

Quantitation Report (Qedit)

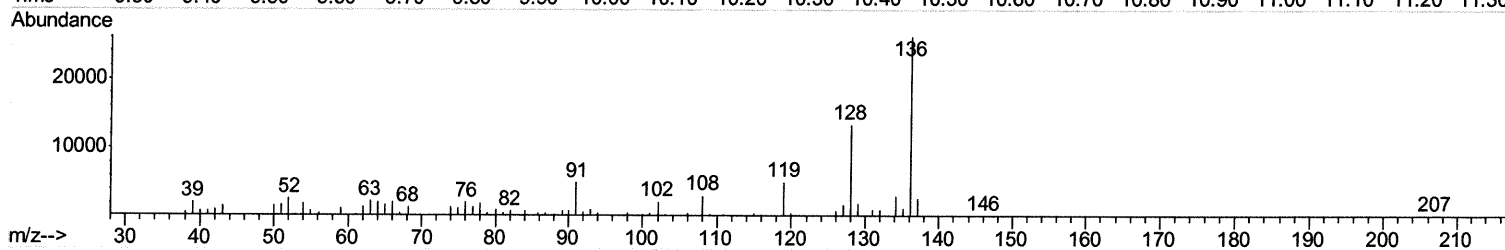
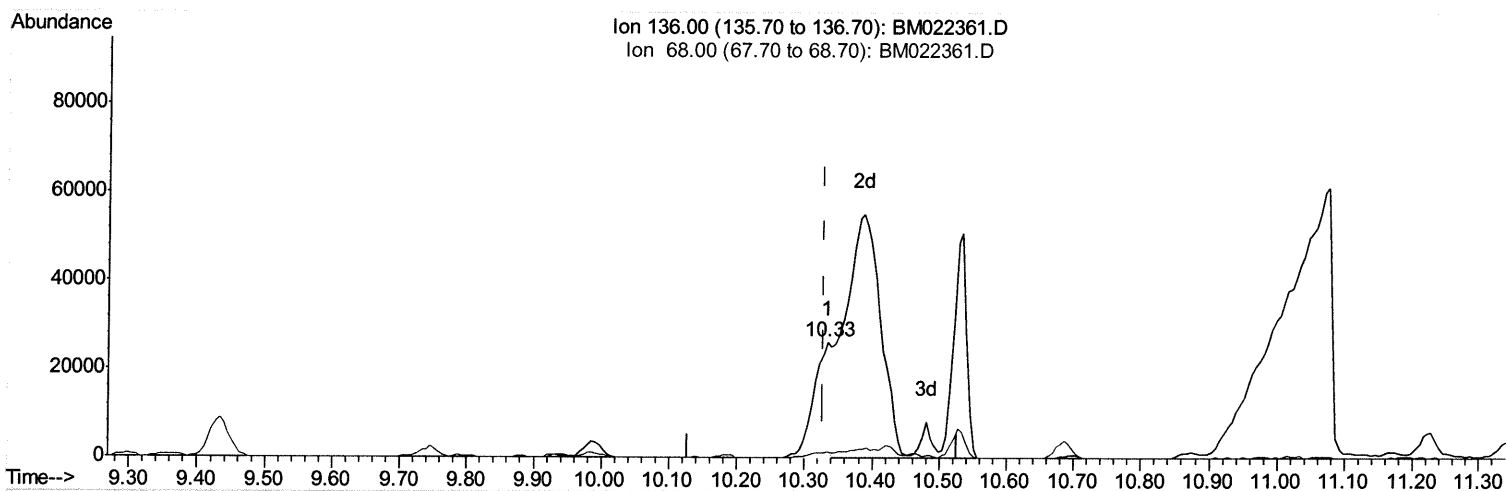
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022361.D
Acq On : 27 Aug 2019 10:42
Operator : HP/JU
Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETJR1

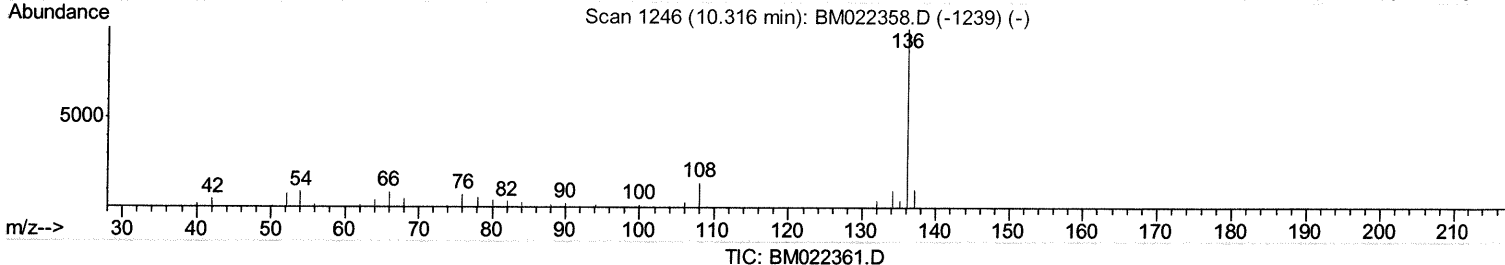
Manual Integrations
APPROVED

mohammad
8/28/2019 10:11:49 AM

Quant Time: Aug 27 17:08:11 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



Scan 1246 (10.316 min): BM022358.D (-1239) (-)



(18) Naphthalene-d8 (I)

10.333min (+0.006) 20.00ng/ul

response 49247

Ion	Exp%	Act%
136.00	100	100
68.00	5.40	5.65
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

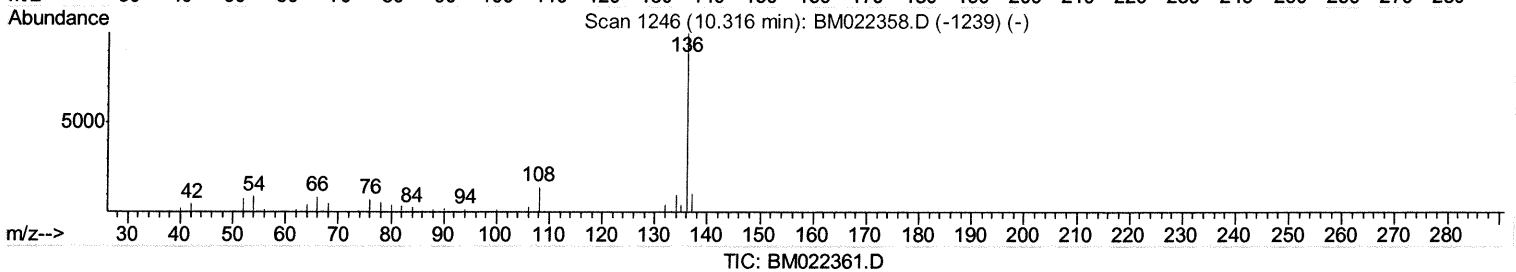
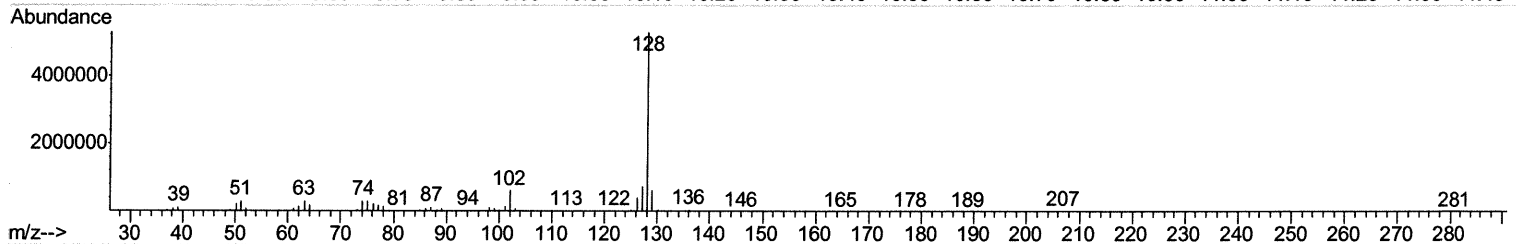
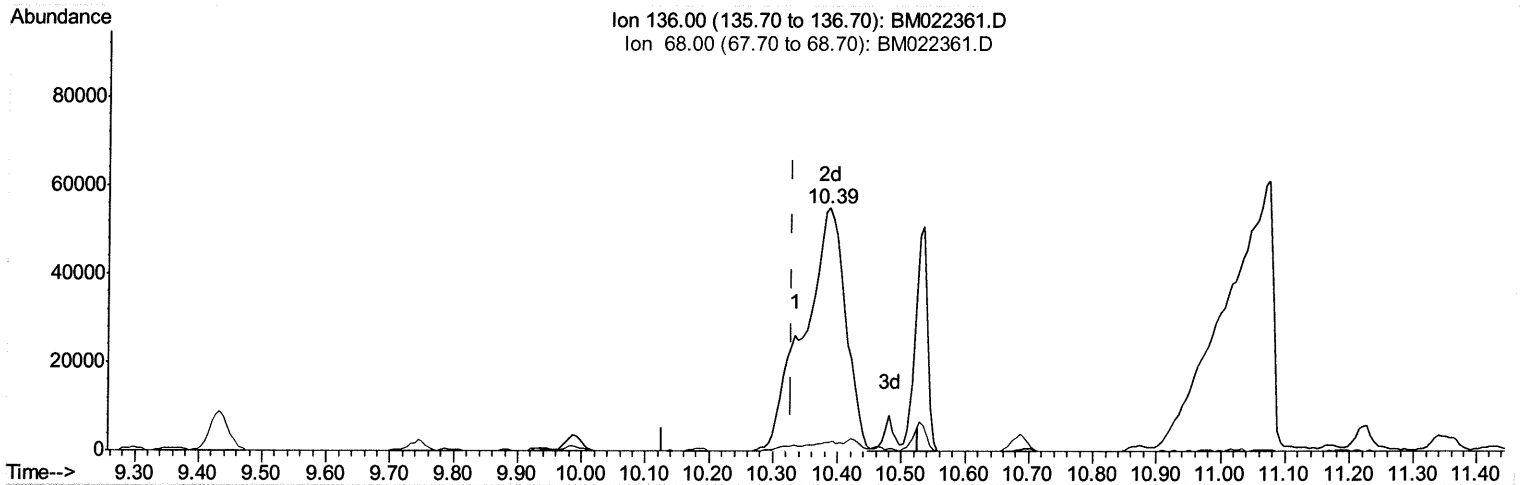
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022361.D
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 Operator : HP/JU
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(18) Naphthalene-d8 (I)

10.386min (+0.059) 20.00ng/ul m *JU 08/28/19*

response 247250

Ion	Exp%	Act%
136.00	100	100
68.00	5.40	3.80#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

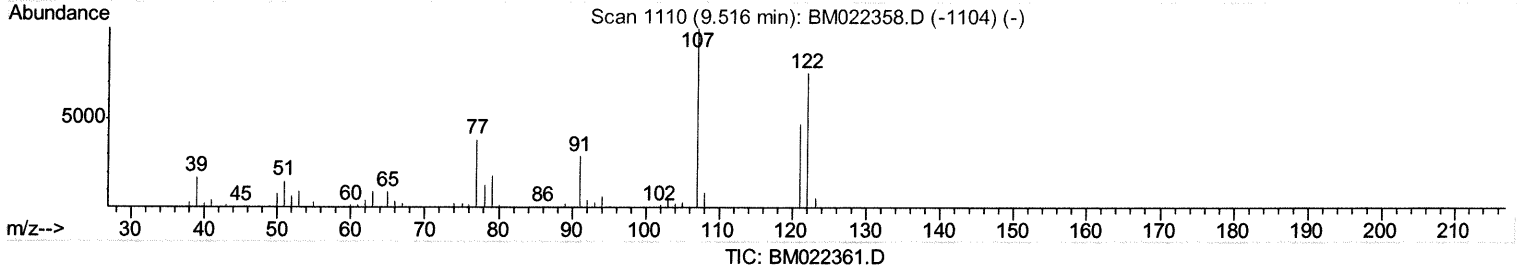
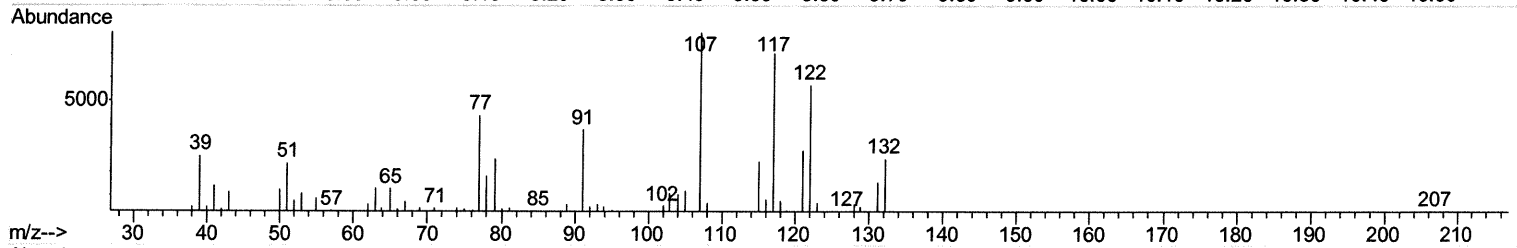
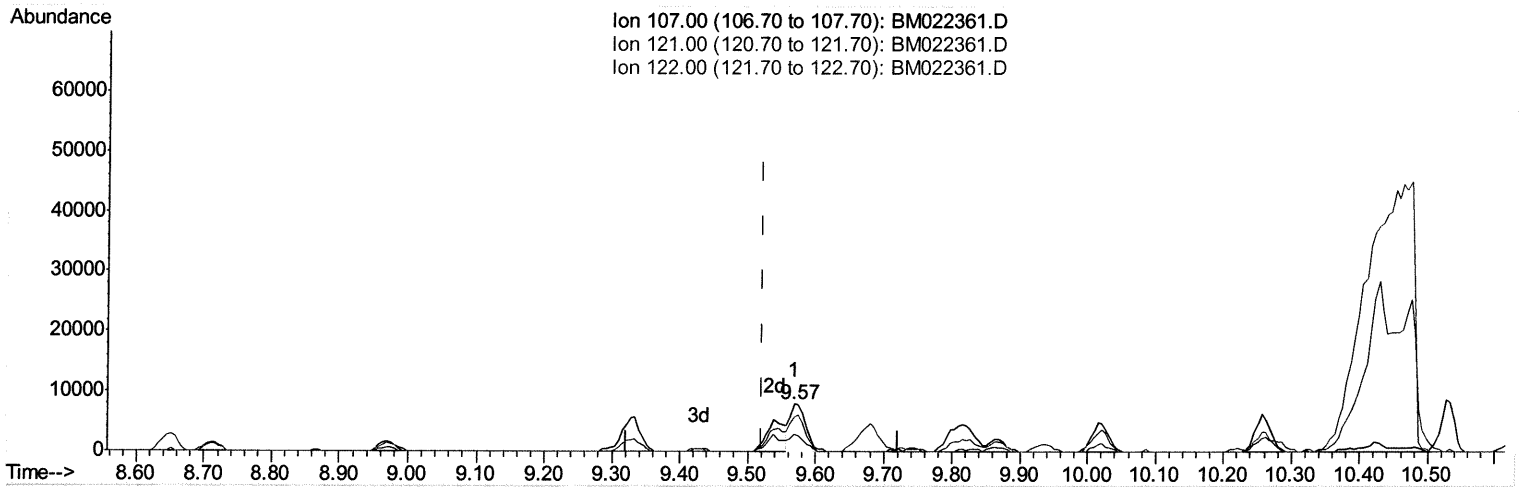
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
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(24) 2,4-Dimethylphenol

9.569min (+0.047) 2.28ng/ul

response 12618

Ion	Exp%	Act%
107.00	100	100
121.00	42.00	37.01
122.00	72.50	71.83
0.00	0.00	0.00

Quantitation Report (Qedit)

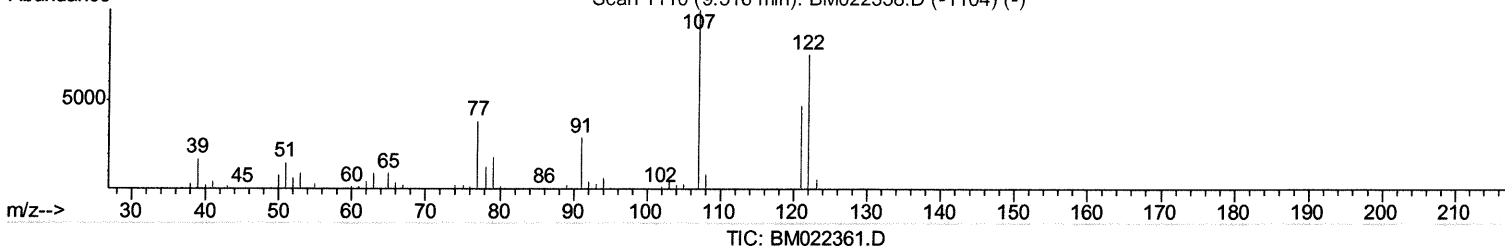
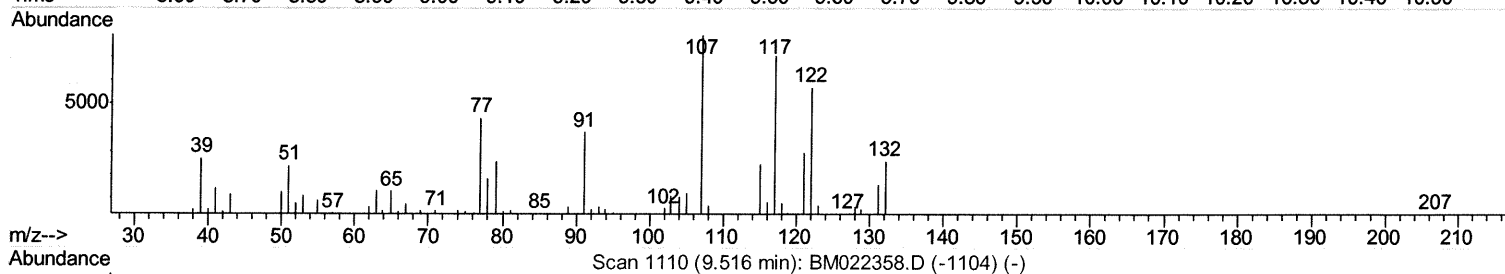
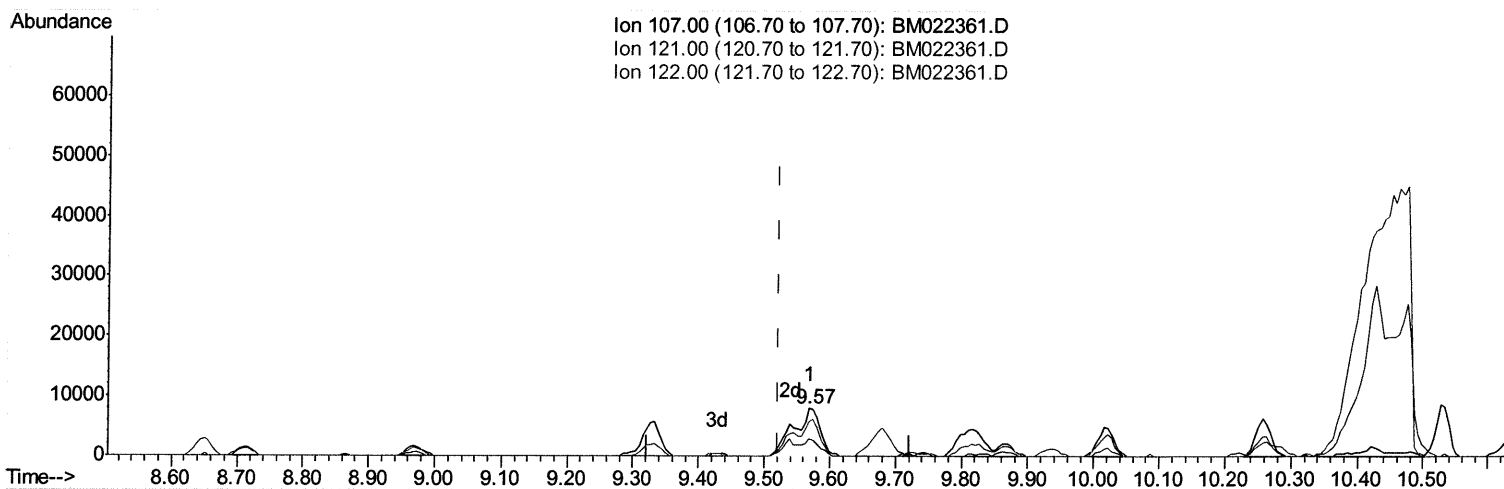
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022361.D
 Acq On : 27 Aug 2019 10:42
 Operator : HP/JU
 Sample : K4414-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(24) 2,4-Dimethylphenol

9.569min (+0.047) 4.07ng/ul m

JU
 08/28/19

response 22521

Ion	Exp%	Act%
107.00	100	100
121.00	42.00	37.01
122.00	72.50	71.83
0.00	0.00	0.00

Quantitation Report (Qedit)

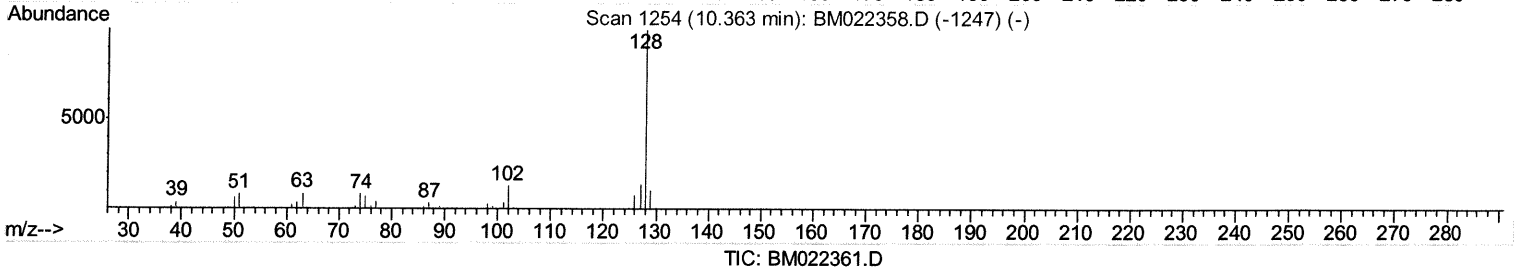
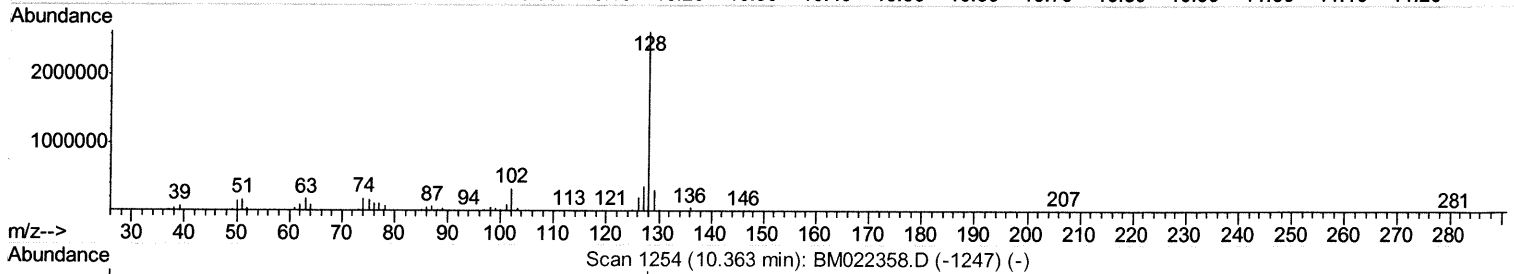
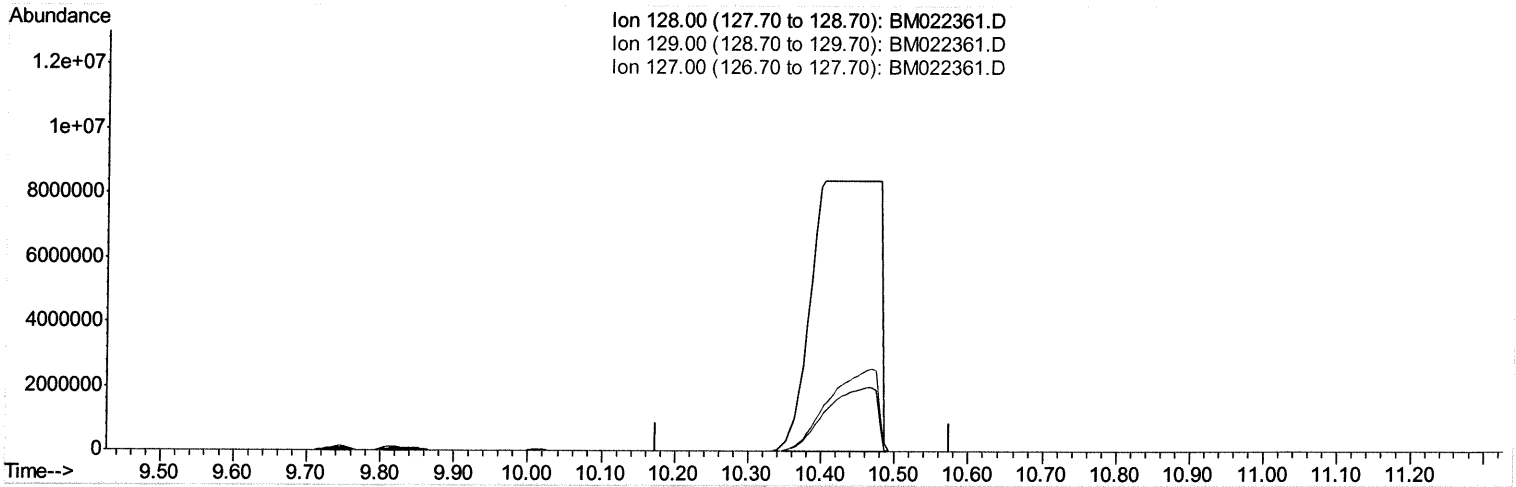
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 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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Manual Integrations
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mohammad
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Quant Time: Aug 27 18:00:44 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
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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)

