohil

4/12/2019 5:18:39 PM



(26) 2,4-Dichlorophenol-d3 (S)

10.045min (+0.076) 2.41ng/ul m

response 18275

Ion Exp% Act%

165.00 100 100

167.00 69.50 63.54

101.00 31.20 34.94

0.00 0.00 0.00

SJ
04/11/19

Quantitation Report (Qedit)

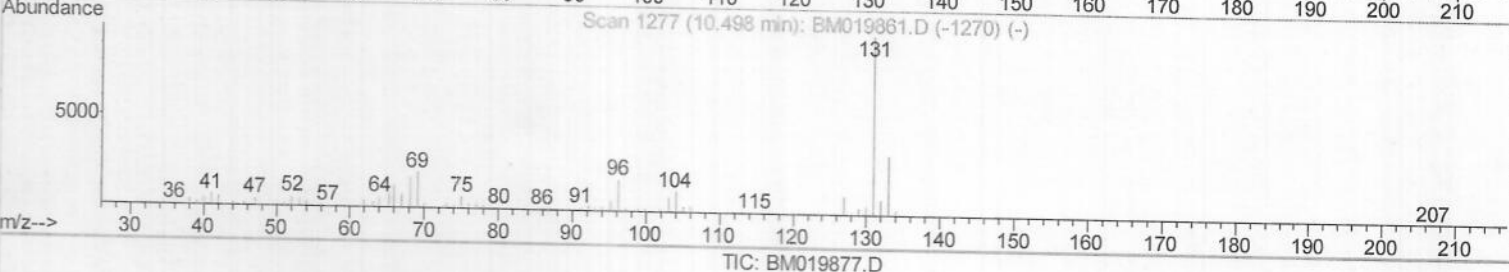
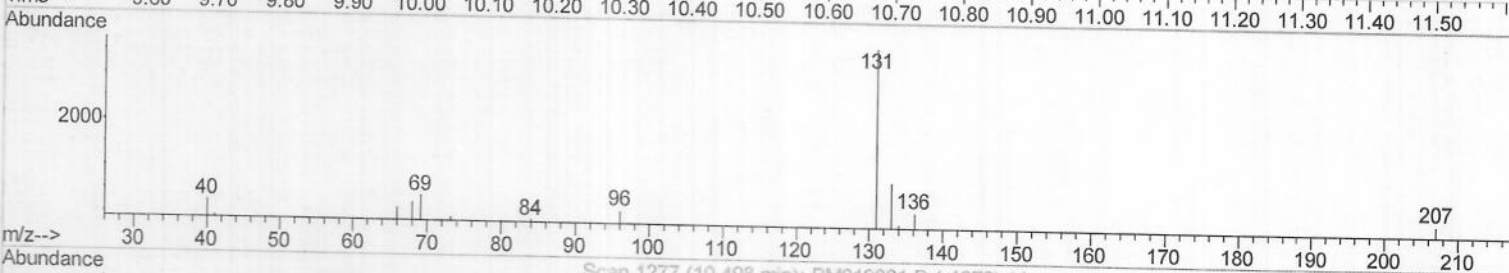
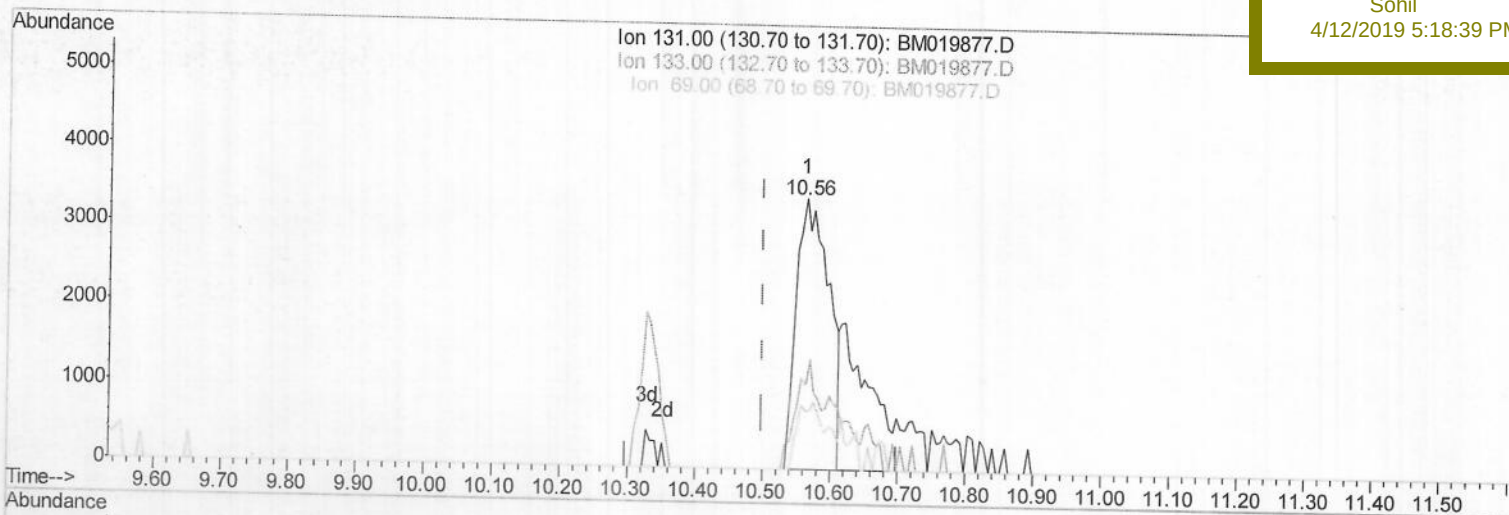
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019877.D
 Acq On : 11 Apr 2019 00:00
 Operator : JU/SJ
 Sample : K2255-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 03:09:11 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BFC20DL

