

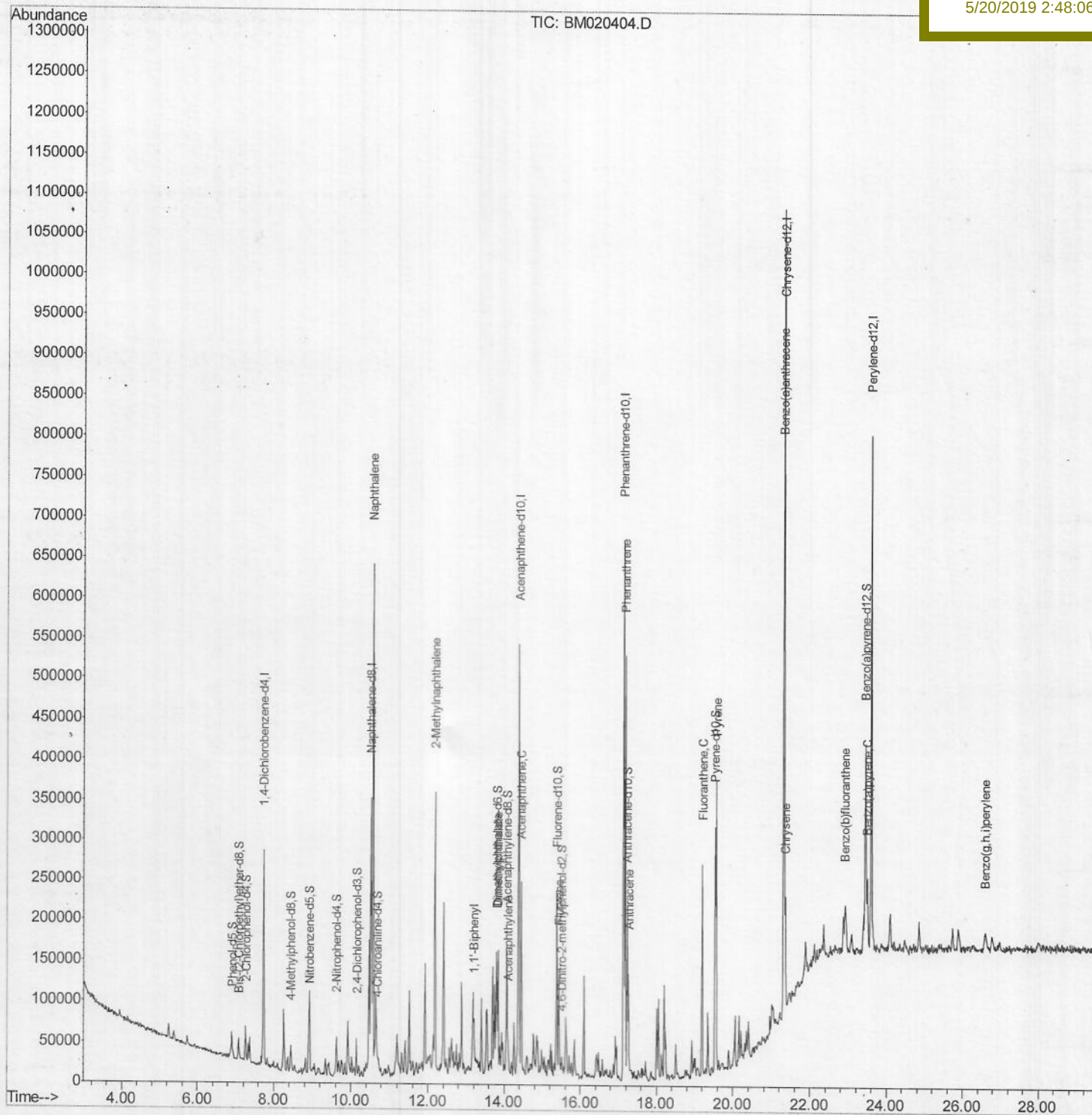
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020404.D
Acq On : 18 May 2019 16:37
Operator : JU/SJ
Sample : K2604-13MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 08:11:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
GAJ87MEDL

Manual Integrations
APPROVED

mohammad
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Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\

Data File : BM020404.D

Acq On : 18 May 2019 16:37

Operator : JU/SJ

Sample : K2604-13MEDL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 07:13:03 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

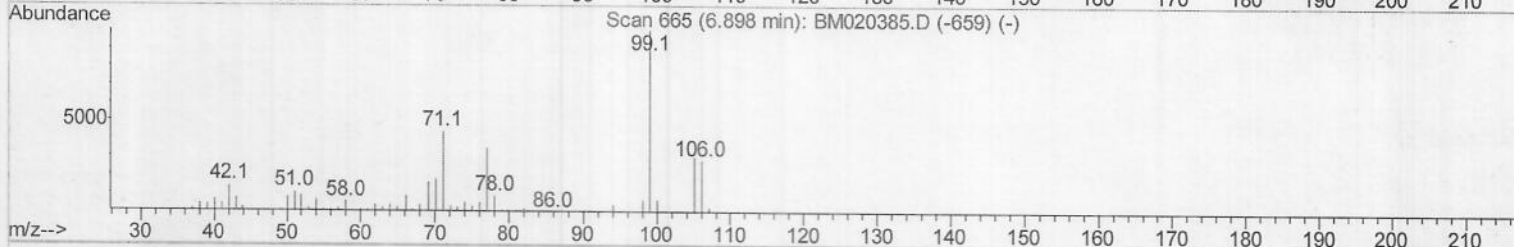
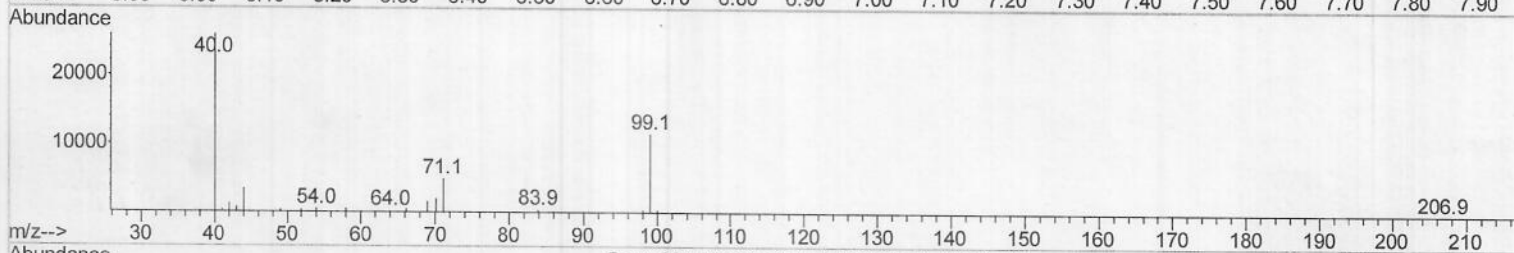
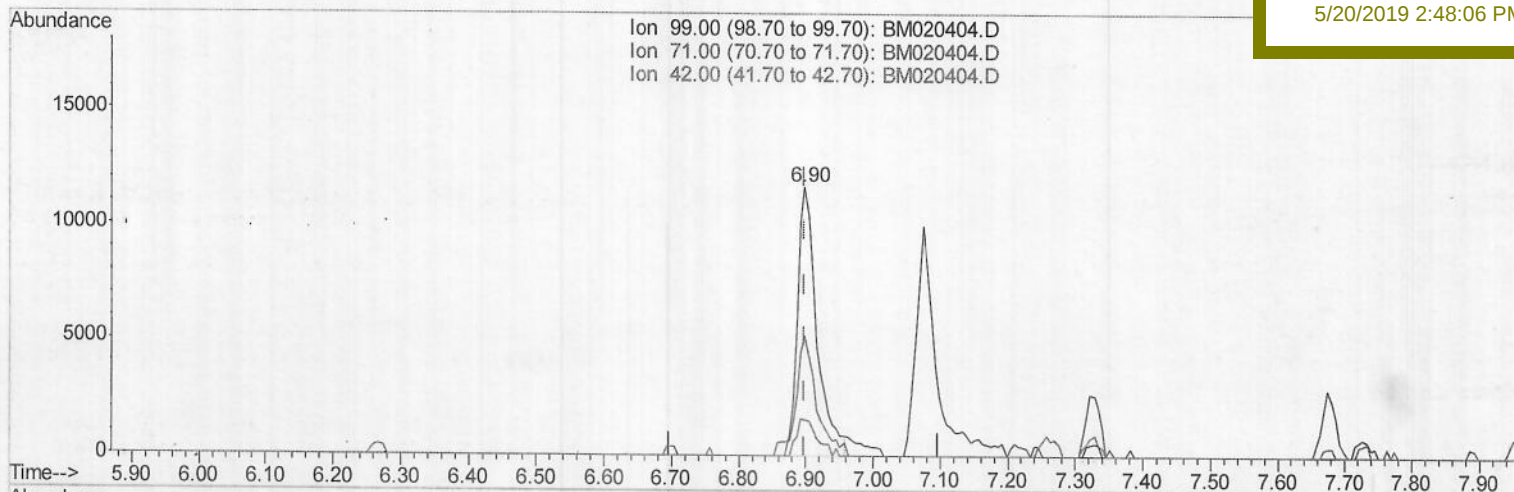
GAJ87MEDL

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TIC: BM020404.D

(5) Phenol-d5 (S)

6.898min (+0.000) 3.95ng/ul

response 22964

Ion	Exp%	Act%
99.00	100	100
71.00	45.30	44.05
42.00	14.50	13.32
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\

Data File : BM020404.D

Acq On : 18 May 2019 16:37

Operator : JU/SJ

Sample : K2604-13MEDL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 07:13:03 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

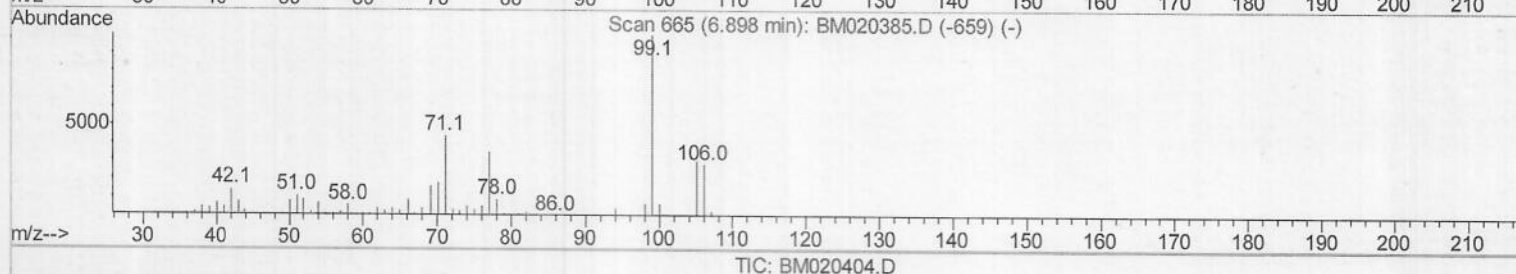
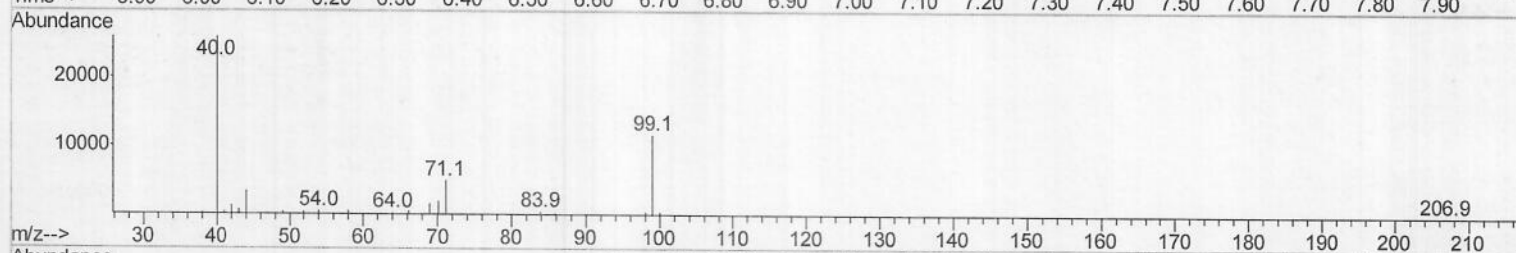
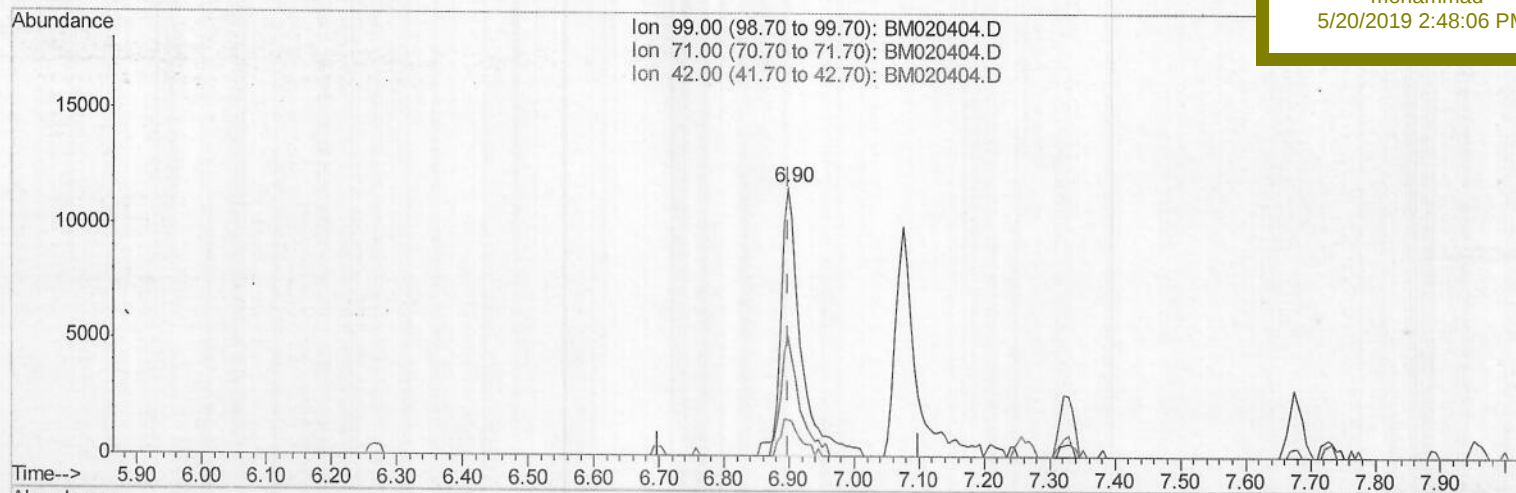
GAJ87MEDL

Manual Integrations

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(5) Phenol-d5 (S)

6.898min (+0.000) 4.22ng/ul m

JU 05/21/19

response 24543

Ion	Exp%	Act%
99.00	100	100
71.00	45.30	44.05
42.00	14.50	13.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\

Data File : BM020404.D

Acq On : 18 May 2019 16:37

Operator : JU/SJ

Sample : K2604-13MEDL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 07:13:03 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

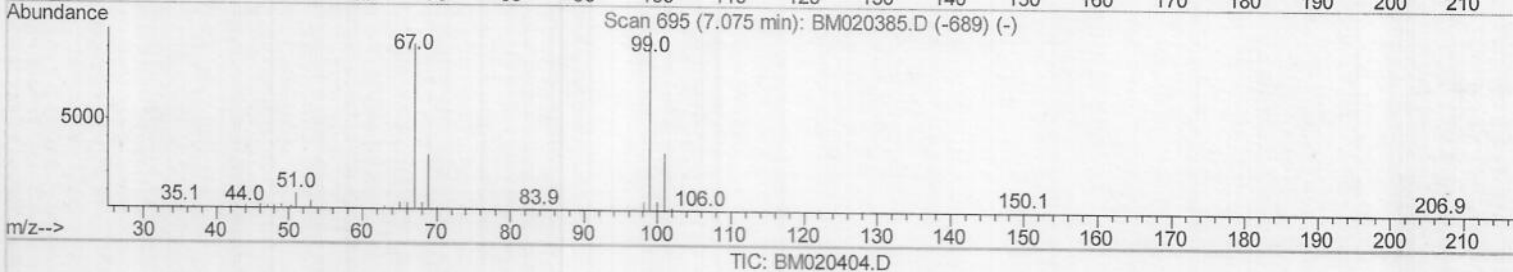
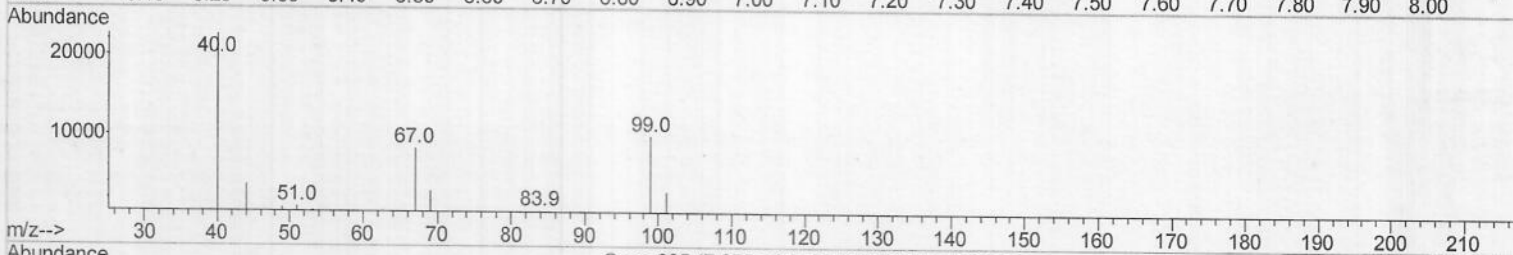
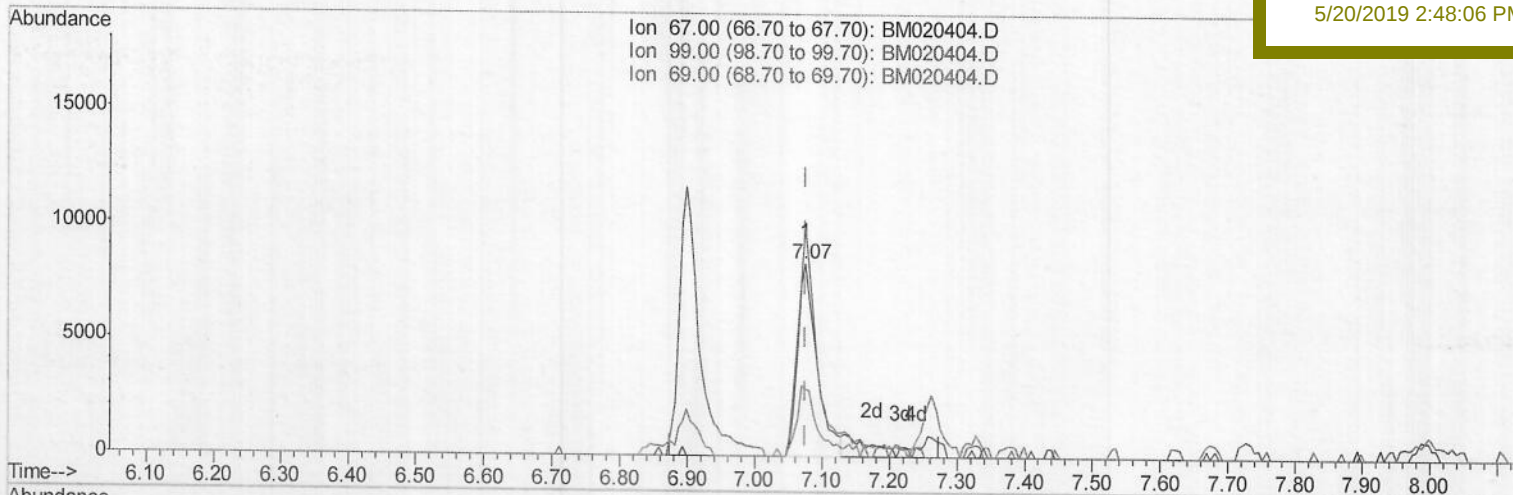
GAJ87MEDL

Manual Integrations

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(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.075min (+0.000) 4.48ng/ul

response 16542

Ion	Exp%	Act%
67.00	100	100
99.00	114.20	119.61
69.00	31.10	34.33
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\

Data File : BM020404.D

Acq On : 18 May 2019 16:37

Operator : JU/SJ

Sample : K2604-13MEDL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 07:13:03 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

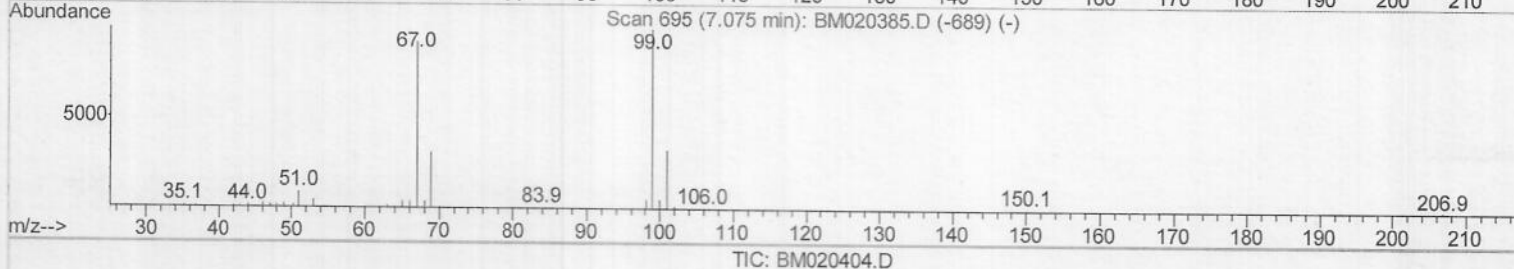
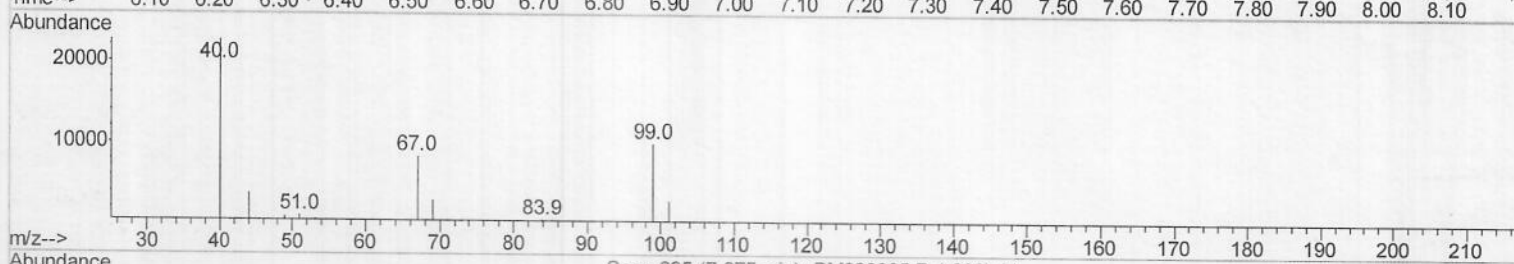
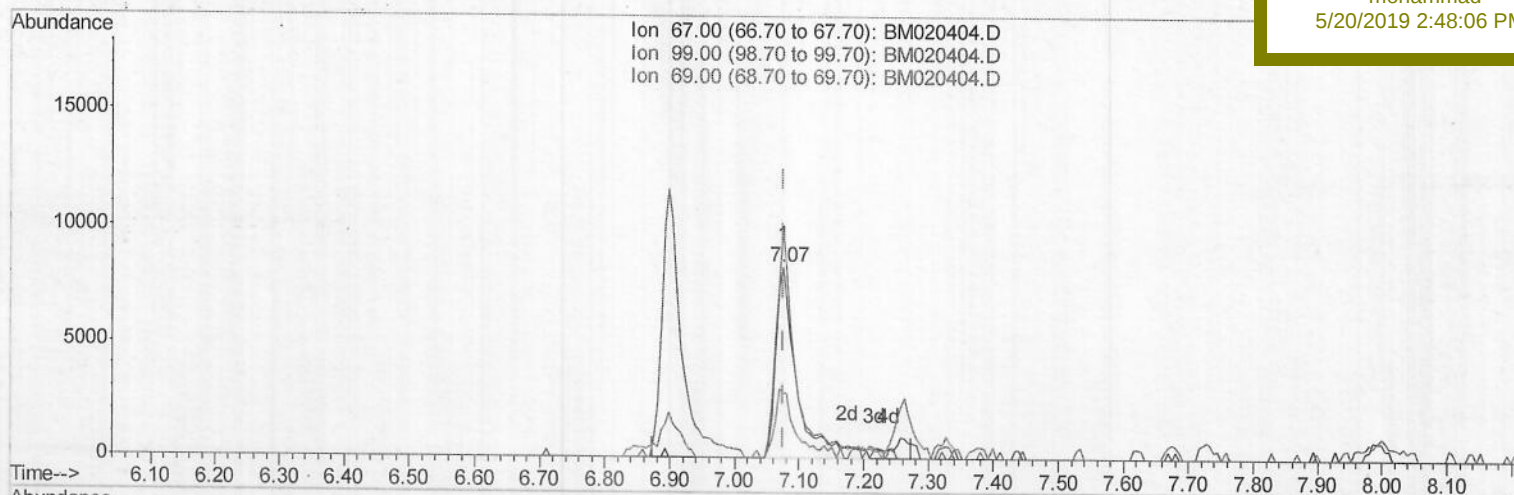
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Manual Integrations

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(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.075min (+0.000) 5.16ng/ul m) JU05/21/19

response 19067

Ion	Exp%	Act%
67.00	100	100
99.00	114.20	119.61
69.00	31.10	34.33
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\

Data File : BM020404.D

Acq On : 18 May 2019 16:37

Operator : JU/SJ

Sample : K2604-13MEDL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 07:13:03 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

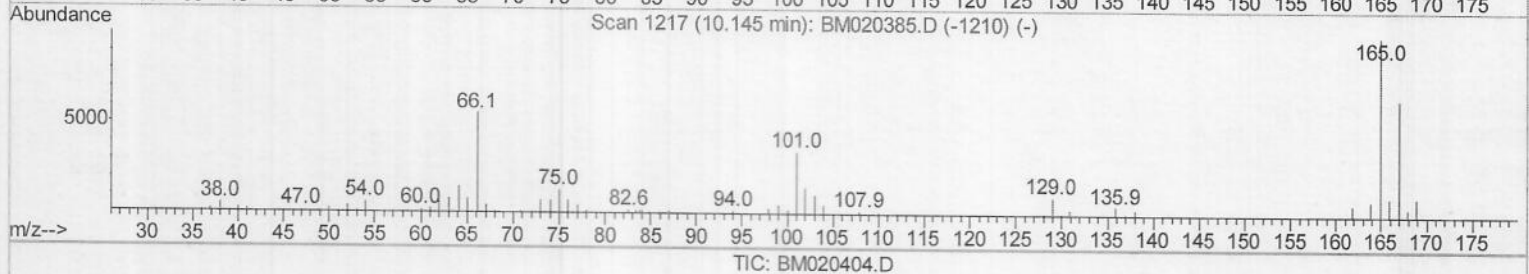
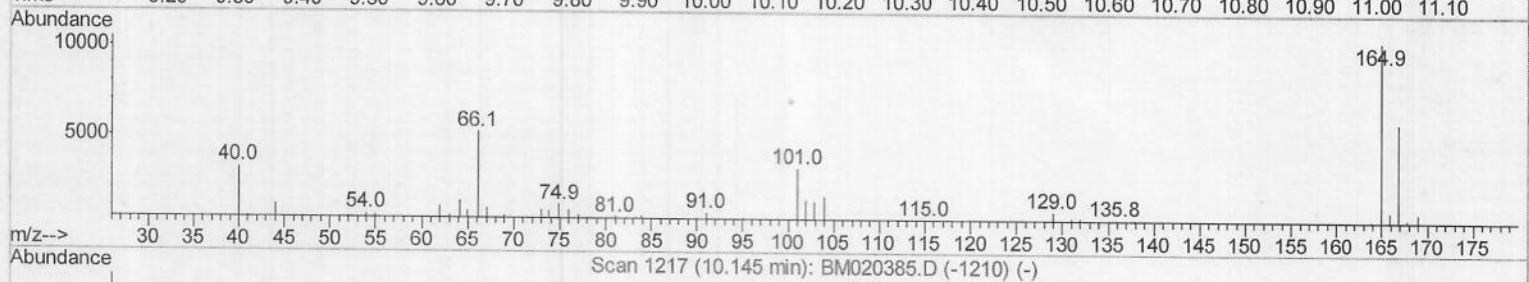
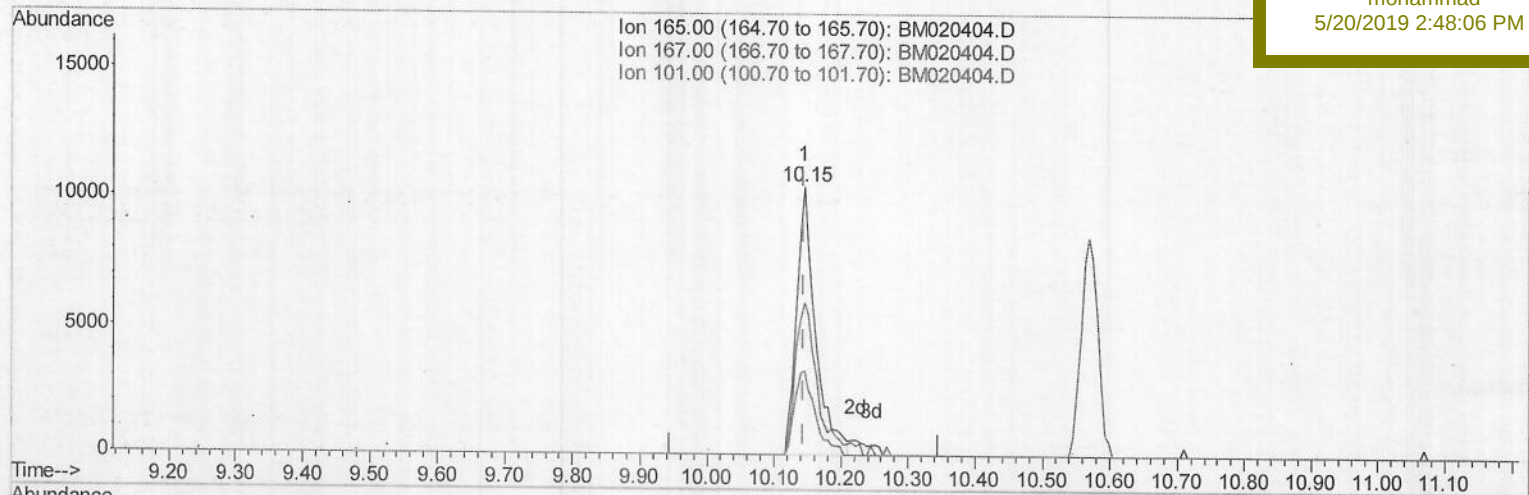
GAJ87MEDL

Manual Integrations

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

10.145min (+0.000) 5.00ng/ul

response 20316

Ion	Exp%	Act%
165.00	100	100
167.00	65.00	57.32
101.00	34.80	31.24
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\

Data File : BM020404.D

Acq On : 18 May 2019 16:37

Operator : JU/SJ

Sample : K2604-13MEDL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 07:13:03 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

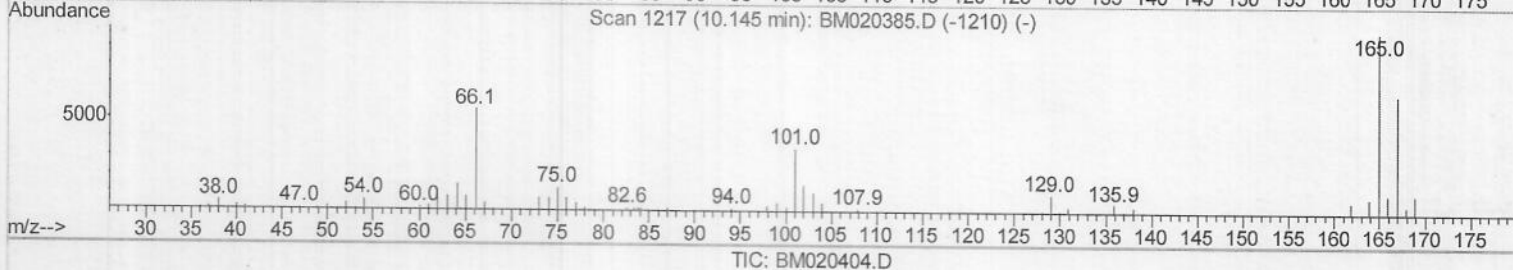
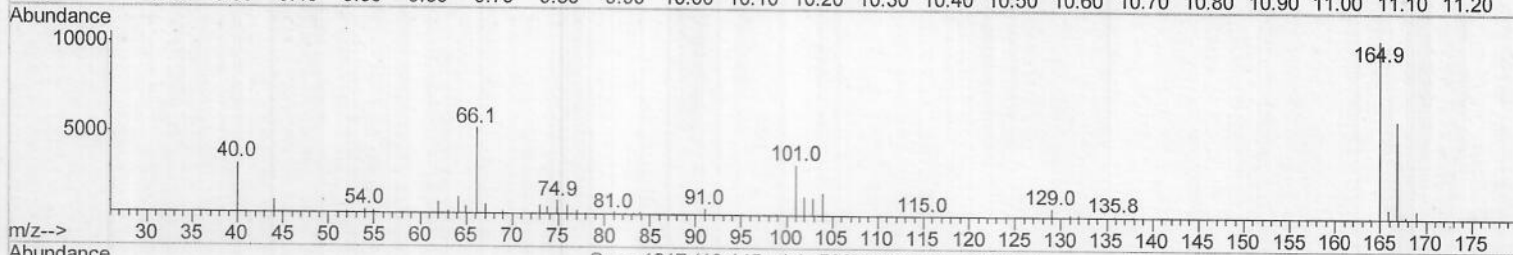
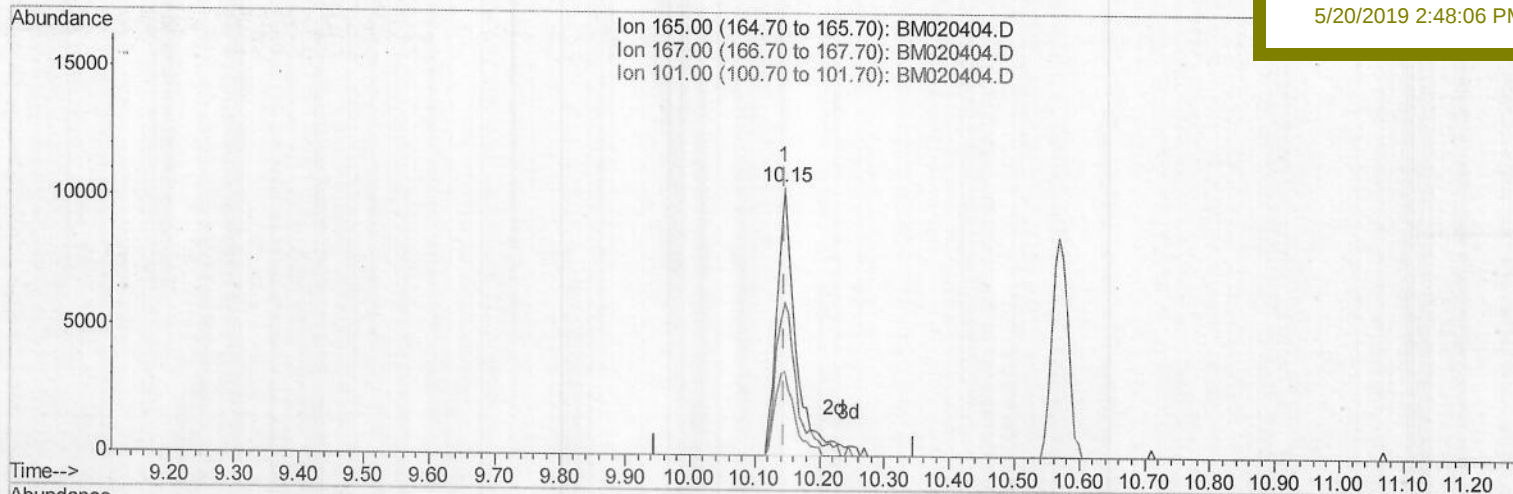
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Manual Integrations

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

10.145min (+0.000) 5.31ng/ul m) JU0512119

response 21554

Ion	Exp%	Act%
165.00	100	100
167.00	65.00	57.32
101.00	34.80	31.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\

Data File : BM020404.D

Acq On : 18 May 2019 16:37

Operator : JU/SJ

Sample : K2604-13MEDL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 07:13:03 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

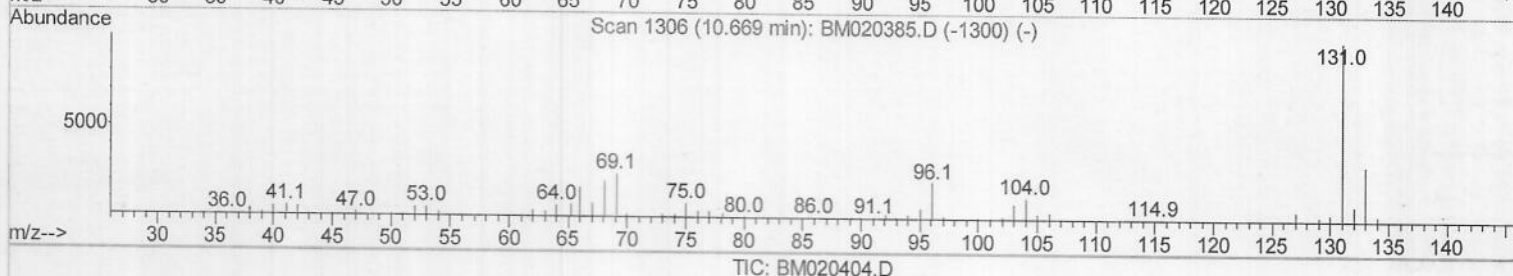
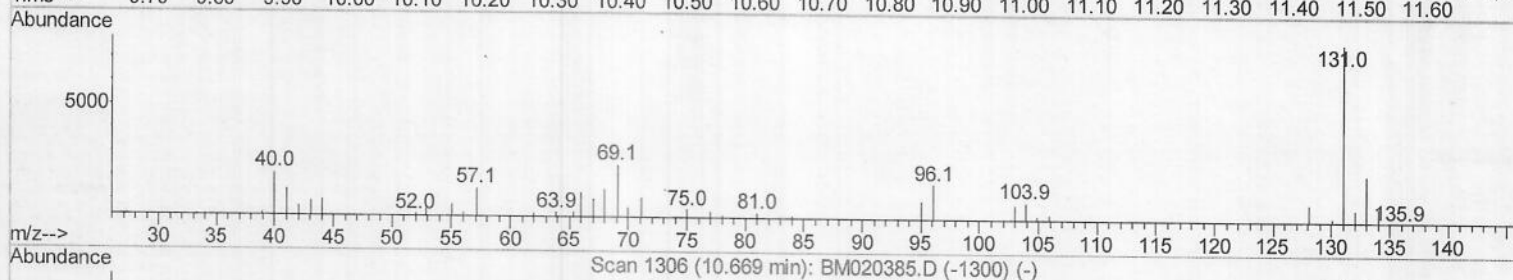
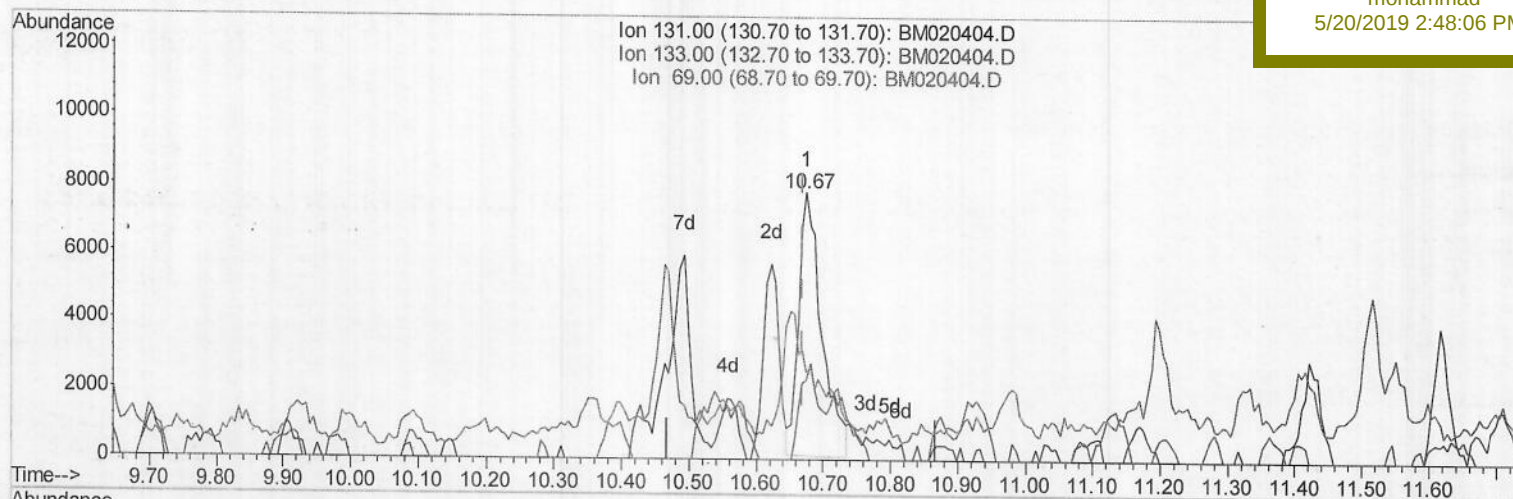
GAJ87MEDL

Manual Integrations

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(29) 4-Chloroaniline-d4 (S)

10.675min (+0.006) 4.30ng/ul

response 18035

Ion	Exp%	Act%
131.00	100	100
133.00	32.30	29.04
69.00	24.20	32.50#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\

Data File : BM020404.D

Acq On : 18 May 2019 16:37

Operator : JU/SJ

Sample : K2604-13MEDL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 07:13:03 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

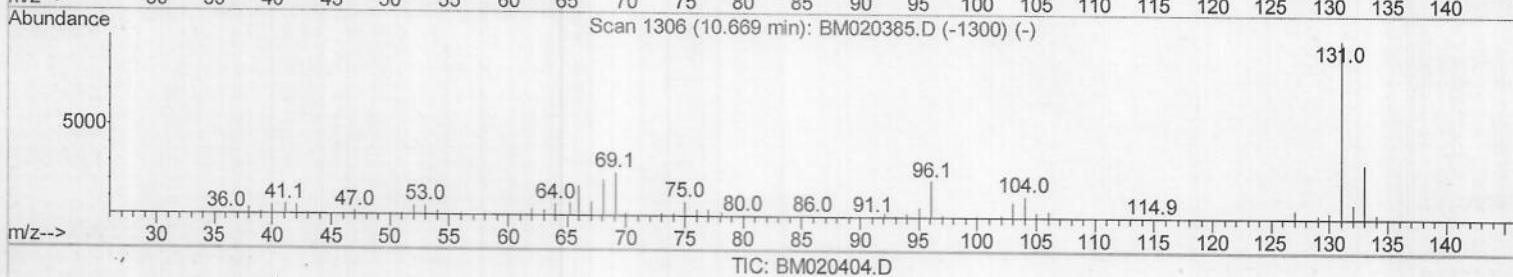
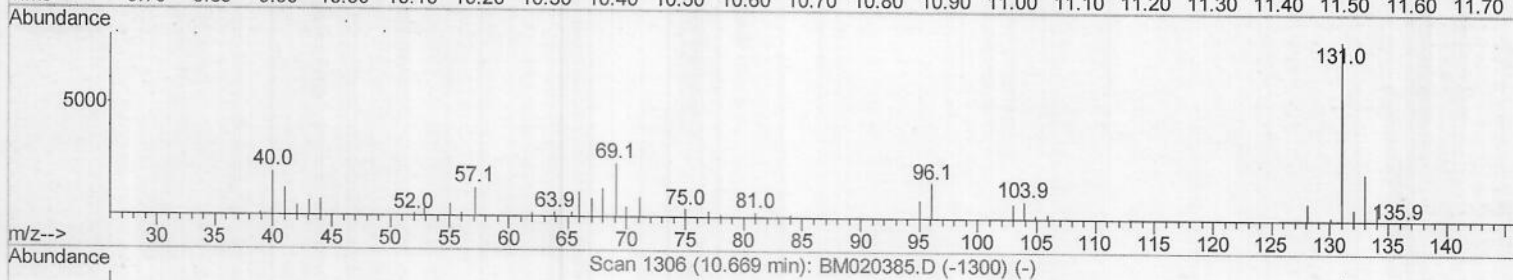
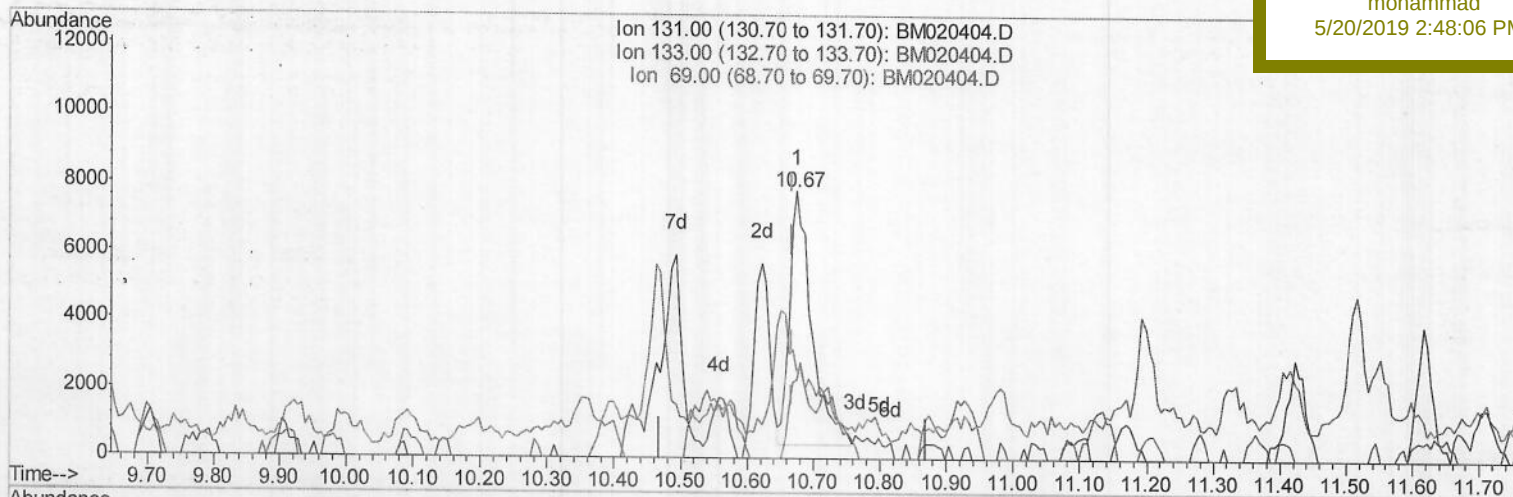
GAJ87MEDL

Manual Integrations

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(29) 4-Chloroaniline-d4 (S)

10.675min (+0.006) 4.06ng/ul m)JU 05/21/19

response 17040

Ion	Exp%	Act%
131.00	100	100
133.00	32.30	29.04
69.00	24.20	32.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\

Data File : BM020404.D

Acq On : 18 May 2019 16:37

Operator : JU/SJ

Sample : K2604-13MEDL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 07:13:03 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

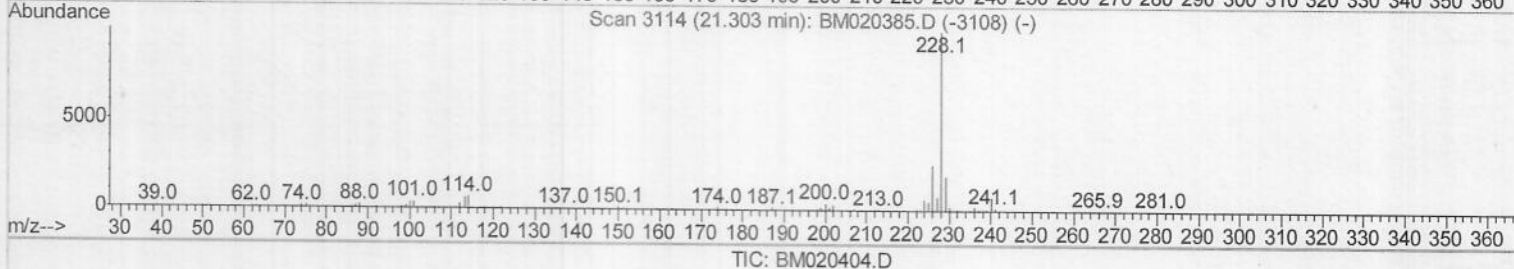
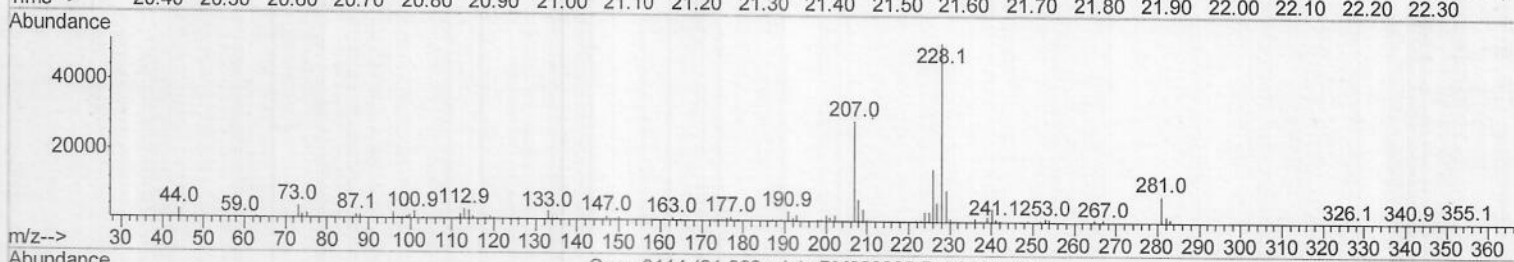
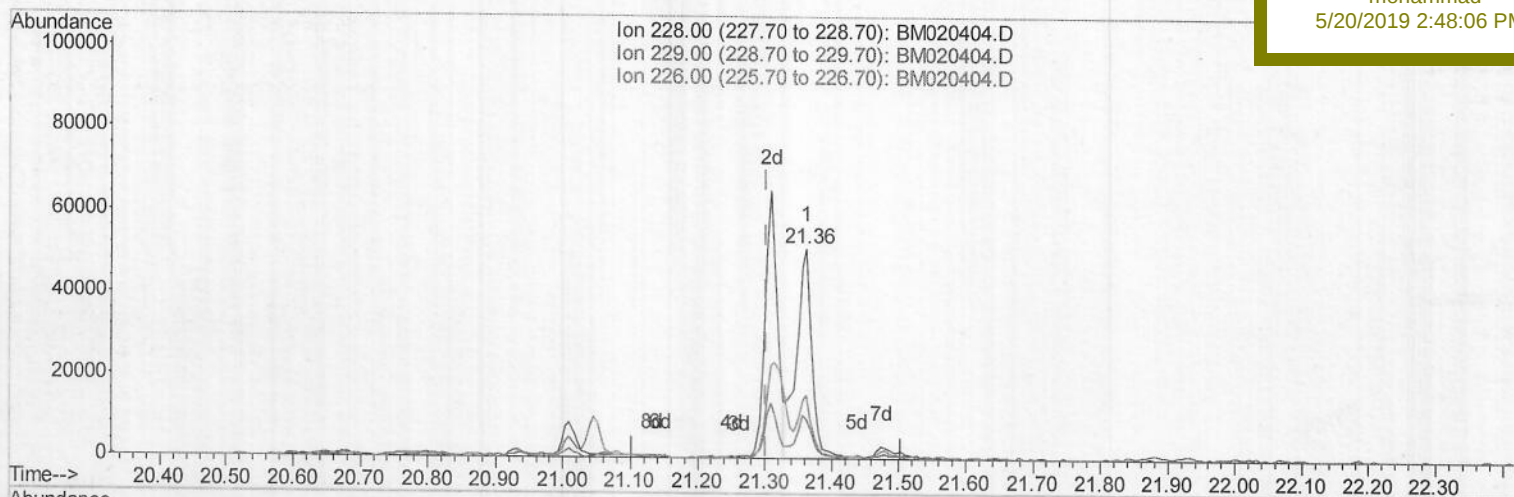
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Manual Integrations

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(82) Benzo(a)anthracene

21.362min (+0.059) 3.03ng/ul

response 81368

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	18.37
226.00	25.70	29.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\

Data File : BM020404.D

Acq On : 18 May 2019 16:37

Operator : JU/SJ

Sample : K2604-13MEDL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 07:13:03 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampled :

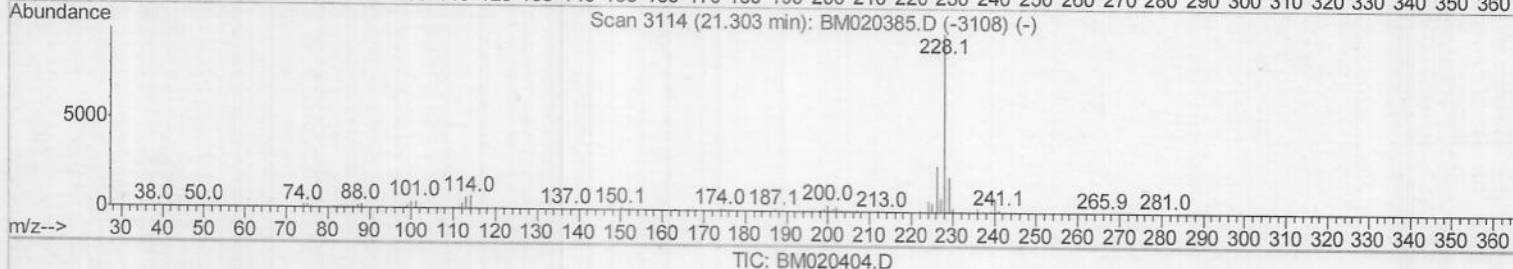
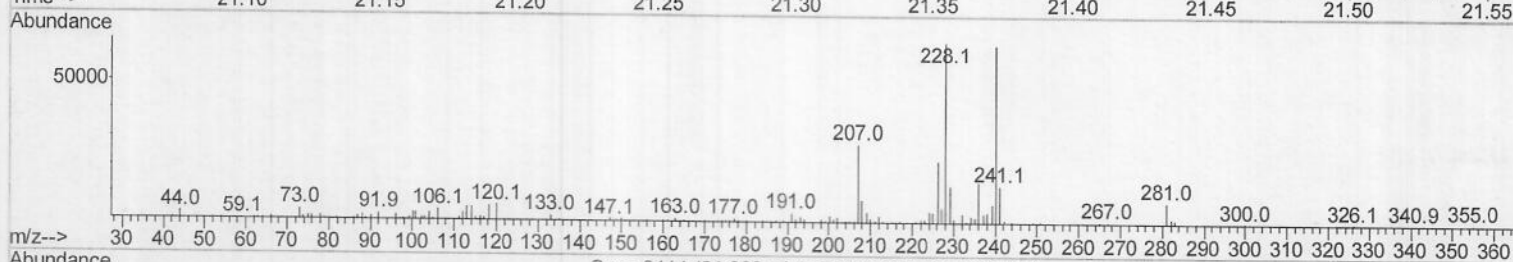
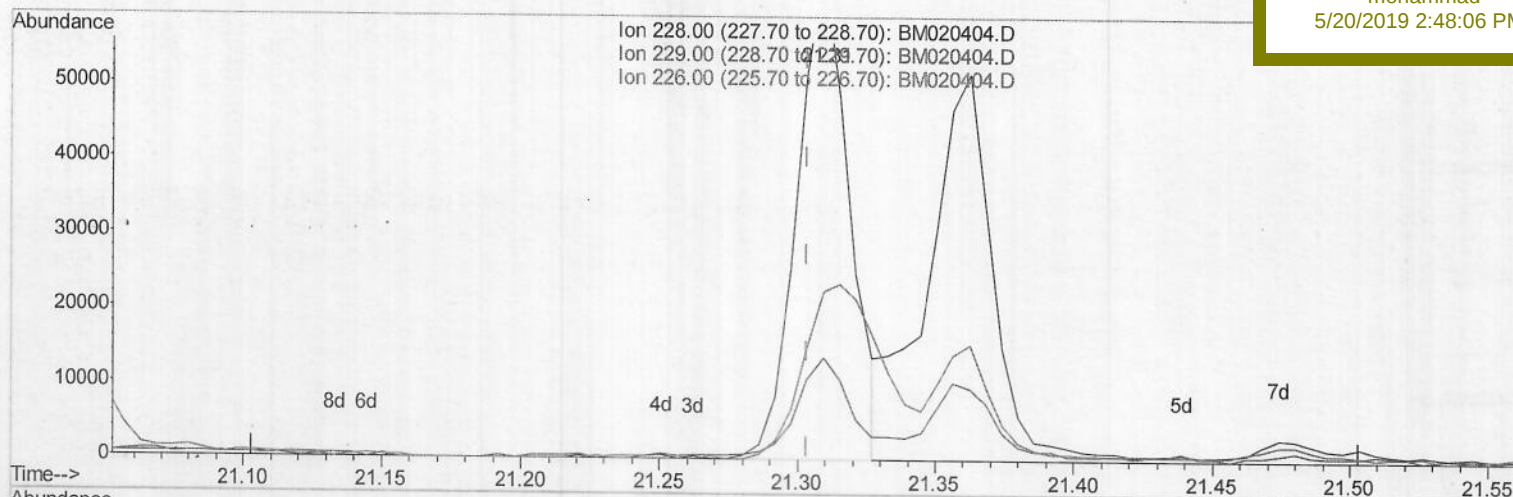
GAJ87MEDL

Manual Integrations

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(82) Benzo(a)anthracene

21.309min (+0.006) 3.15ng/ul m) JU0512119

response 84418

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	20.64
226.00	25.70	34.53#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\

Data File : BM020404.D

Acq On : 18 May 2019 16:37

Operator : JU/SJ

Sample : K2604-13MEDL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 07:13:03 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

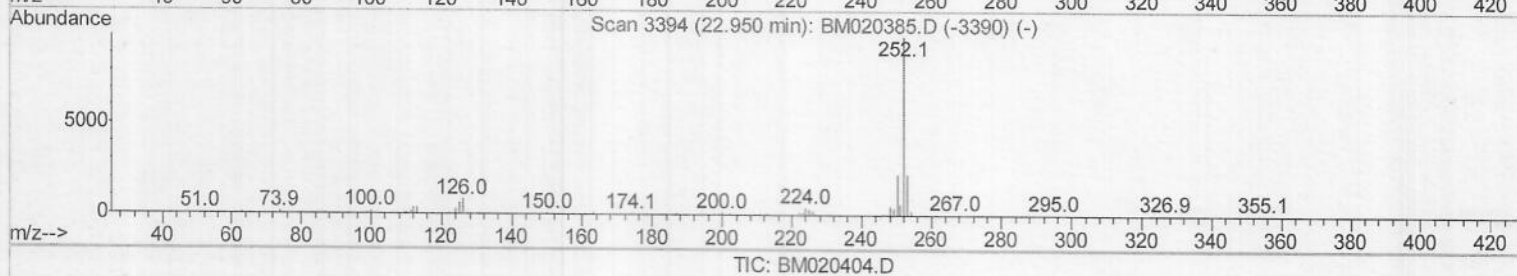
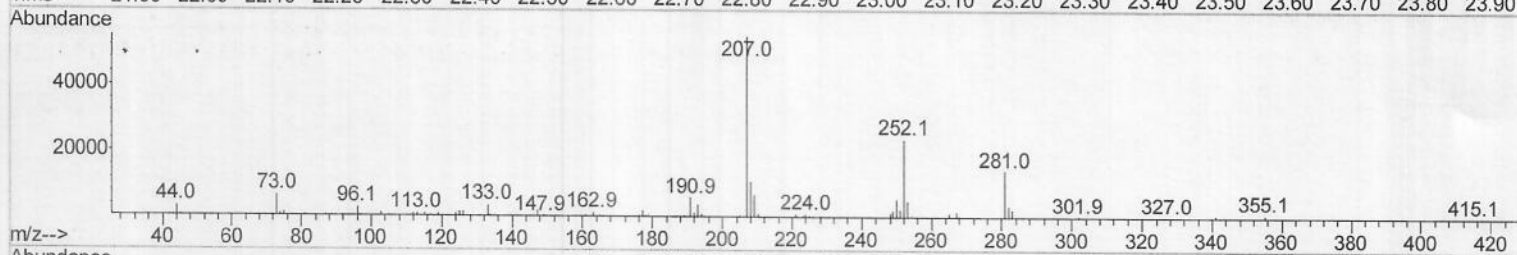
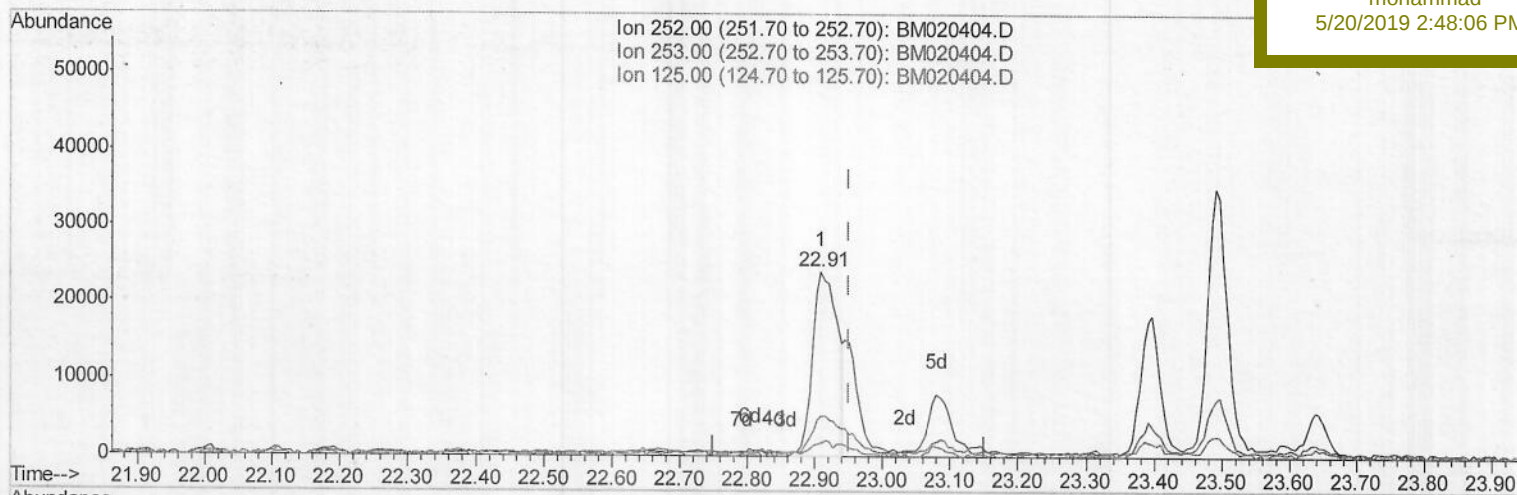
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Manual Integrations

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(88) Benzo(k)fluoranthene

22.909min (-0.041) 2.21ng/ul

response 60557

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.91
125.00	6.30	7.16
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
 Data File : BM020404.D
 Acq On : 18 May 2019 16:37
 Operator : JU/SJ
 Sample : K2604-13MEDL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 08:11:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Sat May 18 05:13:49 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sampled :
 GAJ87MEDL

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	72858	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	267637	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	165673	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	401372	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	445824	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	488043	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1192	0.60	ng/uL	0.01
5) Phenol-d5	6.90	99	24543m	4.22	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.07	67	19067m	5.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	18750	4.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	14799	3.50	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	9003	5.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	8391	4.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	21554m	5.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	17040m	4.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	88264	7.40	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	102504	6.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	1679	0.97	ng/ul	0.01
57) Fluorene-d10	15.37	176	80086	7.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	4790	2.10	ng/ul	0.00
70) Anthracene-d10	17.23	188	119720	6.95	ng/ul	0.00
78) Pyrene-d10	19.53	212	151370	7.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	158037	7.13	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.57	128	472548	38.430	ng/ul 99
34) 2-Methylnaphthalene	12.19	142	158503	17.803	ng/ul 99
40) 1,1'-Biphenyl	13.21	154	24525	2.068	ng/ul 97
44) Dimethylphthalate	13.84	163	12833	1.088	ng/ul# 94
47) Acenaphthylene	14.10	152	20082	1.428	ng/ul# 89
49) Acenaphthene	14.45	153	87082	9.009	ng/ul 95
58) Fluorene	15.43	166	54602	4.657	ng/ul 98
69) Phenanthrene	17.17	178	322859	16.882	ng/ul 100
71) Anthracene	17.26	178	82775	4.255	ng/ul 99
76) Fluoranthene	19.19	202	154630	6.401	ng/ul 99
79) Pyrene	19.56	202	223215	8.342	ng/ul 100
82) Benzo(a)anthracene	21.31	228	84418m	3.146	ng/ul
84) Chrysene	21.36	228	83054	3.239	ng/ul 97
87) Benzo(b)fluoranthene	22.91	252	60557	2.174	ng/ul 98
90) Benzo(a)pyrene	23.49	252	67475	2.574	ng/ul 98
93) Benzo(a,h,i)perylene	26.60	276	30309	1.226	ng/ul 100

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

5/20/2019