

Data File : BM020392.D

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 08:45:02 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 :

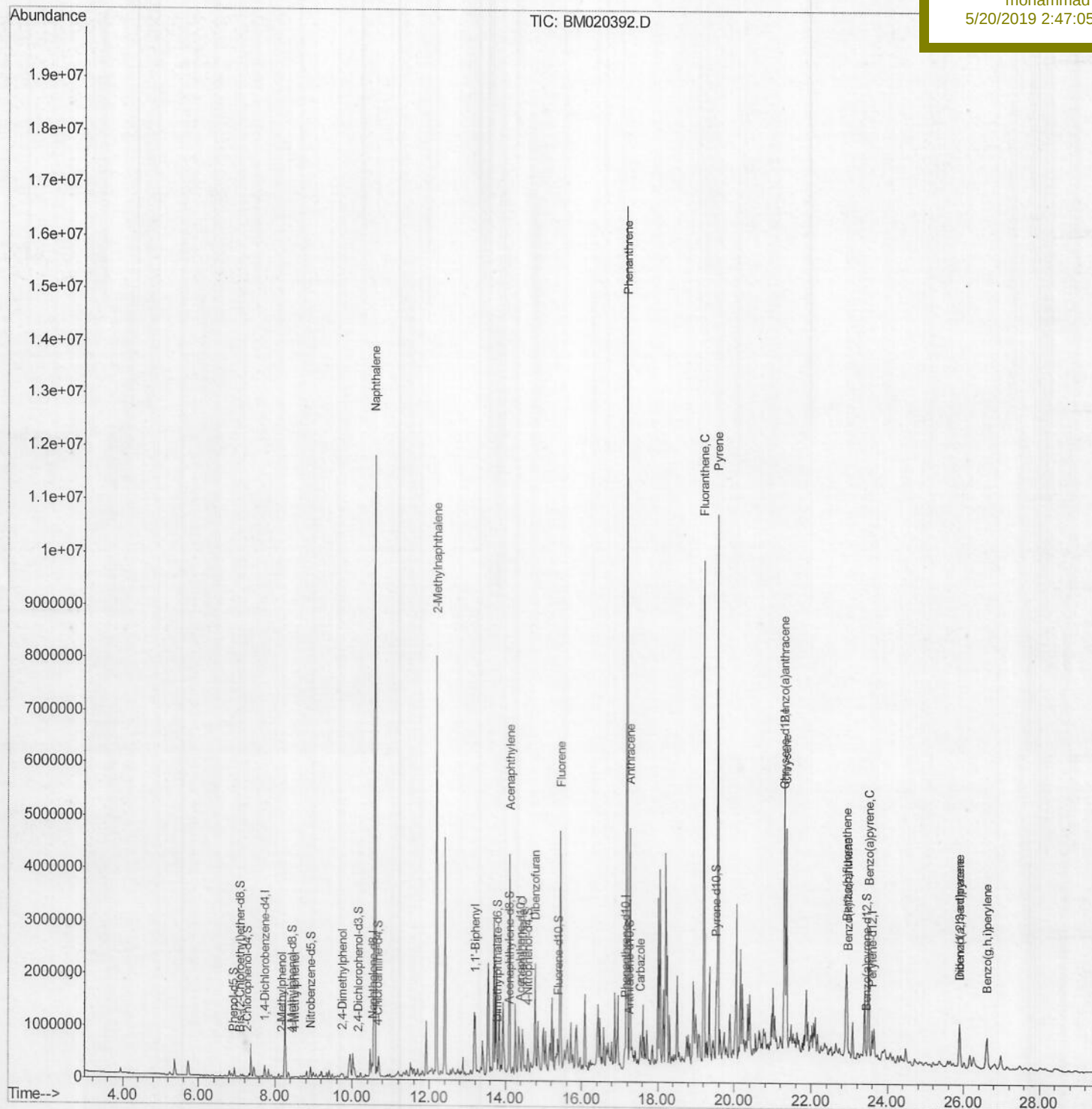
GAJ75

Manual Integrations

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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\

Data File : BM020392.D

Acq On : 18 May 2019 08:46

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 05:20:22 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 :

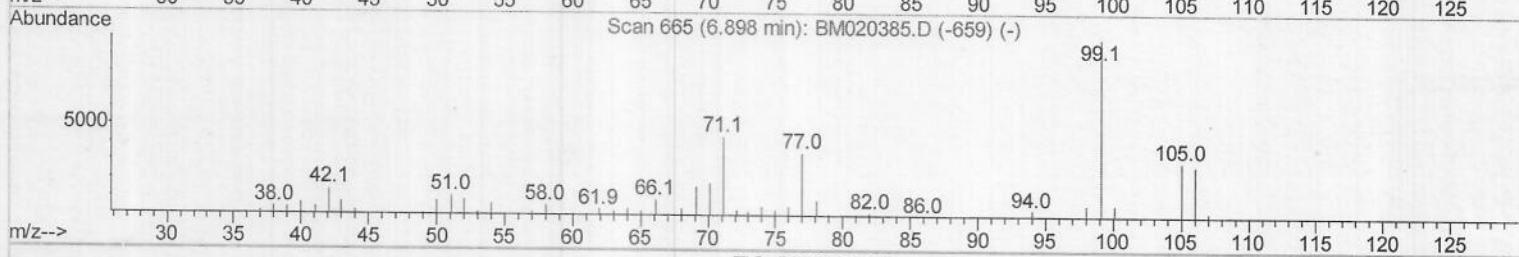
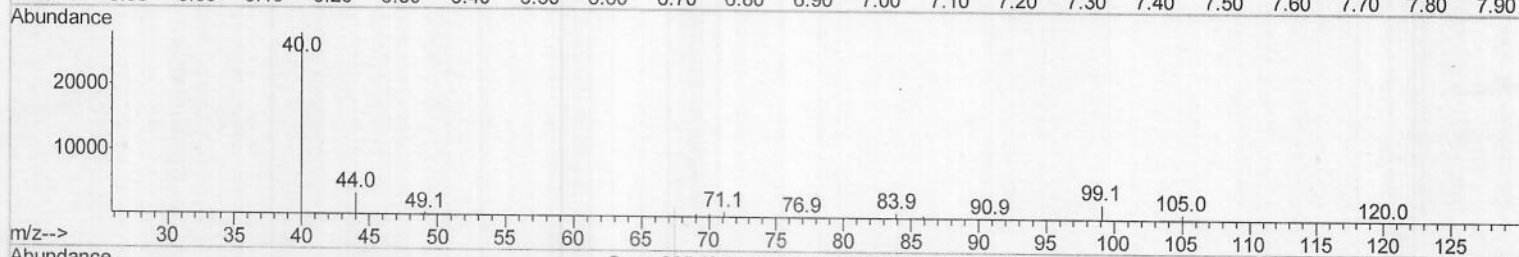
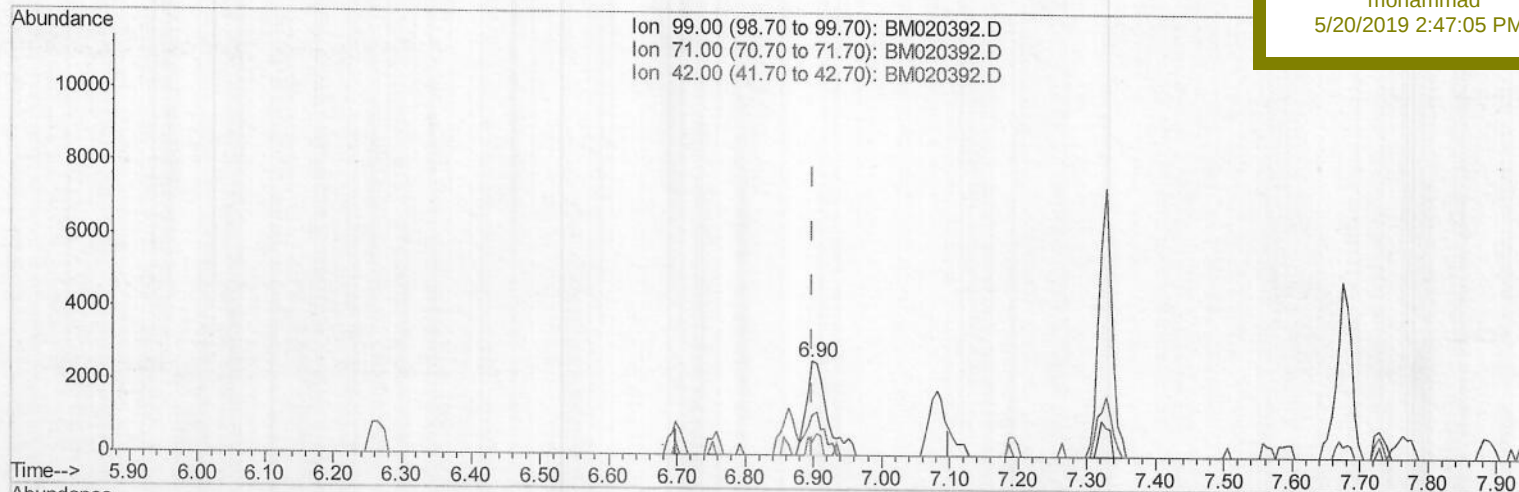
GAJ75

Manual Integrations

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TIC: BM020392.D

(5) Phenol-d5 (S)

6.898min (-0.000) 1.01ng/ul

response 4912

Ion	Exp%	Act%
99.00	100	100
71.00	45.30	42.32
42.00	14.50	14.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\

Data File : BM020392.D

Acq On : 18 May 2019 08:46

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 05:20:22 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 :

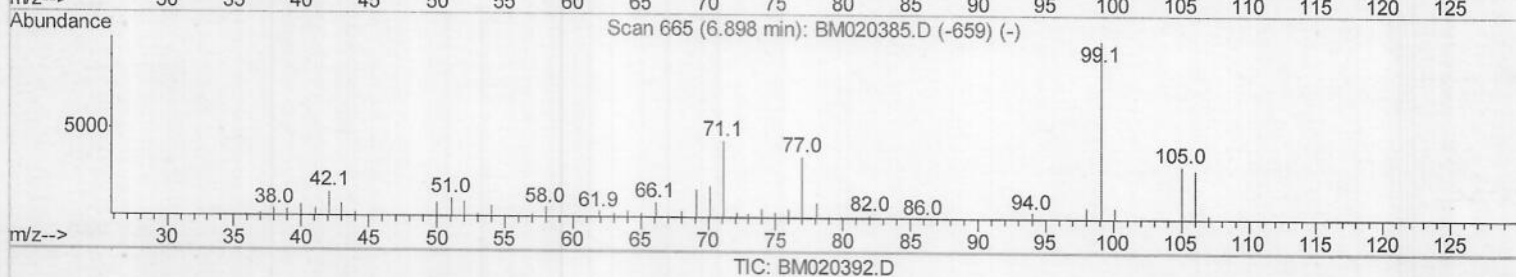
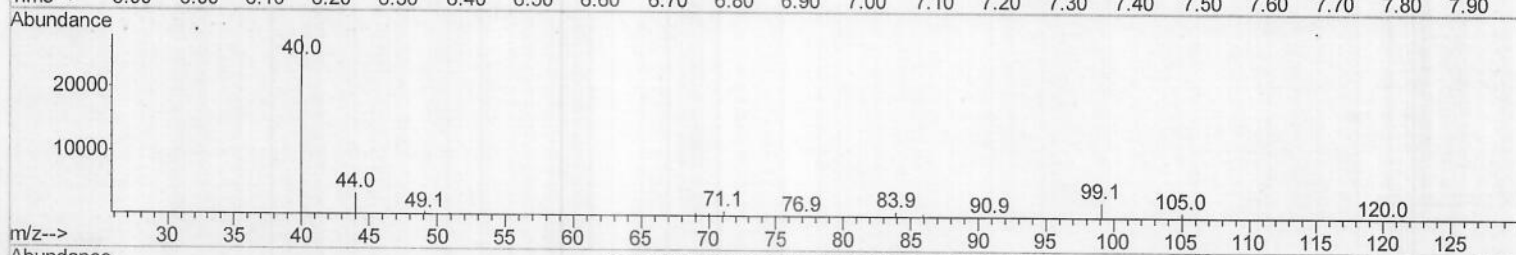
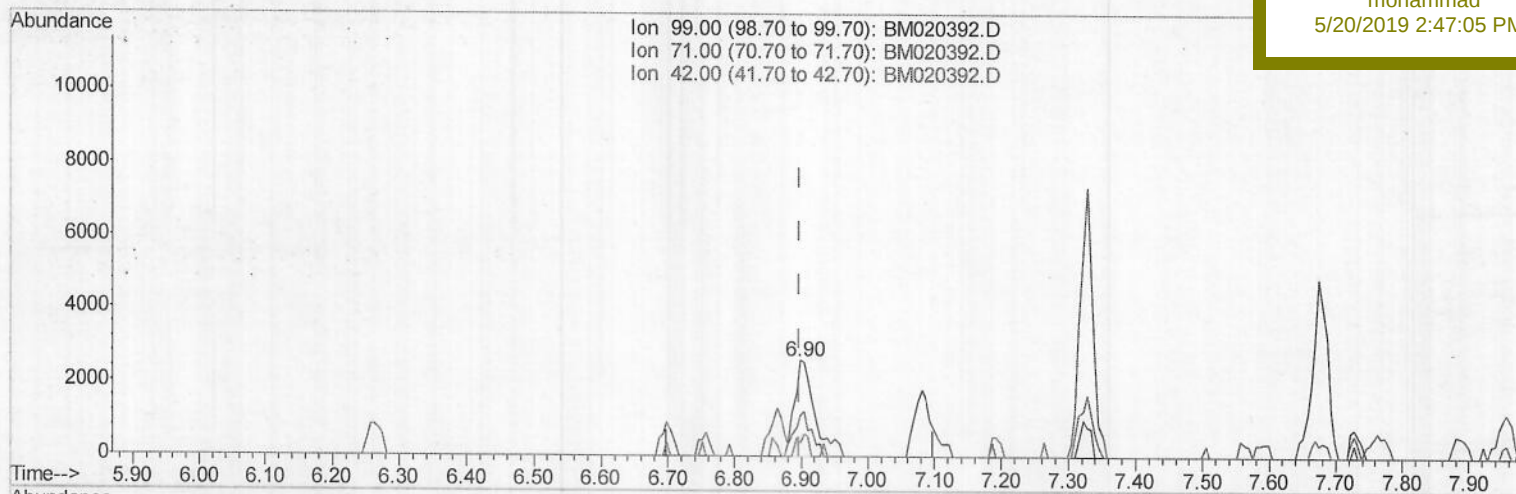
GAJ75

Manual Integrations

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(5) Phenol-d5 (S)

6.898min (-0.000) 1.14ng/ul m

J005/21/19

response 5497

Ion	Exp%	Act%
99.00	100	100
71.00	45.30	42.32
42.00	14.50	14.11
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
GAJ75

Manual Integrations
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Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\

Data File : BM020392.D

Acq On : 18 May 2019 08:46

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

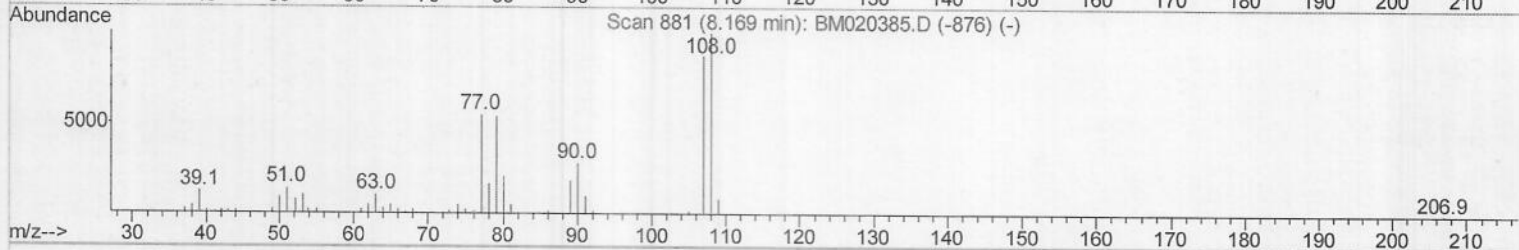
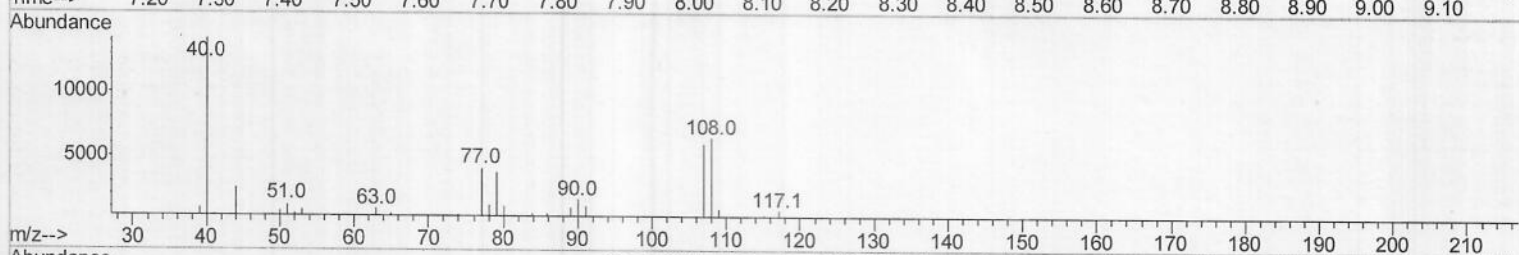
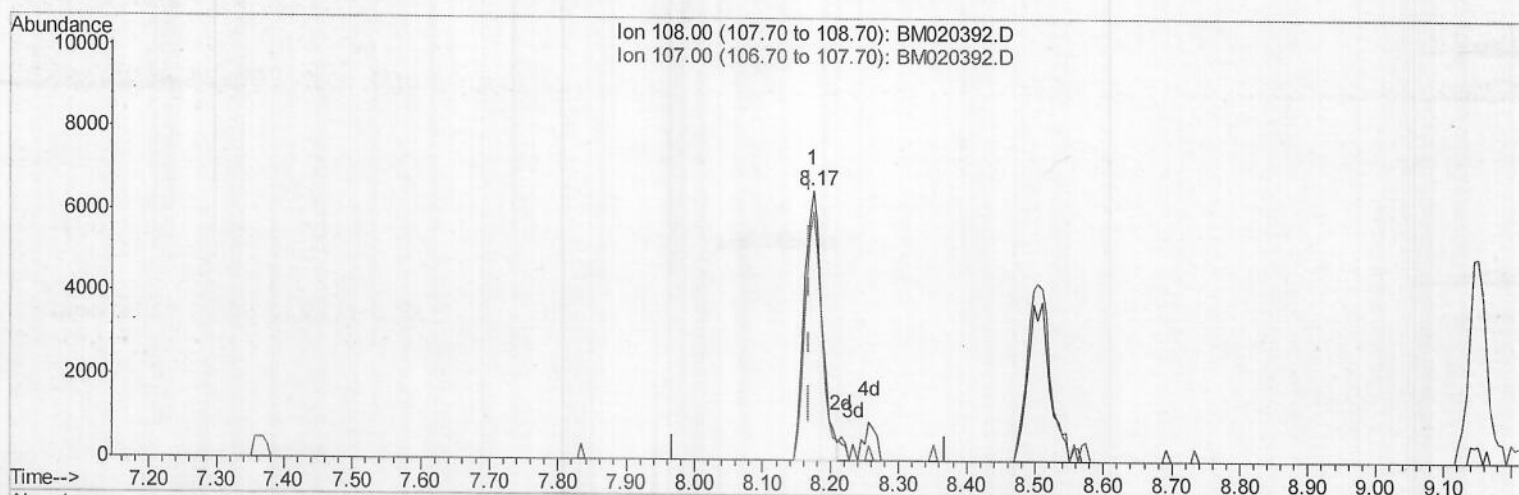
Quant Time: May 20 05:20:22 2019

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



TIC: BM020392.D

(11) 2-Methylphenol

8.175min (+0.006) 3.40ng/ul

response 11774

Ion	Exp%	Act%
108.00	100	100
107.00	90.00	92.10
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\

Data File : BM020392.D

Acq On : 18 May 2019 08:46

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 05:20:22 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 :

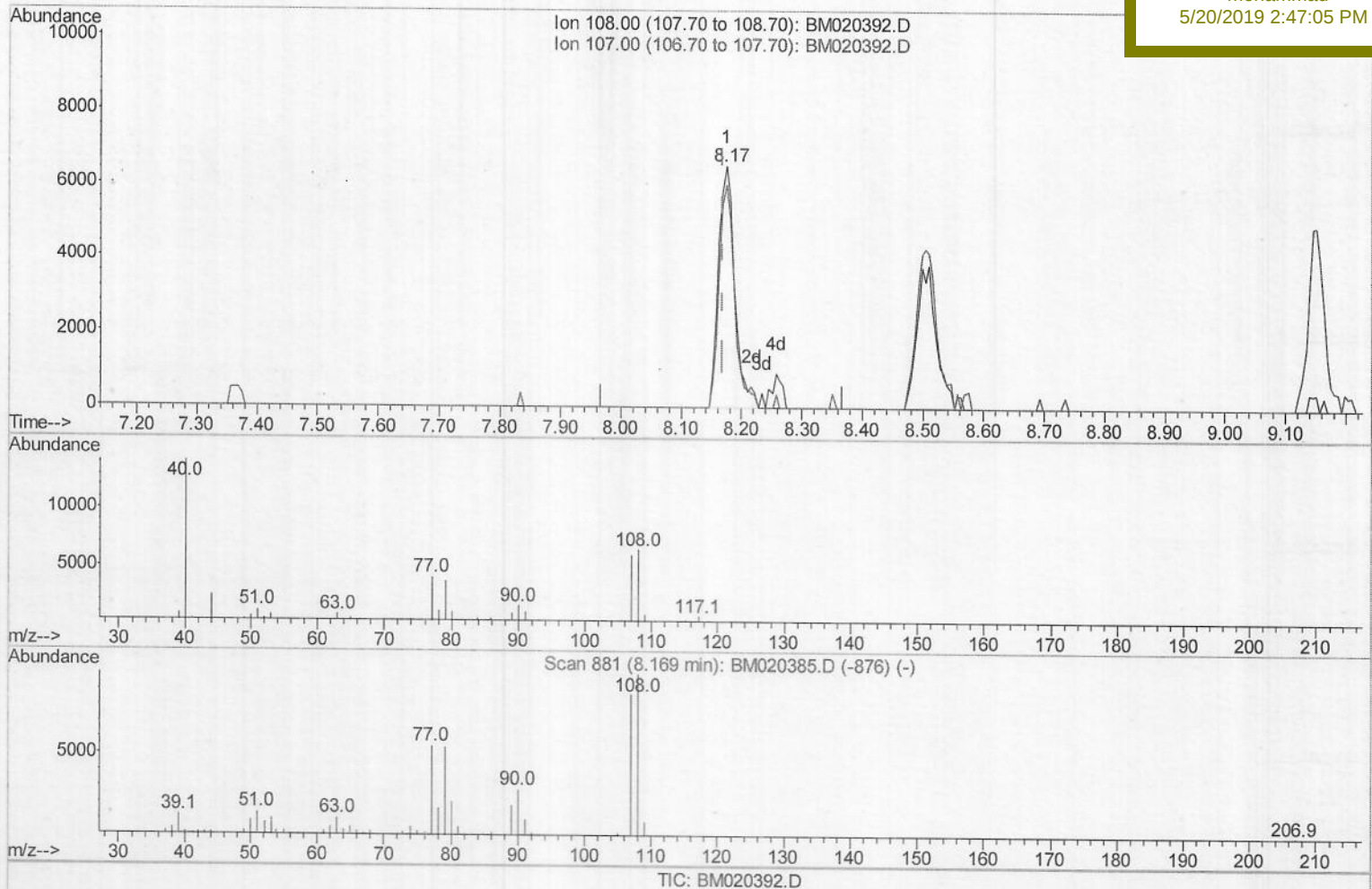
GAJ75

Manual Integrations

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(11) 2-Methylphenol

8.175min (+0.006) 3.50ng/ul m

J00512119

response 12115

Ion	Exp%	Act%
108.00	100	100
107.00	90.00	92.10
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\

Data File : BM020392.D

Acq On : 18 May 2019 08:46

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 05:20:22 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 :

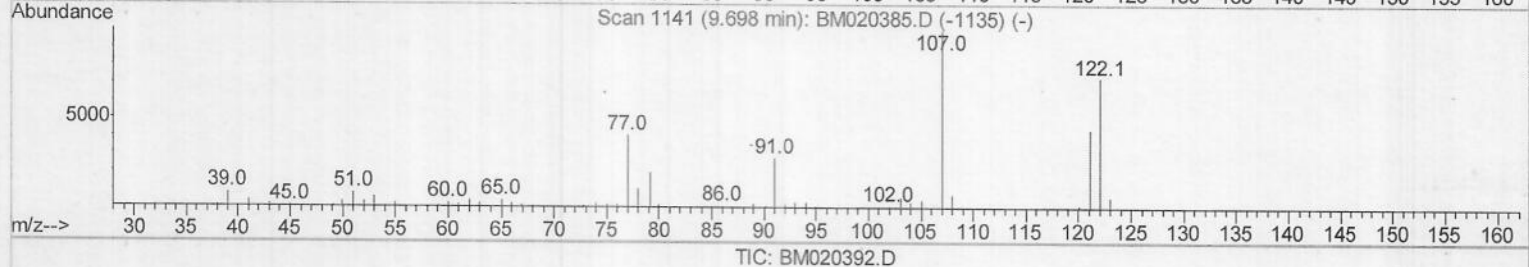
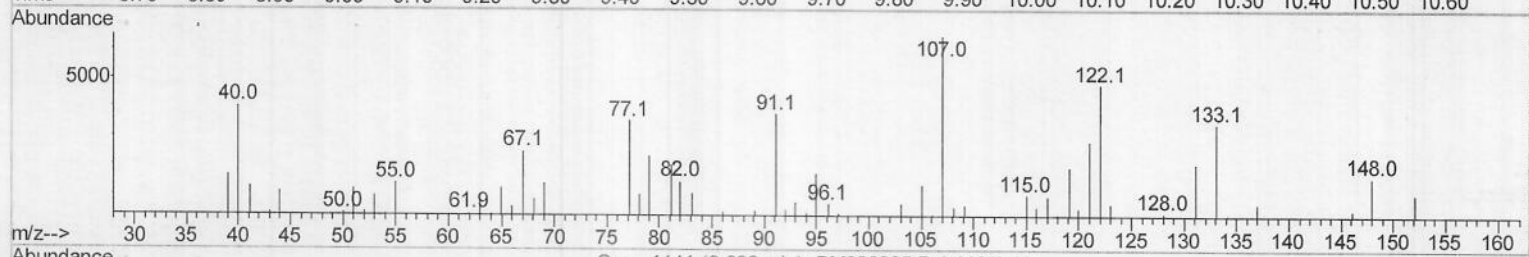
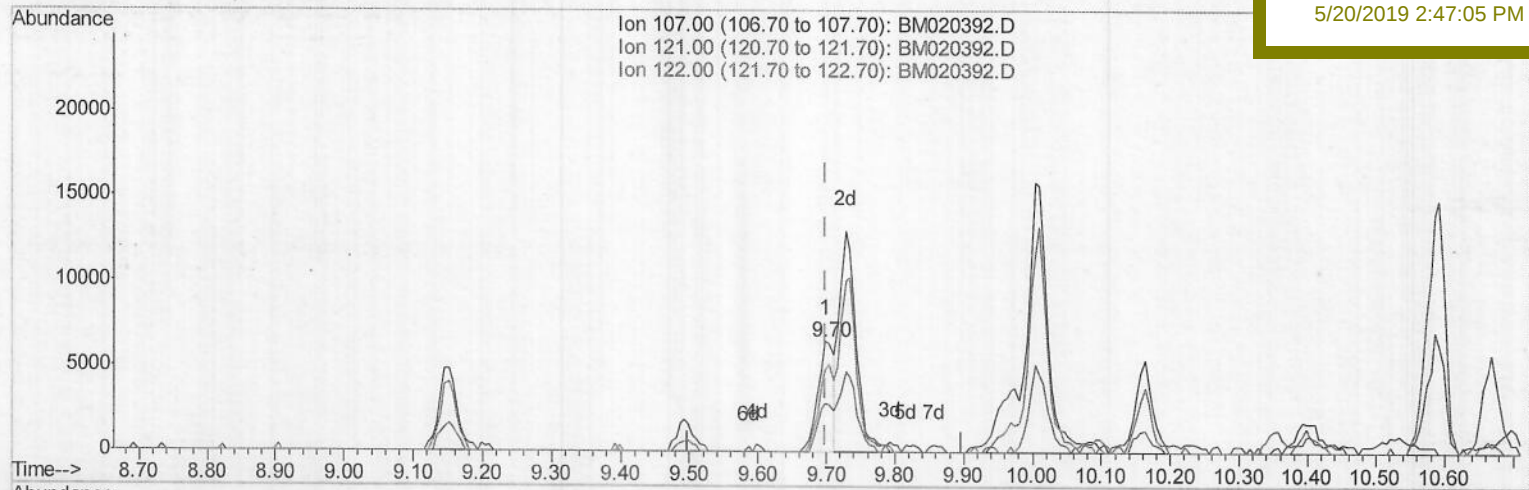
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Manual Integrations

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(24) 2,4-Dimethylphenol

9.698min (-0.000) 2.60ng/ul

response 10484

Ion	Exp%	Act%
107.00	100	100
121.00	43.90	43.70
122.00	72.60	73.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\

Data File : BM020392.D

Acq On : 18 May 2019 08:46

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 05:20:22 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 :