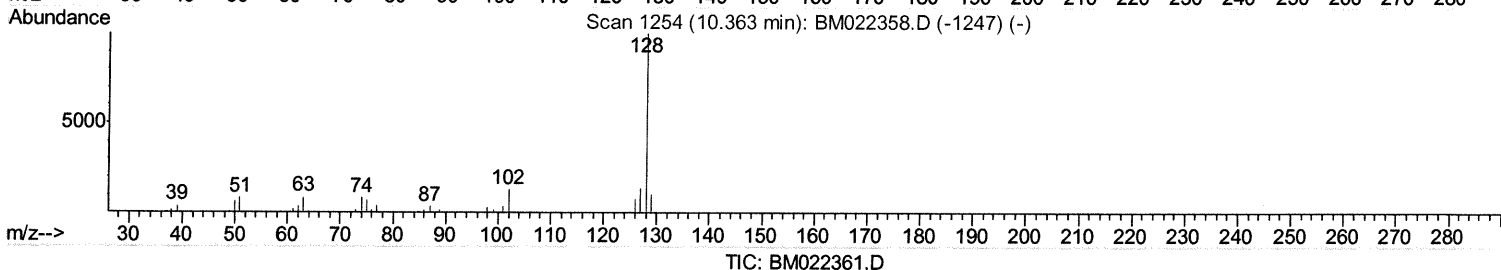
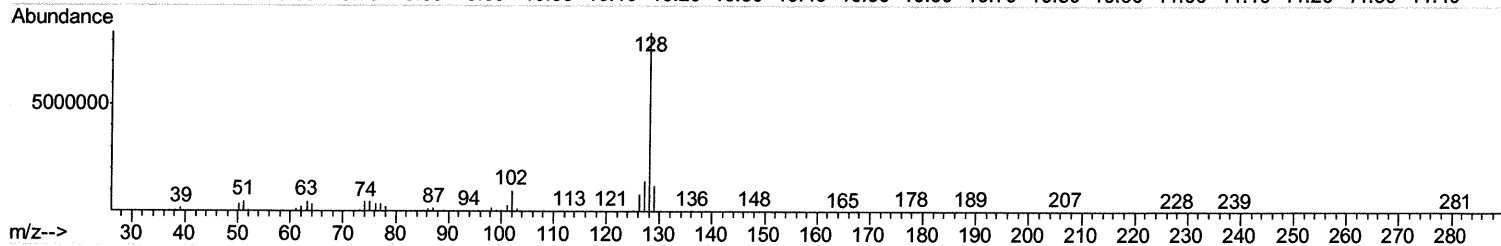
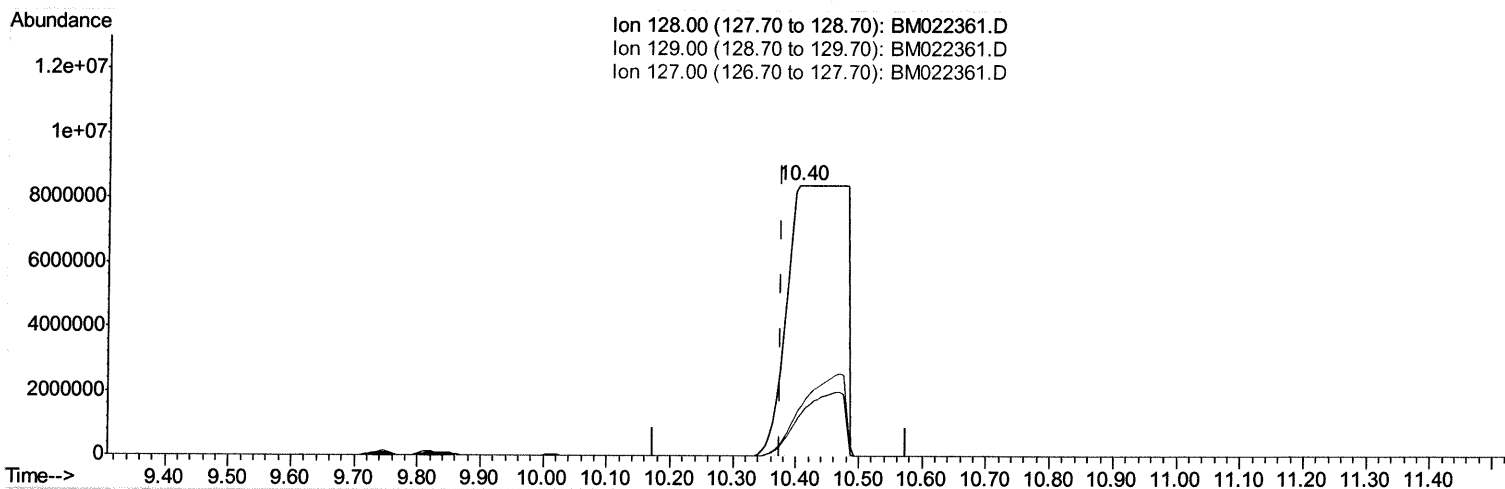
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022361.D
 Acq On : 27 Aug 2019 10:42
 Operator : HP/JU
 Sample : K4414-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJR1

Manual Integrations
 APPROVED

mohammad
 8/28/2019 10:11:49 AM

Quant Time: Aug 27 18:00:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(28) Naphthalene

10.404min (+0.029) 3838.07ng/ul m *JU 08/28/19*

response 52369812

Ion	Exp%	Act%
128.00	100	100
129.00	10.80	14.21#
127.00	13.00	16.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

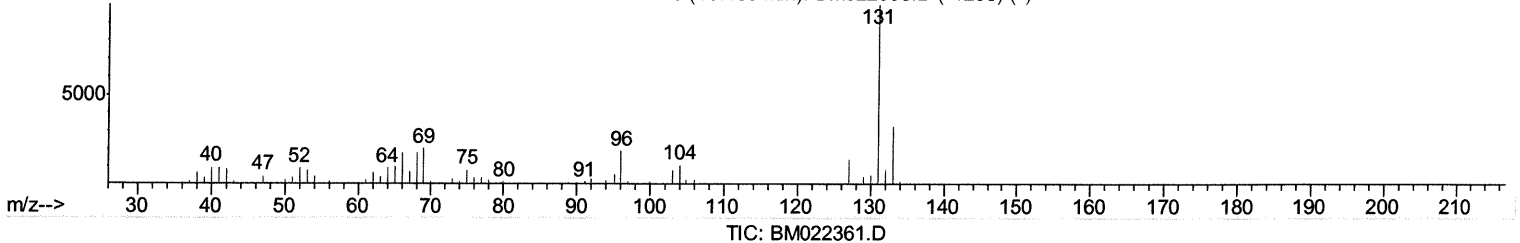
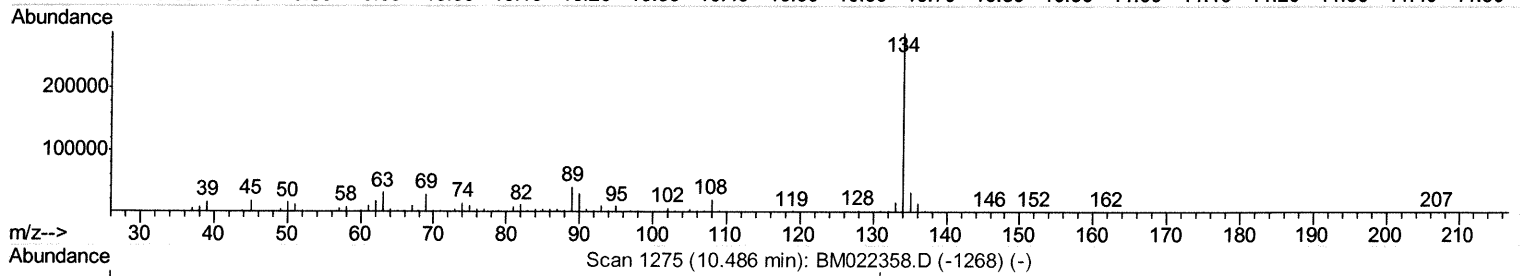
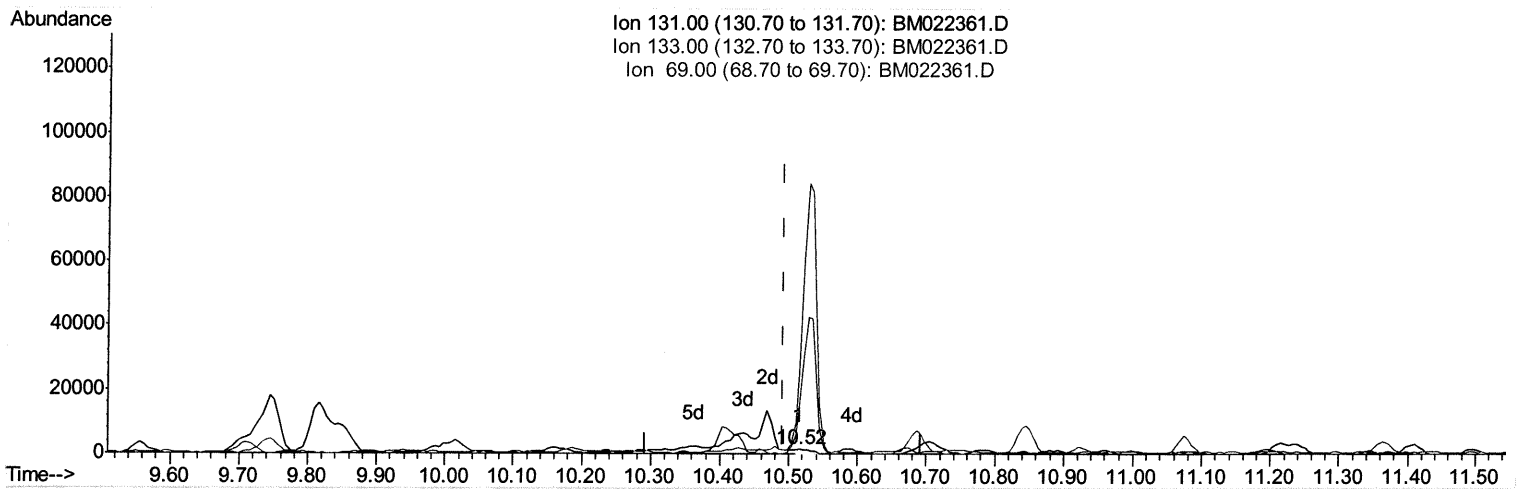
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022361.D
 Acq On : 27 Aug 2019 10:42
 Operator : HP/JU
 Sample : K4414-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJR1

Manual Integrations
 APPROVED

mohammad
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 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)
 10.516min (+0.023) 0.36ng/ul
 response 1896

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	1077.03#
69.00	20.00	1897.39#
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 :

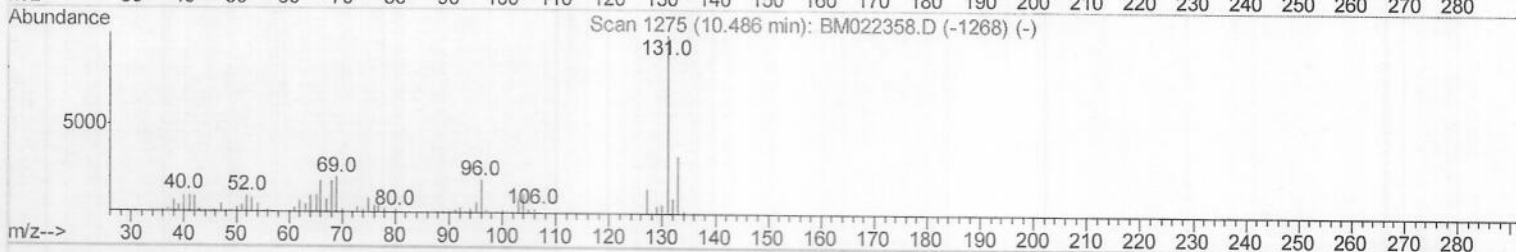
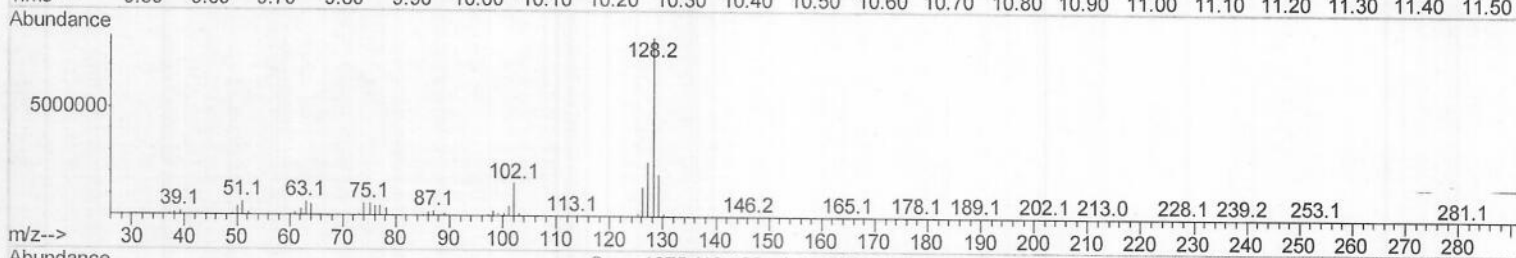
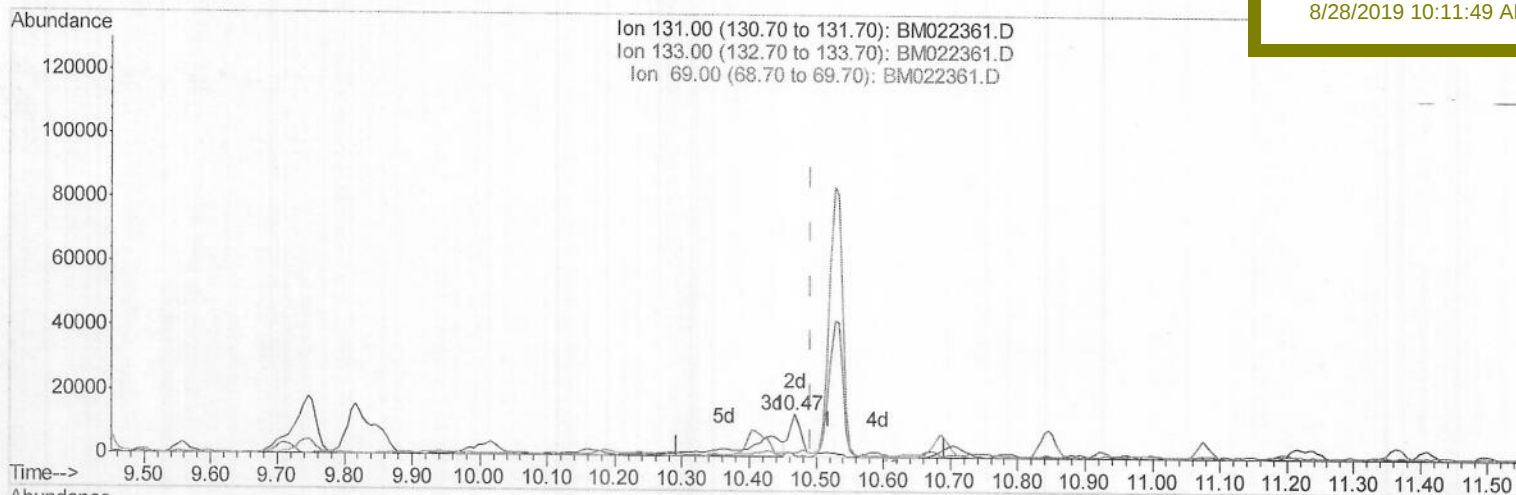
ETJR1

Manual Integrations

APPROVED

mohammad

8/28/2019 10:11:49 AM



TIC: BM022361.D

(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

JU
08/28/19

Quantitation Report (Qedit)

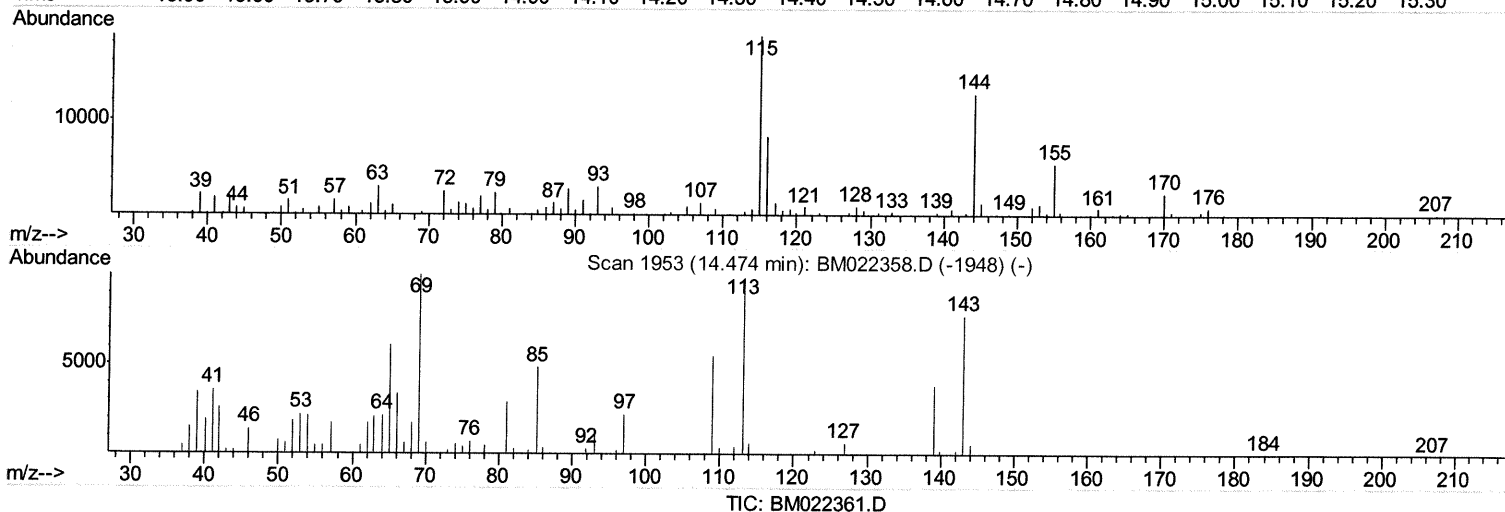
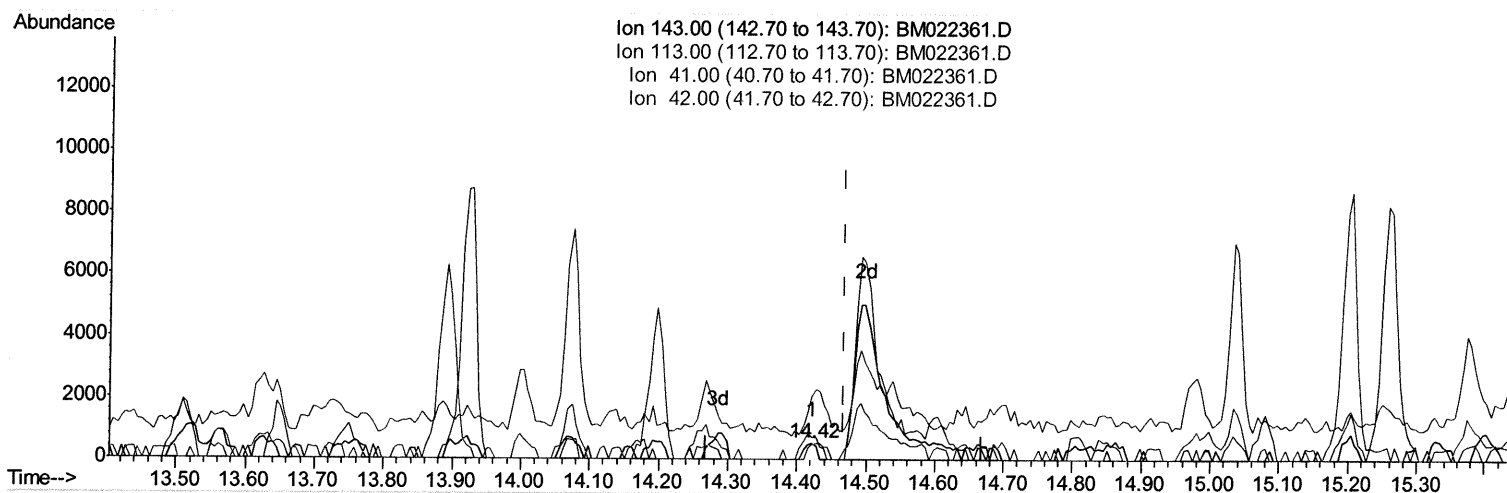
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022361.D
 Acq On : 27 Aug 2019 10:42
 Operator : HP/JU
 Sample : K4414-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJR1

Manual Integrations
 APPROVED

mohammad
 8/28/2019 10:11:49 AM

Quant Time: Aug 27 18:02:59 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



(51) 4-Nitrophenol-d4 (S)

14.421min (-0.047) 0.42ng/ul

response 620

Ion	Exp%	Act%
143.00	100	100
113.00	116.00	139.27#
41.00	50.80	386.59#
42.00	27.00	91.38#

Quantitation Report (Qedit)

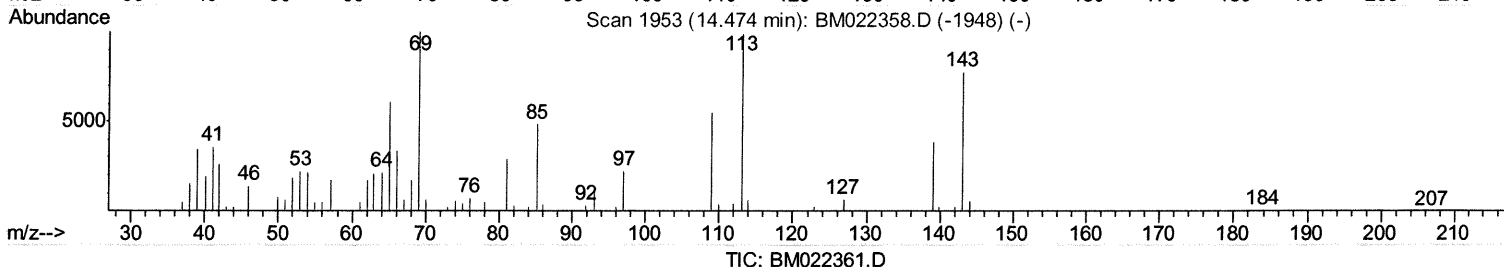
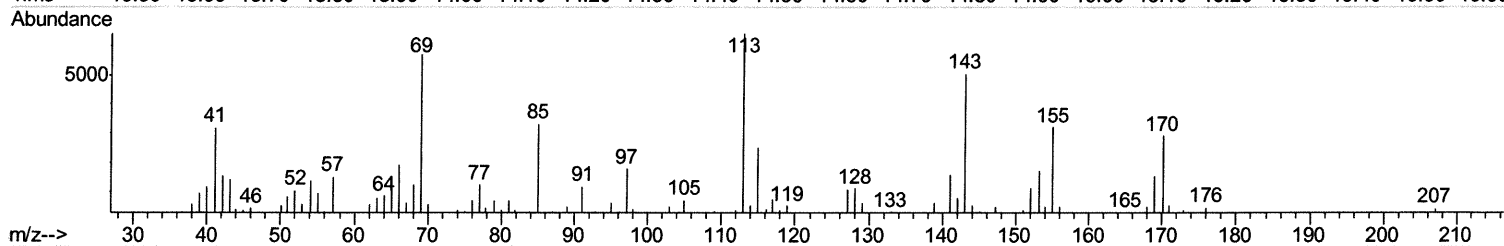
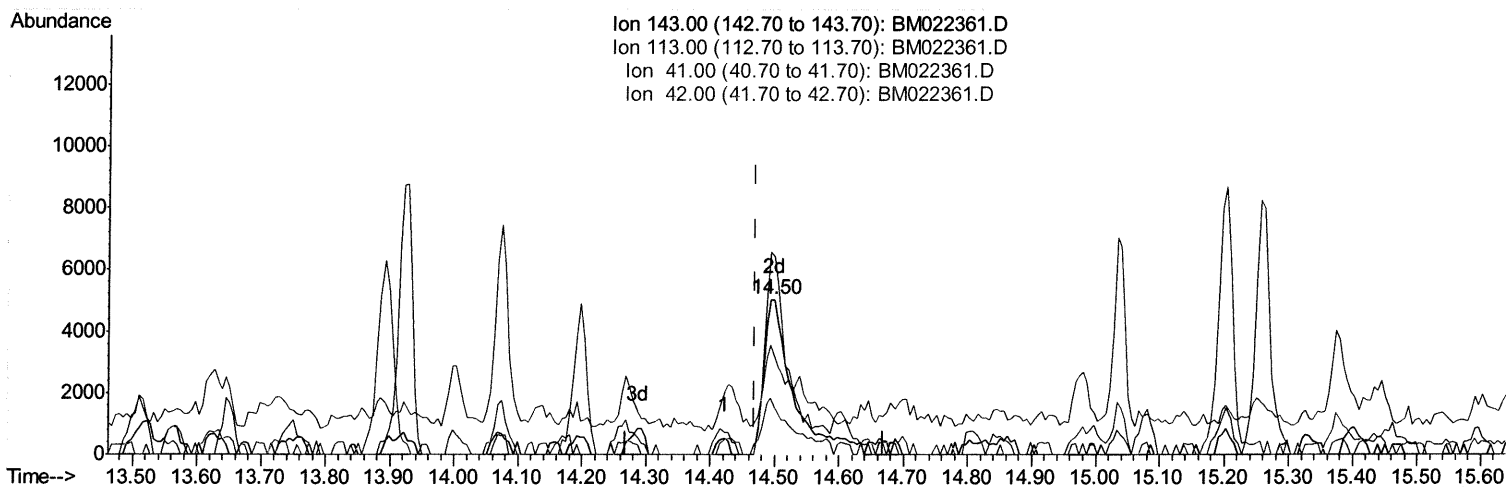
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022361.D
 Acq On : 27 Aug 2019 10:42
 Operator : HP/JU
 Sample : K4414-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJR1

Manual Integrations
 APPROVED

mohammad
 8/28/2019 10:11:49 AM

Quant Time: Aug 27 18:02:59 2019
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.498min (+0.029) 10.67ng/ul m

JU
 08/28/19

response 15785

Ion	Exp%	Act%
143.00	100	100
113.00	116.00	127.44
41.00	50.80	63.72#
42.00	27.00	31.20

Quantitation Report (Qedit)

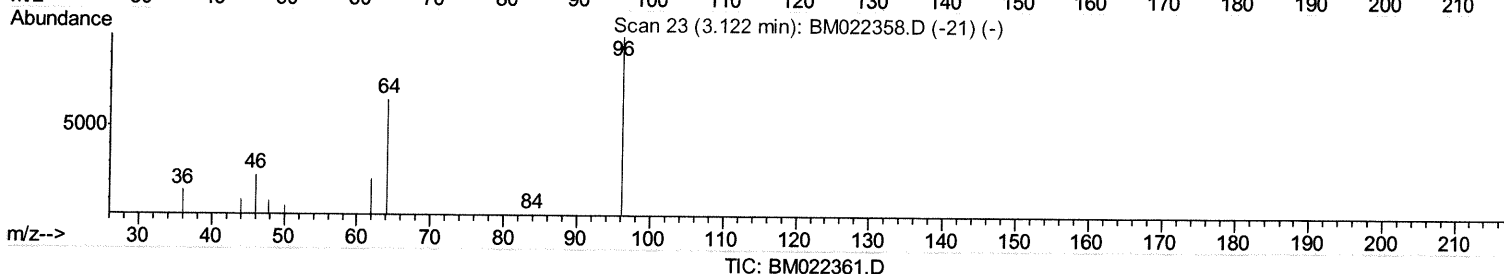
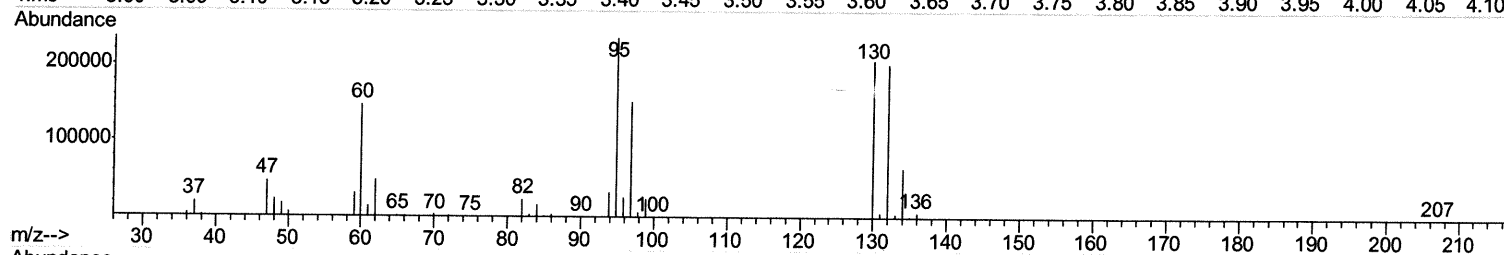
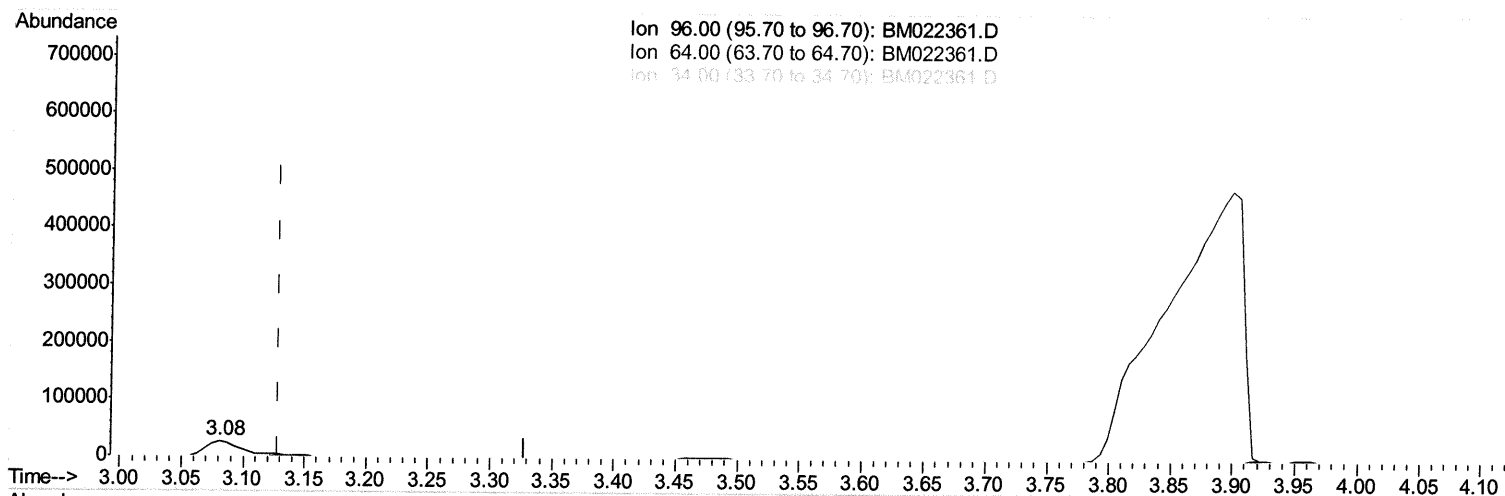
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022361.D
Acq On : 27 Aug 2019 10:42
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Sample : K4414-07
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ALS Vial : 39 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations
APPROVED

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

3.081min (-0.047) 62.54ng/uL

response 49778

Ion	Exp%	Act%
96.00	100	100
64.00	64.80	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

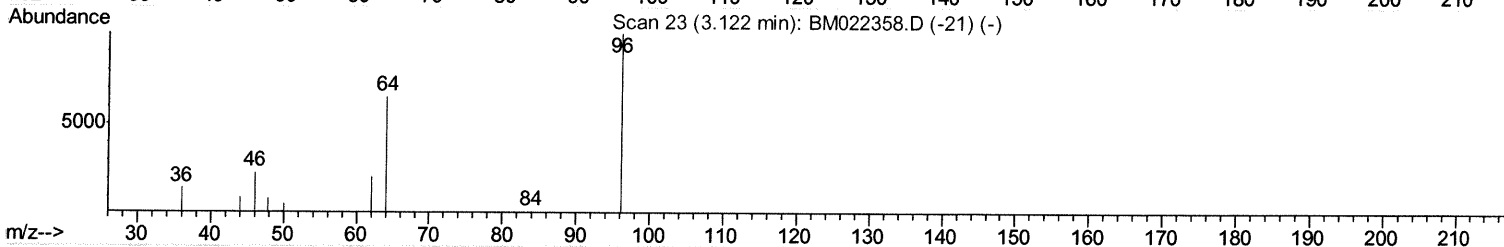
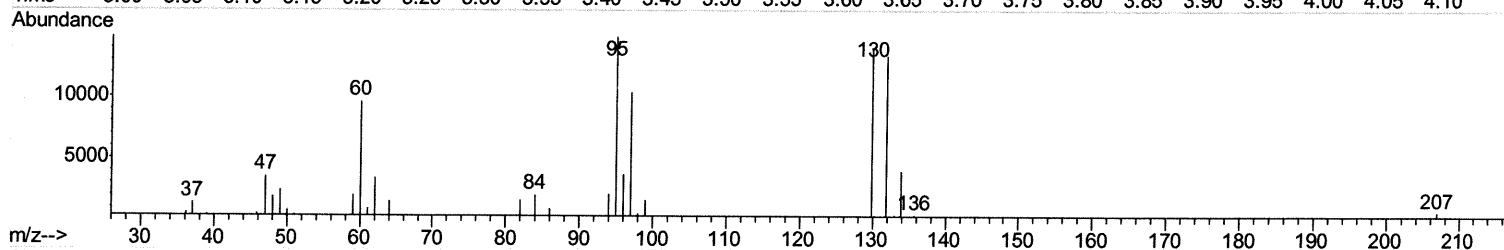
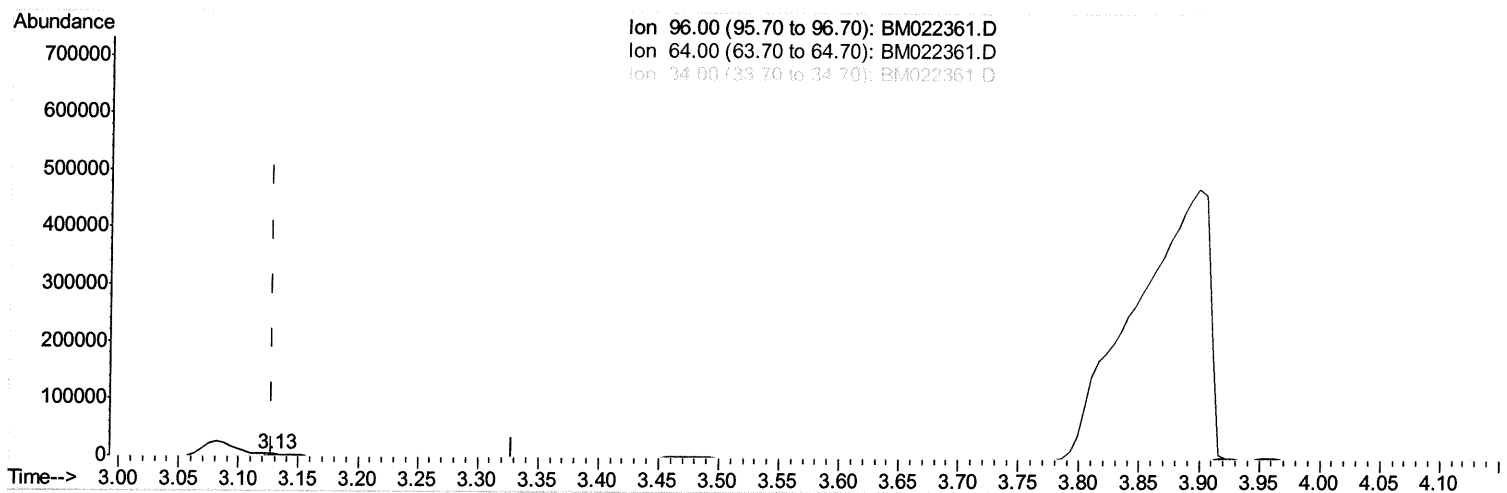
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 Data File : BM022361.D
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 Operator : HP/JU
 Sample : K4414-07
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 ALS Vial : 39 Sample Multiplier: 1

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 ClientSampleId :
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TIC: BM022361.D

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

3.128min (-0.000) 6.04ng/uL m

JU
 08/28/19

response 4810

Ion	Exp%	Act%
96.00	100	100
64.00	64.80	40.85#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

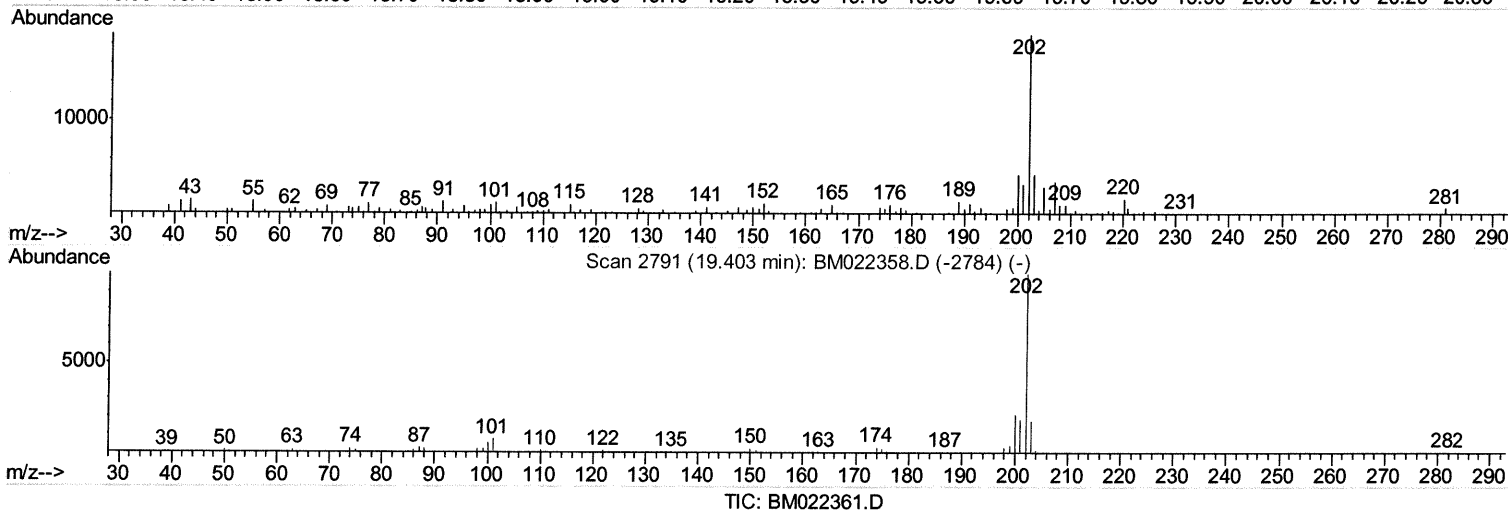
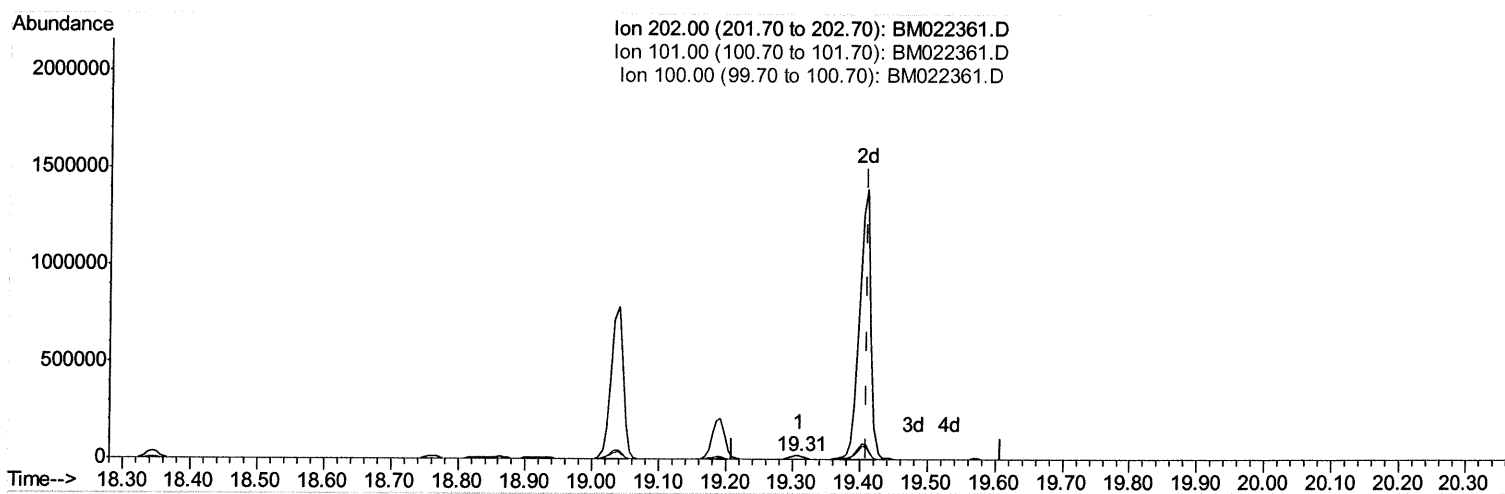
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Data File : BM022361.D
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Operator : HP/JU
Sample : K4414-07
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ALS Vial : 39 Sample Multiplier: 1

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(79) Pyrene

19.309min (-0.100) 1.55ng/ul

response 23409

Ion	Exp%	Act%
202.00	100	100
101.00	8.70	7.59
100.00	7.30	6.34
0.00	0.00	0.00

Quantitation Report (Qedit)

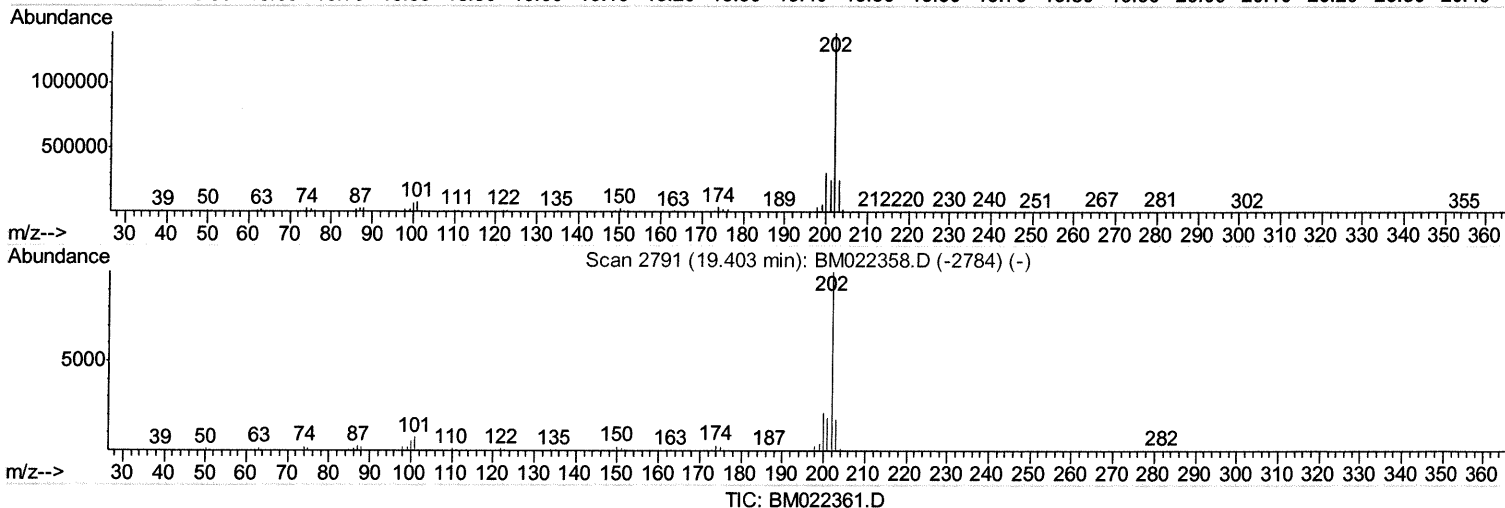
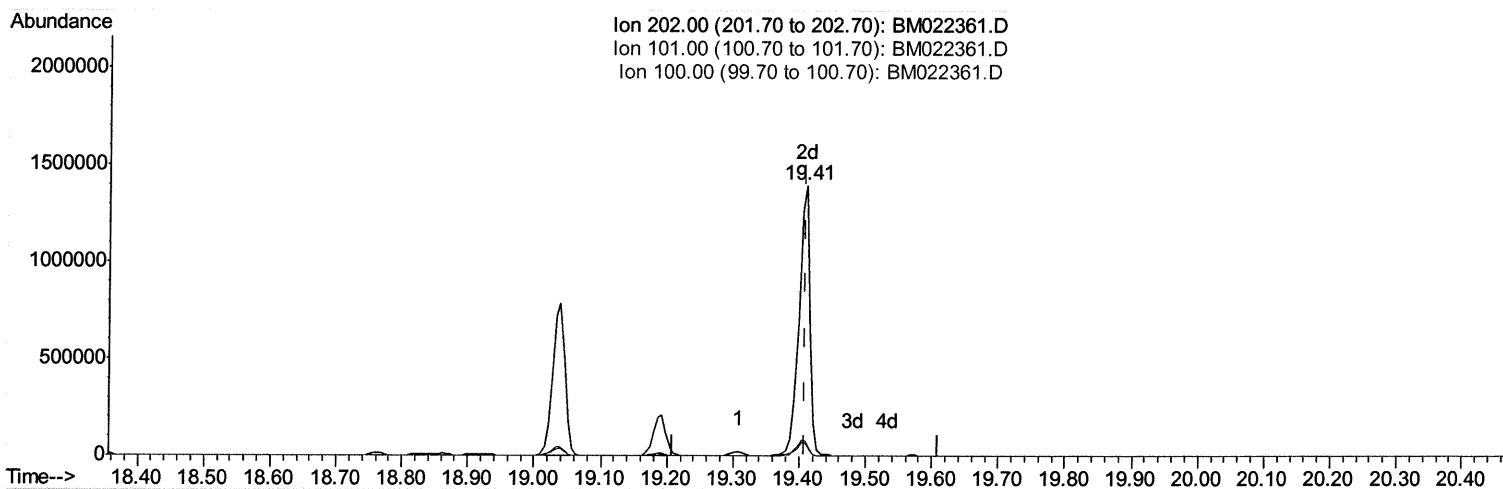
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(79) Pyrene

19.409min (-0.000) 107.46ng/ul m *JU* 08/28/19

response 1625663

Ion	Exp%	Act%
202.00	100	100
101.00	8.70	5.49#
100.00	7.30	4.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

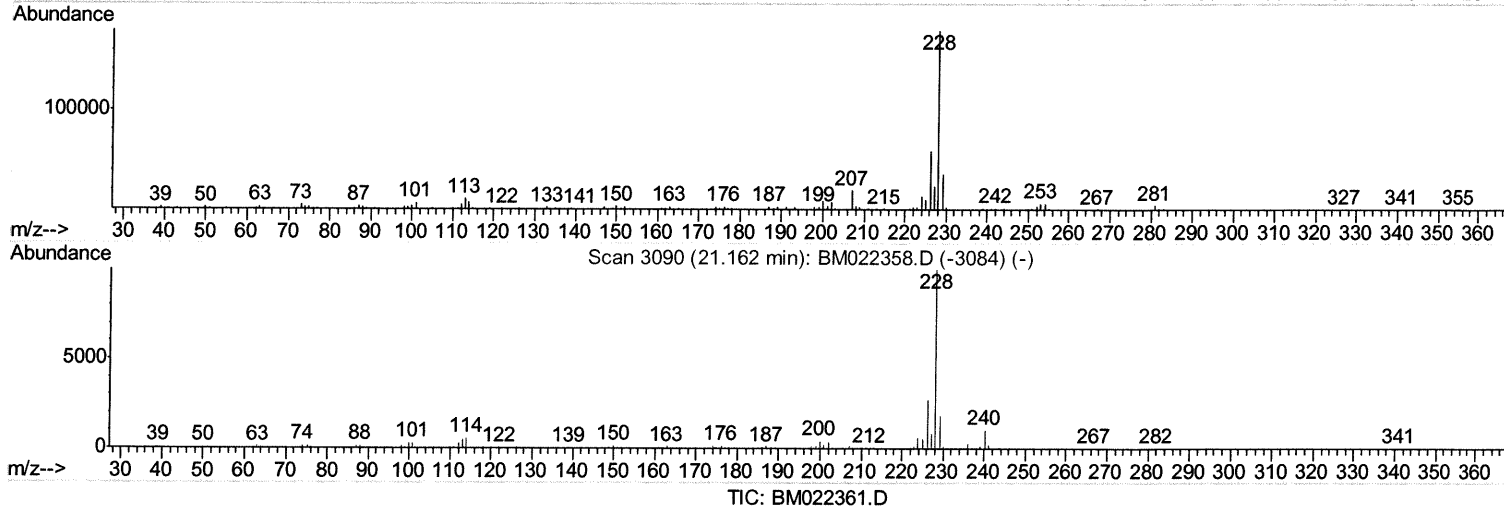
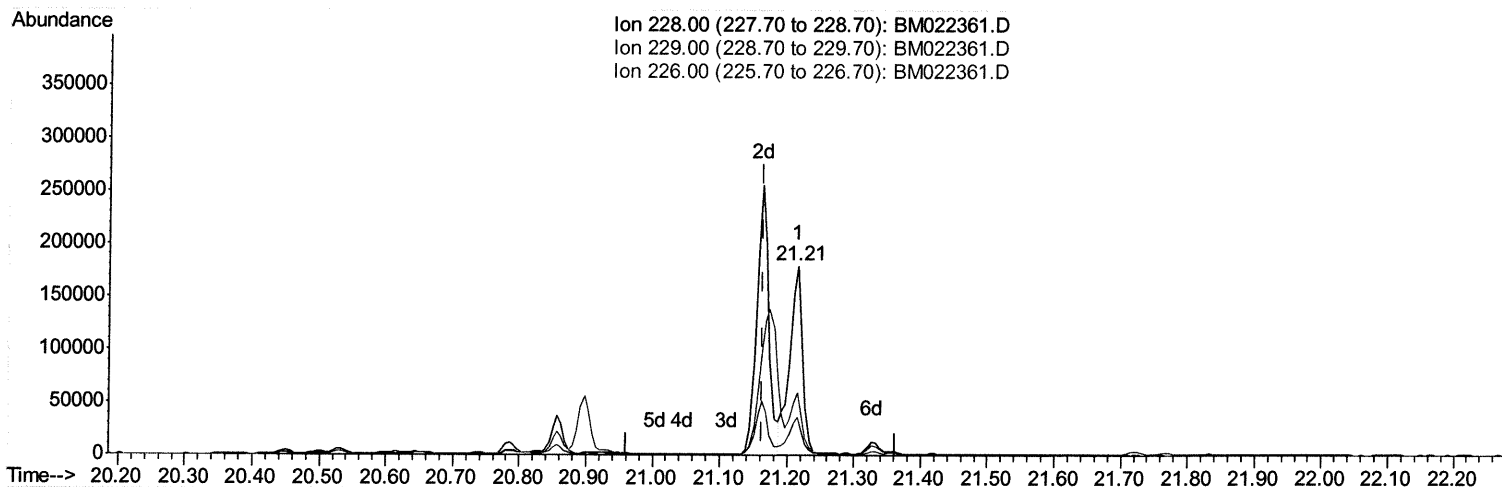
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022361.D
 Acq On : 27 Aug 2019 10:42
 Operator : HP/JU
 Sample : K4414-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJR1

Manual Integrations
 APPROVED

mohammad
 8/28/2019 10:11:49 AM

Quant Time: Aug 27 18:02:59 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



(82) Benzo(a)anthracene

21.215min (+0.053) 13.47ng/ul

response 237038

Ion	Exp%	Act%
228.00	100	100
229.00	19.00	20.10
226.00	27.90	32.94
0.00	0.00	0.00

Quantitation Report (Qedit)

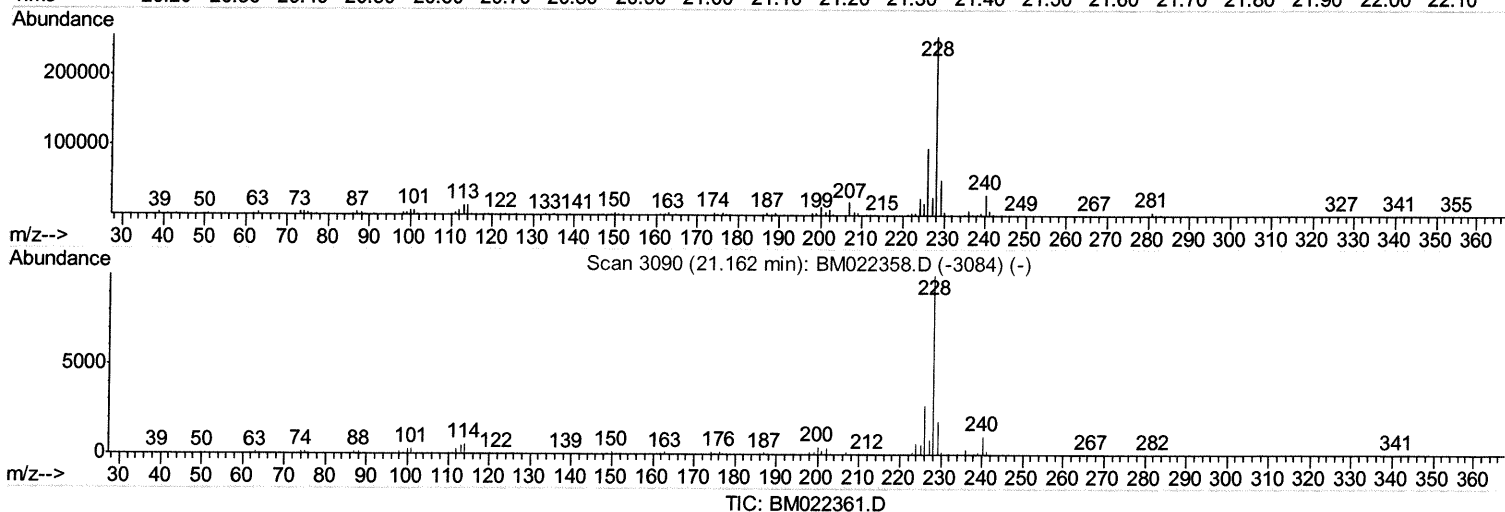
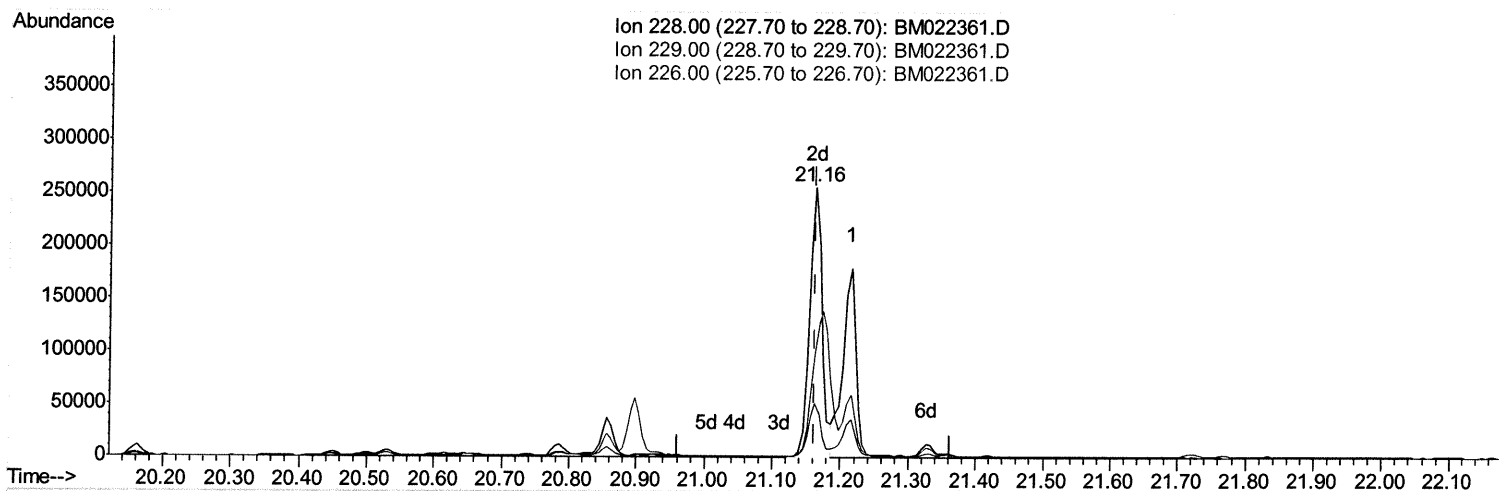
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022361.D
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(82) Benzo(a)anthracene

21.162min (-0.000) 18.56ng/ul m *JU 08/28/19*

response 326516

Ion	Exp%	Act%
228.00	100	100
229.00	19.00	20.04
226.00	27.90	37.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

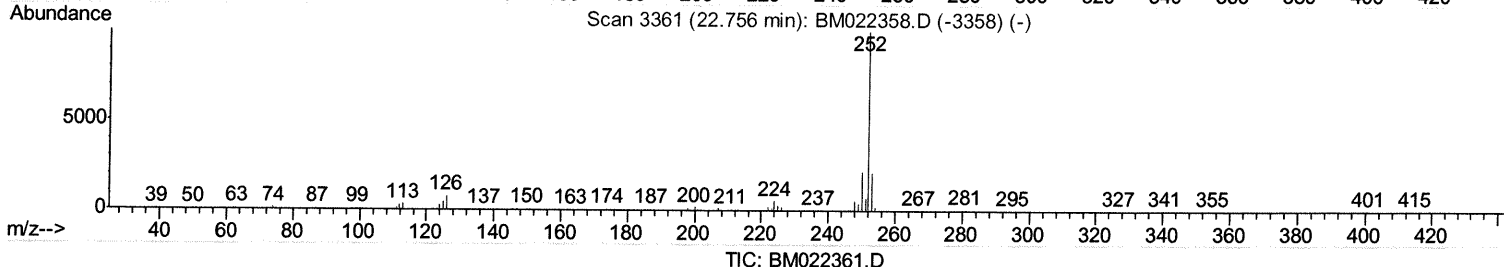
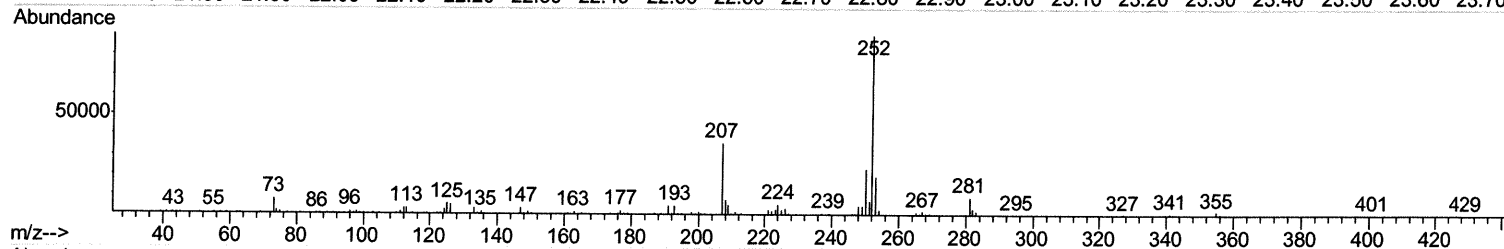
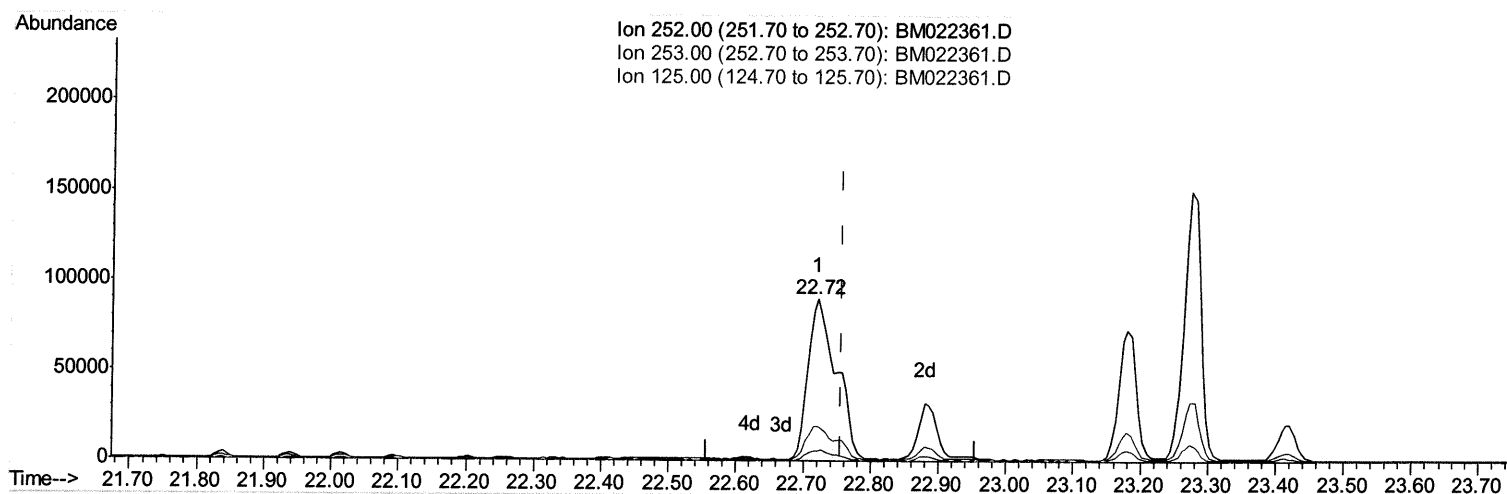
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022361.D
 Acq On : 27 Aug 2019 10:42
 Operator : HP/JU
 Sample : K4414-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Quant Time: Aug 27 18:02:59 2019
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 Quant Title : SVOA CALIBRATION
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(88) Benzo(k)fluoranthene

22.721min (-0.035) 14.18ng/ul

response 196401

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	21.35
125.00	6.40	6.17
0.00	0.00	0.00

Quantitation Report (Qedit)

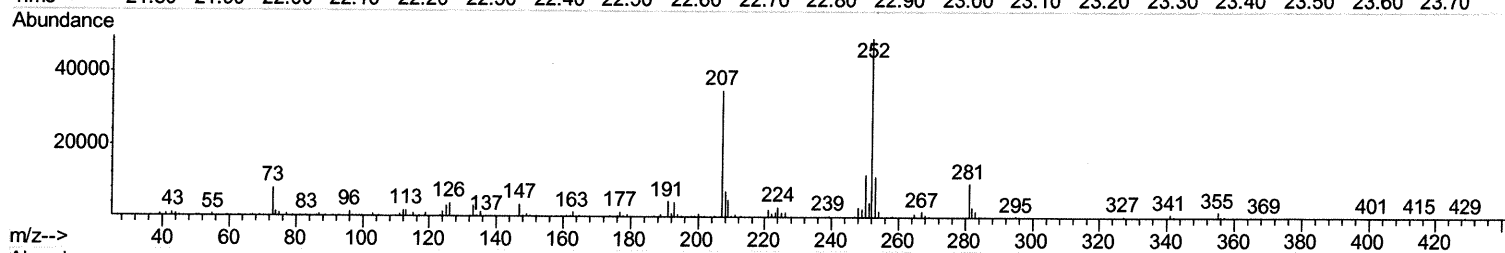
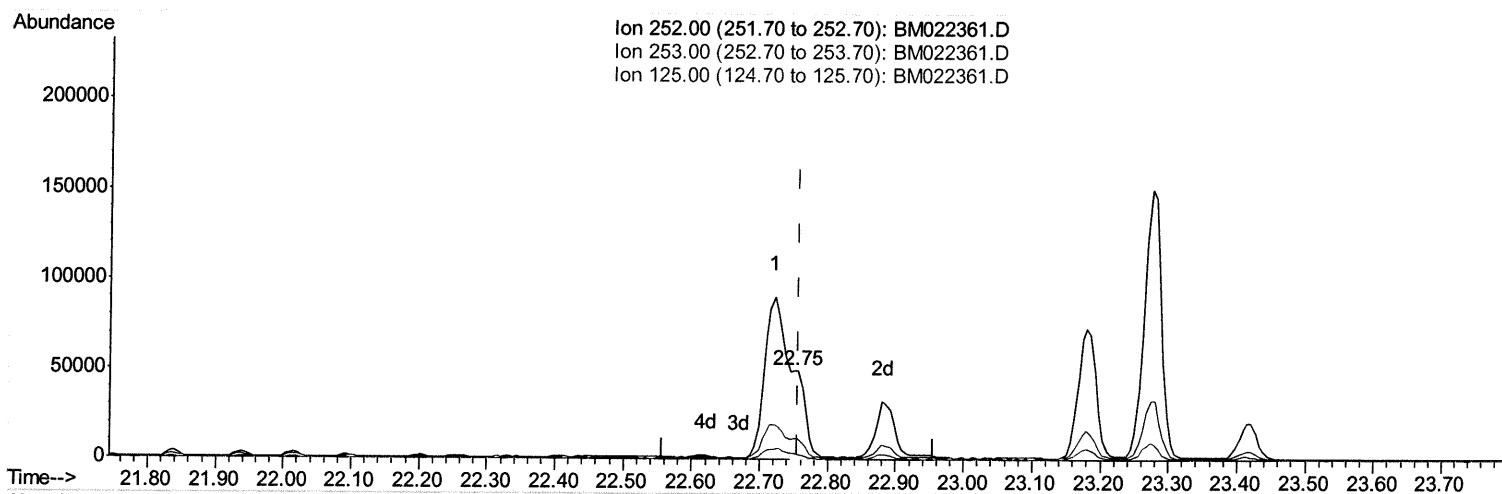
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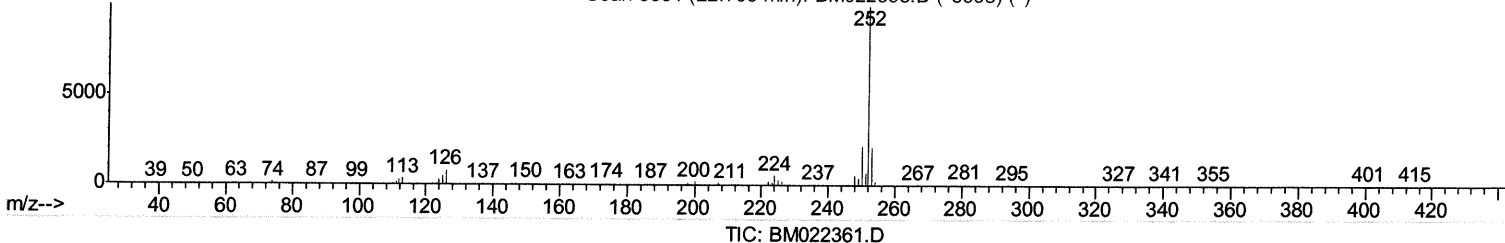
Manual Integrations
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8/28/2019 10:11:49 AM

Quant Time: Aug 27 18:02:59 2019
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Scan 3361 (22.756 min): BM022358.D (-3358) (-)



(88) Benzo(k)fluoranthene

22.750min (-0.006) 4.71ng/ul m

JU
08/28/19

response 65221

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.10
125.00	6.40	6.72
0.00	0.00	0.00

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Quant Time: Aug 27 18:57:12 2019
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	35620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	247250m	20.00	ng/ul	0.06
35) Acenaphthene-d10	14.20	164	113371	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	254412	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	233732	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	205304	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4810m	6.04	ng/uL	0.00
5) Phenol-d5	6.77	99	28742	9.35	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.91	67	57025	31.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	69965	28.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	52689	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	44432	24.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	51900	24.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	94241	21.58	ng/ul	0.02
29) 4-Chloroaniline-d4	10.47	131	19380m	3.65	ng/ul	-0.02
43) Dimethylphthalate-d6	13.63	166	349168	34.97	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	383482	35.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	15785m	10.67	ng/ul	0.03
57) Fluorene-d10	15.20	176	302401	36.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	51440	26.20	ng/ul	0.00
70) Anthracene-d10	17.06	188	516736	38.36	ng/ul	-0.01
78) Pyrene-d10	19.37	212	587030	48.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	425411	37.72	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.80	94	42819	13.008	ng/ul	90
11) 2-Methylphenol	8.02	108	80211	30.942	ng/ul	83
14) Acetophenone	8.38	105	79966	17.361	ng/ul	93
16) 4-Methylphenol	8.33	108	80290	28.170	ng/ul	92
21) Isophorone	9.30	82	185967	18.795	ng/ul	99
24) 2,4-Dimethylphenol	9.57	107	22521m	4.075	ng/ul	
28) Naphthalene	10.40	128	52369812m	3838.075	ng/ul	
34) 2-Methylnaphthalene	12.00	142	2024522	192.573	ng/ul	96
40) 1,1'-Biphenyl	13.02	154	345511	37.448	ng/ul	99
44) Dimethylphthalate	13.67	163	21296	2.096	ng/ul#	98
47) Acenaphthylene	13.93	152	1342508	120.393	ng/ul	99
49) Acenaphthene	14.26	153	84188	10.634	ng/ul	98
53) Dibenzofuran	14.60	168	18948	1.607	ng/ul	89
58) Fluorene	15.26	166	421557	42.445	ng/ul	100
69) Phenanthrene	17.02	178	2913136	191.401	ng/ul	99
71) Anthracene	17.10	178	509786	32.187	ng/ul	99
74) Carbazole	17.39	167	89485	6.255	ng/ul	99
76) Fluoranthene	19.04	202	1002341	43.702	ng/ul#	97
79) Pyrene	19.41	202	1625663m	107.456	ng/ul	
82) Benzo(a)anthracene	21.16	228	326516m	18.561	ng/ul	
84) Chrysene	21.21	228	238275	14.486	ng/ul	97
87) Benzo(b)fluoranthene	22.72	252	196401	13.752	ng/ul	100
88) Benzo(k)fluoranthene	22.75	252	65221m	4.709	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	23.27	252	257921	18.947	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.55	276	107897	6.826	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.56	278	21613	1.611	ng/ul#	92
93) Benzo(a,h,i)perylene	26.22	276	135575	11.243	ng/ul	98

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

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