

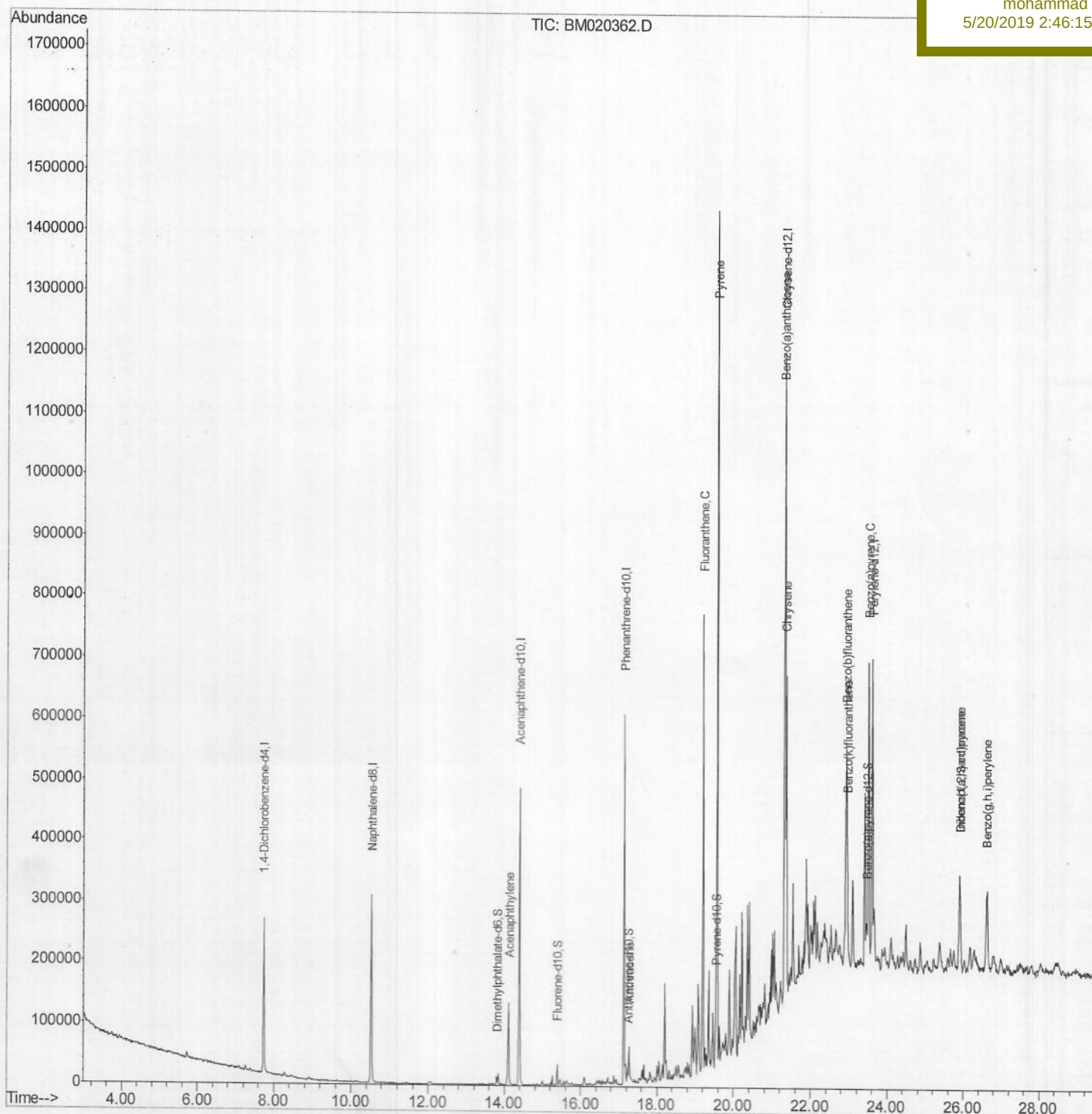
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020362.D
Acq On : 17 May 2019 13:23
Operator : JU/SJ
Sample : K2604-19DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 03:51:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample ID :
GAJ90DL

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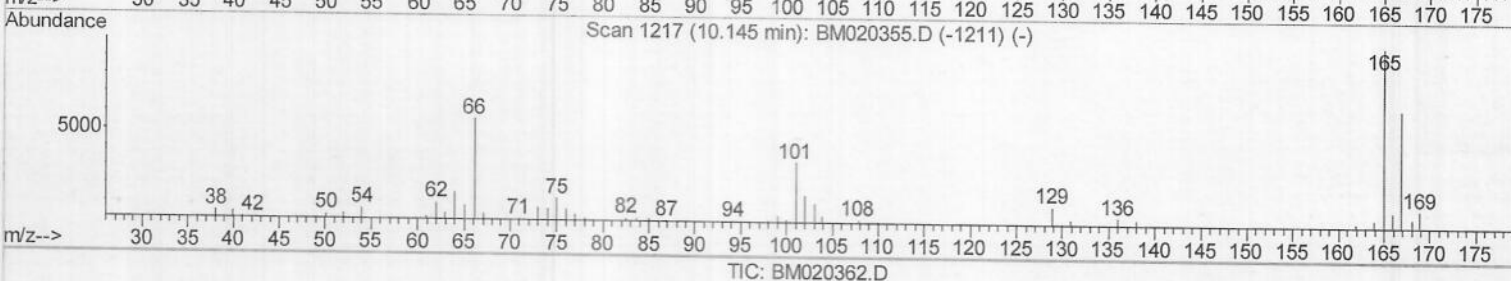
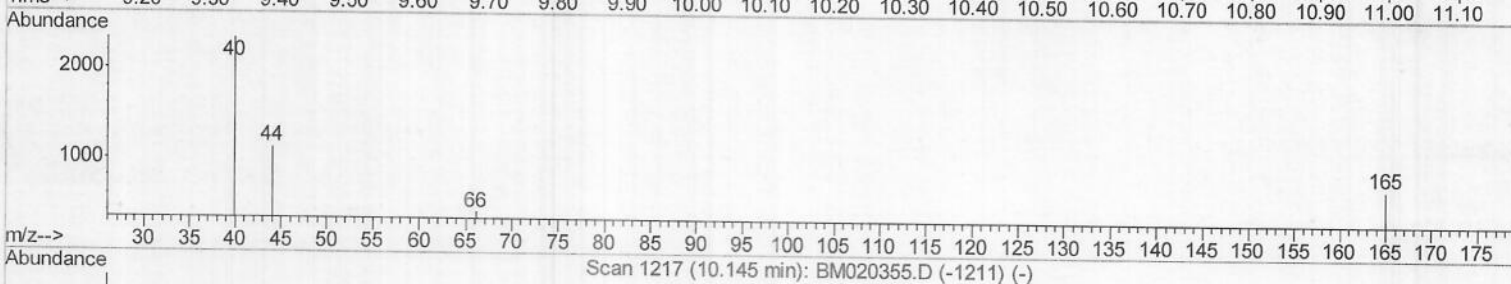
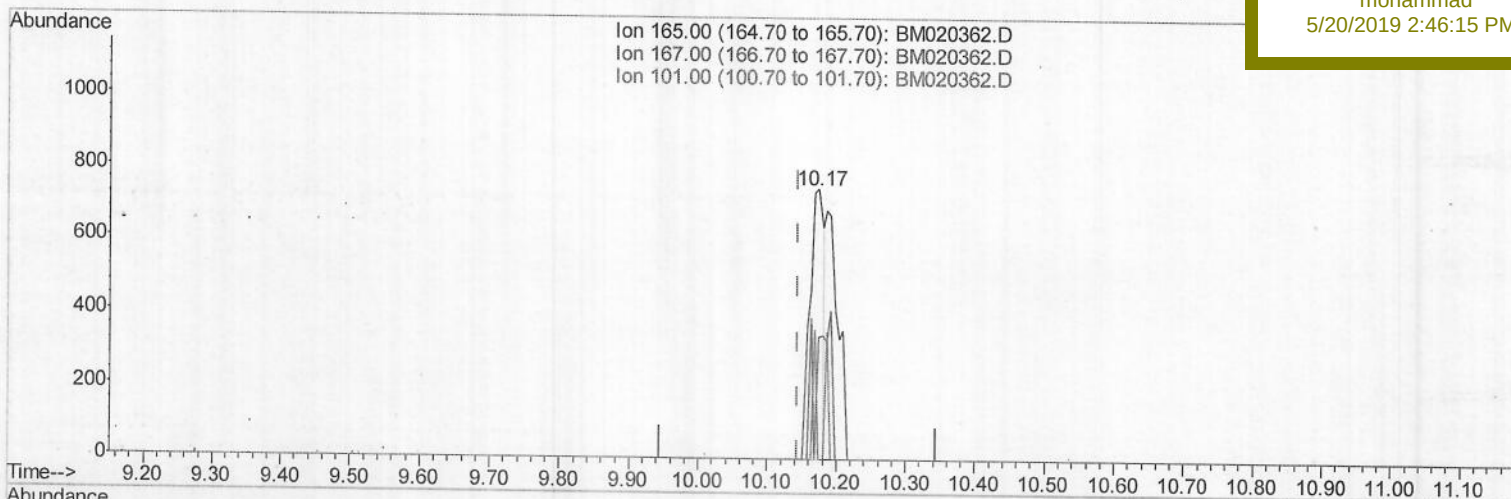
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(26) 2,4-Dichlorophenol-d3 (S)

10.175min (+0.029) 0.26ng/ul

response 1034

Ion	Exp%	Act%
165.00	100	100
167.00	65.00	45.34#
101.00	34.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : K2604-19DL 20X

Misc :

ALS Vial : 9 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

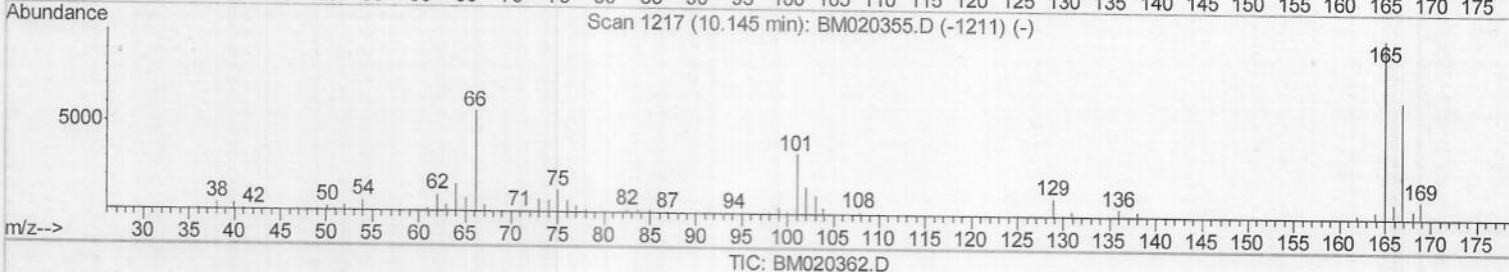
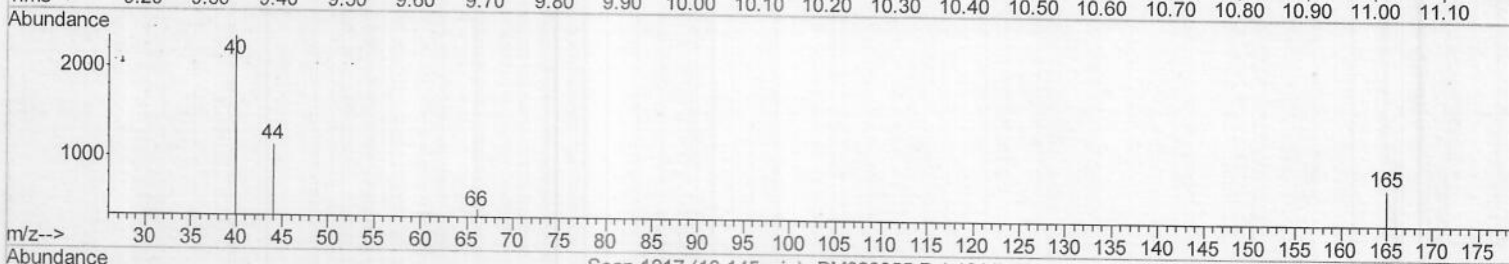
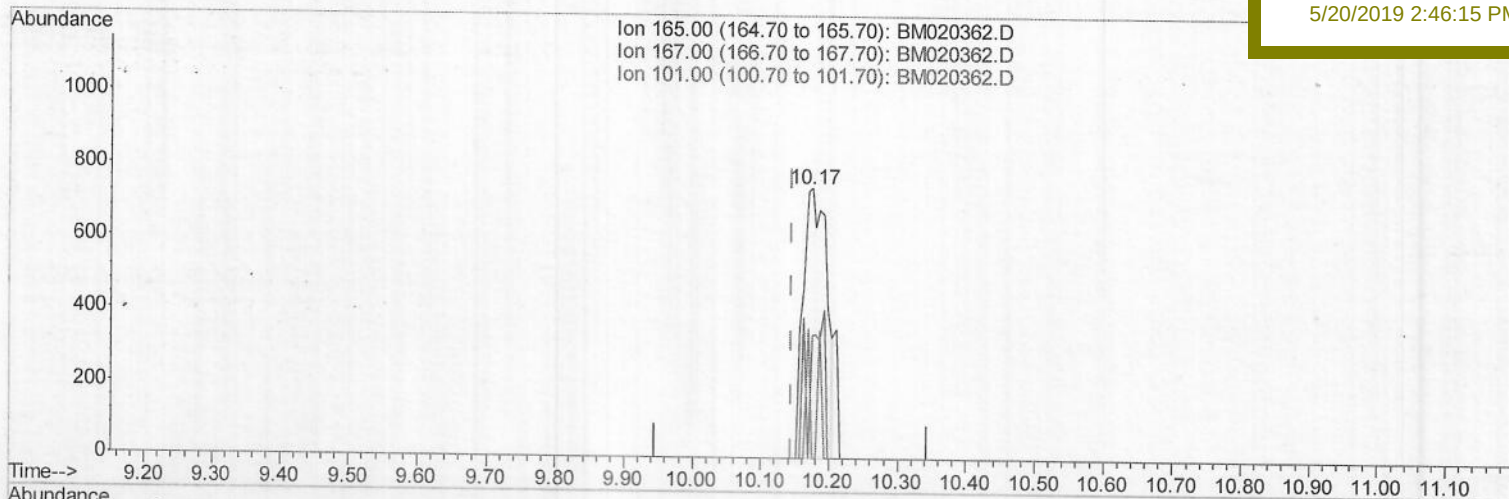
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Manual Integrations

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

10.175min (+0.029) 0.44ng/ul m

JU05/21/19

response 1770

Ion	Exp%	Act%
165.00	100	100
167.00	65.00	45.34#
101.00	34.80	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020362.D

Acq On : 17 May 2019 13:23

Operator : JU/SJ

Sample : K2604-19DL 20X

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 02:55:40 2019

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Instrument :

BNA_M

ClientSampleId :

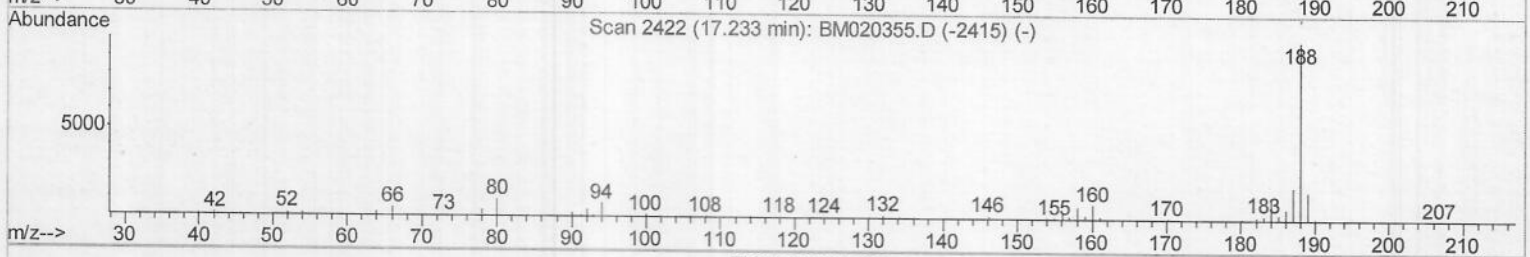
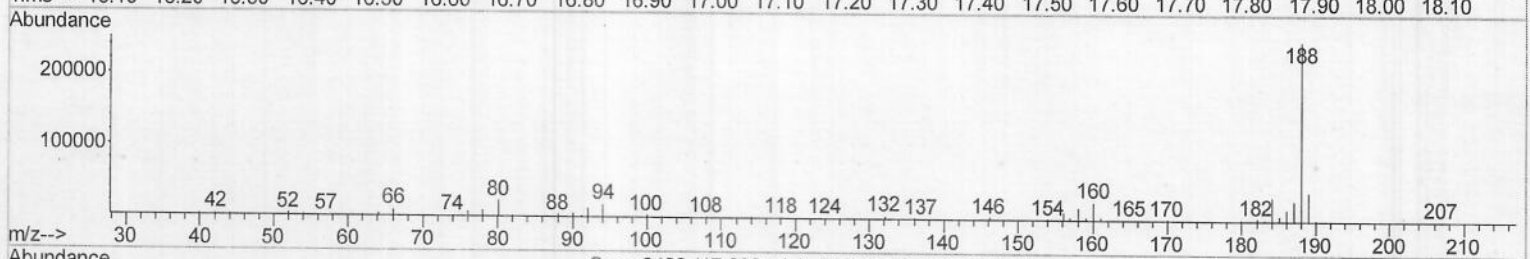
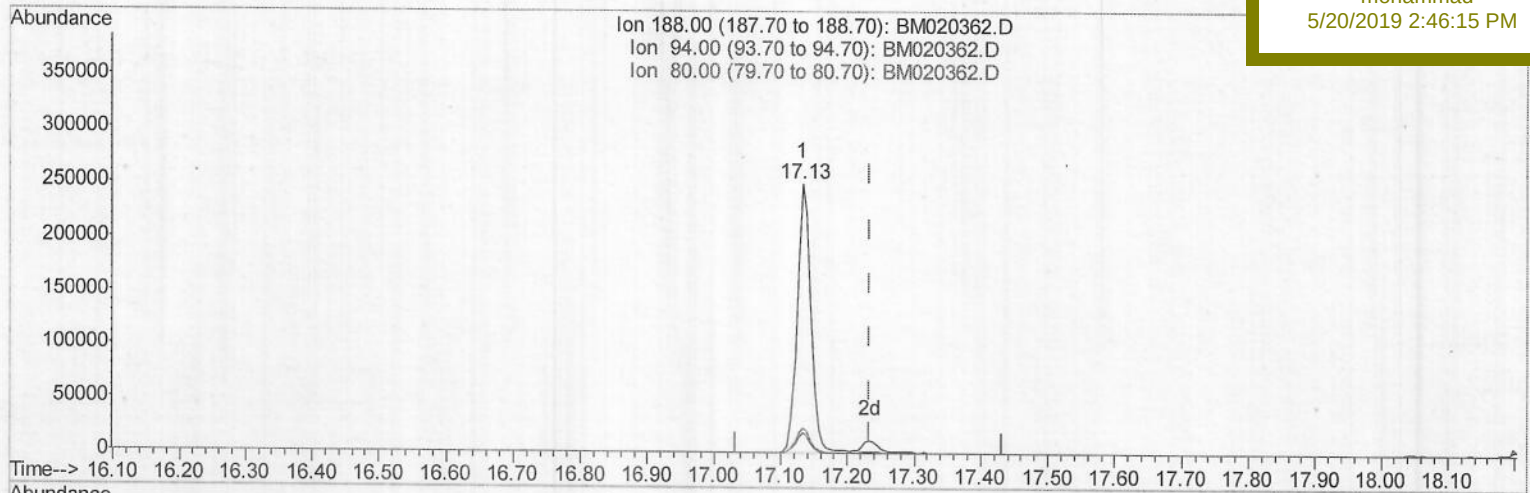
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Manual Integrations

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TIC: BM020362.D

(70) Anthracene-d10 (S)

17.133min (-0.100) 23.31ng/ul

response 361682

Ion	Exp%	Act%
188.00	100	100
94.00	8.10	7.18
80.00	9.20	8.93
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020362.D

Acq On : 17 May 2019 13:23

Operator : JU/SJ

Sample : K2604-19DL 20X

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 02:55:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

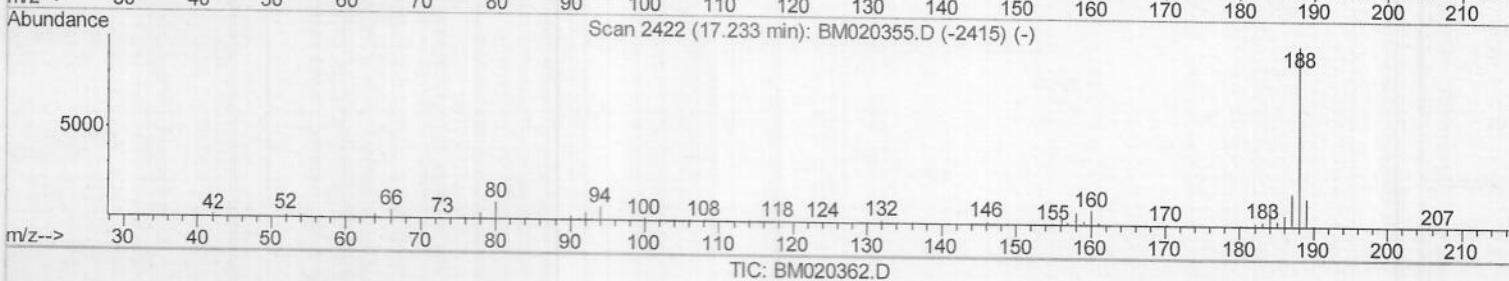
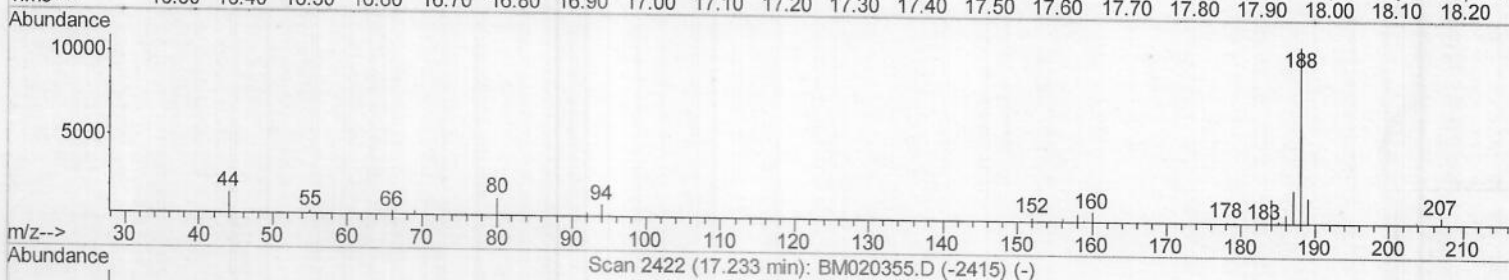
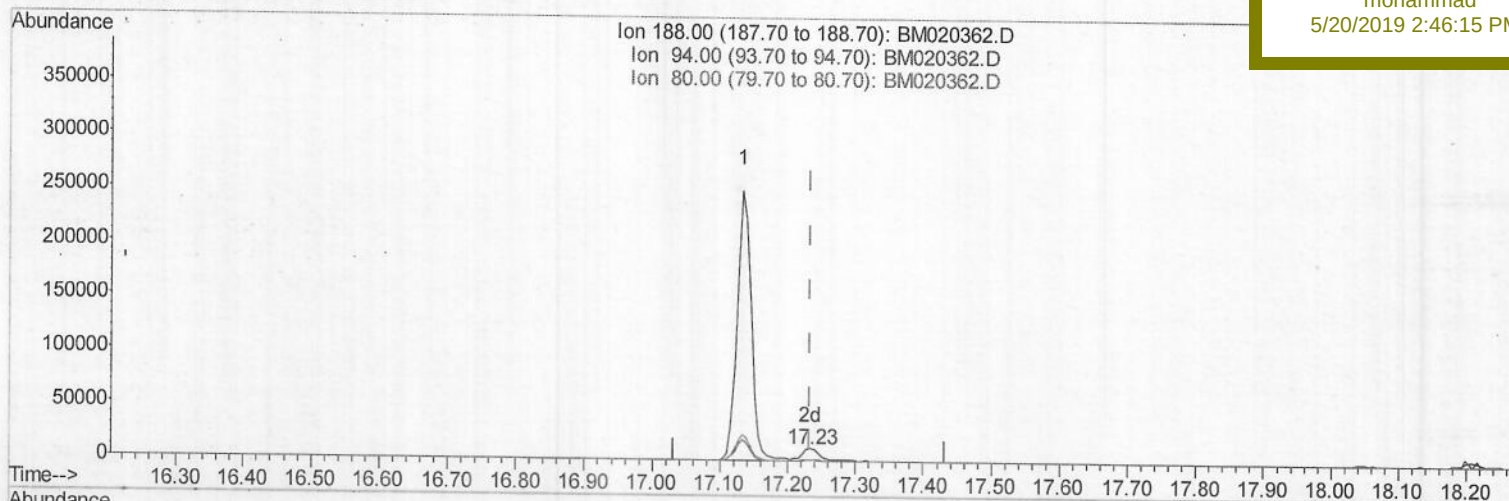
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Manual Integrations

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(70) Anthracene-d10 (S)

17.233min (-0.000) 1.29ng/ul m) 5005/21/19

response 20023

Ion	Exp%	Act%
188.00	100	100
94.00	8.10	9.50
80.00	9.20	12.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020362.D

Acq On : 17 May 2019 13:23

Operator : JU/SJ

Sample : K2604-19DL 20X

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 02:55:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

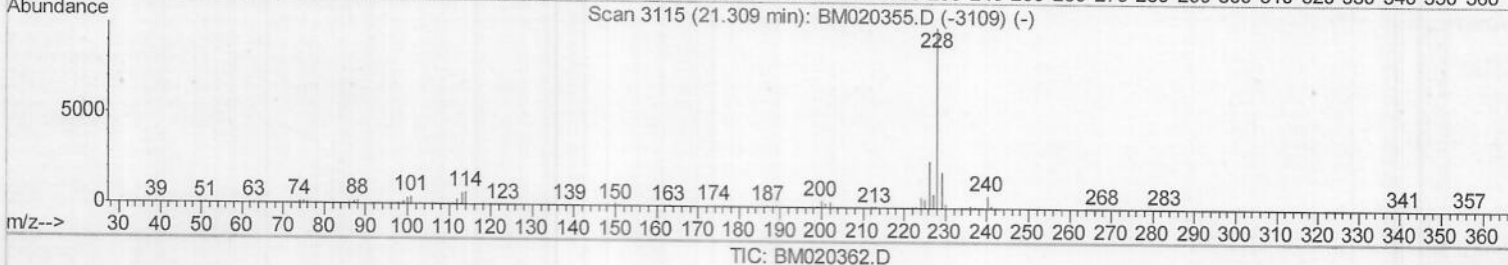
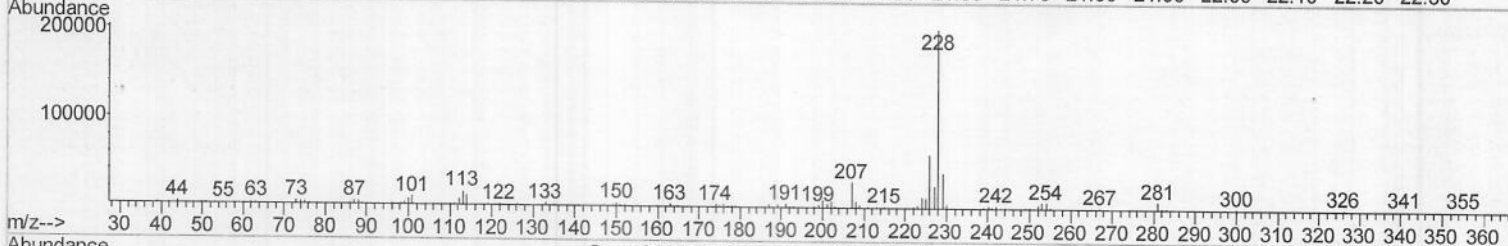
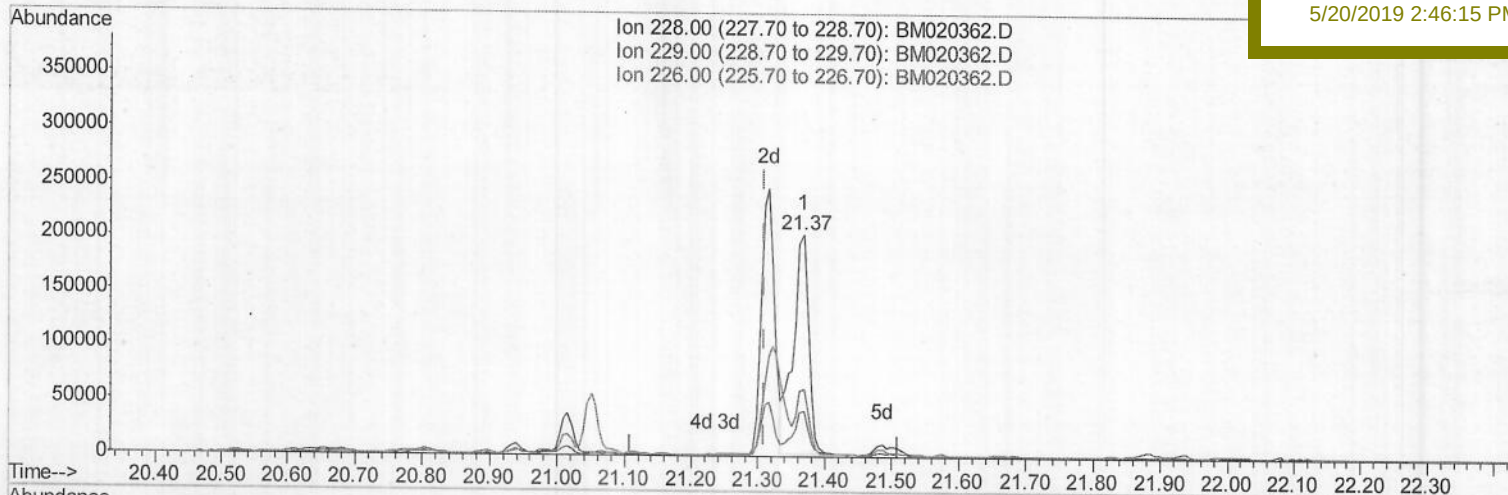
GAJ90DL

Manual Integrations

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(82) Benzo(a)anthracene

21.368min (+0.059) 15.24ng/ul

response 327117

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	20.22
226.00	25.70	30.04
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020362.D

Acq On : 17 May 2019 13:23

Operator : JU/SJ

Sample : K2604-19DL 20X

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 02:55:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sample ID :

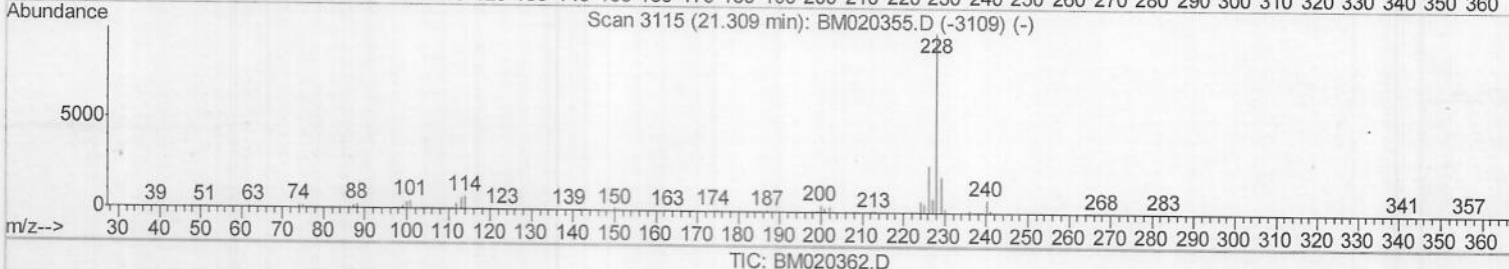
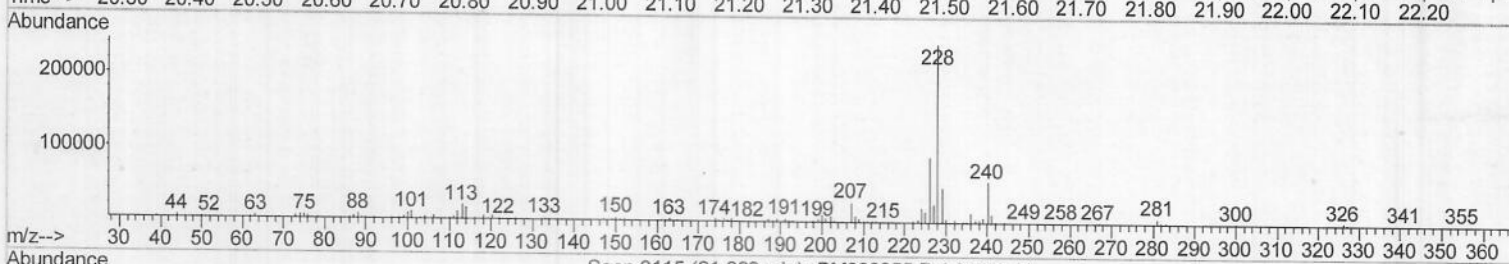
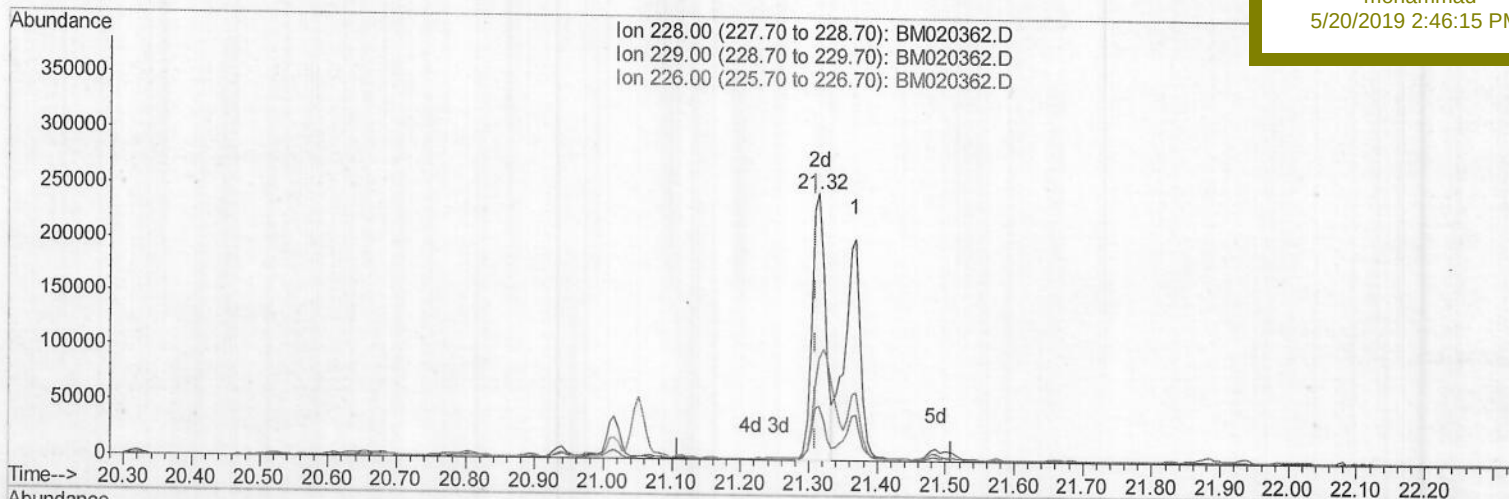
GAJ90DL

Manual Integrations

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(82) Benzo(a)anthracene

21.315min (+0.006) 15.64ng/ul m

J00512119

response 335753

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	20.13
226.00	25.70	37.18#
0.00	0.00	0.00

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Data File : BM020362.D

Acq On : 17 May 2019 13:23

Operator : JU/SJ

Sample : K2604-19DL 20X

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 02:55:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

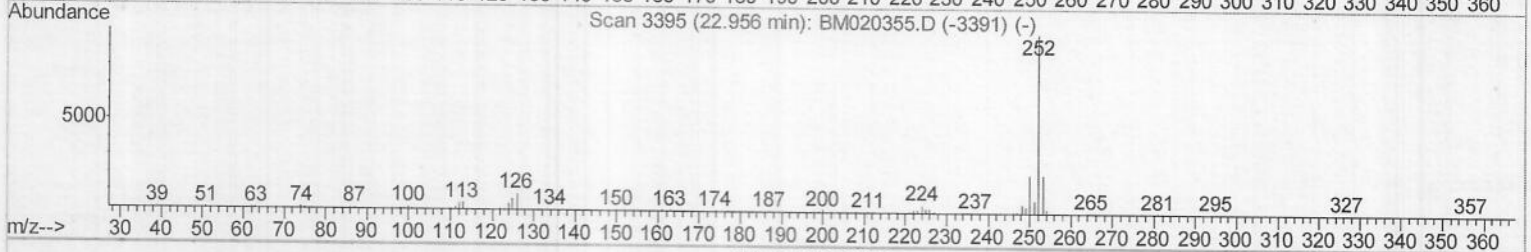
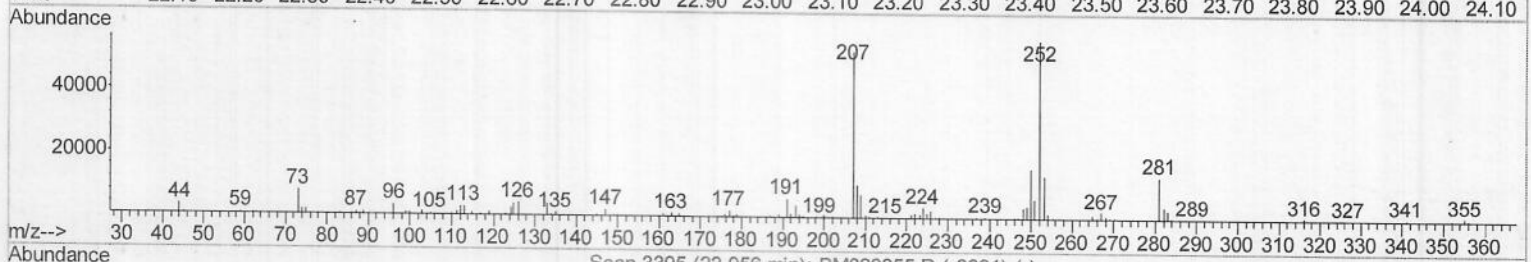
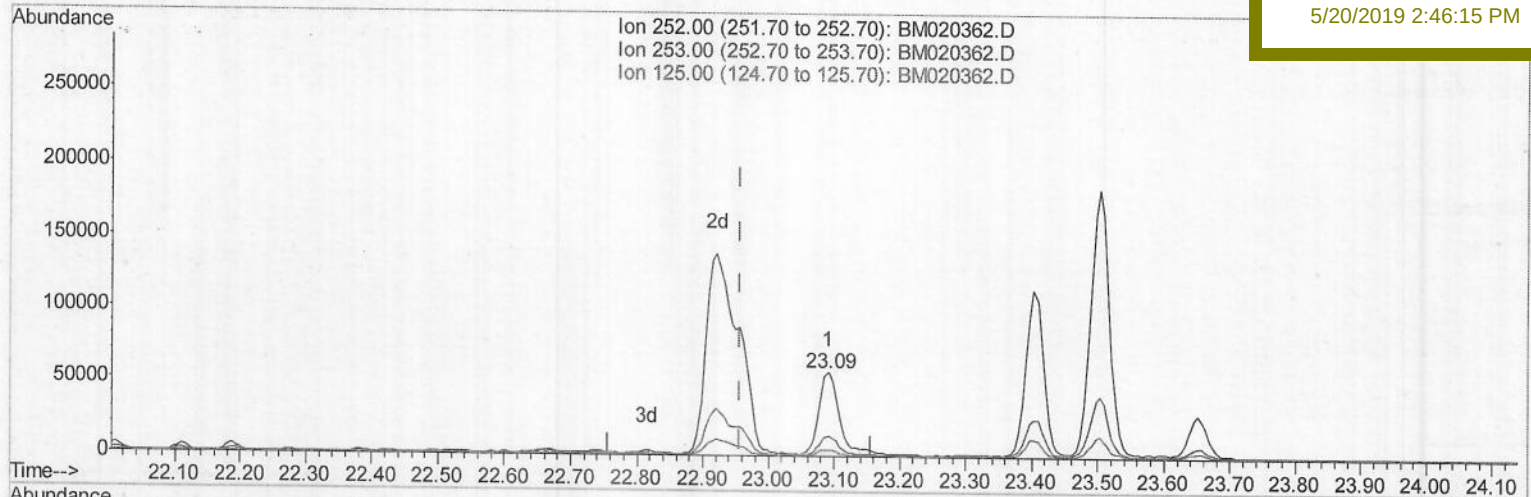
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Manual Integrations

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TIC: BM020362.D

(88) Benzo(k)fluoranthene

23.091min (+0.135) 5.18ng/ul

response 113464

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	24.10
125.00	6.30	7.51
0.00	0.00	0.00

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Data File : BM020362.D

Acq On : 17 May 2019 13:23

Operator : JU/SJ

Sample : K2604-19DL 20X

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 02:55:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

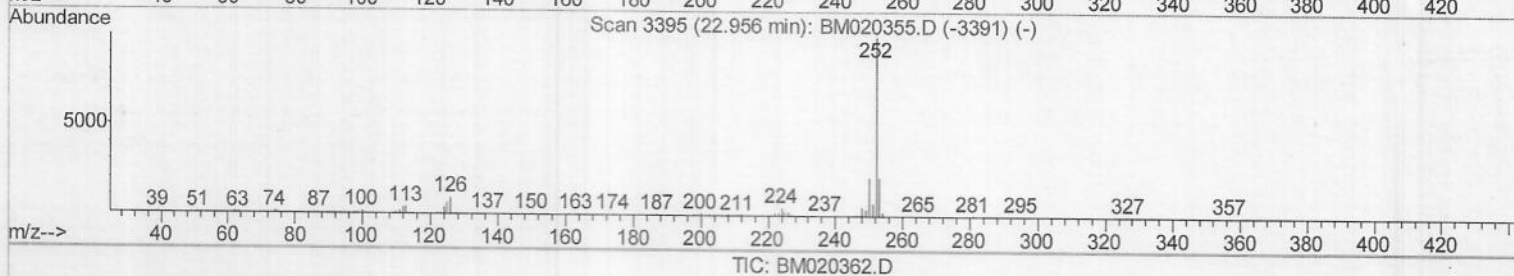
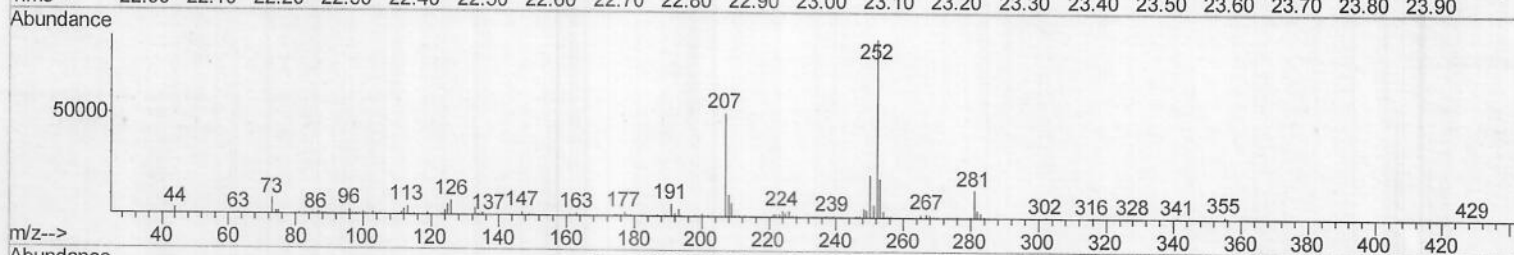
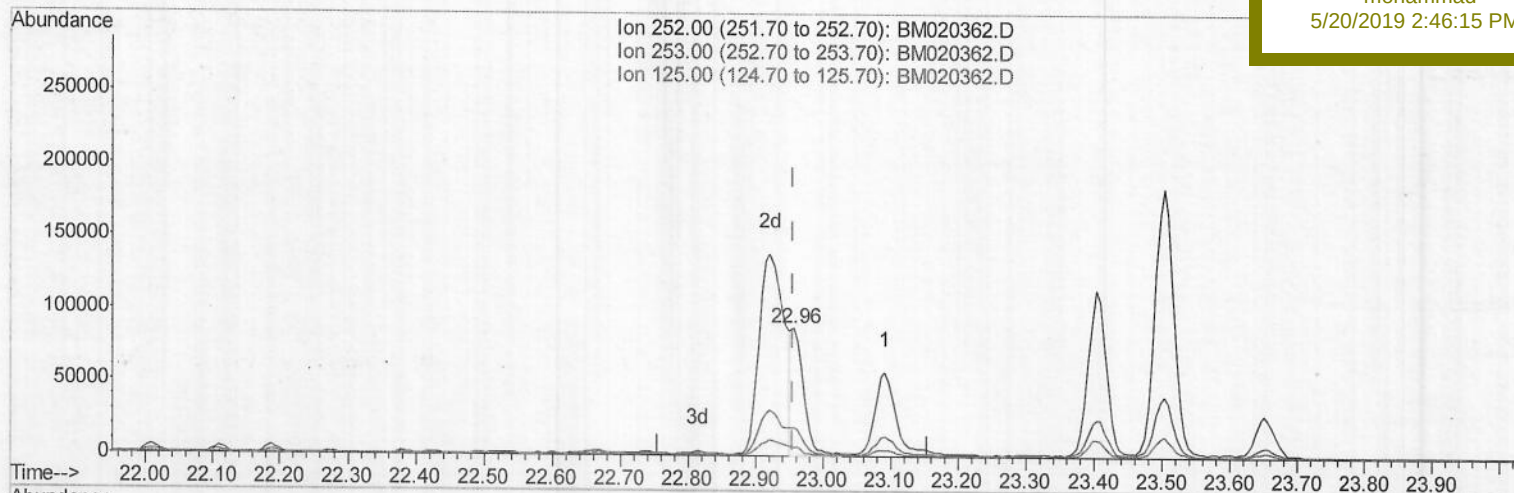
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Manual Integrations

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(88) Benzo(k)fluoranthene

22.956min (-0.000) 4.92ng/ul m

J005/21/19

response 107786

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.33
125.00	6.30	6.68
0.00	0.00	0.00

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 ClientSampleId :
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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	7.73	152	70791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	264100	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	158851	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	361682	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	356693	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	390436	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	114	0.06	ng/uL	0.00
5) Phenol-d5	6.91	99	3584	0.63	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	7.09	67	2446	0.68	ng/ul	0.01
9) 2-Chlorophenol-d4	7.27	132	3062	0.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	2172	0.53	ng/ul	0.02
19) Nitrobenzene-d5	8.91	128	757	0.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	635	0.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.17	165	1770m	0.44	ng/ul	0.03
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.80	166	11828	1.03	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	13892	0.97	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.38	176	11010	1.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.23	188	20023m	1.29	ng/ul	0.00
78) Pyrene-d10	19.53	212	20551	1.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	20030	1.13	ng/ul	0.00

Target Compounds

					Qvalue	
47) Acenaphthylene	14.11	152	102014	7.567	ng/ul	99
71) Anthracene	17.27	178	42963	2.451	ng/ul	99
76) Fluoranthene	19.20	202	421430	19.359	ng/ul	99
79) Pyrene	19.56	202	896740	41.885	ng/ul	98
82) Benzo(a)anthracene	21.32	228	335753m	15.639	ng/ul	
84) Chrysene	21.37	228	327117	15.944	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	361090	16.205	ng/ul#	97
88) Benzo(k)fluoranthene	22.96	252	107786m	4.925	ng/ul	
90) Benzo(a)pyrene	23.50	252	347428	16.567	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	175273	7.335	ng/ul	97
92) Pibenzo(a,h)anthracene	25.91	278	48011	2.350	ng/ul#	93
93) Benzo(g,h,i)perylene	26.61	276	177472	8.972	ng/ul#	97

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

JU05/21/19