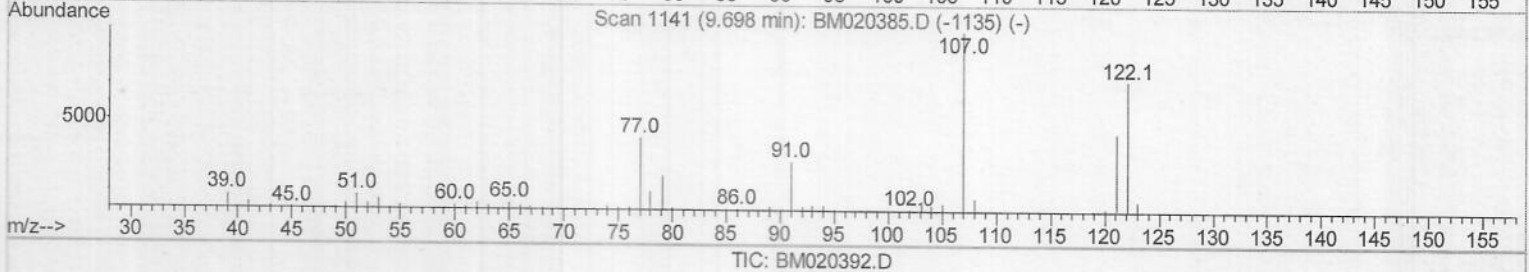
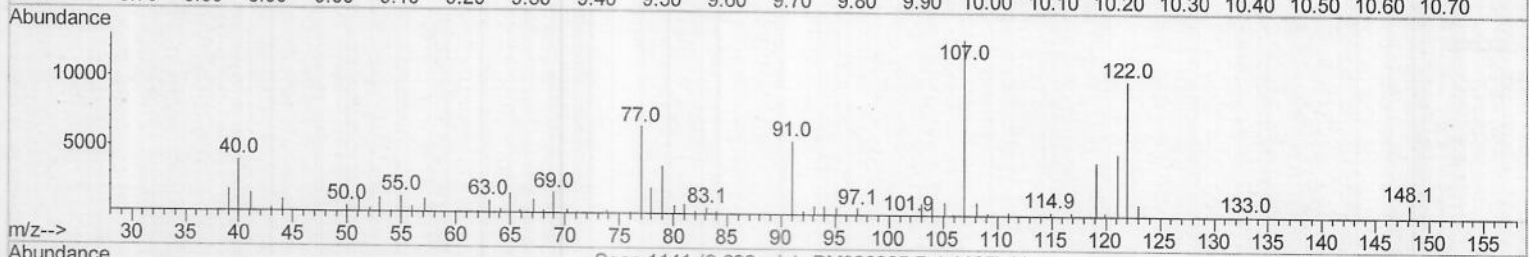
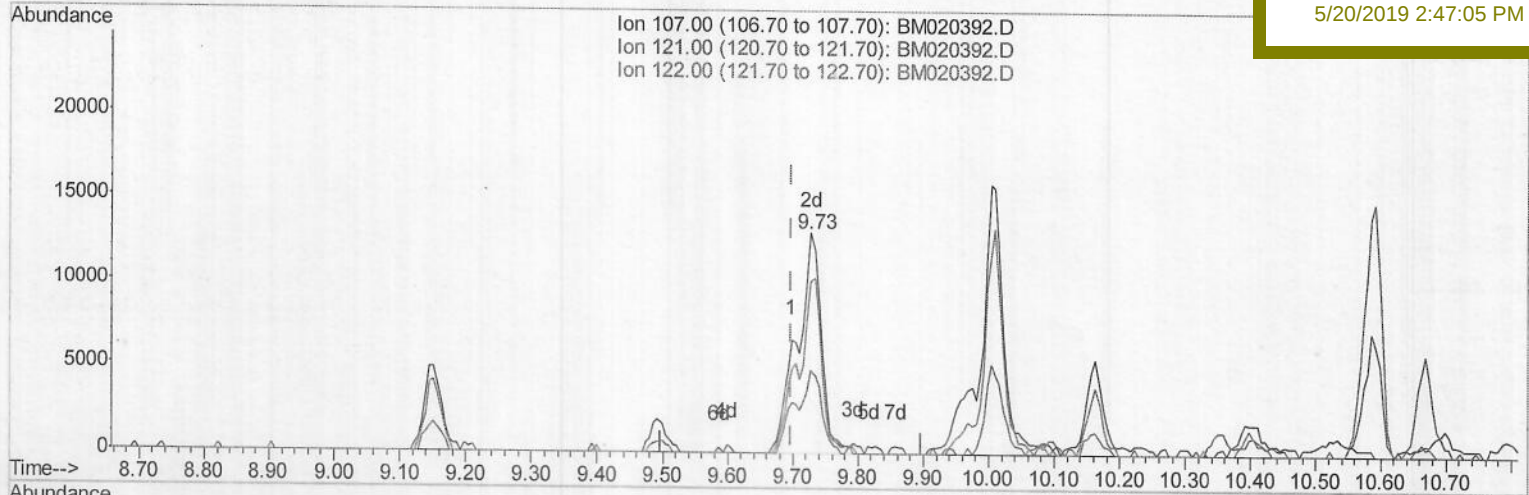
GAJ75

Manual Integrations

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(24) 2,4-Dimethylphenol

9.728min (+0.029) 8.28ng/ul m

25005/21/19

response 33351

Ion	Exp%	Act%
107.00	100	100
121.00	43.90	36.72
122.00	72.60	77.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\

Data File : BM020392.D

Acq On : 18 May 2019 08:46

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 05:20:22 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 :

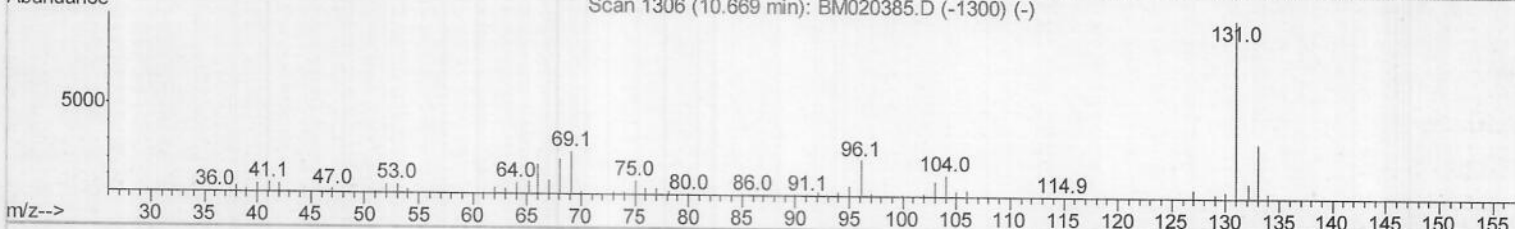
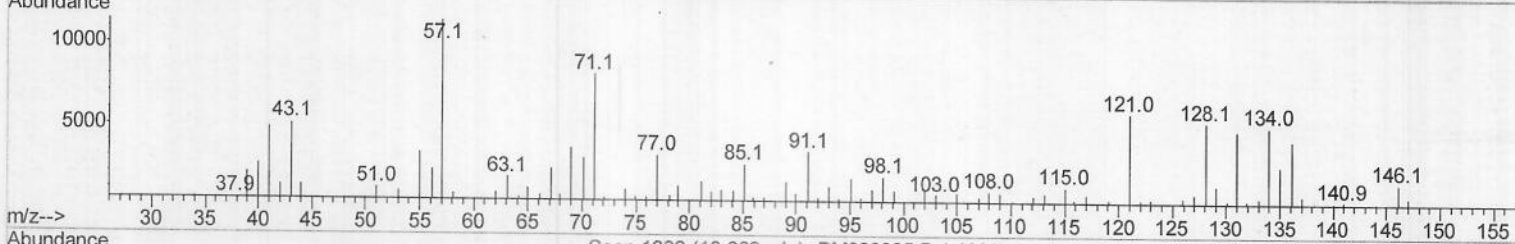
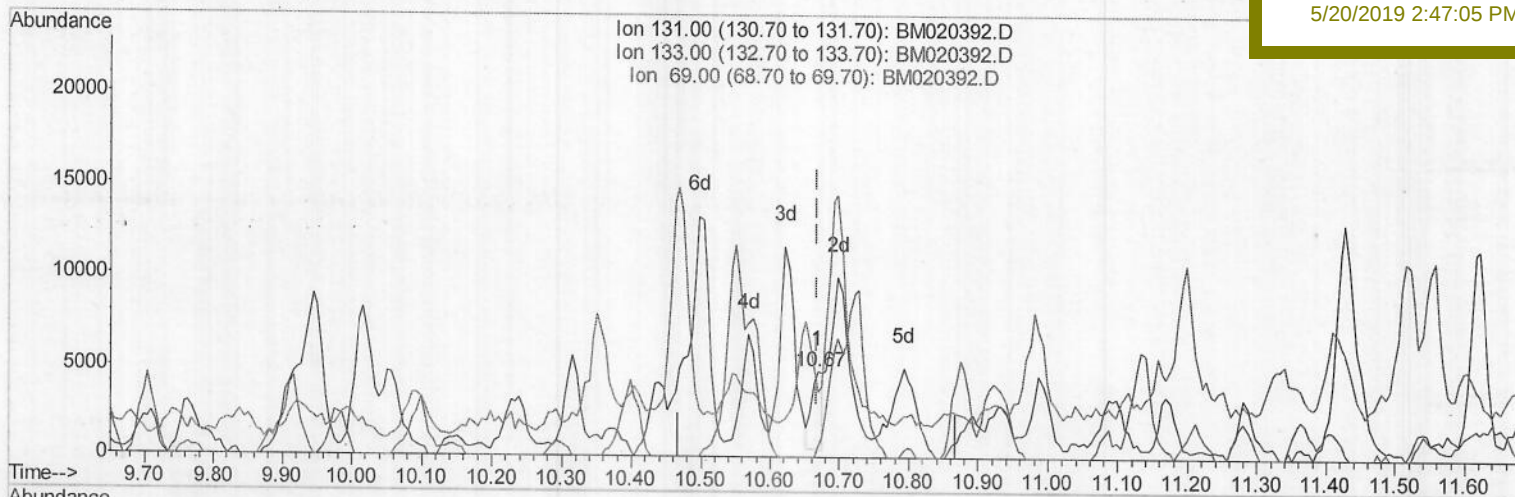
GAJ75

Manual Integrations

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TIC: BM020392.D

(29) 4-Chloroaniline-d4 (S)

10.669min (-0.000) 1.42ng/ul

response 5036

Ion	Exp%	Act%
131.00	100	100
133.00	32.30	12.42#
69.00	24.20	75.86#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051719\

Data File : BM020392.D

Acq On : 18 May 2019 08:46

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 08:45:02 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 :