Manual Integrations
 APPROVED

Sohil
 4/12/2019 5:18:39 PM



(29) 4-Chloroaniline-d4 (S)
 10.563min (+0.065) 1.25ng/ul
 response 11337

Ion	Exp%	Act%
131.00	100	100
133.00	33.90	31.38
69.00	18.60	21.34
0.00	0.00	0.00

Quantitation Report (Qedit)

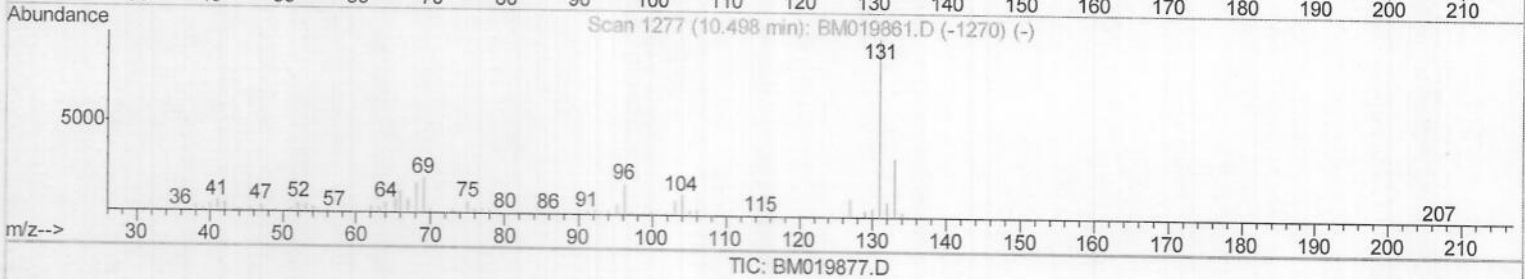
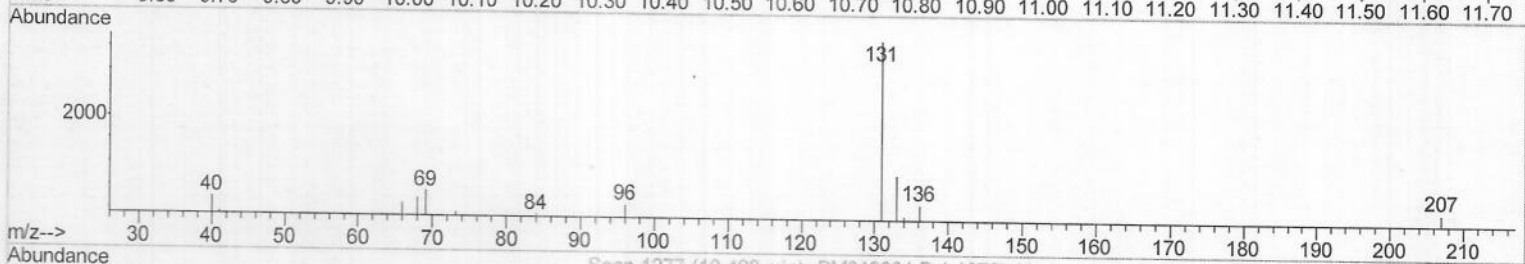
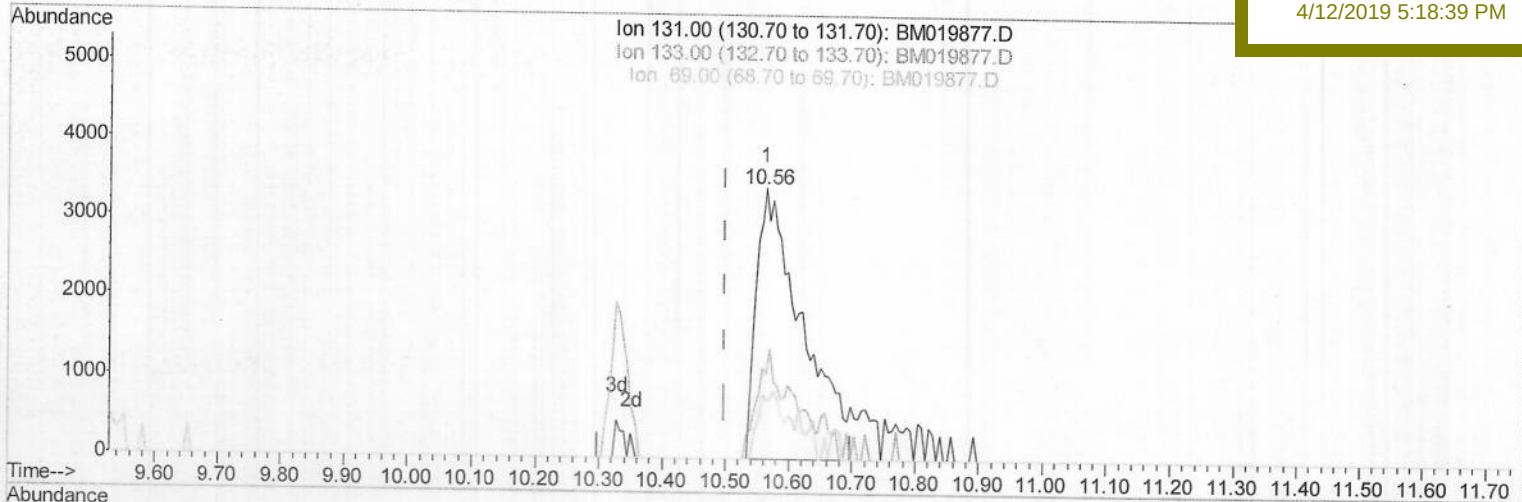
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019877.D
 Acq On : 11 Apr 2019 00:00
 Operator : JU/SJ
 Sample : K2255-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 03:09:11 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BFC20DL

Manual Integrations
 APPROVED

Sohil
 4/12/2019 5:18:39 PM



(29) 4-Chloroaniline-d4 (S)

10.563min (+0.065) 2.02ng/ul m

response 18402

Ion	Exp%	Act%
131.00	100	100
133.00	33.90	31.38
69.00	18.60	21.34
0.00	0.00	0.00

57
 04/11/19

Quantitation Report (Qedit)

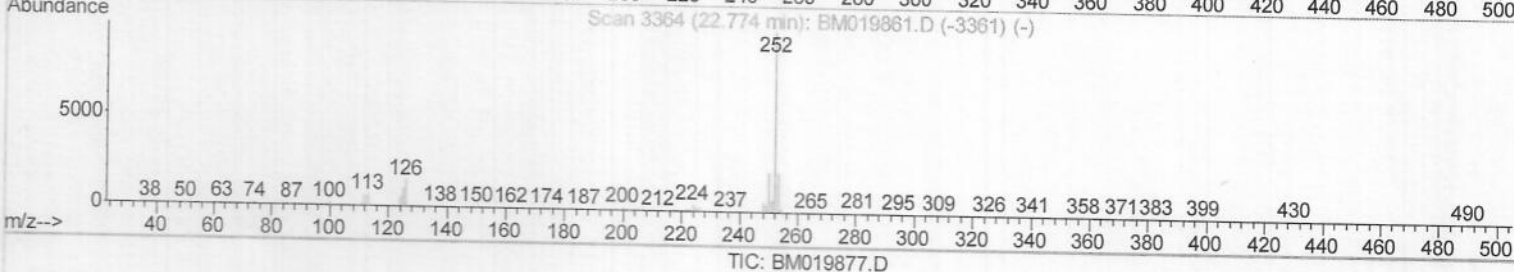
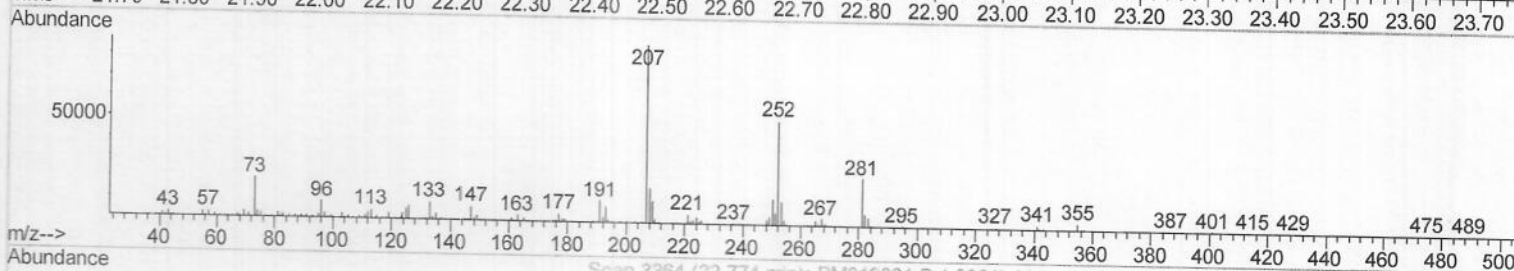
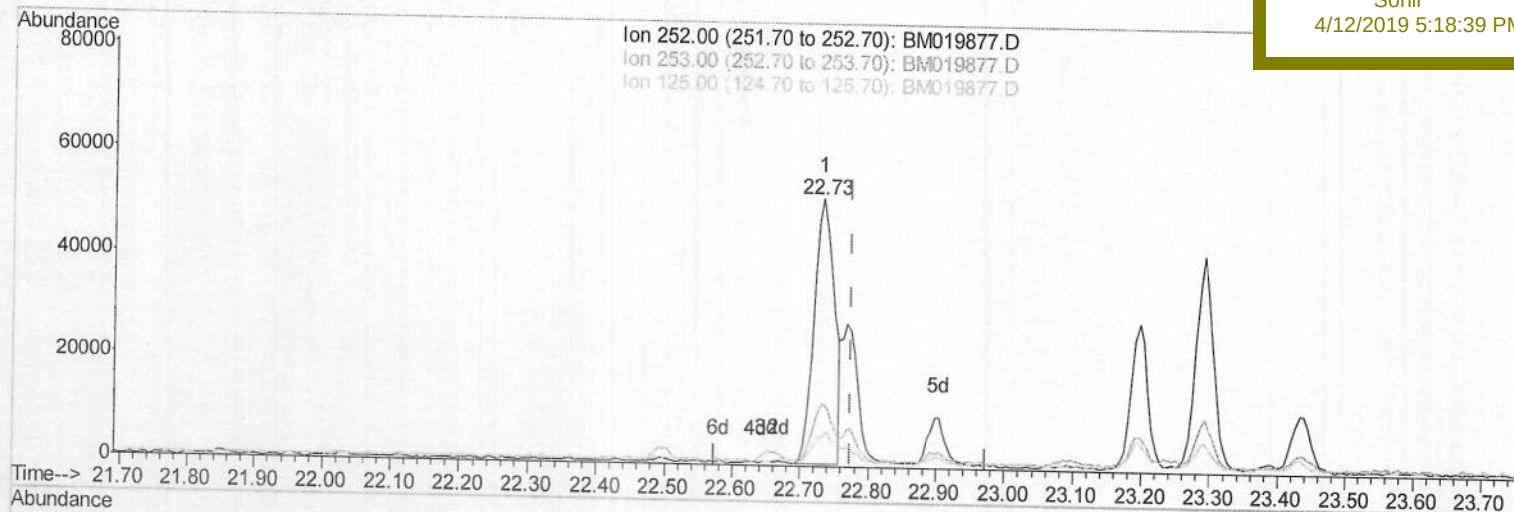
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019877.D
 Acq On : 11 Apr 2019 00:00
 Operator : JU/SJ
 Sample : K2255-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 03:09:11 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 BFC20DL

Manual Integrations
APPROVED

Sohil
 4/12/2019 5:18:39 PM



(89) Benzo(k)fluoranthene

22.733min (-0.041) 2.98ng/ul

response 107372

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.05
125.00	6.70	10.91#
0.00	0.00	0.00

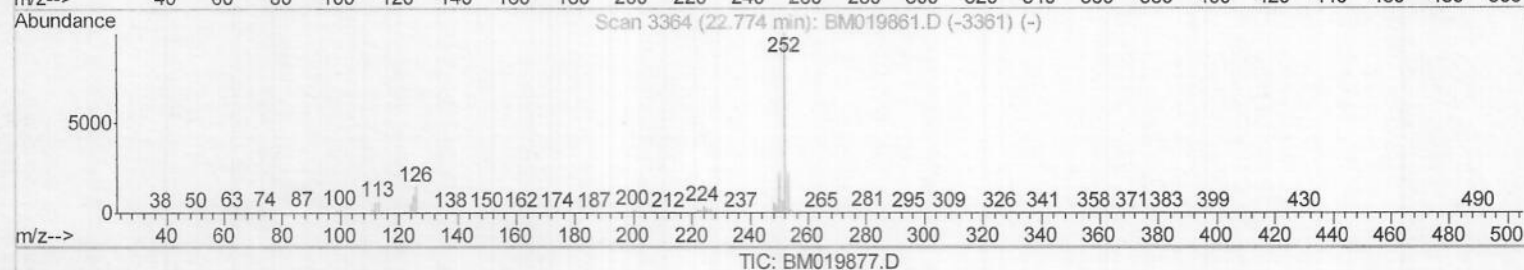
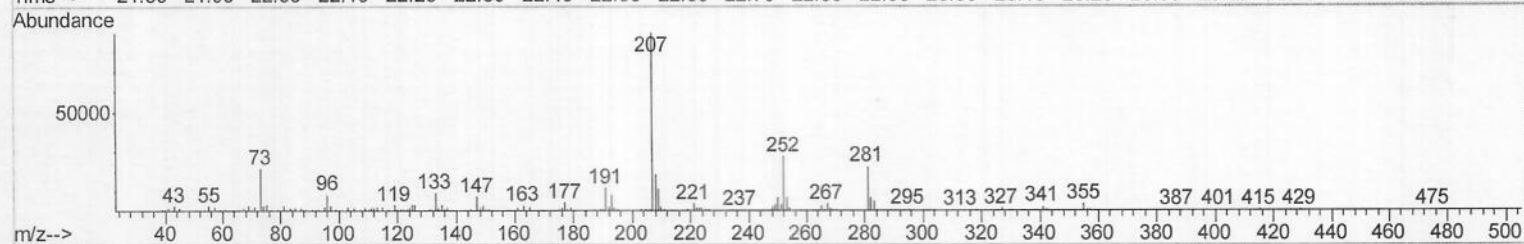
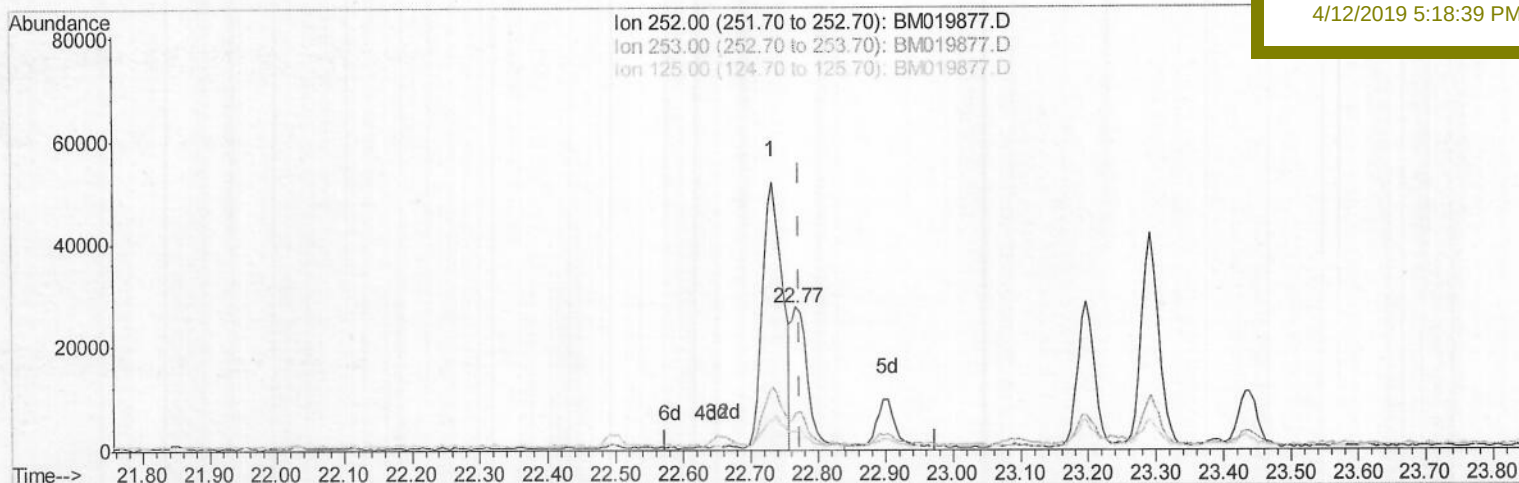
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019877.D
Acq On : 11 Apr 2019 00:00
Operator : JU/SJ
Sample : K2255-19DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 03:24:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 03:09:11 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BFC20DL

Manual Integrations
APPROVED

Sohil
4/12/2019 5:18:39 PM



(89) Benzo(k)fluoranthene

22.768min (-0.006) 1.31ng/ul m

response 47247

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	26.12#
125.00	6.70	12.74#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019877.D
 Acq On : 11 Apr 2019 00:00
 Operator : JU/SJ
 Sample : K2255-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 04:47:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 03:09:11 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BFC20DL

Manual Integrations
 APPROVED

Sohil
 4/12/2019 5:18:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	125615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	505828	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	254606	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	491133	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	508850	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	615076	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1904m	0.59	ng/uL	0.02
5) Phenol-d5	6.79	99	22563	2.02	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.92	67	17961	2.40	ng/ul	0.02
9) 2-Chlorophenol-d4	7.10	132	21874	2.58	ng/ul	0.01
13) 4-Methylphenol-d8	8.30	113	16233m	1.93	ng/ul	0.03
19) Nitrobenzene-d5	8.75	128	9102m	2.52	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	9681m	2.41	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.05	165	18275m	2.41	ng/ul	0.08
29) 4-Chloroaniline-d4	10.56	131	18402m	2.02	ng/ul	0.06
44) Dimethylphthalate-d6	13.65	166	61153	2.98	ng/ul	0.01
47) Acenaphthylene-d8	13.91	160	71430	2.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.64	143	139	0.04	ng/ul	0.16
58) Fluorene-d10	15.23	176	52725	2.98	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	349	0.11	ng/ul	0.03
71) Anthracene-d10	17.08	188	72372	3.07	ng/ul	0.00
79) Pyrene-d10	19.39	212	73390	3.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	88318	2.71	ng/ul	0.00

Target Compounds

					Qvalue	
70) Phenanthrene	17.02	178	113115	4.062	ng/ul	99
77) Fluoranthene	19.05	202	177243	5.555	ng/ul#	88
80) Pyrene	19.42	202	149110	4.871	ng/ul#	85
81) Butylbenzylphthalate	20.32	149	28836	2.379	ng/ul#	88
83) Benzo(a)anthracene	21.17	228	82879	2.706	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	439460	25.014	ng/ul#	96
85) Chrysene	21.23	228	75920	2.583	ng/ul	96
88) Benzo(b)fluoranthene	22.73	252	107372	2.866	ng/ul#	95
89) Benzo(k)fluoranthene	22.77	252	47247m	1.313	ng/ul	
91) Benzo(a)pyrene	23.29	252	72513	2.025	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.61	276	63217	1.409	ng/ul#	91
94) Benzo(g,h,i)perylene	26.29	276	51646	1.378	ng/ul#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed