

Quantitation Report (Qedit)

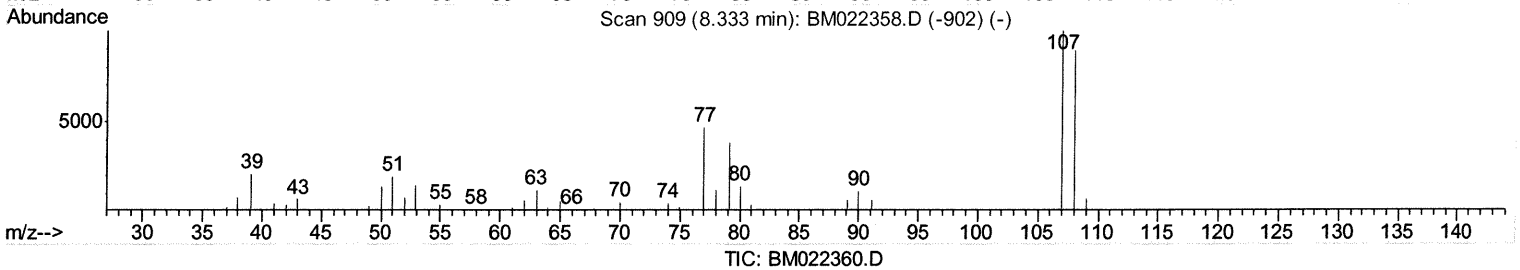
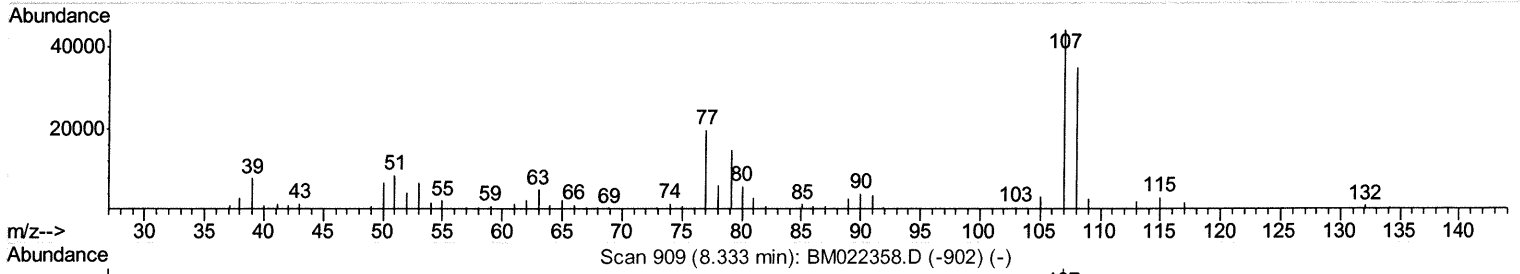
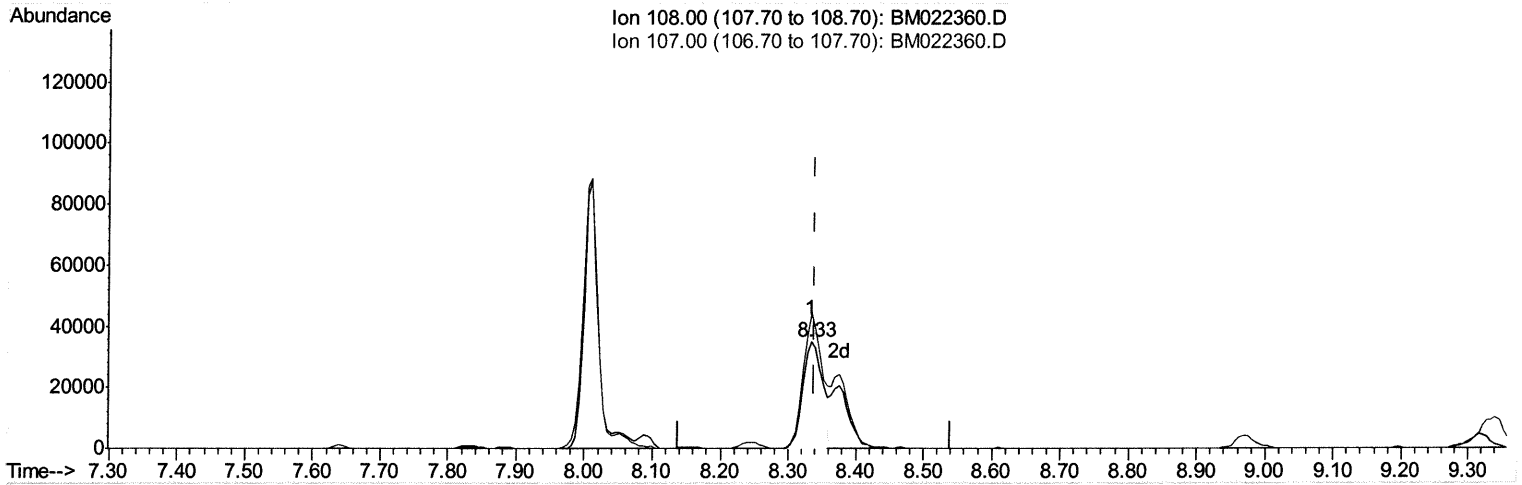
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022360.D
 Acq On : 27 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4414-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ9

Manual Integrations
 APPROVED

mohammad
 8/28/2019 10:11:46 AM

Quant Time: Aug 27 17:29:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration



(16) 4-Methylphenol

8.334min (-0.006) 24.86ng/ul

response 70405

Ion	Exp%	Act%
108.00	100	100
107.00	113.50	127.16
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

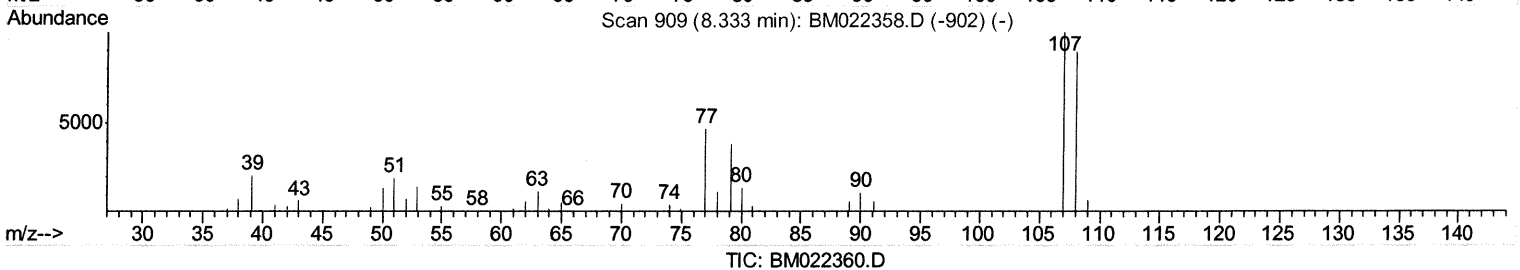
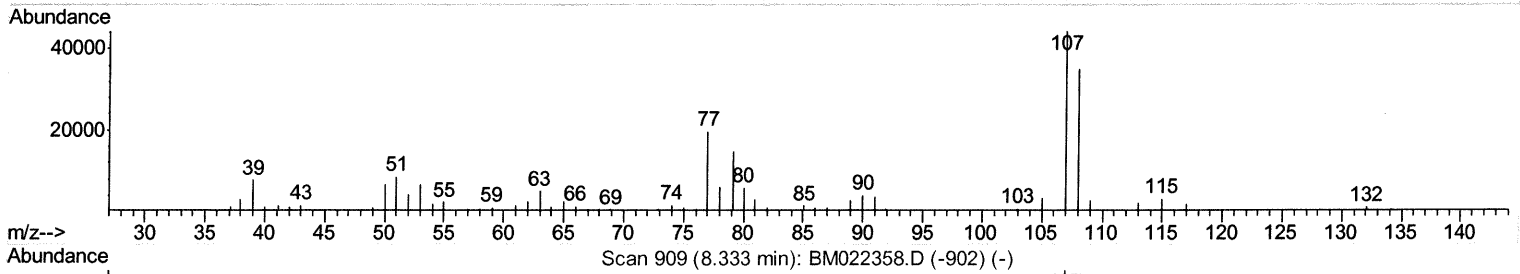
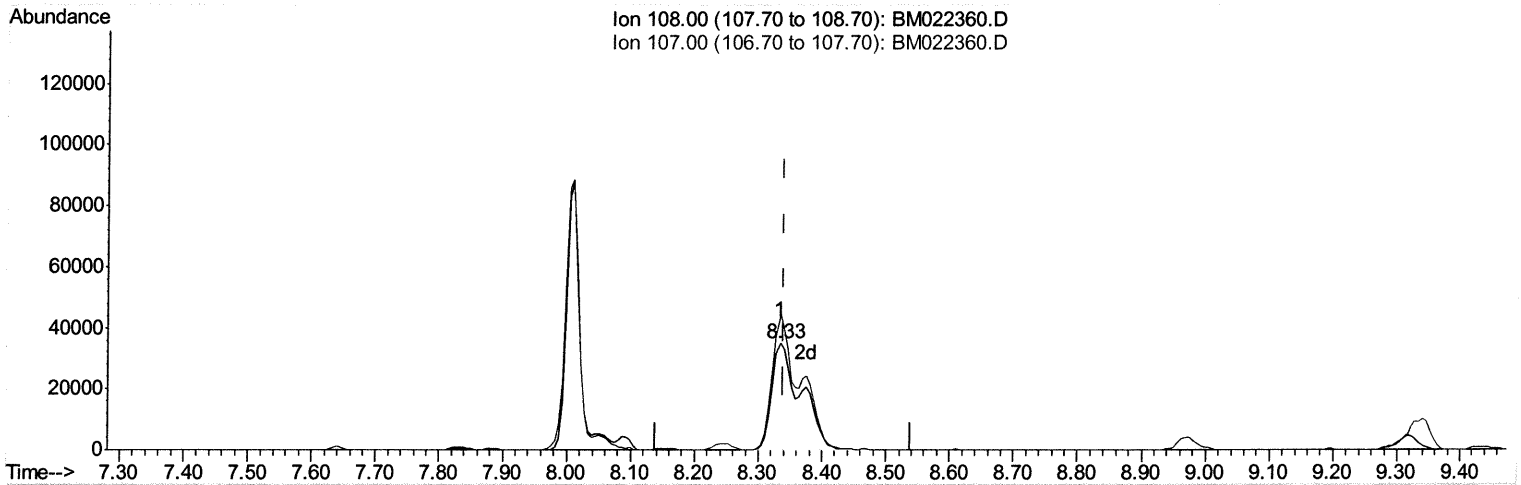
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022360.D
 Acq On : 27 Aug 2019 10:05
 Operator : HP/JU
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(16) 4-Methylphenol

8.334min (-0.006) 38.81ng/ul m

JU
08/28/19

response 109926

Ion	Exp%	Act%
108.00	100	100
107.00	113.50	127.16
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

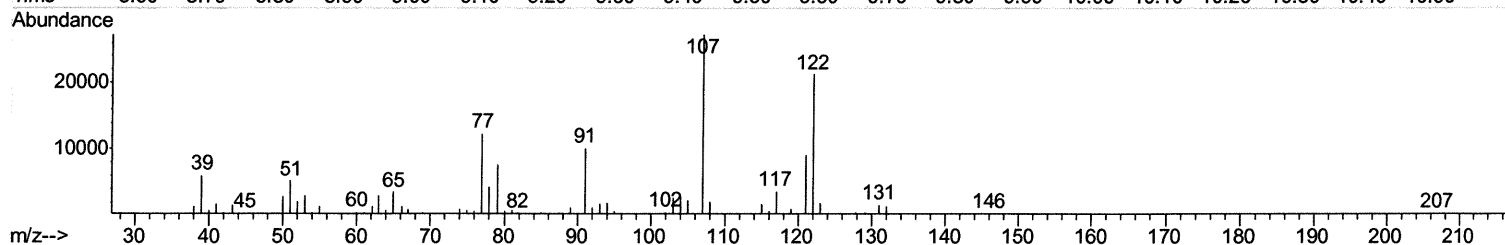
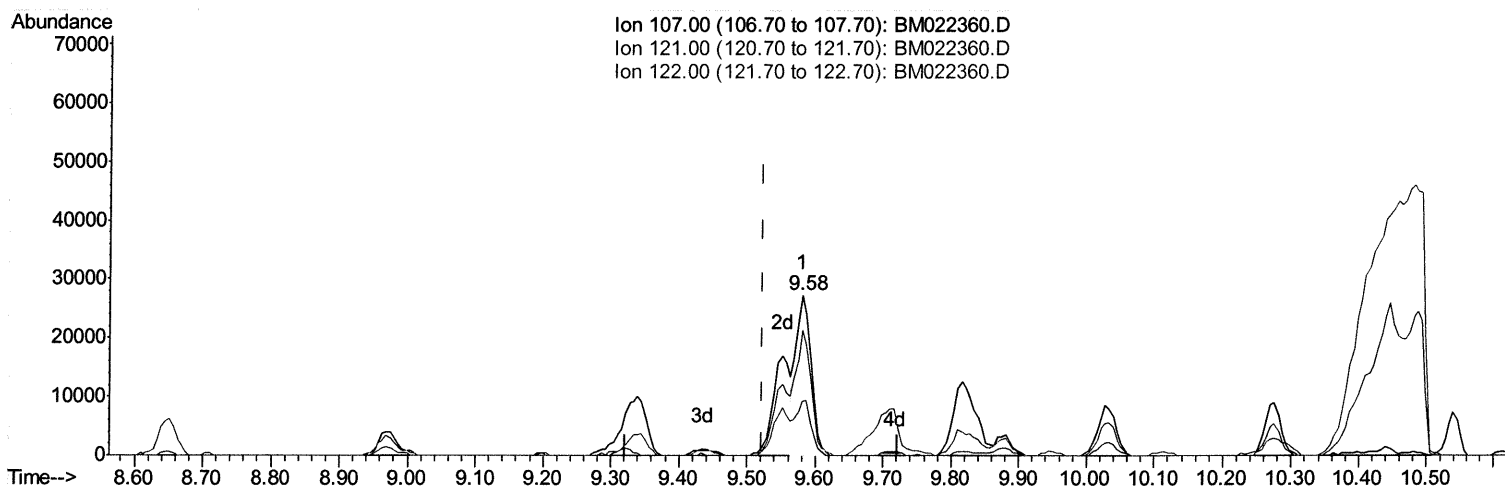
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022360.D
Acq On : 27 Aug 2019 10:05
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Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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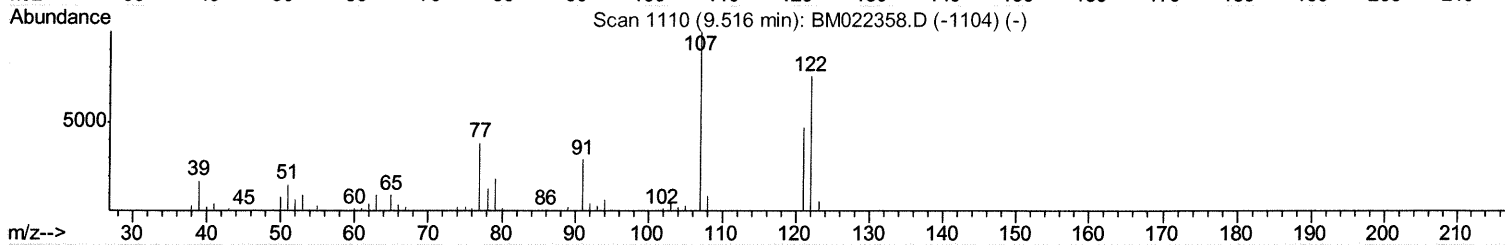
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mohammad
8/28/2019 10:11:46 AM

Quant Time: Aug 27 17:29:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
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Scan 1110 (9.516 min): BM022358.D (-1104) (-)



TIC: BM022360.D

(24) 2,4-Dimethylphenol

9.581min (+0.059) 6.65ng/ul

response 43017

Ion	Exp%	Act%
107.00	100	100
121.00	42.00	33.71
122.00	72.50	78.08
0.00	0.00	0.00

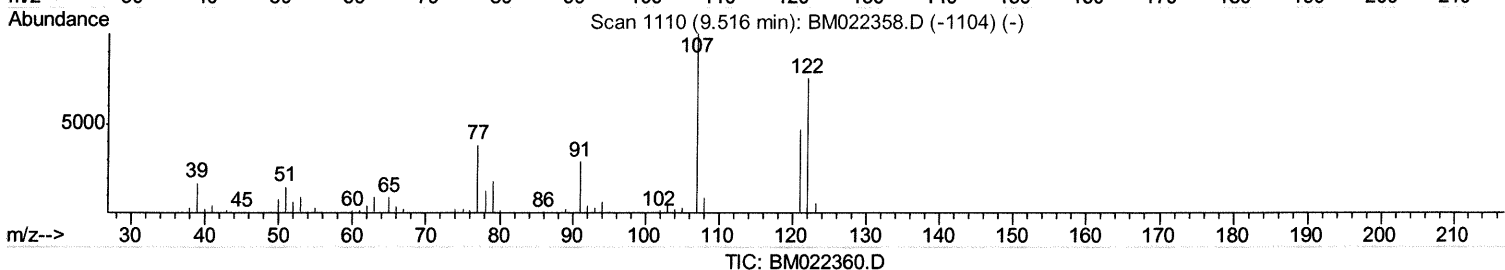
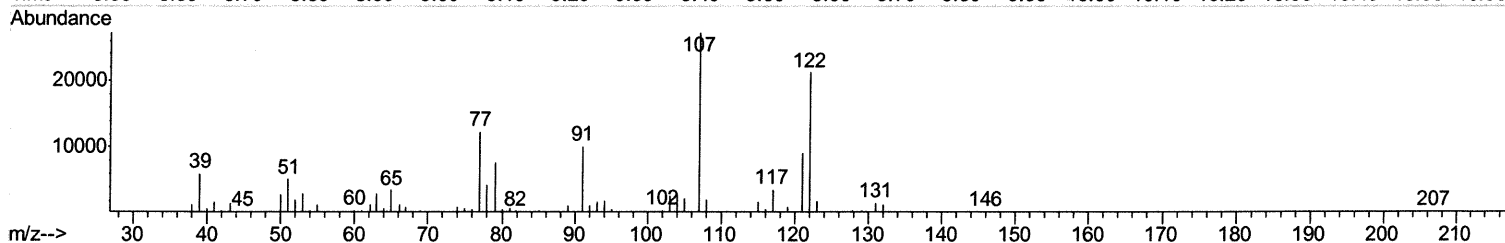
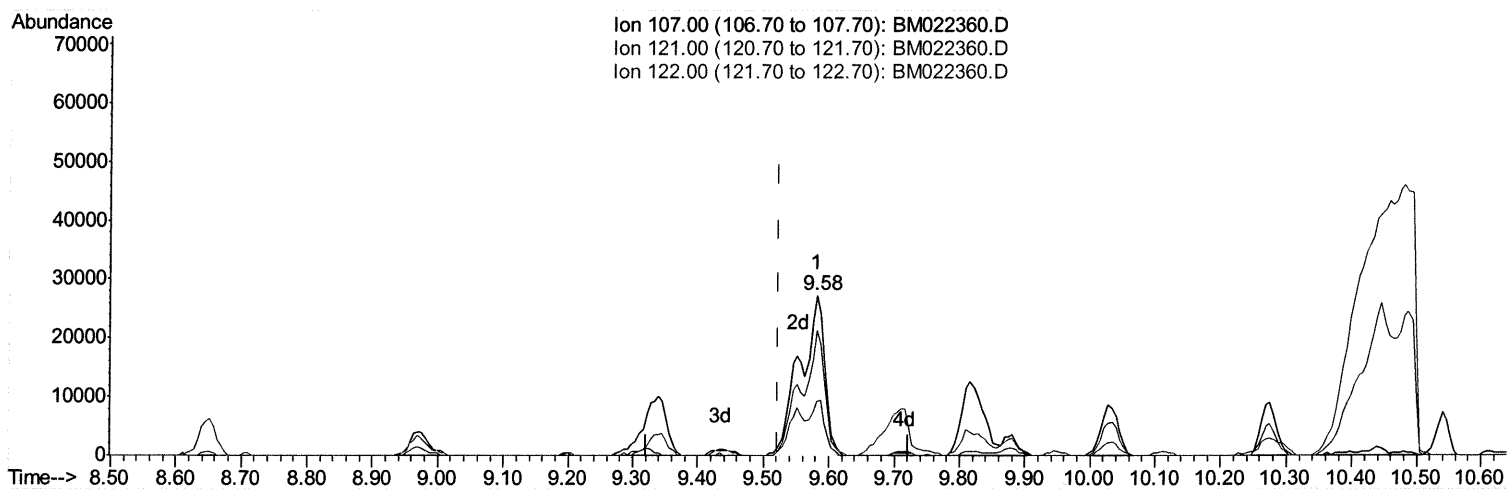
```
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\  
Data File : BM022360.D  
Acq On    : 27 Aug 2019 10:05  
Operator  : HP/JU  
Sample    : K4414-06  
Misc      :  
ALS Vial  : 38      Sample Multiplier: 1
```

Instrument :
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ClientSampleId :
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(24) 2,4-Dimethylphenol

9.581min (+0.059) 11.22ng/ul m

response 72634

Ion	Exp%	Act%
107.00	100	100
121.00	42.00	33.71
122.00	72.50	78.08
0.00	0.00	0.00

Quantitation Report (Qedit)

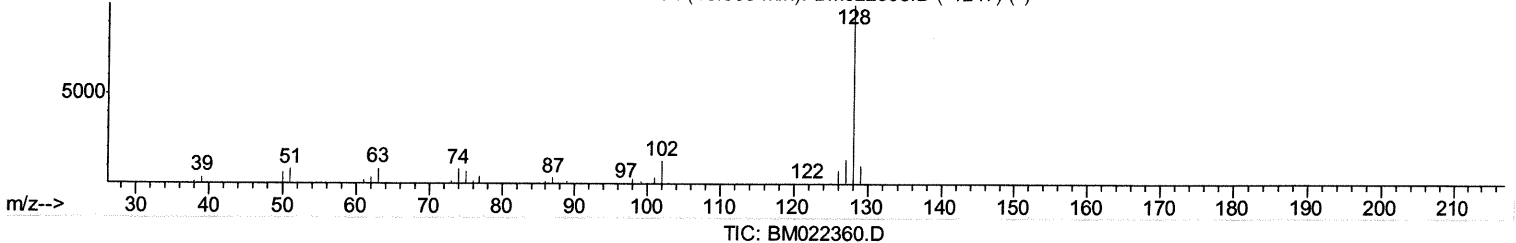
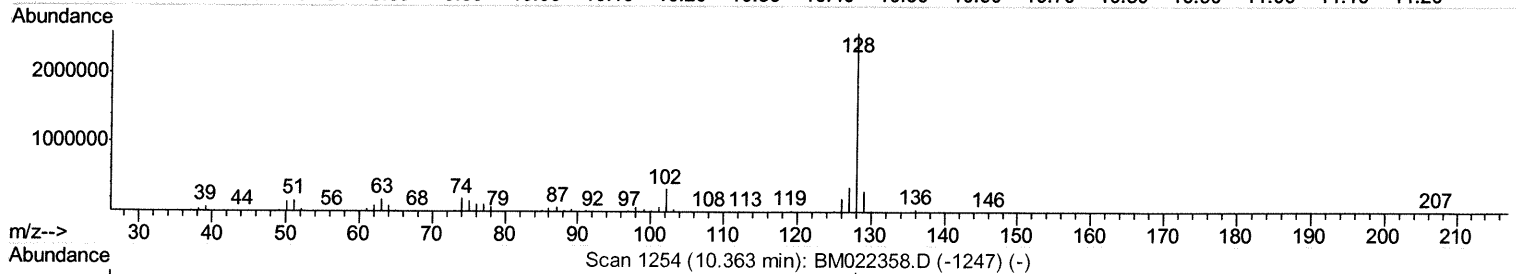
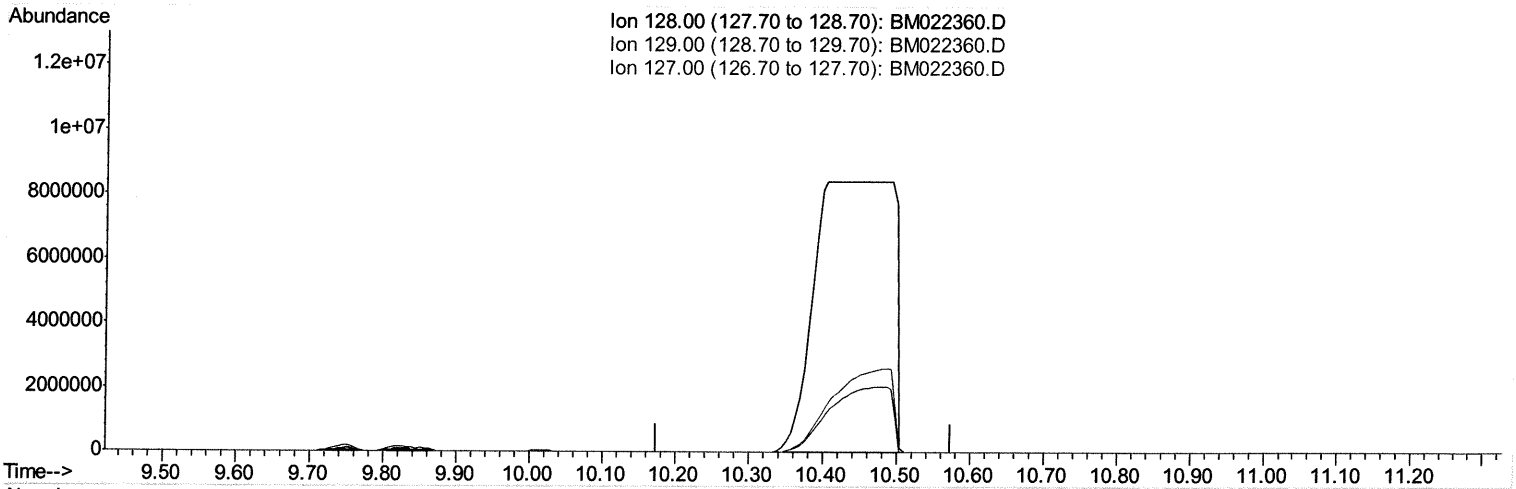
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
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(28) Naphthalene

10.375min (-10.375) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	10.80	0.00#
127.00	13.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

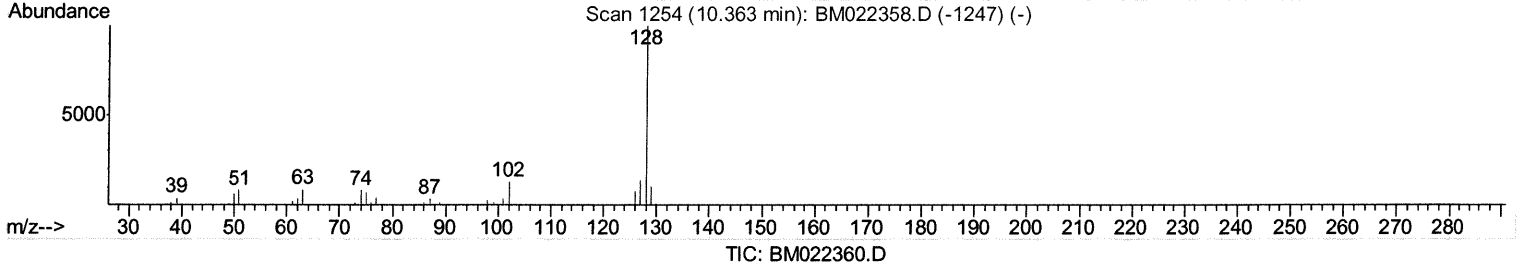
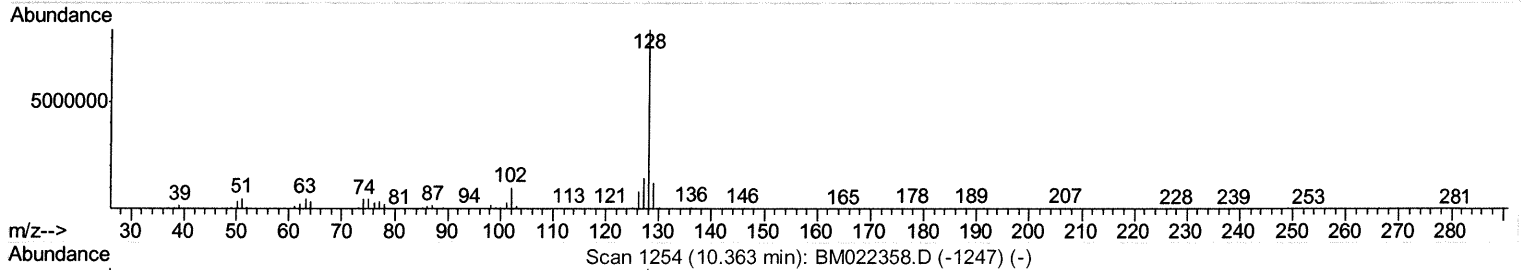
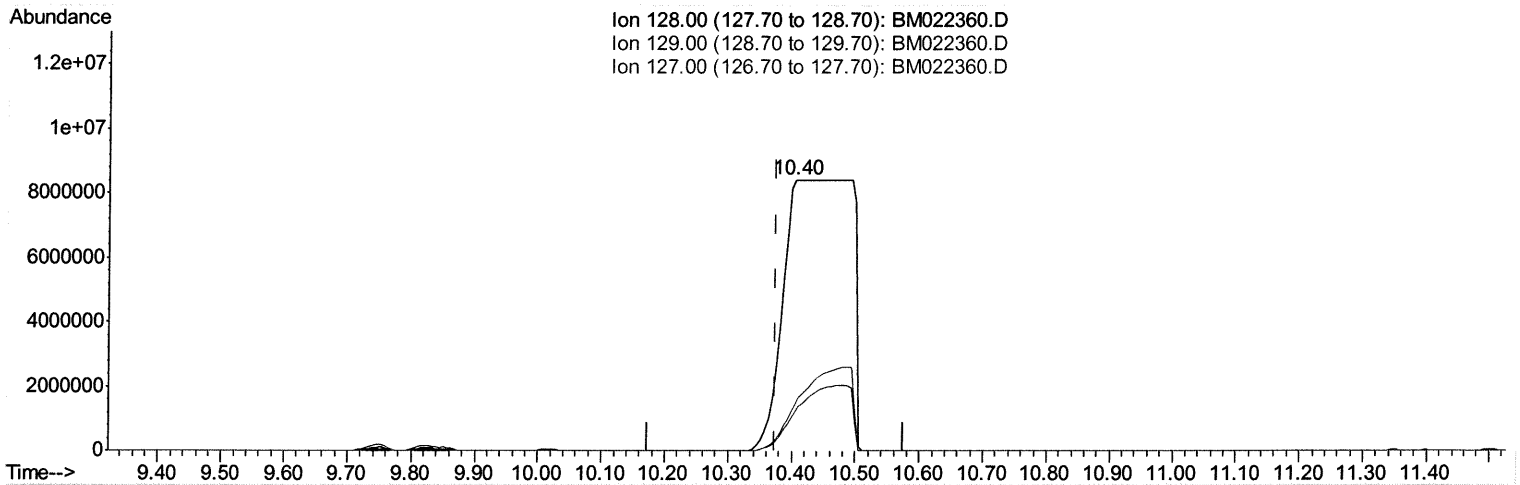
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022360.D
 Acq On : 27 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4414-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ9

Manual Integrations
 APPROVED

mohammad
 8/28/2019 10:11:46 AM

Quant Time: Aug 27 17:29:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration



(28) Naphthalene

10.404min (+0.030) 3808.29ng/ul m

JU
 08/28/19

response 60857674

Ion	Exp%	Act%
128.00	100	100
129.00	10.80	14.28#
127.00	13.00	17.03#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022360.D

Acq On : 27 Aug 2019 10:05

Operator : HP/JU

Sample : K4414-06

Misc :

ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 02 00:13:58 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Aug 30 01:29:39 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

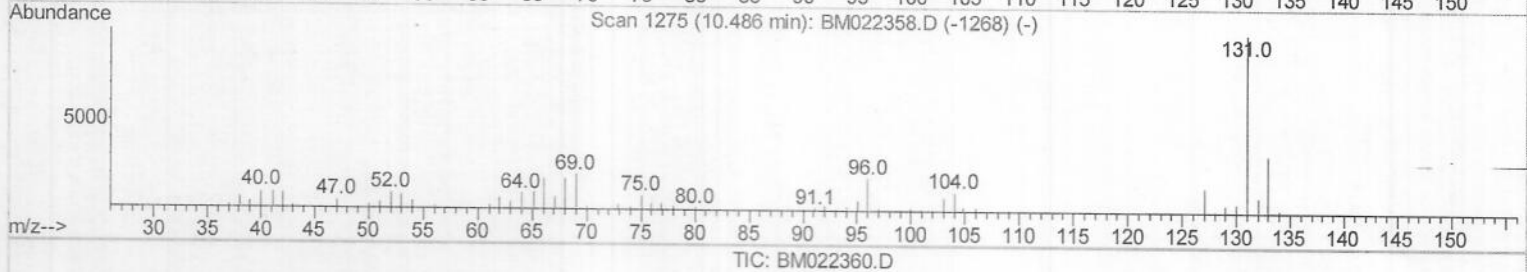
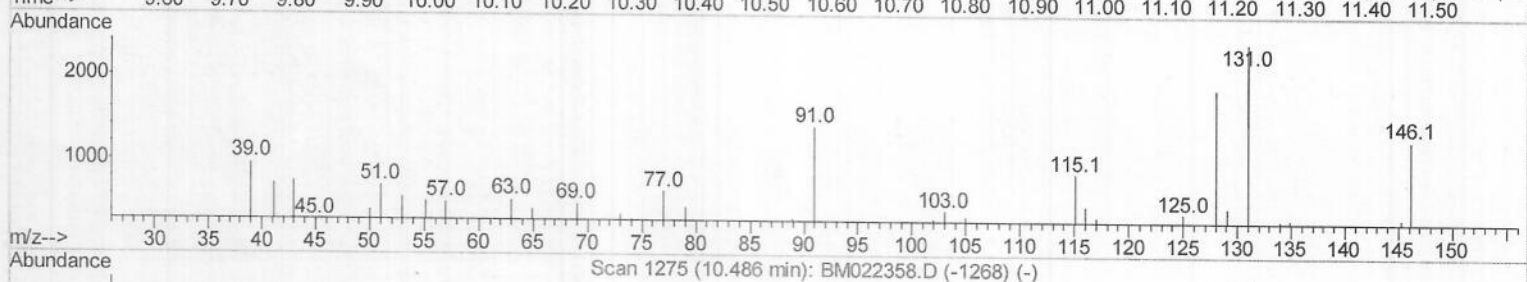
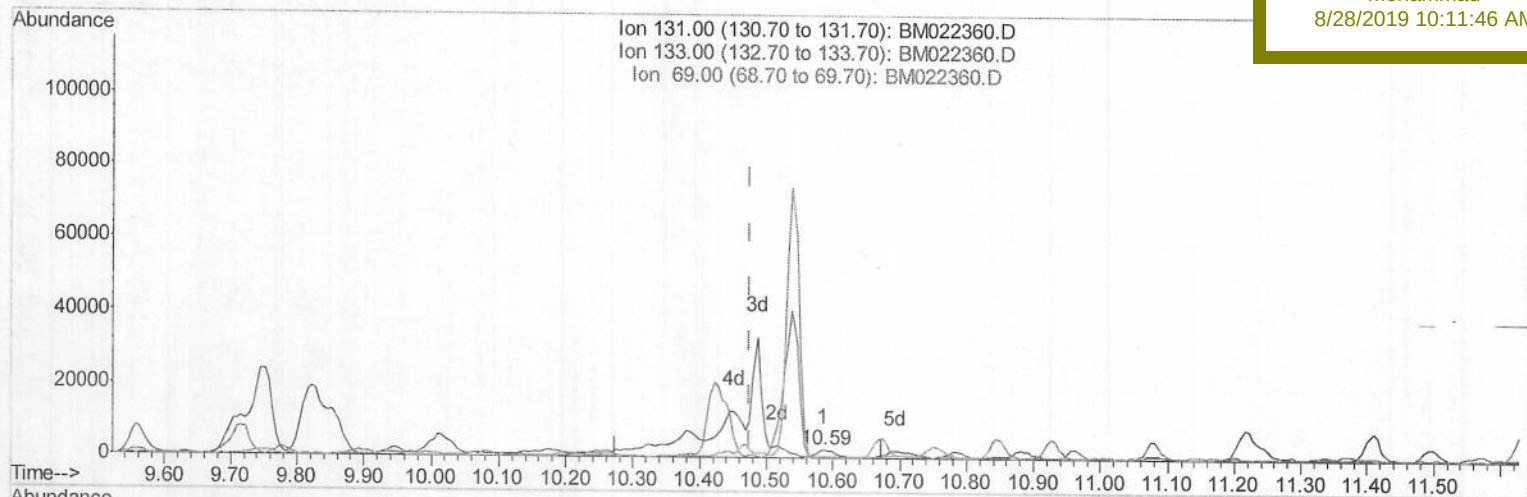
ETJQ9

Manual Integrations

APPROVED

mohammad

8/28/2019 10:11:46 AM



TIC: BM022360.D

(29) 4-Chloroaniline-d4 (S)

10.586min (+0.112) 0.79ng/ul

response 4945

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	0.00#
69.00	20.00	20.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082619\

Data File : BM022361.D

Acq On : 27 Aug 2019 10:42

Operator : HP/JU

Sample : K4414-07

Misc :

ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 27 18:57:12 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 17:04:34 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

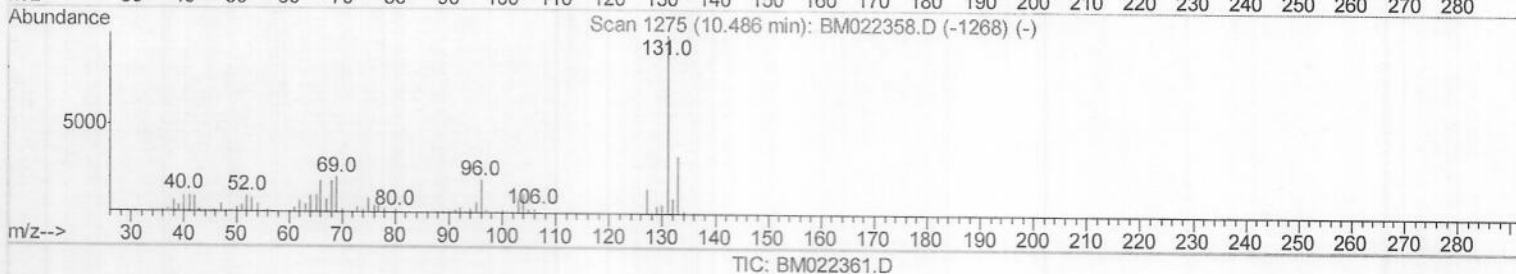
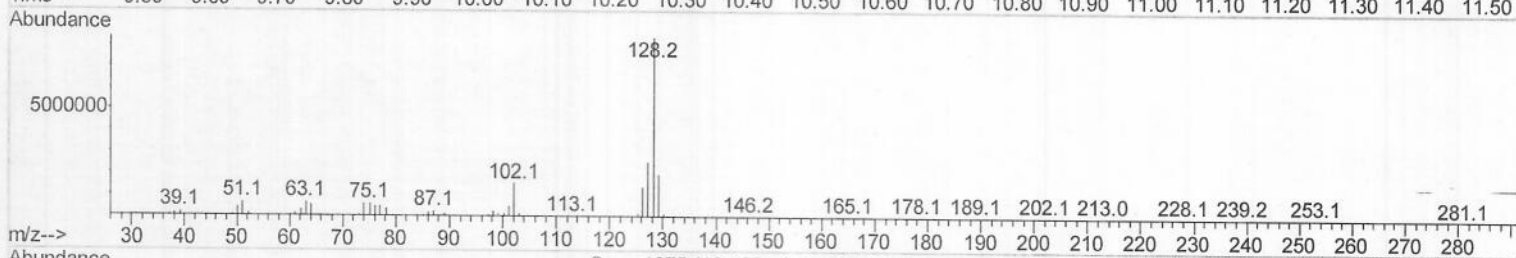
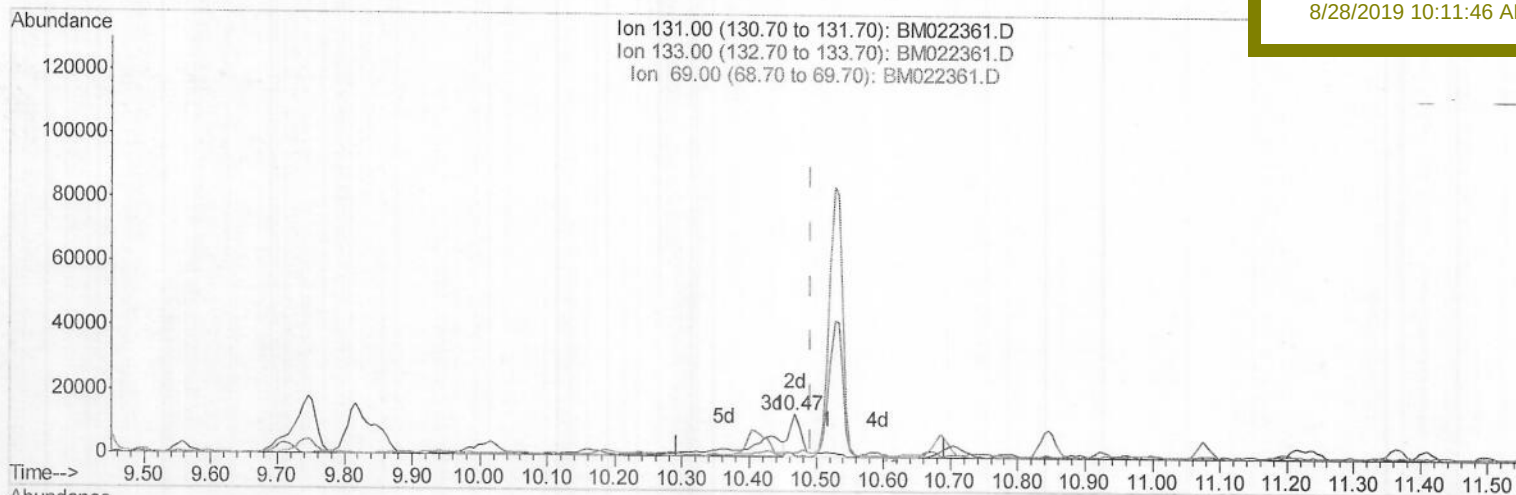
ETJQ9

Manual Integrations

APPROVED

mohammad

8/28/2019 10:11:46 AM



(29) 4-Chloroaniline-d4 (S)

10.469min (-0.024) 3.65ng/ul m

response 19380

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	3.69#
69.00	20.00	8.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

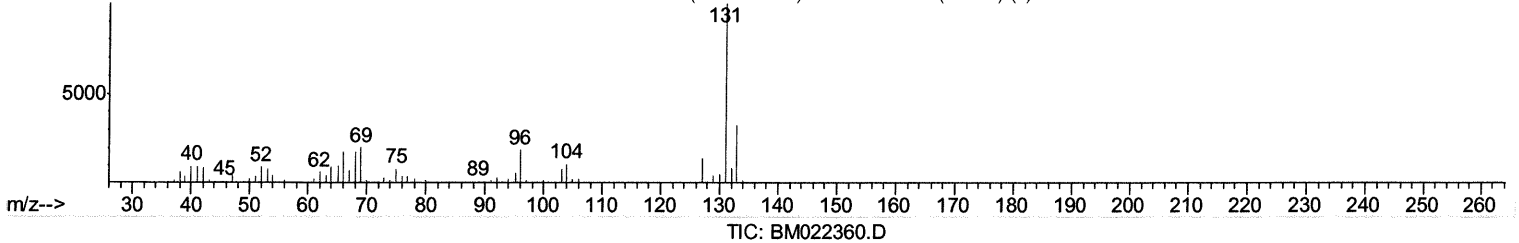
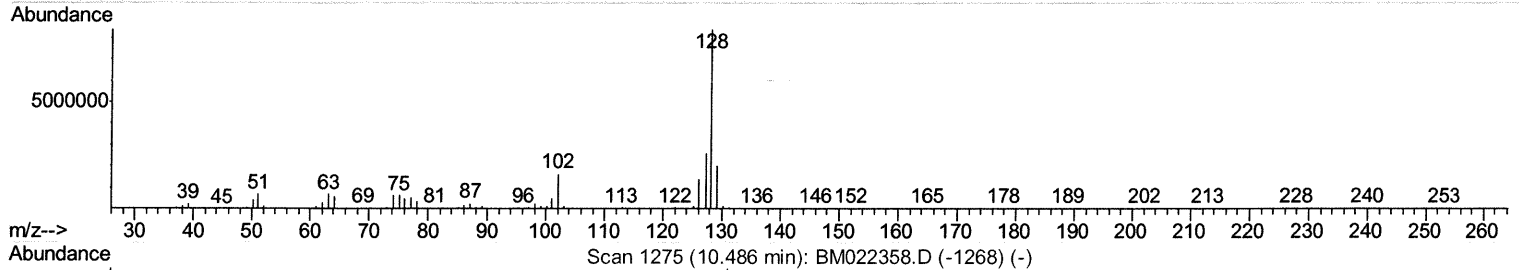
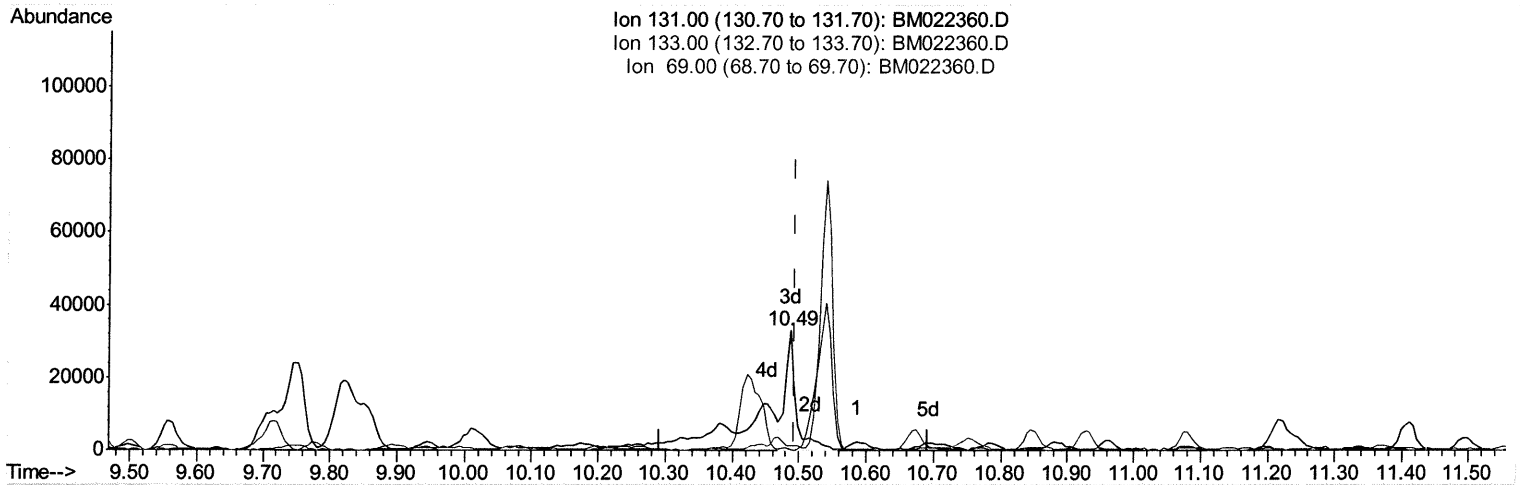
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022360.D
 Acq On : 27 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4414-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 ETJQ9

Manual Integrations
APPROVED

mohammad
 8/28/2019 10:11:46 AM

Quant Time: Aug 27 17:39:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.487min (-0.006) 6.21ng/ul m

JU
08/28/19

response 38616

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	1.11#
69.00	20.00	3.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

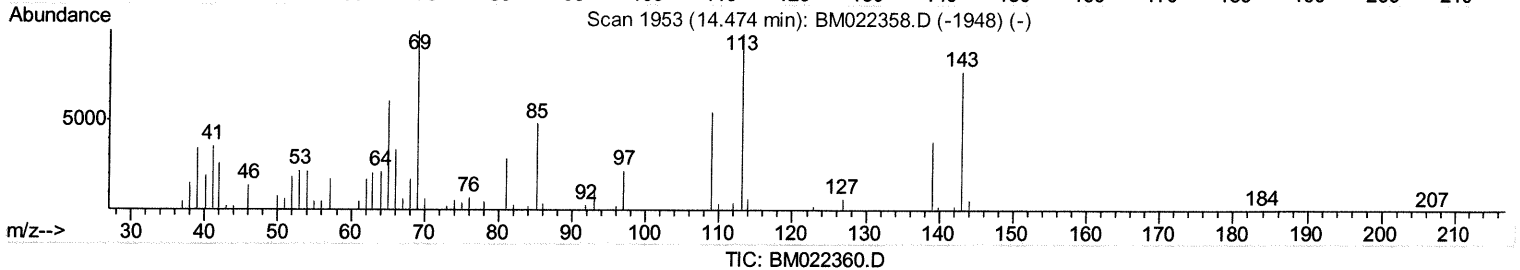
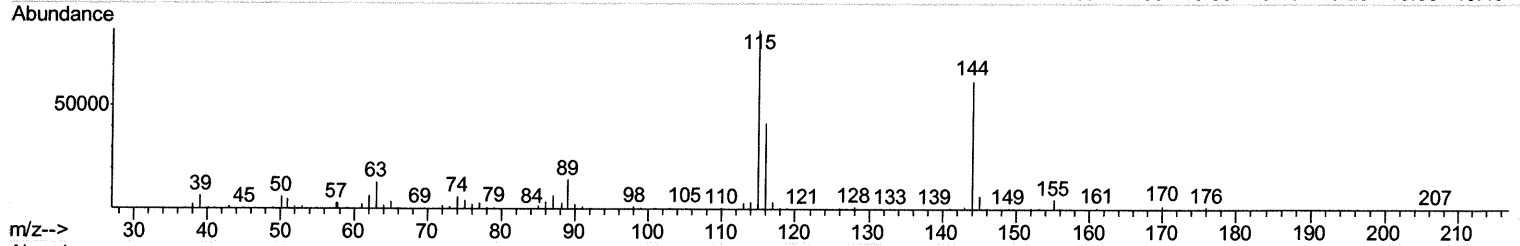
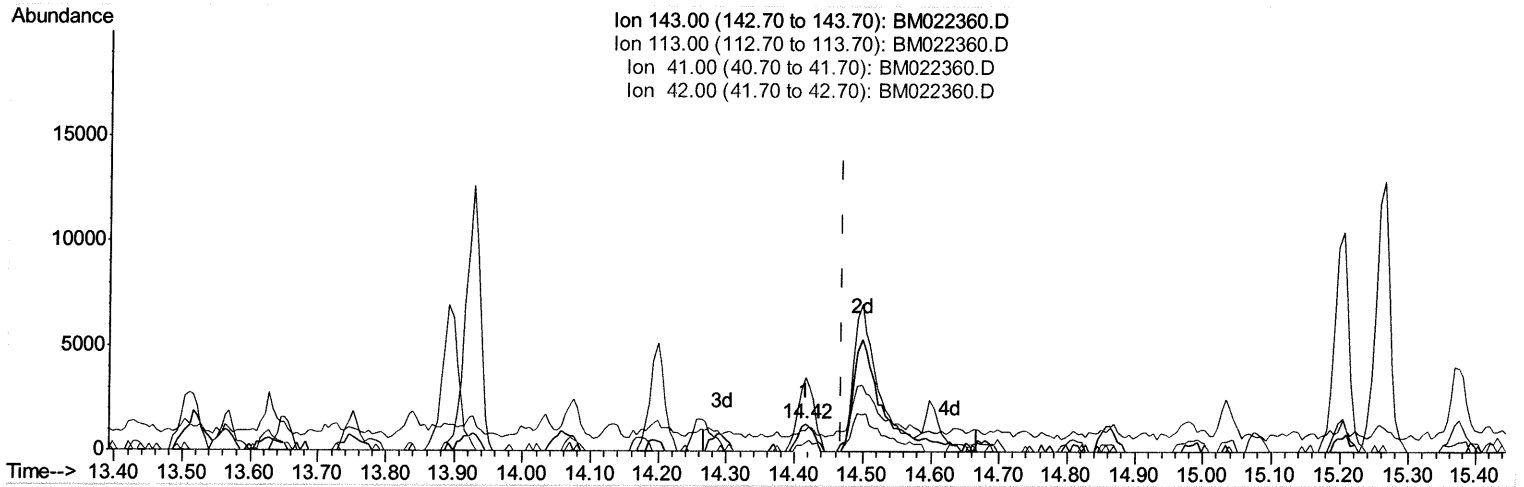
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022360.D
 Acq On : 27 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4414-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 ETJQ9

Manual Integrations
 APPROVED

mohammad
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(51) 4-Nitrophenol-d4 (S)

14.416min (-0.053) 1.47ng/ul

response 2239

Ion	Exp%	Act%
143.00	100	100
113.00	116.00	268.07#
41.00	50.80	74.90#
42.00	27.00	32.62#

Quantitation Report (Qedit)

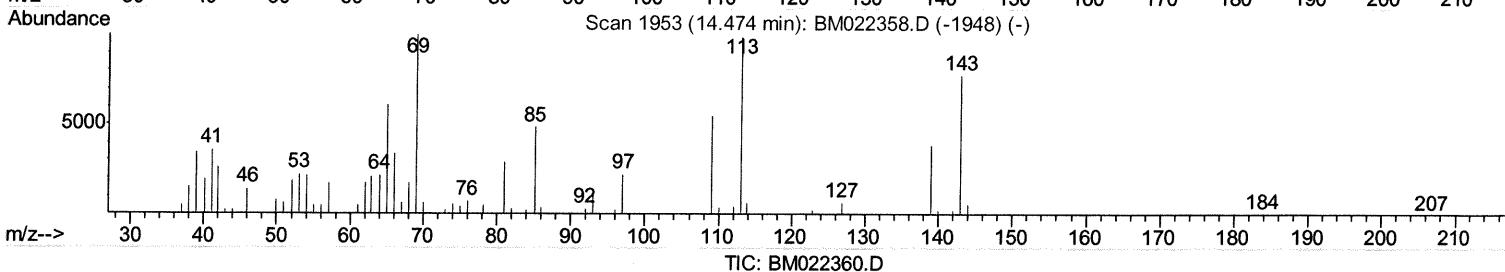
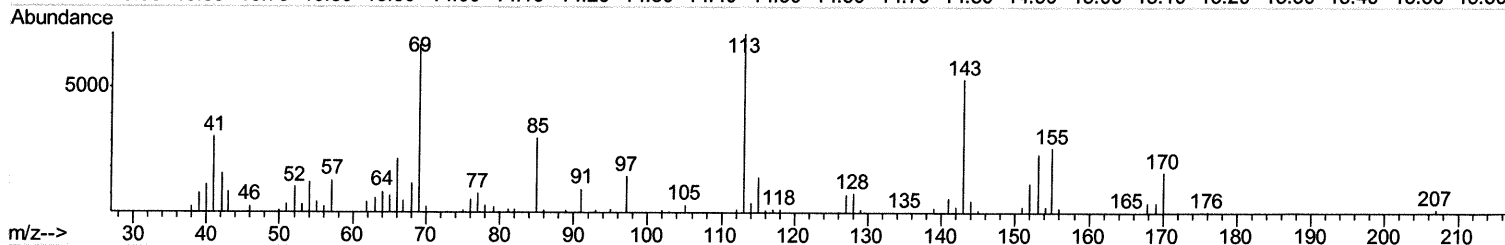
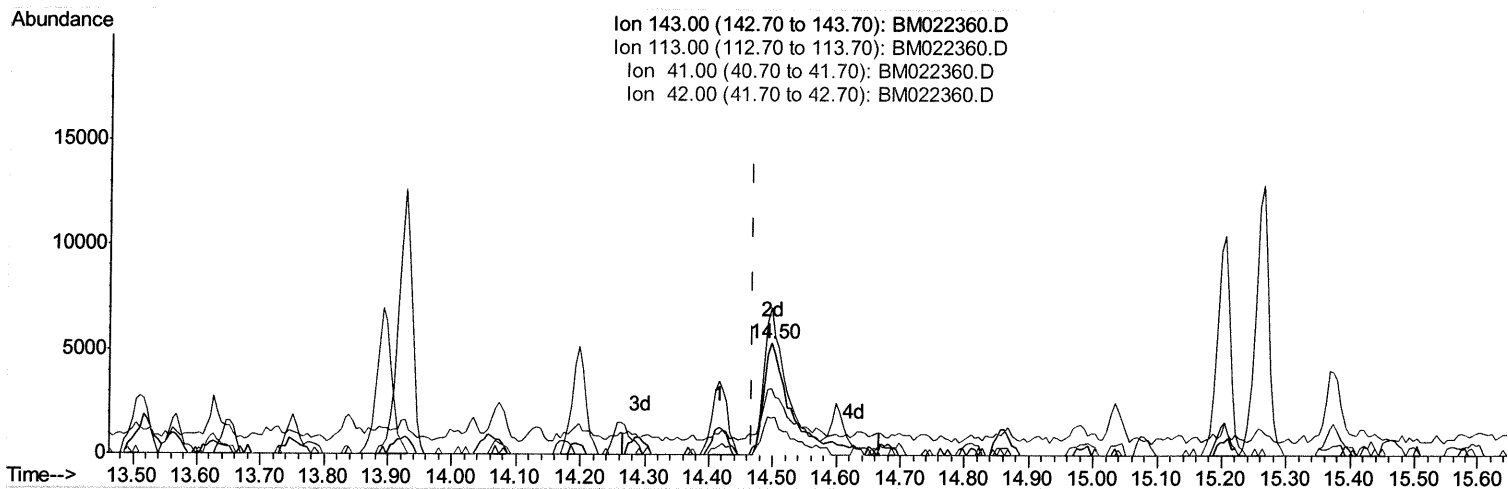
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022360.D
Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETJQ9

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(51) 4-Nitrophenol-d4 (S)

14.498min (+0.030) 10.70ng/ul m *JU* 08/28/19

response 16266

Ion	Exp%	Act%
143.00	100	100
113.00	116.00	132.52
41.00	50.80	59.24
42.00	27.00	33.48#

Quantitation Report (Qedit)

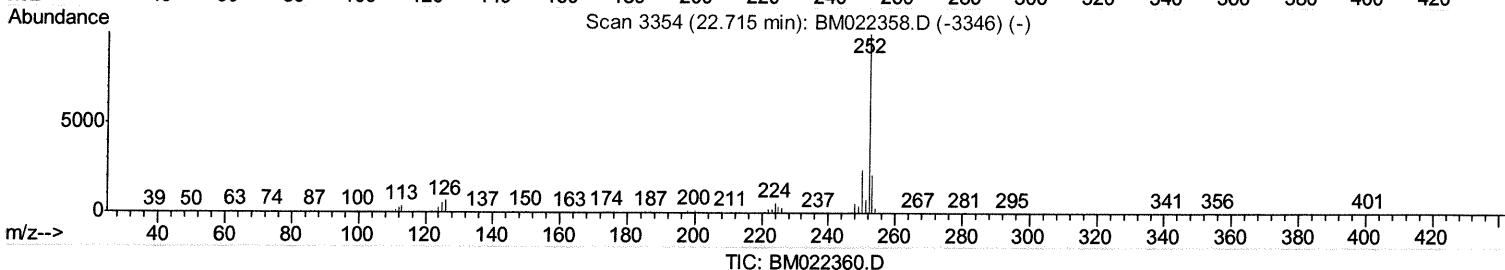
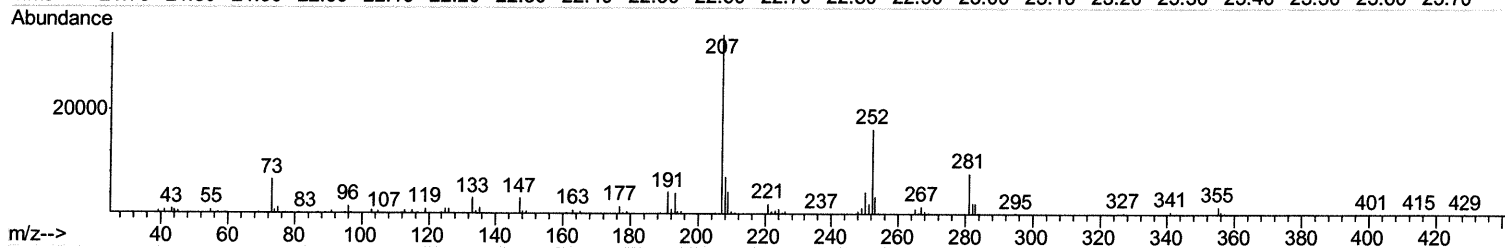
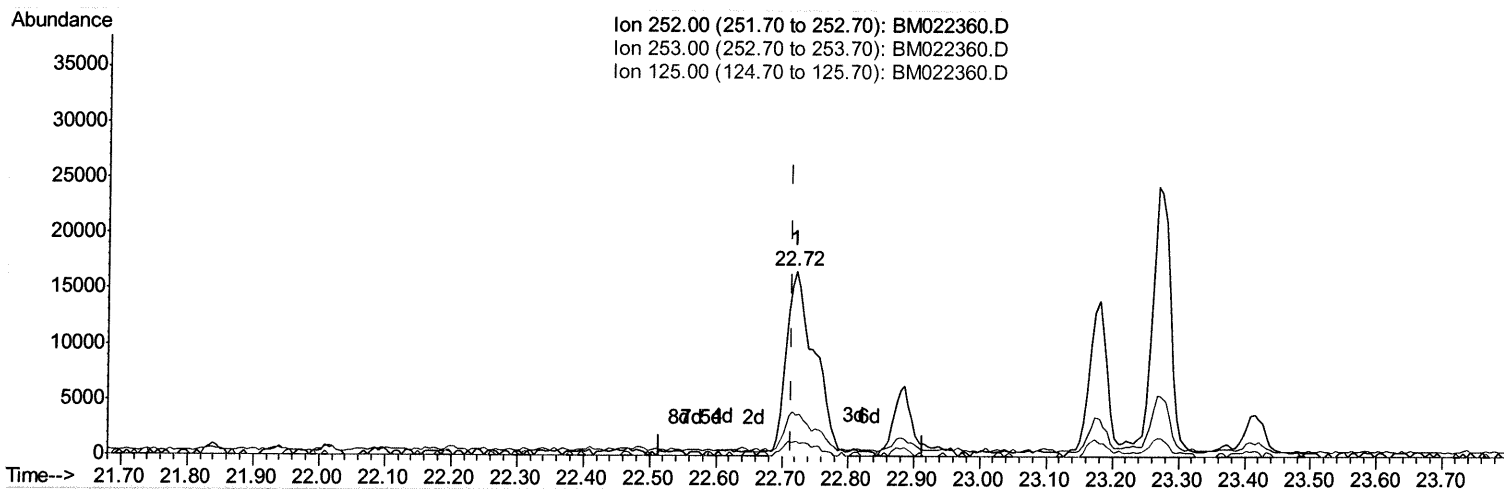
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022360.D
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 Operator : HP/JU
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Instrument :
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(87) Benzo(b)fluoranthene

22.721min (+0.006) 3.51ng/ul

response 49693

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	21.90
125.00	6.50	8.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

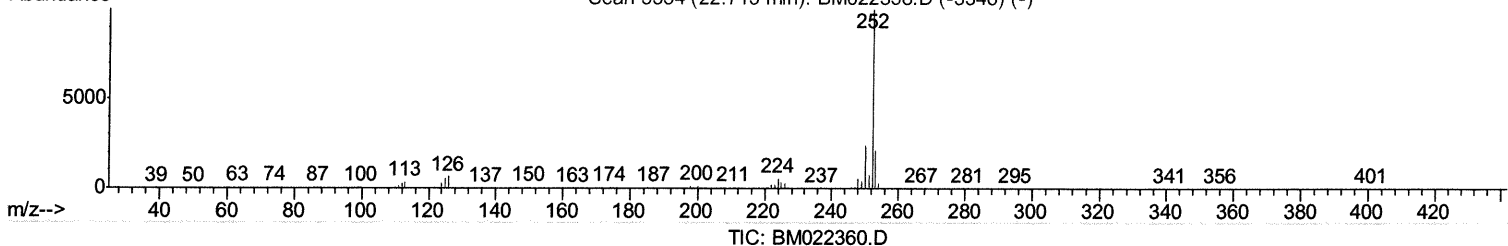
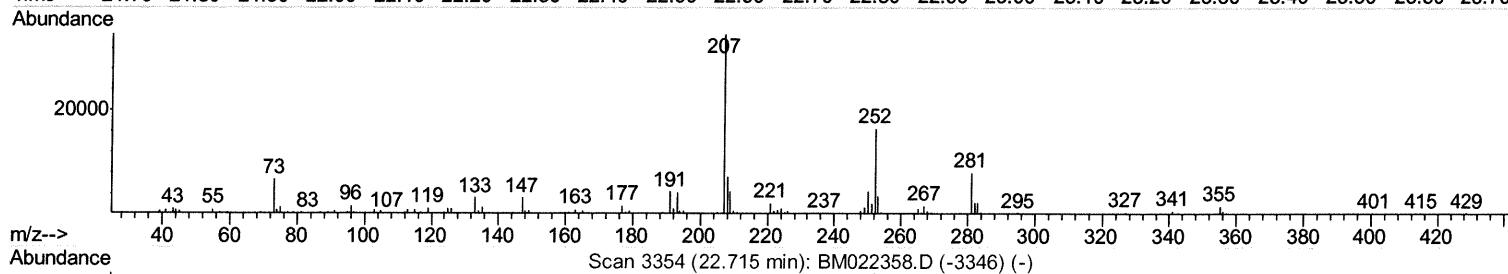
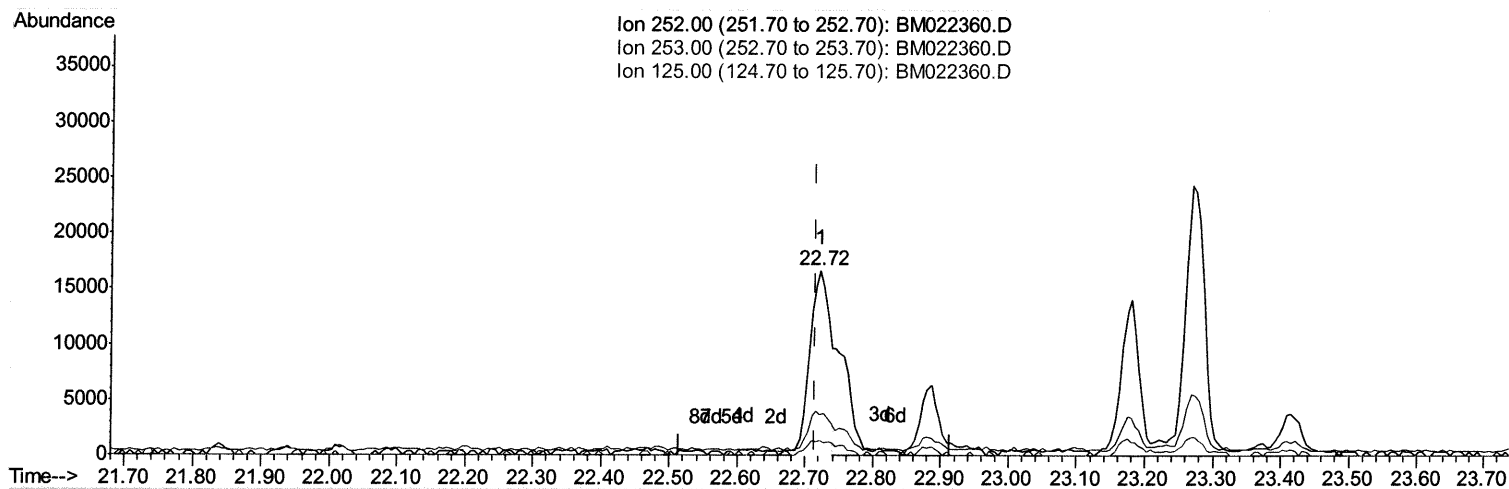
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(87) Benzo(b)fluoranthene

22.721min (+0.006) 2.38ng/ul m *JU* 08/28/19

response 33625

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	21.90
125.00	6.50	8.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

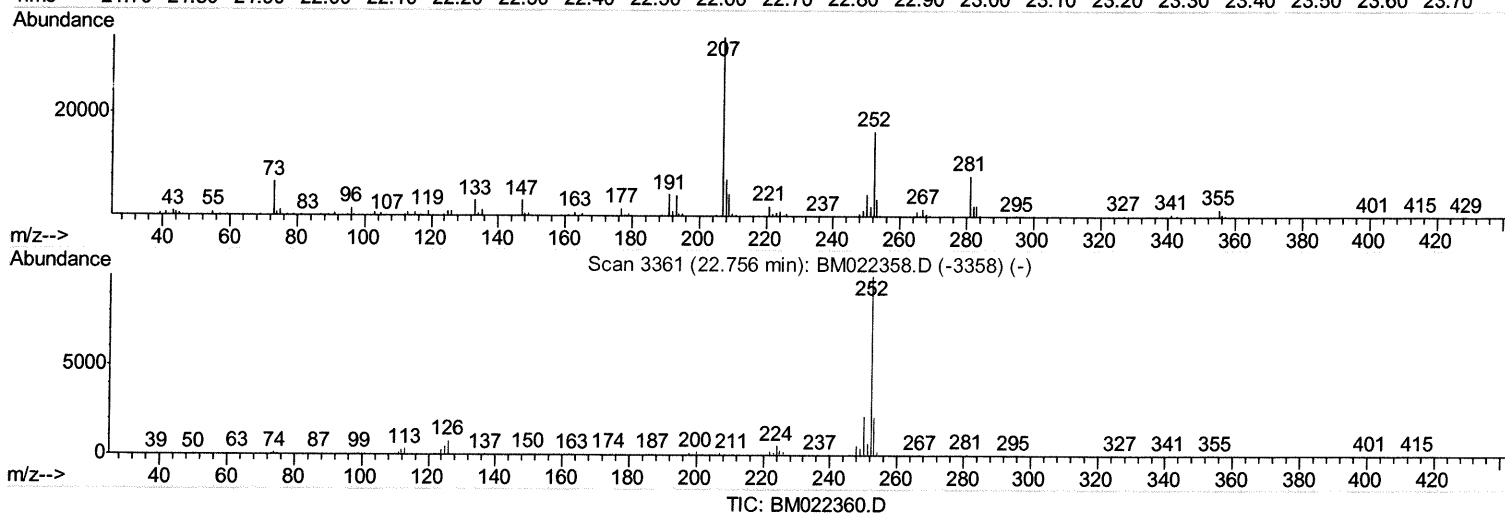
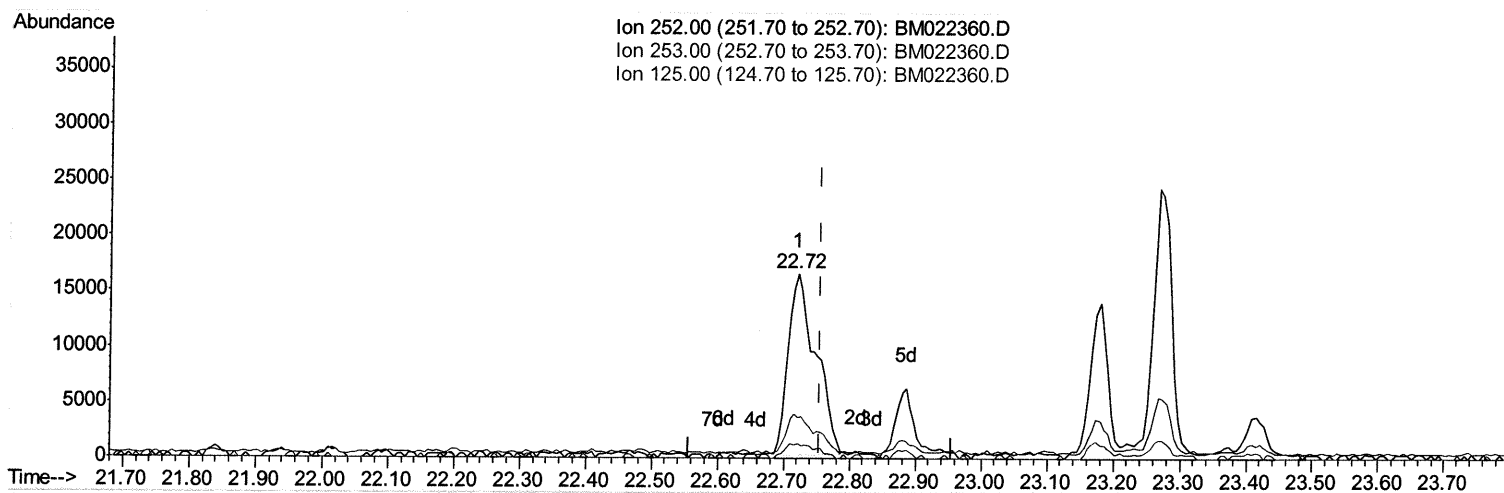
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022360.D
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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(88) Benzo(k)fluoranthene

22.721min (-0.035) 3.47ng/ul

response 47611

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	21.90
125.00	6.40	8.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

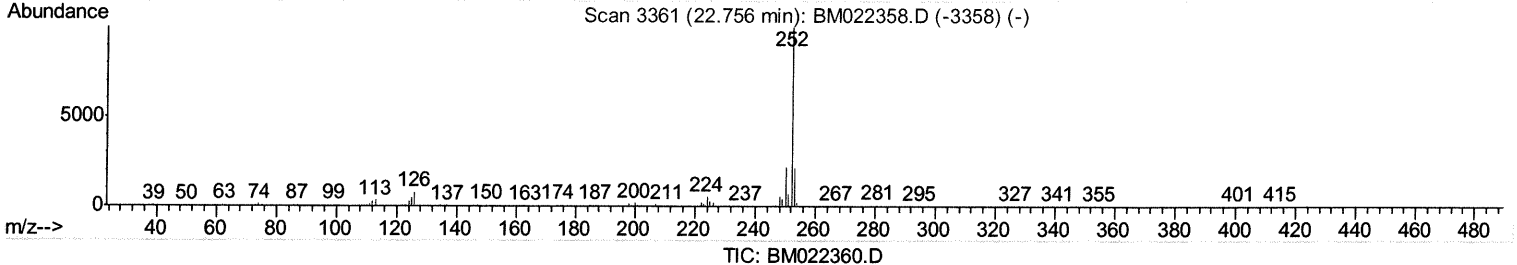
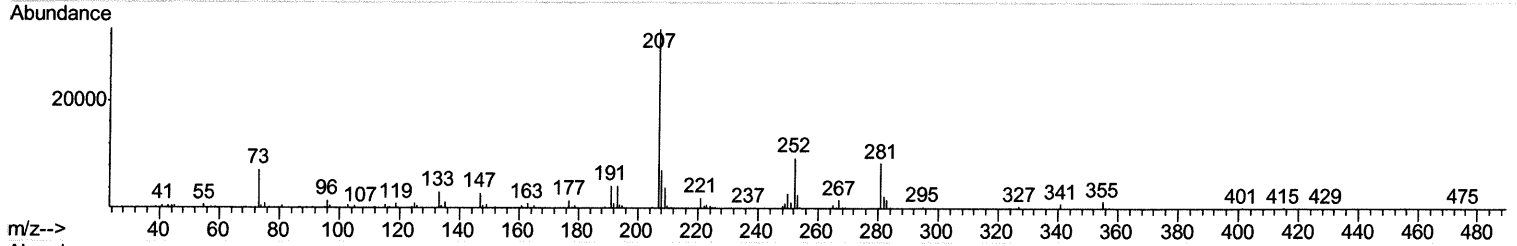
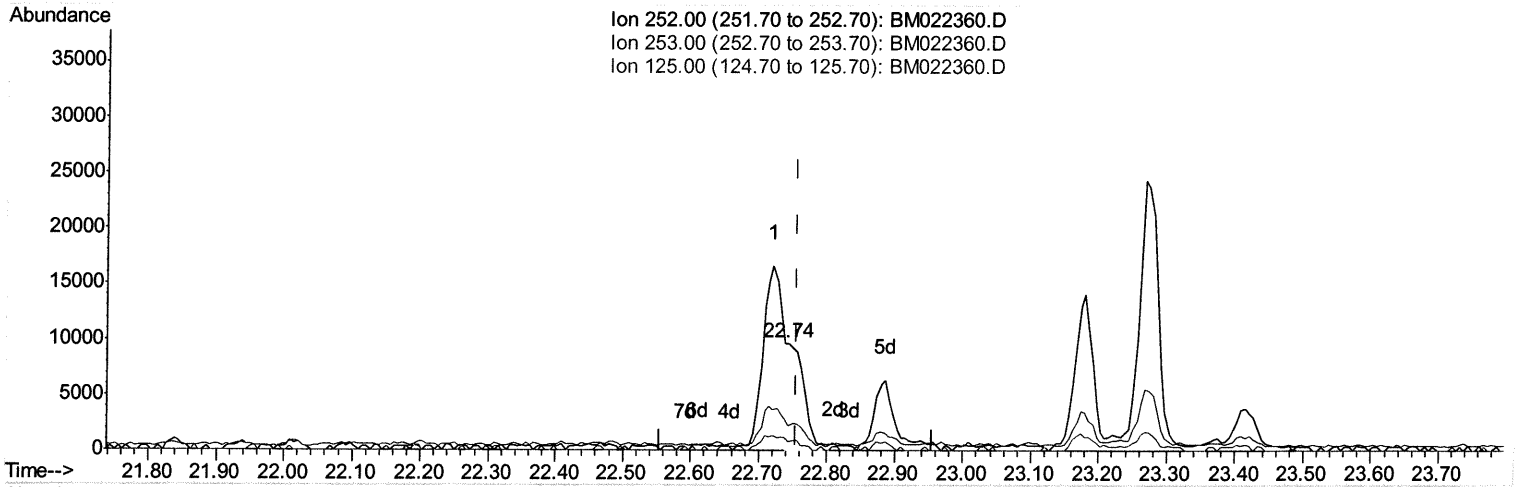
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022360.D
 Acq On : 27 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4414-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ9

Manual Integrations
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Quant Time: Aug 27 17:39:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.739min (-0.018) 1.17ng/ul m 08/28/19

response 16066

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	29.15#
125.00	6.40	11.45#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022360.D
 Acq On : 27 Aug 2019 10:05
 Operator : HP/JU
 Sample : K4414-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 02 00:10:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sample ID :
 ETJQ9

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	35394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	289570	20.00	ng/ul	0.07
35) Acenaphthene-d10	14.20	164	116537	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	244975	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	190516	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	203273	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4699	5.94	ng/uL	0.00
5) Phenol-d5	6.76	99	31667	10.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	68804	38.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	82344	33.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	41400	15.64	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	52209	24.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	62908	25.03	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	115492	22.58	ng/ul	0.04
29) 4-Chloroaniline-d4	10.49	131	38616m	6.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	421844	41.10	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	457629	41.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	16266m	10.70	ng/ul	0.03
57) Fluorene-d10	15.20	176	362870	42.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	63808	33.75	ng/ul	0.00
70) Anthracene-d10	17.06	188	573229	44.19	ng/ul	-0.01
78) Pyrene-d10	19.37	212	591637	59.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	487484	43.65	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.77	94	13875	4.242	ng/ul# 27
11) 2-Methylphenol	8.01	108	122810	47.678	ng/ul 85
14) Acetophenone	8.39	105	81402	17.786	ng/ul# 85
16) 4-Methylphenol	8.33	108	109926m	38.814	ng/ul
21) Isophorone	9.32	82	2013862	173.787	ng/ul 95
24) 2,4-Dimethylphenol	9.58	107	72634m	11.221	ng/ul
28) Naphthalene	10.40	128	60857674m	808.294	ng/ul
34) 2-Methylnaphthalene	12.02	142	6545937	531.651	ng/ul 96
40) 1,1'-Biphenyl	13.02	154	726888	76.644	ng/ul 99
44) Dimethylphthalate	13.67	163	23576	2.258	ng/ul 99
47) Acenaphthylene	13.93	152	1907084	166.376	ng/ul 99
49) Acenaphthene	14.26	153	157378	19.338	ng/ul 99
53) Dibenzofuran	14.60	168	34786	2.870	ng/ul 96
58) Fluorene	15.26	166	633235	62.027	ng/ul 99
68) Pentachlorophenol	16.63	266	4329	1.834	ng/ul 94
69) Phenanthrene	17.01	178	1813572	123.747	ng/ul 100
71) Anthracene	17.10	178	151933	9.962	ng/ul 99
74) Carbazole	17.39	167	38614	2.803	ng/ul 98
76) Fluoranthene	19.03	202	224859	10.181	ng/ul 99
79) Pyrene	19.40	202	302258	24.511	ng/ul 96
82) Benzo(a)anthracene	21.16	228	51419	3.586	ng/ul# 88
84) Chrysene	21.21	228	43629	3.254	ng/ul 96
87) Benzo(b)fluoranthene	22.72	252	33625m	2.378	ng/ul

SV
 08/28/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022360.D

Acq On : 27 Aug 2019 10:05

Operator : HP/JU

Sample : K4414-06

Misc :

ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 02 00:10:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 17:04:34 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	23.27	252	44921	3.333	ng/ul	97
93) Benzo(a,h,i)perylene	26.23	276	27324	2.288	ng/ul	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

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