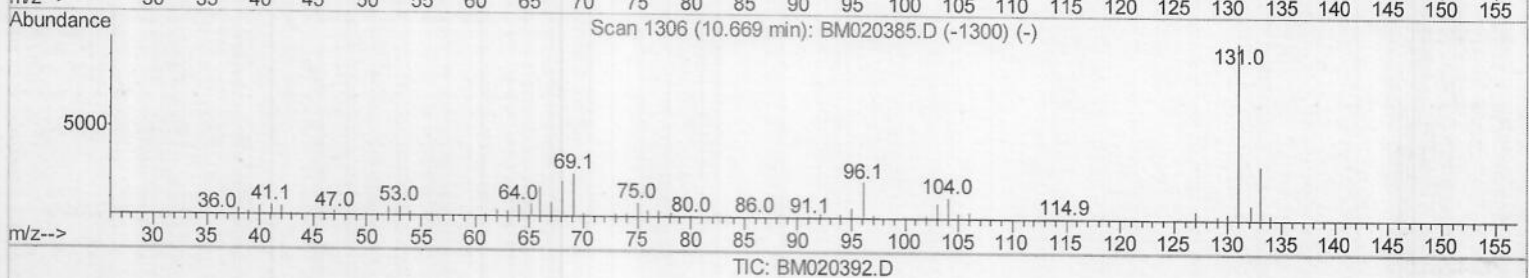
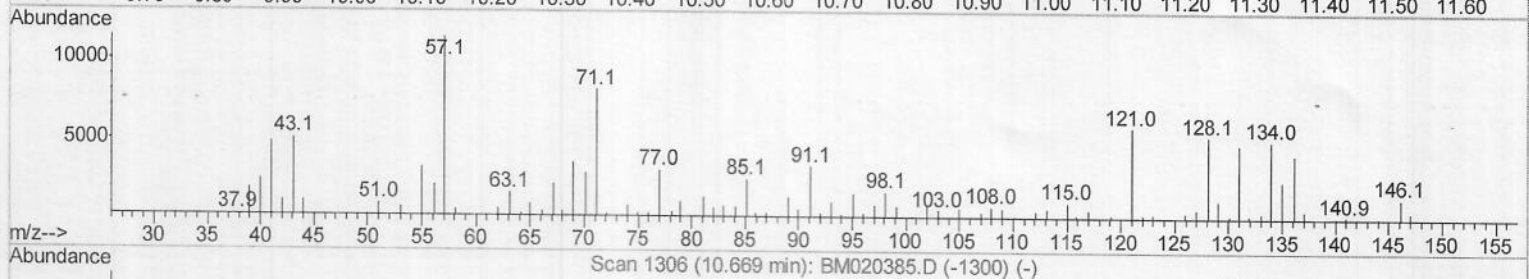
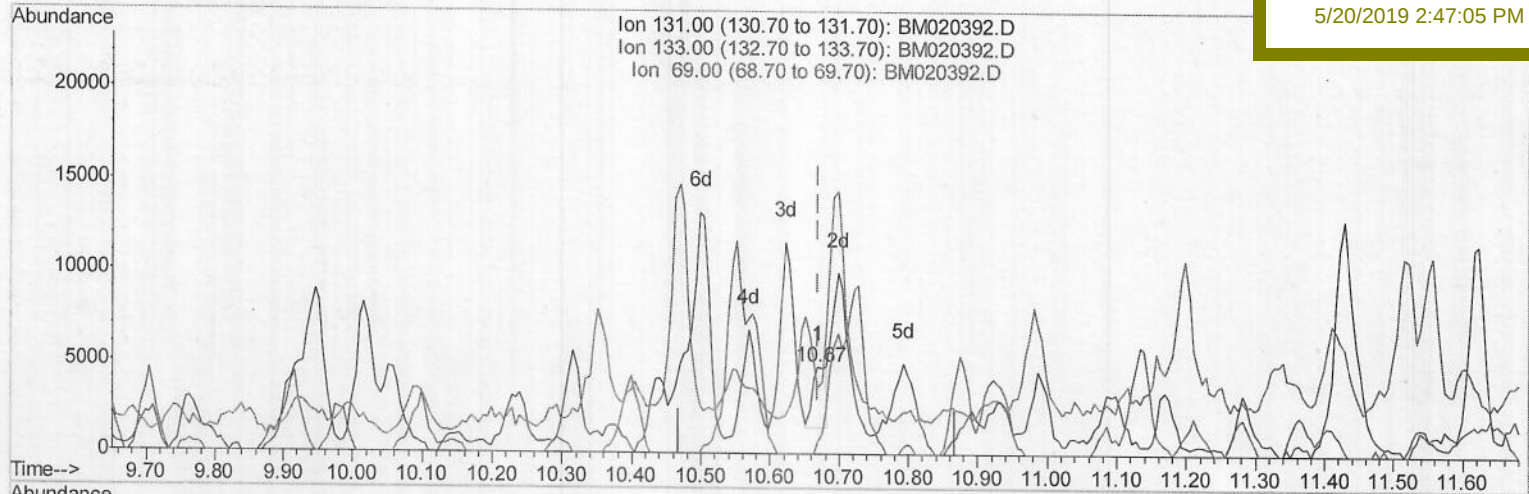
GAJ75

Manual Integrations

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(29) 4-Chloroaniline-d4 (S)

10.669min (-0.000) 1.35ng/ul m

J005121119

response 4799

Ion	Exp%	Act%
131.00	100	100
133.00	32.30	12.42#
69.00	24.20	75.86#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\

Data File : BM020392.D

Acq On : 18 May 2019 08:46

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 05:20:22 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 :

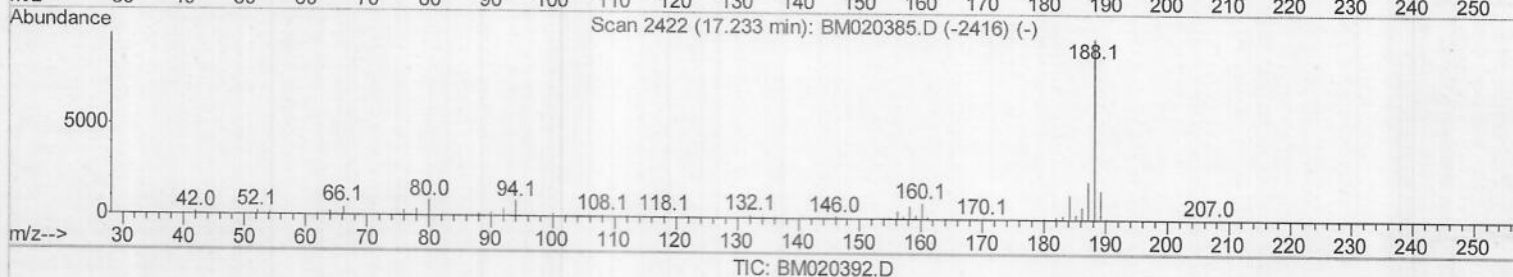
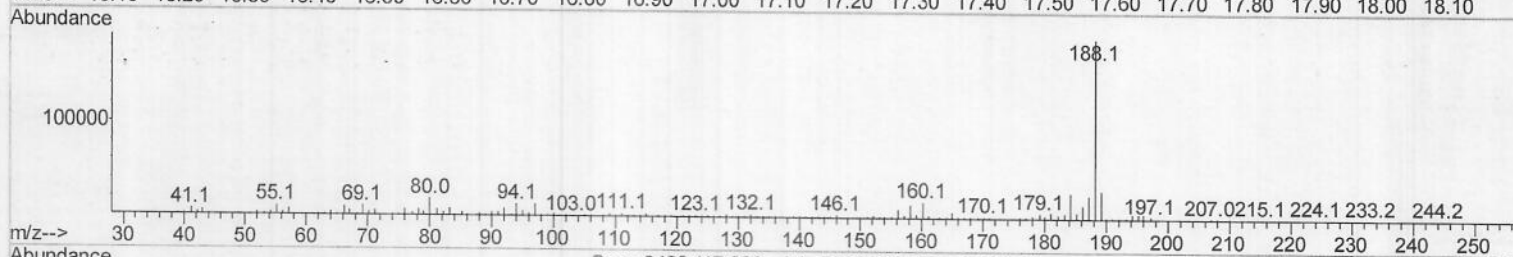
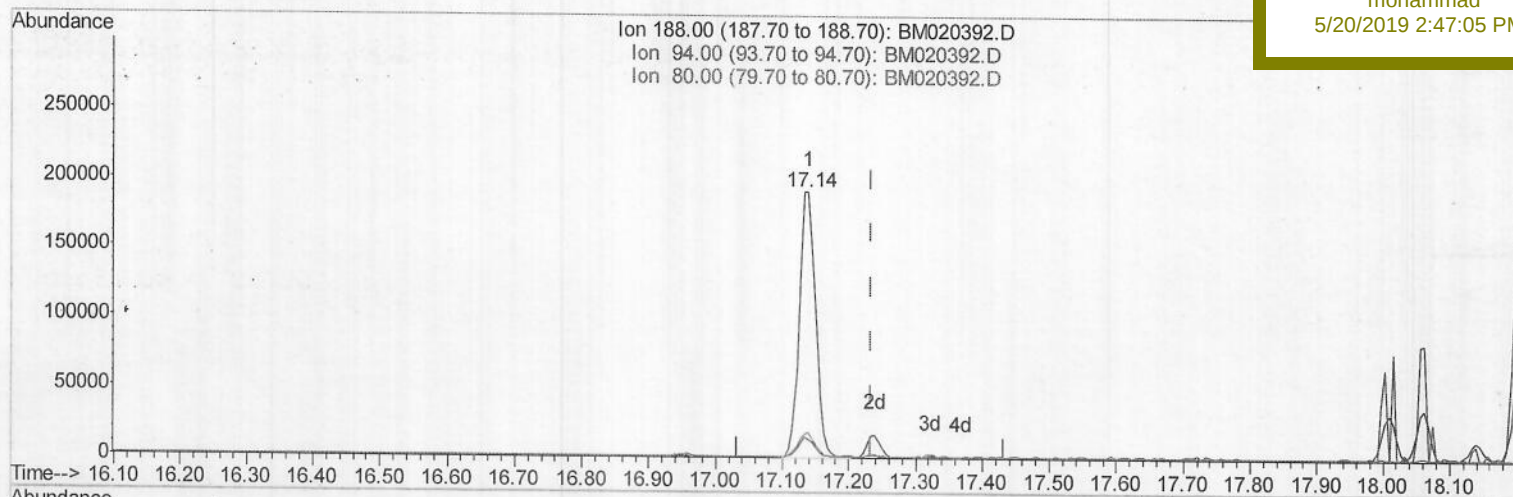
GAJ75

Manual Integrations

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(70) Anthracene-d10 (S)

17.139min (-0.094) 23.31ng/ul

response 325186

Ion	Exp%	Act%
188.00	100	100
94.00	8.10	6.90
80.00	9.20	9.43
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\

Data File : BM020392.D

Acq On : 18 May 2019 08:46

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 05:20:22 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 :

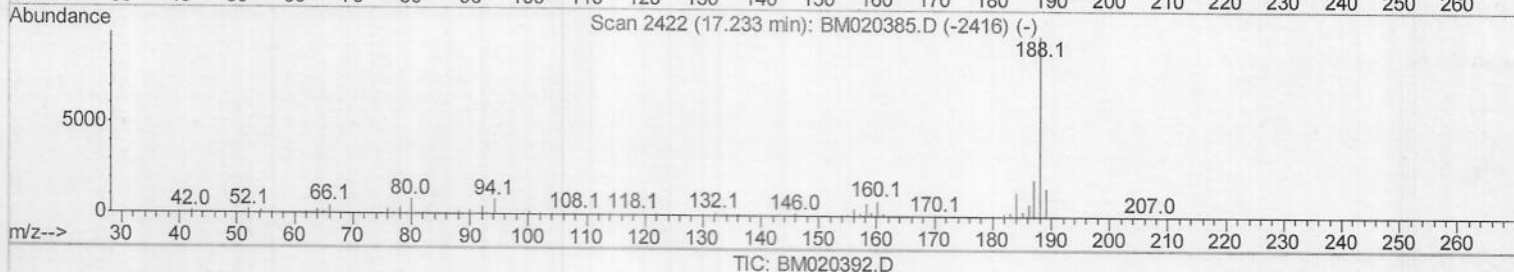
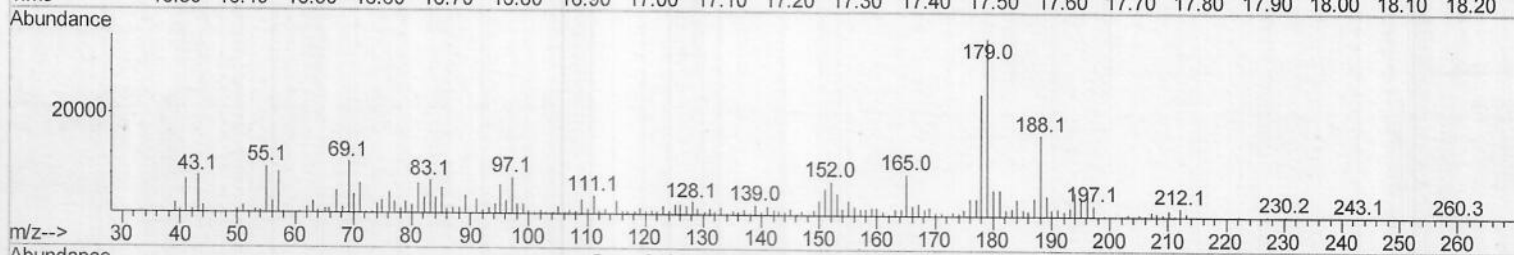
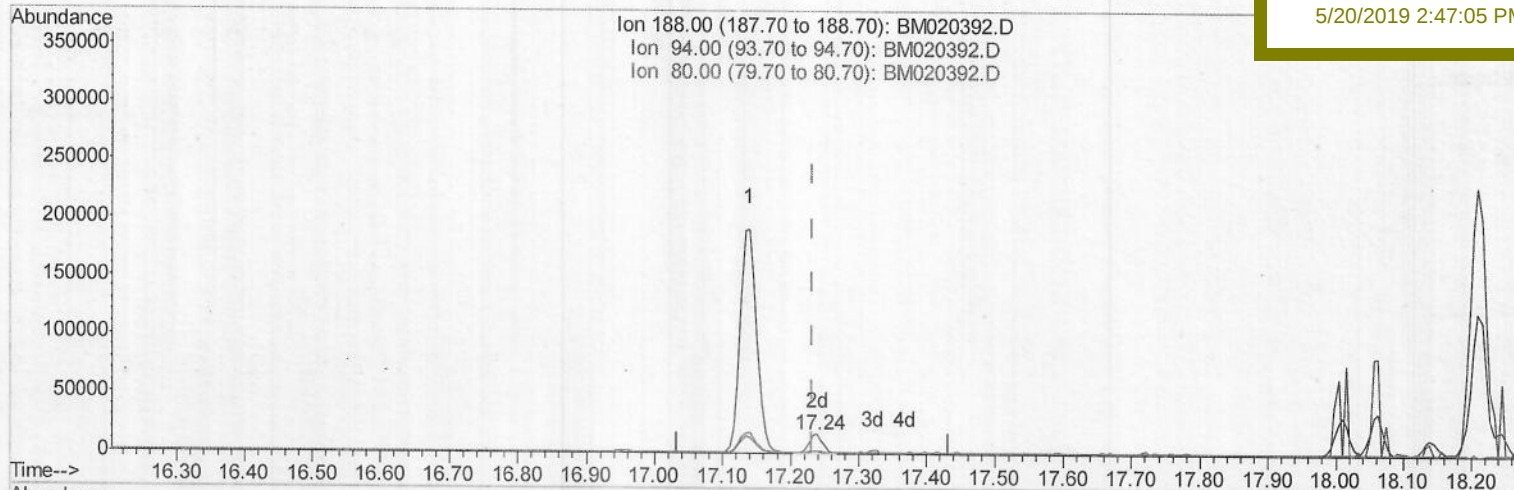
GAJ75

Manual Integrations

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(70) Anthracene-d10 (S)

17.239min (+0.006) 1.60ng/ul m

response 22295

Ion	Exp%	Act%
188.00	100	100
94.00	8.10	13.95#
80.00	9.20	12.48#
0.00	0.00	0.00

) 5005121/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\

Data File : BM020392.D

Acq On : 18 May 2019 08:46

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 05:20:22 2019

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Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

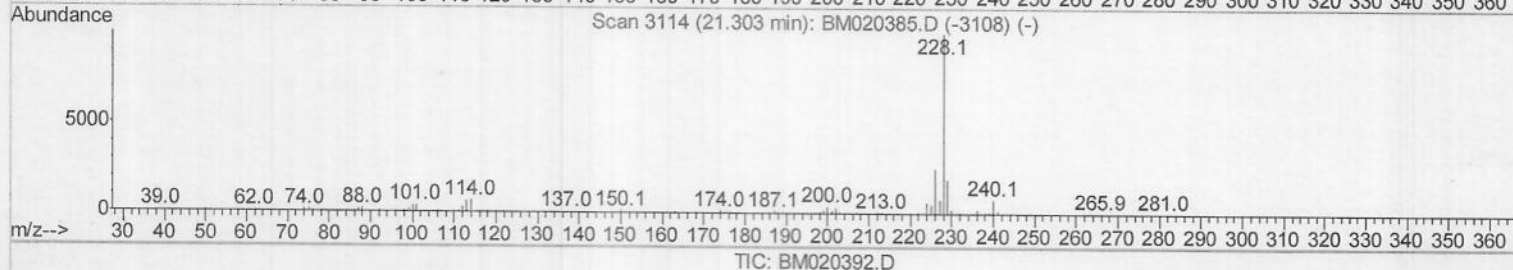
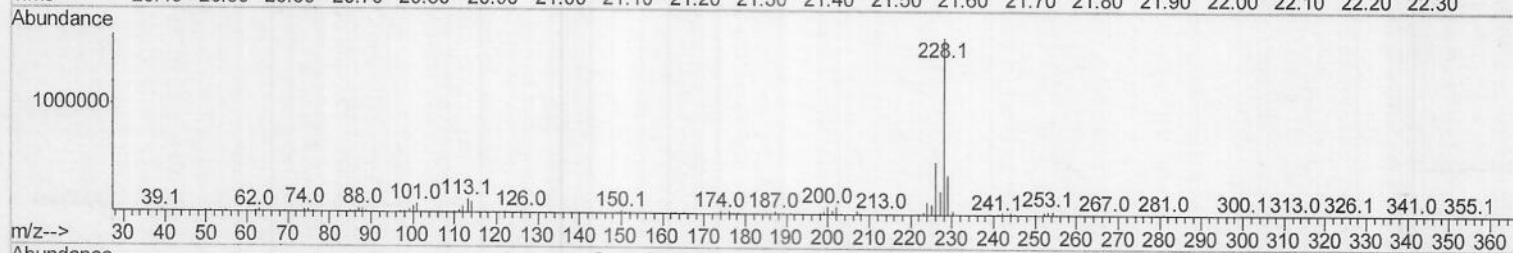
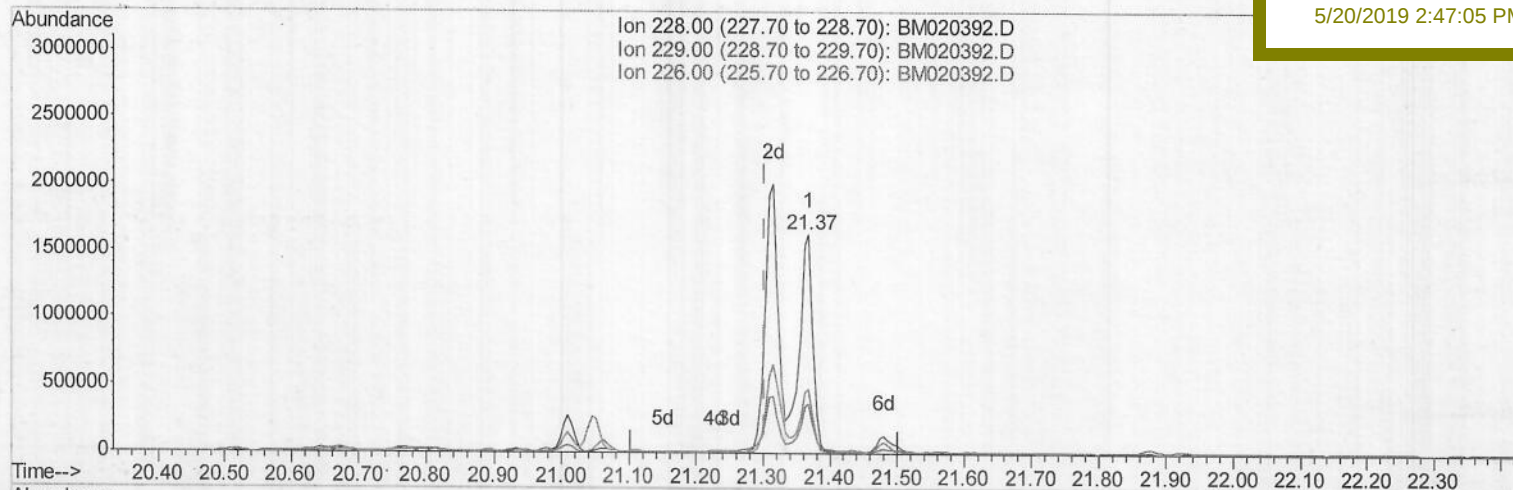
GAJ75

Manual Integrations

APPROVED

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5/20/2019 2:47:05 PM



TIC: BM020392.D

(82) Benzo(a)anthracene

21.368min (+0.065) 104.67ng/ul

response 2231503

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	22.19
226.00	25.70	29.15
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
GAJ75

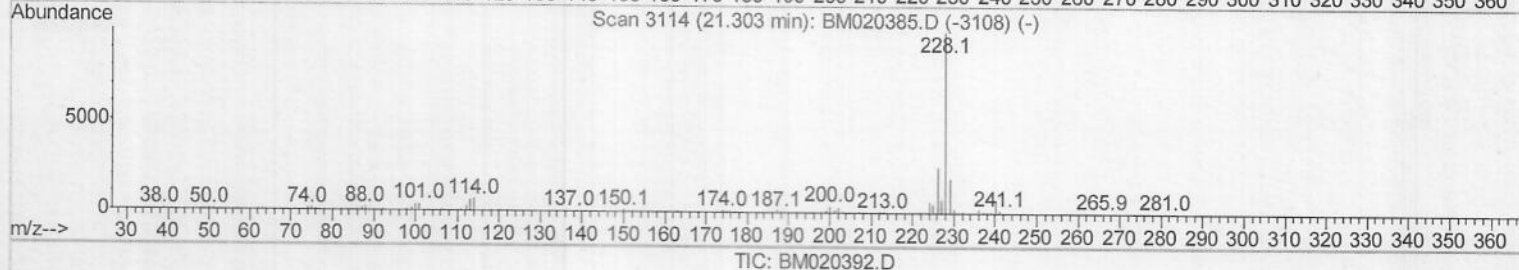
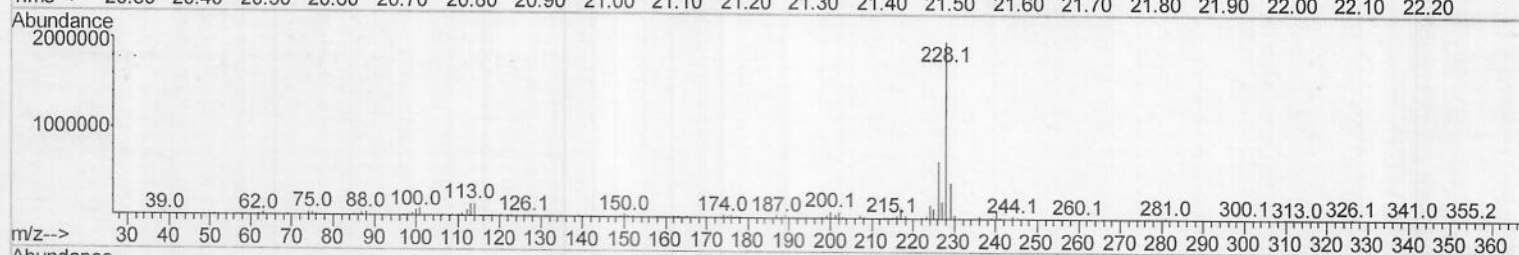
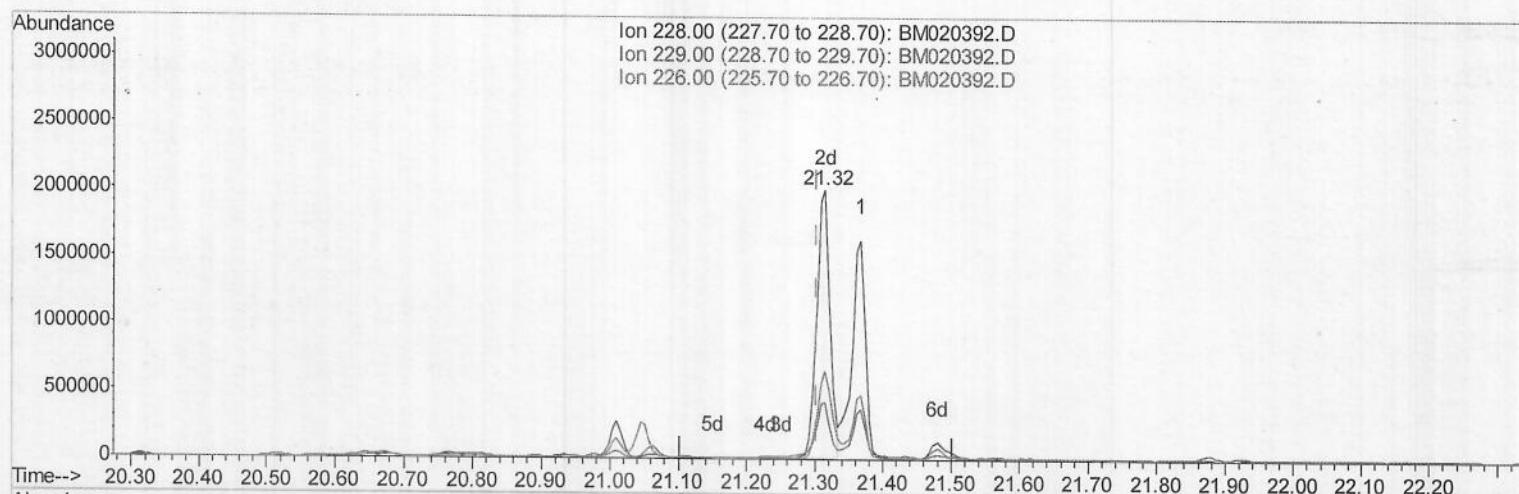
Manual Integrations
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Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020392.D
Acq On : 18 May 2019 08:46
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Sample : K2604-01 20X
Misc :
ALS Vial : 37 Sample Multiplier: 1

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Response via : Initial Calibration



(82) Benzo(a)anthracene

21.315min (+0.012) 127.72ng/ul m) 50 05/21/19

response 2722933

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	20.72
226.00	25.70	32.93#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\

Data File : BM020392.D

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Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 05:20:22 2019

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Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration

Instrument :

BNA_M

Client Sample ID :

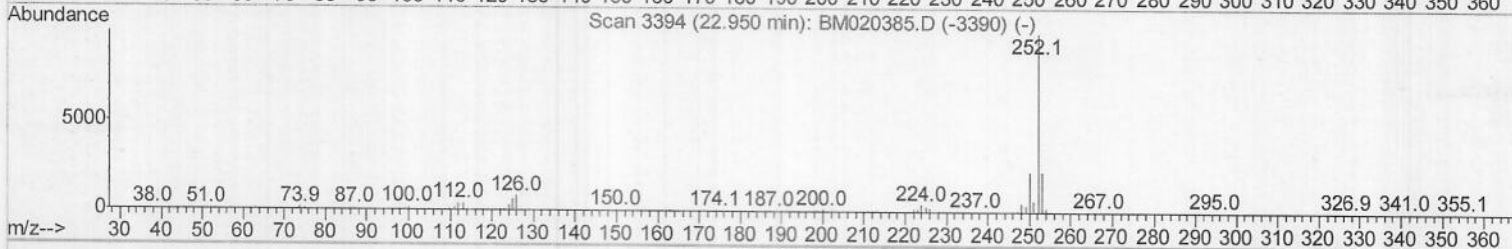
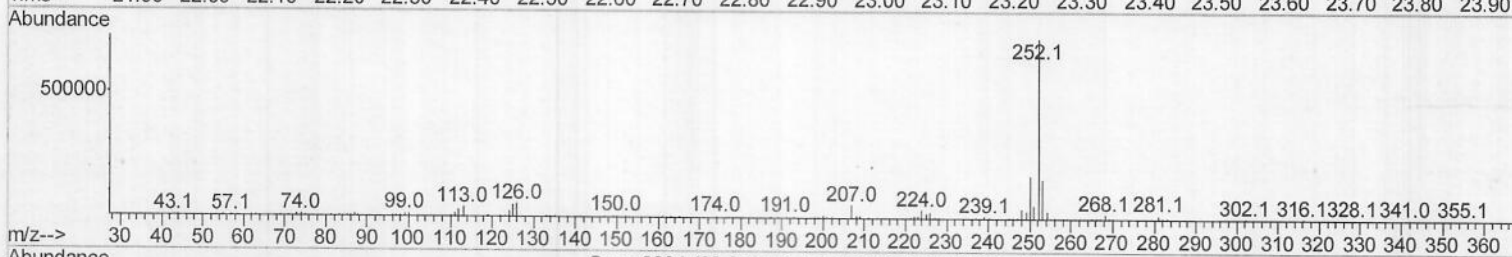
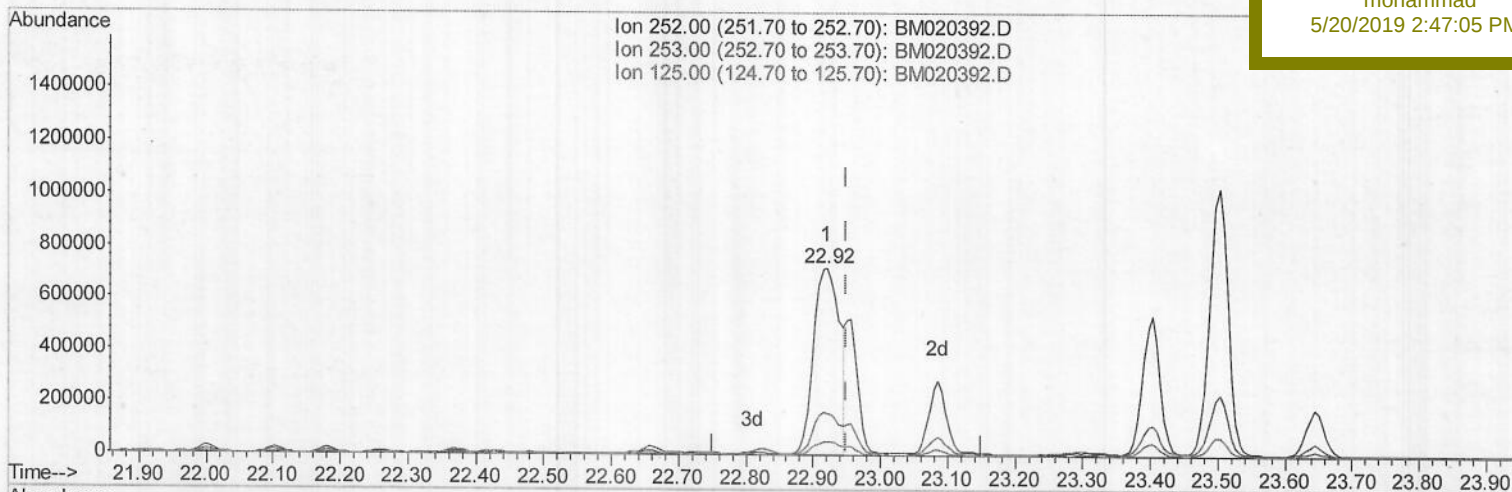
GAJ75

Manual Integrations

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(88) Benzo(k)fluoranthene

22.921min (-0.029) 83.52ng/ul

response 1920592

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.29
125.00	6.30	7.22
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\

Data File : BM020392.D

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Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

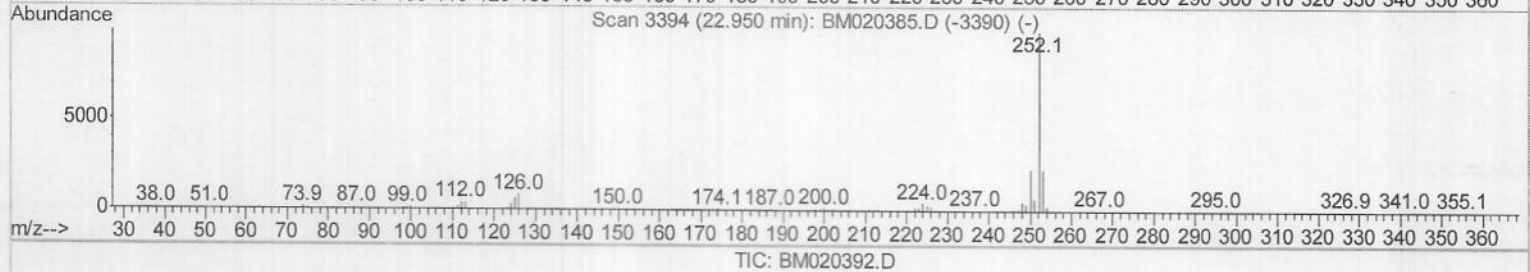
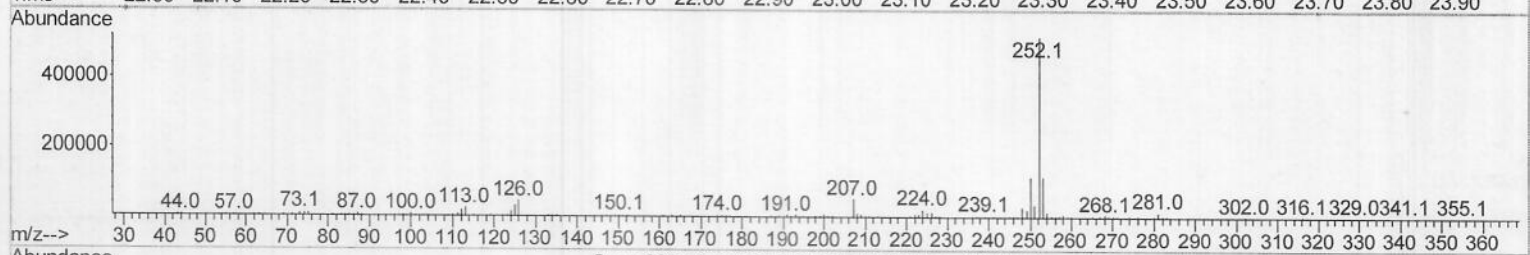
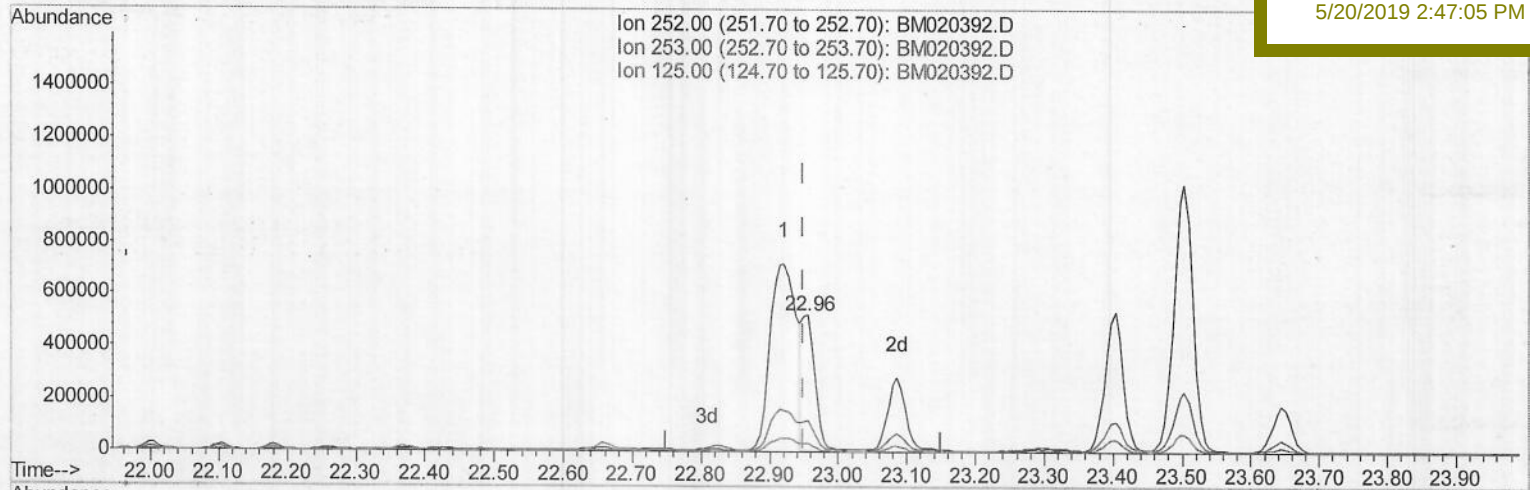
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Manual Integrations

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(88) Benzo(k)fluoranthene

22.956min (+0.006) 28.00ng/ul m

response 643877

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.00
125.00	6.30	6.27
0.00	0.00	0.00

) 5005/21/14

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051719\

Data File : BM020392.D

Acq On : 18 May 2019 08:46

Operator : JU/SJ

Sample : K2604-01 20X

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 20 08:45:02 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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	60683	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	226312	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	147880	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	325186	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	354214	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	410182	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	229	0.14	ng/uL	0.01
5) Phenol-d5	6.90	99	5497m)	1.14	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.07	67	4662	1.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	3985	1.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	3687	1.05	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	2683	1.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	1363	0.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	4359	1.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	4799m)	1.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	18308	1.72	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	19381	1.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	4246	2.75	ng/ul	-0.01
57) Fluorene-d10	15.37	176	17049	1.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	1174	0.63	ng/ul	0.02
70) Anthracene-d10	17.24	188	22295m)	1.60	ng/ul	0.00
78) Pyrene-d10	19.53	212	27367	1.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	28545	1.53	ng/ul	0.01

Target Compounds

					Ovalue	
11) 2-Methylphenol	8.17	108	12115m)	3.500	ng/ul	
16) 4-Methylphenol	8.51	108	8435	2.250	ng/ul	93
24) 2,4-Dimethylphenol	9.73	107	33351m)	8.279	ng/ul	
28) Naphthalene	10.59	128	9847349	947.063	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	3789912	503.414	ng/ul	97
40) 1,1'-Biphenyl	13.21	154	516192	48.758	ng/ul	100
47) Acenaphthylene	14.11	152	2455428	195.652	ng/ul	98
49) Acenaphthene	14.44	153	318533	36.920	ng/ul	99
53) Dibenzofuran	14.79	168	858487	65.707	ng/ul	97
58) Fluorene	15.44	166	2059261	196.747	ng/ul	100
69) Phenanthrene	17.19	178	11224393	724.421	ng/ul	98
71) Anthracene	17.27	178	2639582	167.475	ng/ul	100
74) Carbazole	17.54	167	228549	17.084	ng/ul	96
76) Fluoranthene	19.20	202	5761098	294.349	ng/ul	98
79) Pyrene	19.57	202	6772900	318.565	ng/ul	97
82) Benzo(a)anthracene	21.32	228	2722933m)	127.721	ng/ul	
84) Chrysene	21.37	228	2256452	110.752	ng/ul	96
87) Benzo(b)fluoranthene	22.92	252	1920592	82.041	ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	643877m)	28.002	ng/ul	
90) Benzo(a)pyrene	23.50	252	1947595	88.402	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	828498	33.003	ng/ul	98
92) Dibenzo(a,h)anthracene	25.90	278	241001	11.226	ng/ul#	92
93) Benzo(g,h,i)perylene	26.61	276	770184	37.063	ng/ul	98

JU 05/21/19

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Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

GAJ75

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed