

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

Data File : BM020406.D

Acq On : 18 May 2019 19:02

Operator : JU/SJ

Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 08:27:33 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 Sample ID :

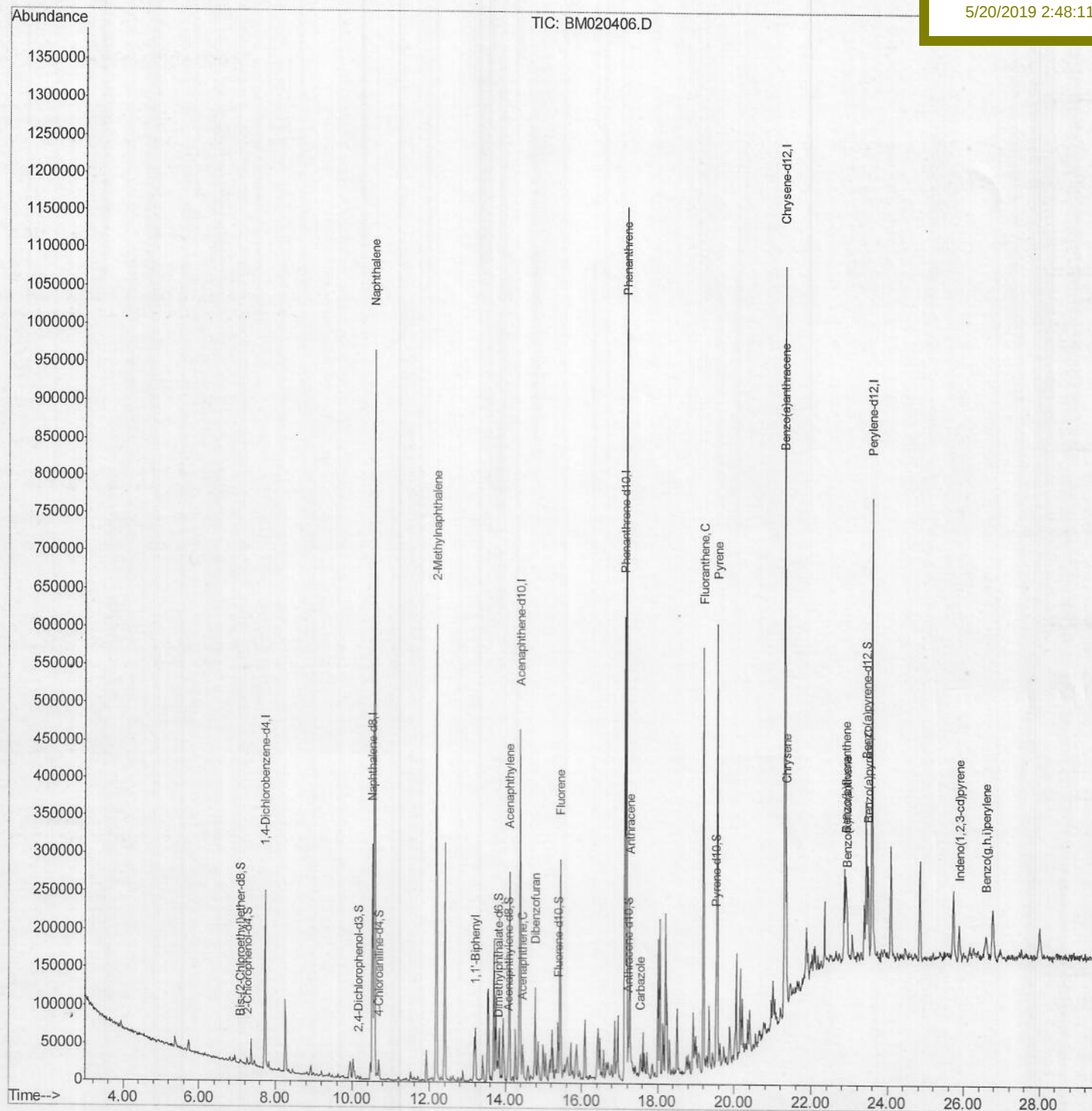
GAJ75MEDL2

Manual Integrations

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Quantitation Report (Qedit)

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

Data File : BM020406.D

Acq On : 18 May 2019 19:02

Operator : JU/SJ

Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 07:13:30 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 :

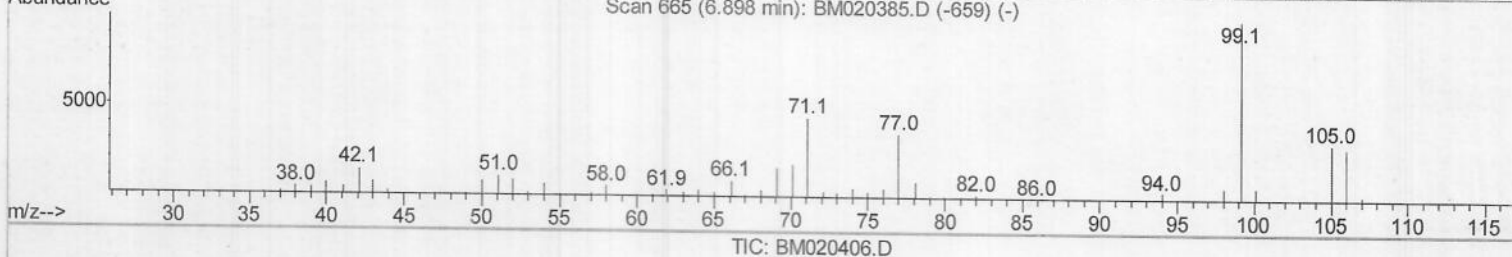
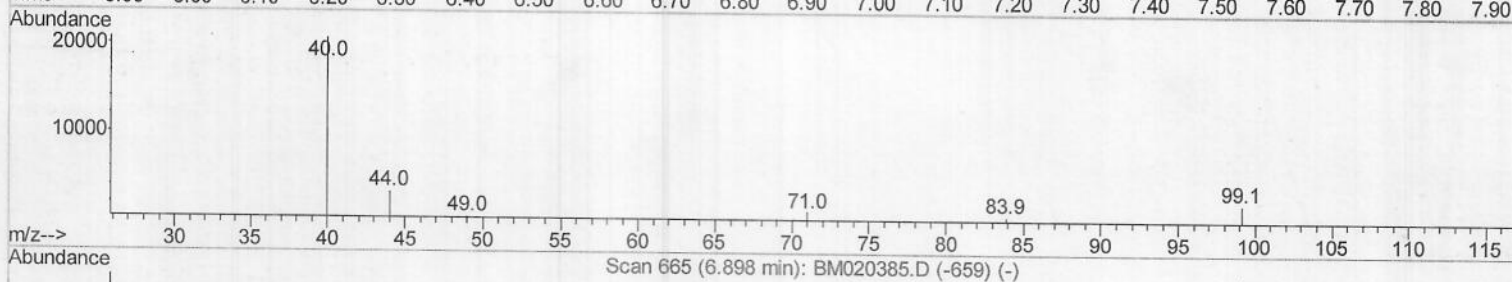
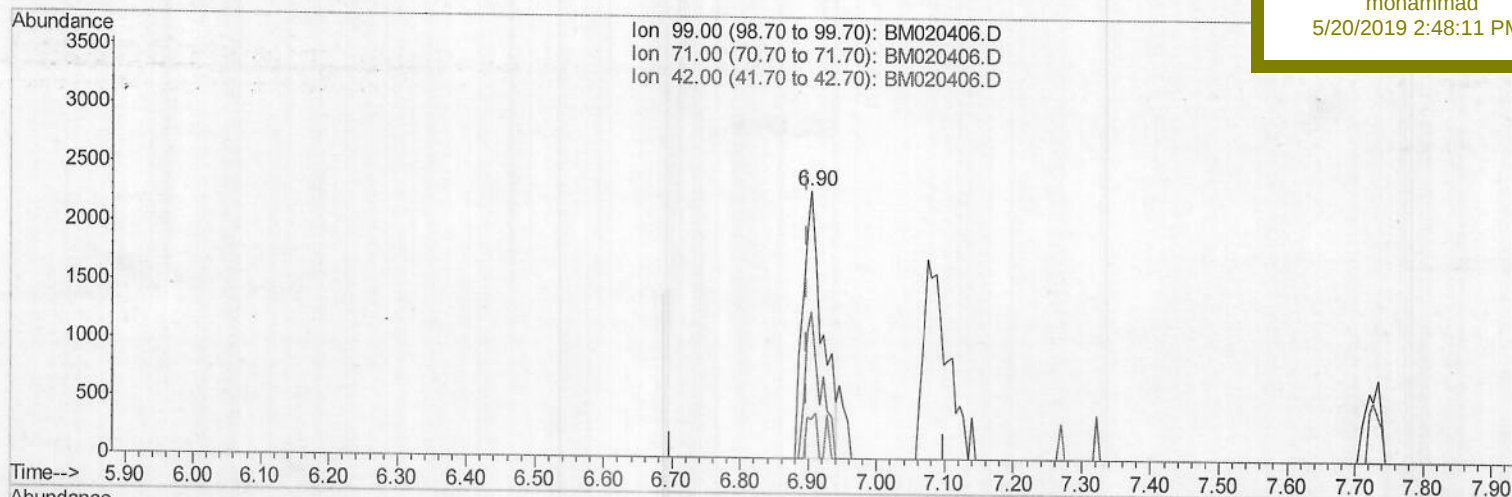
GAJ75MEDL2

Manual Integrations

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(5) Phenol-d5 (S)

6.904min (+0.006) 0.85ng/ul

response 4405

Ion	Exp%	Act%
99.00	100	100
71.00	45.30	55.20#
42.00	14.50	14.69
0.00	0.00	0.00

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Acq On : 18 May 2019 19:02

Operator : JU/SJ

Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 07:13:30 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 Sample ID :

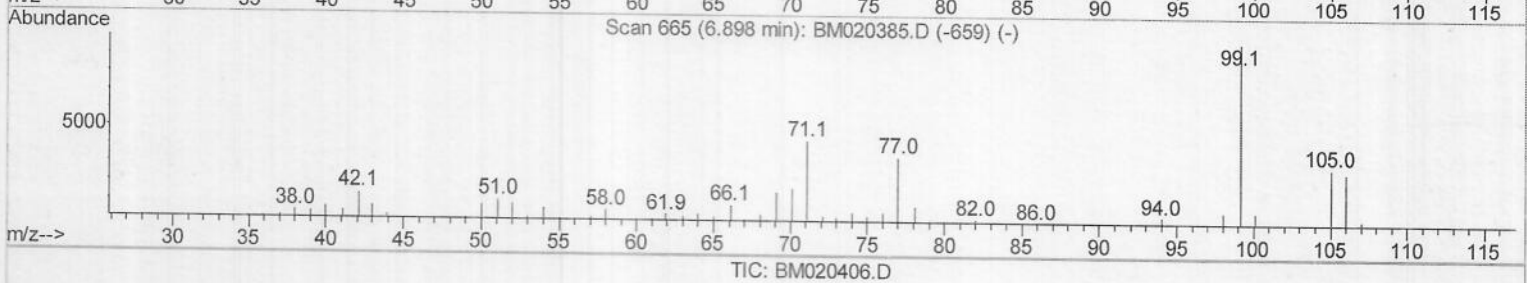
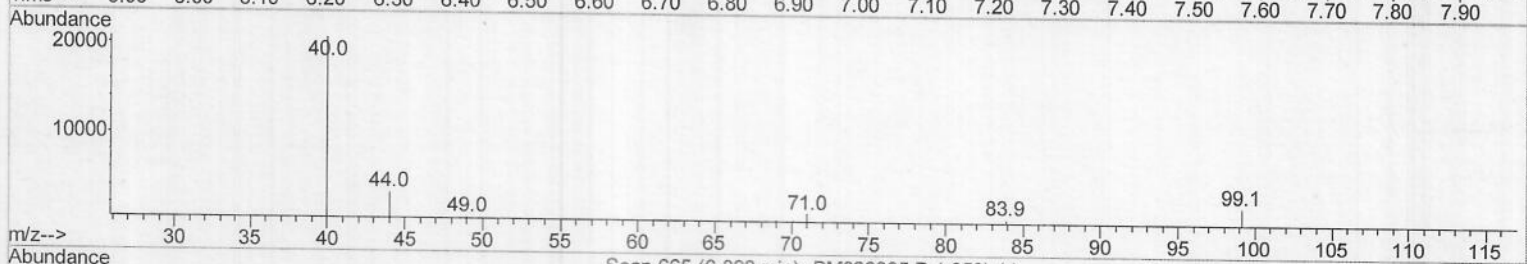
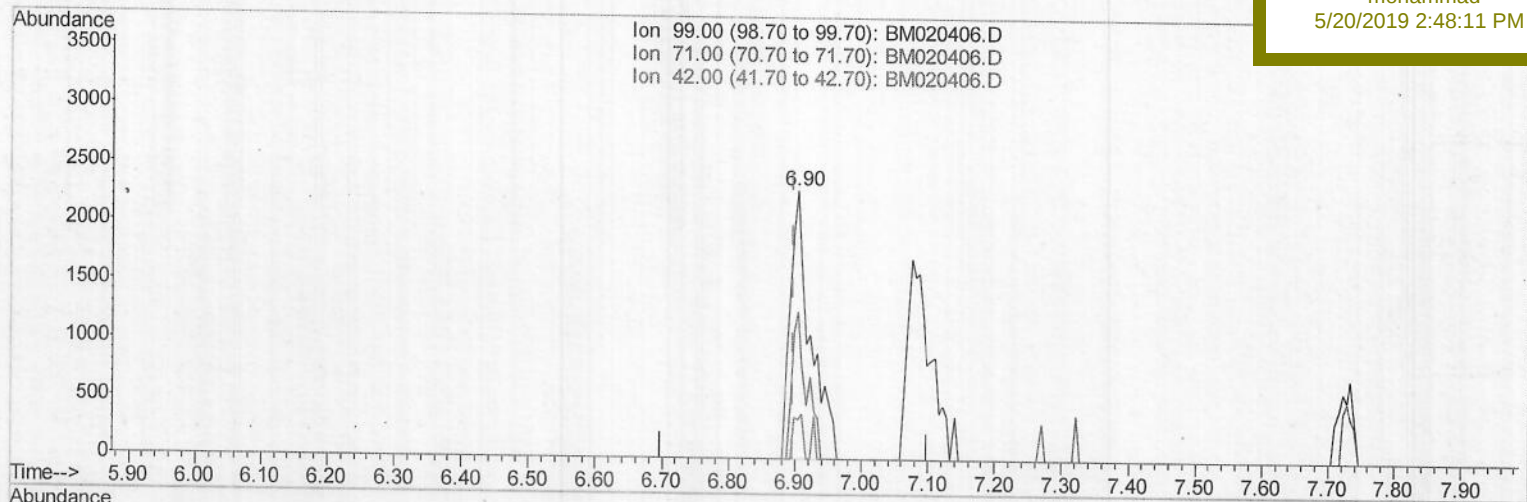
GAJ75MEDL2

Manual Integrations

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(5) Phenol-d5 (S)

6.904min (+0.006) 0.94ng/ul m) JU 05/21/19

response 4897

Ion	Exp%	Act%
99.00	100	100
71.00	45.30	55.20#
42.00	14.50	14.69
0.00	0.00	0.00

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

Data File : BM020406.D

Acq On : 18 May 2019 19:02

Operator : JU/SJ

Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 07:13:30 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 :

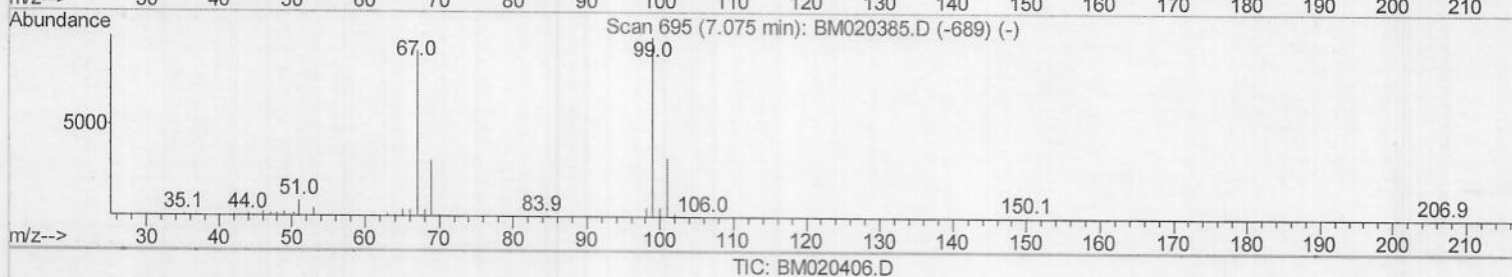
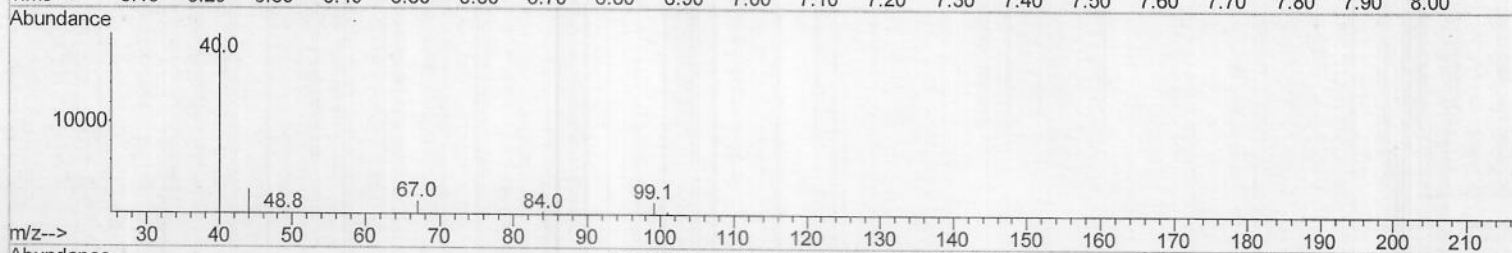
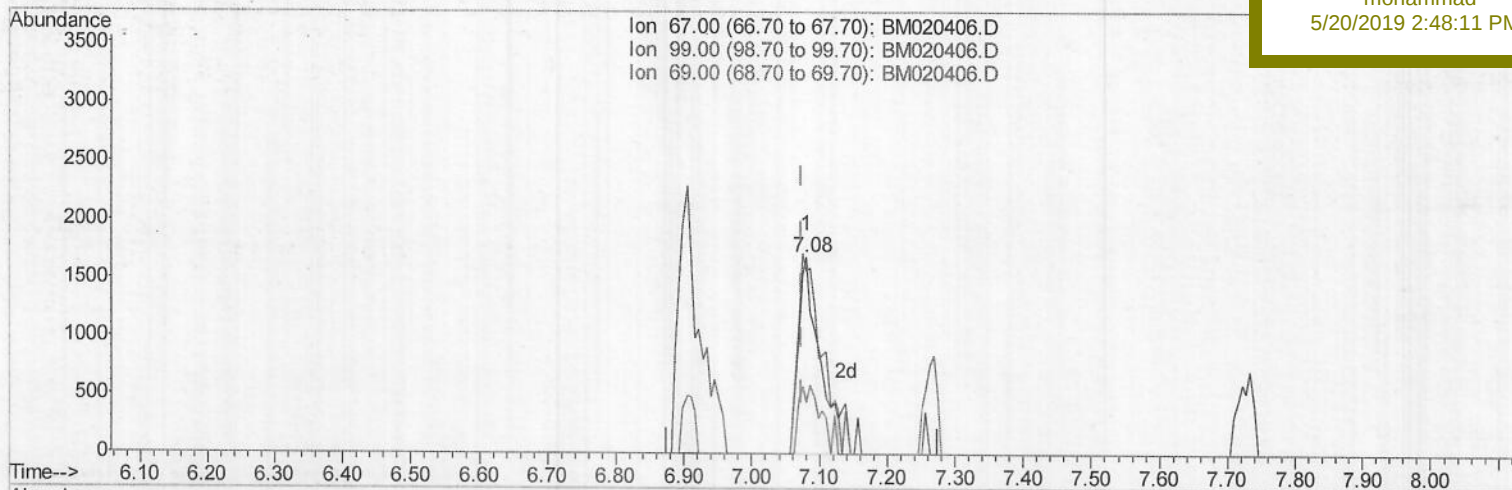
GAJ75MEDL2

Manual Integrations

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TIC: BM020406.D

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

7.081min (+0.006) 1.08ng/ul

response 3580

Ion	Exp%	Act%
67.00	100	100
99.00	114.20	92.30
69.00	31.10	25.99
0.00	0.00	0.00

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

Data File : BM020406.D

Acq On : 18 May 2019 19:02

Operator : JU/SJ

Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 07:13:30 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 :

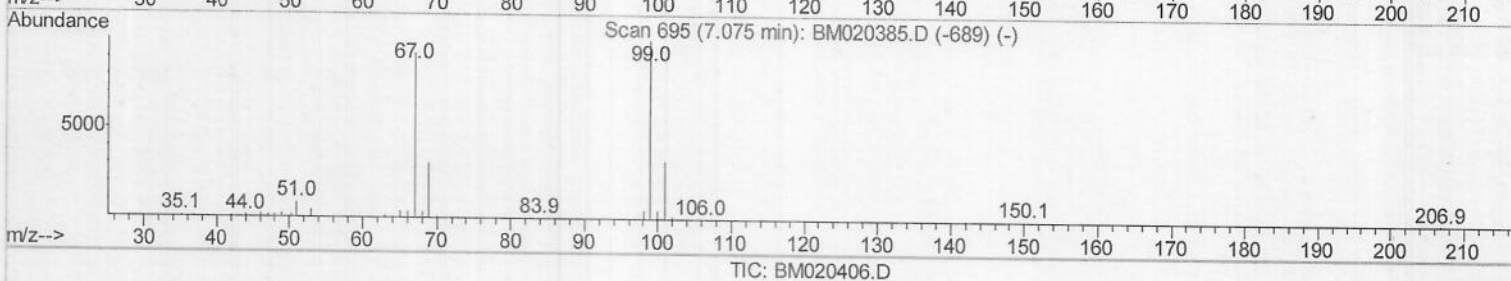
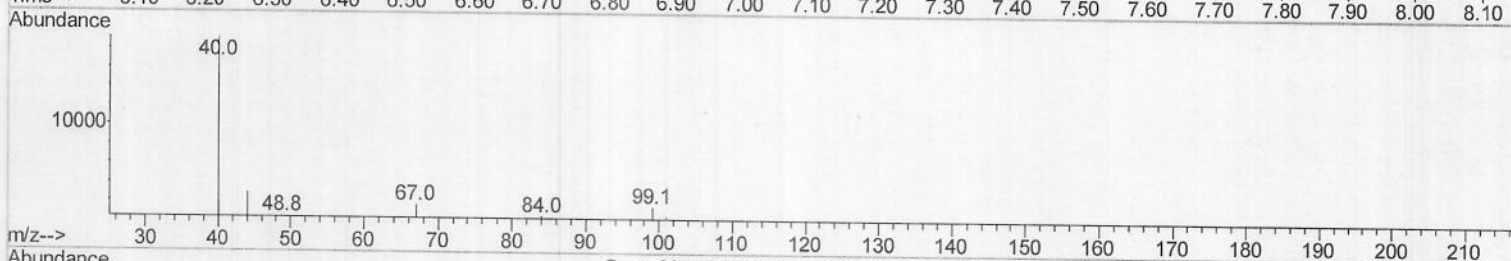
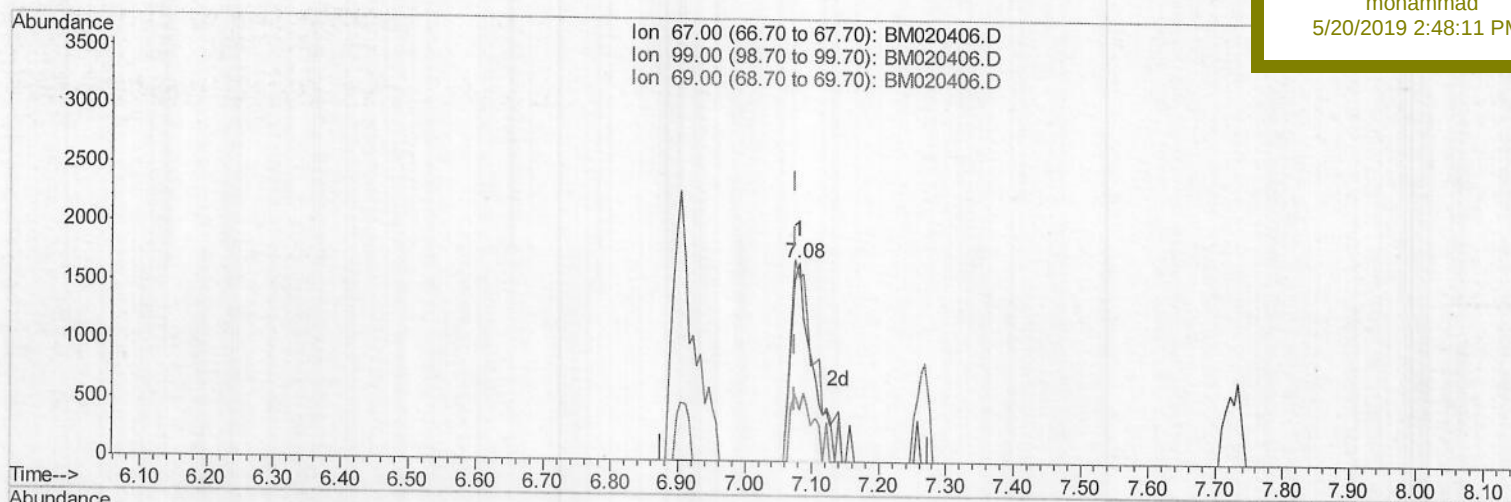
GAJ75MEDL2

Manual Integrations

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

7.081min (+0.006) 1.17ng/ul m) 5005/21/19

response 3862

Ion	Exp%	Act%
67.00	100	100
99.00	114.20	92.30
69.00	31.10	25.99
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : JU/SJ

Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 07:13:30 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 :

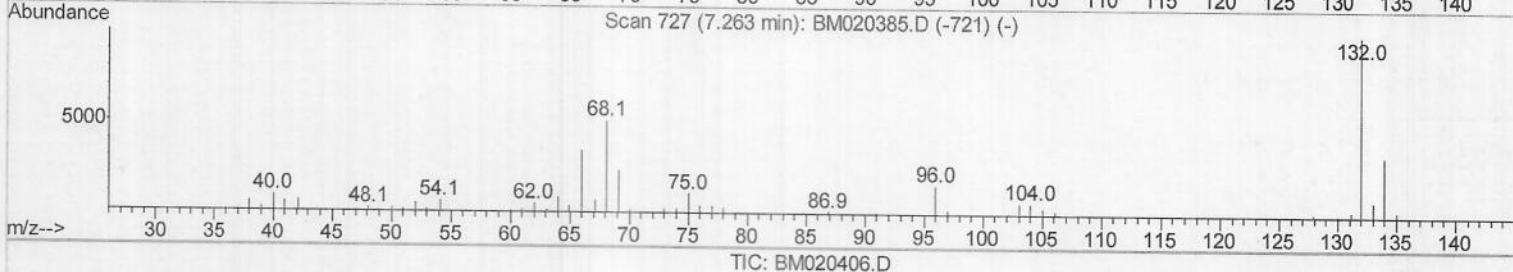
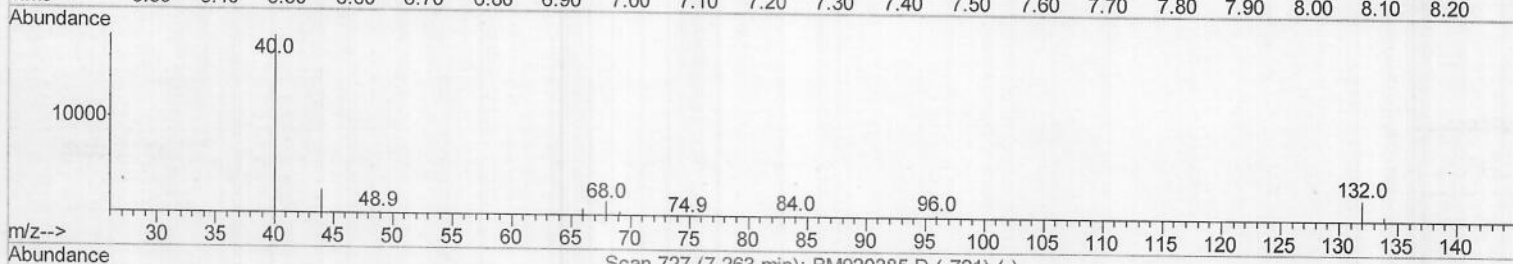
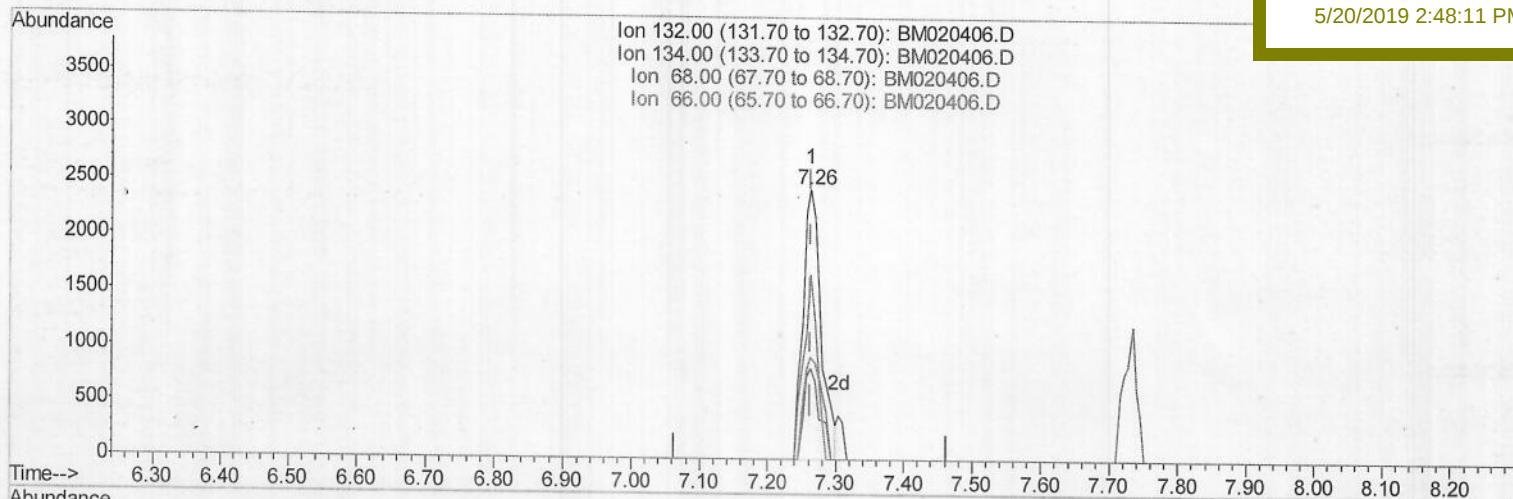
GAJ75MEDL2

Manual Integrations

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(9) 2-Chlorophenol-d4 (S)

7.263min (-0.000) 1.15ng/ul

response 4406

Ion	Exp%	Act%
132.00	100	100
134.00	32.70	33.50
68.00	53.30	68.60#
66.00	35.40	37.65

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Acq On : 18 May 2019 19:02

Operator : JU/SJ

Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 07:13:30 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 :

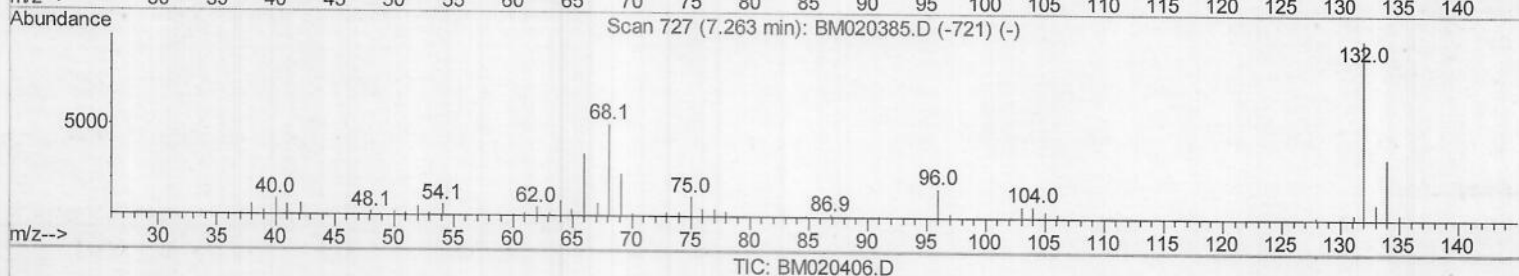
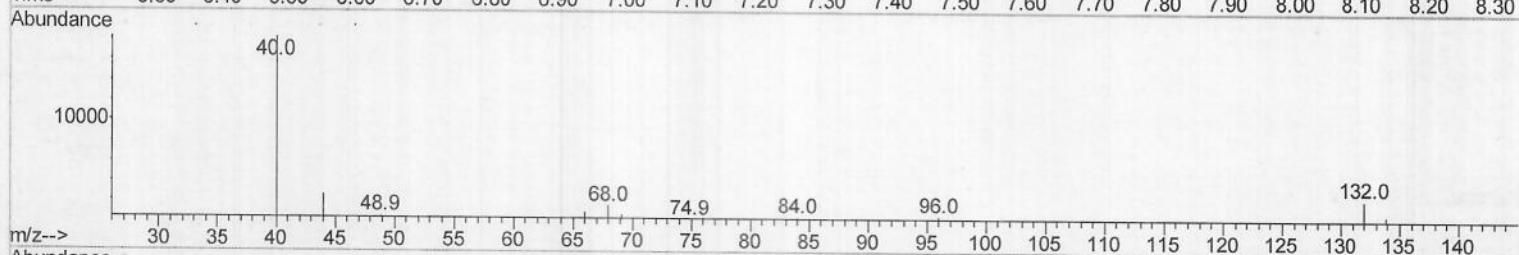
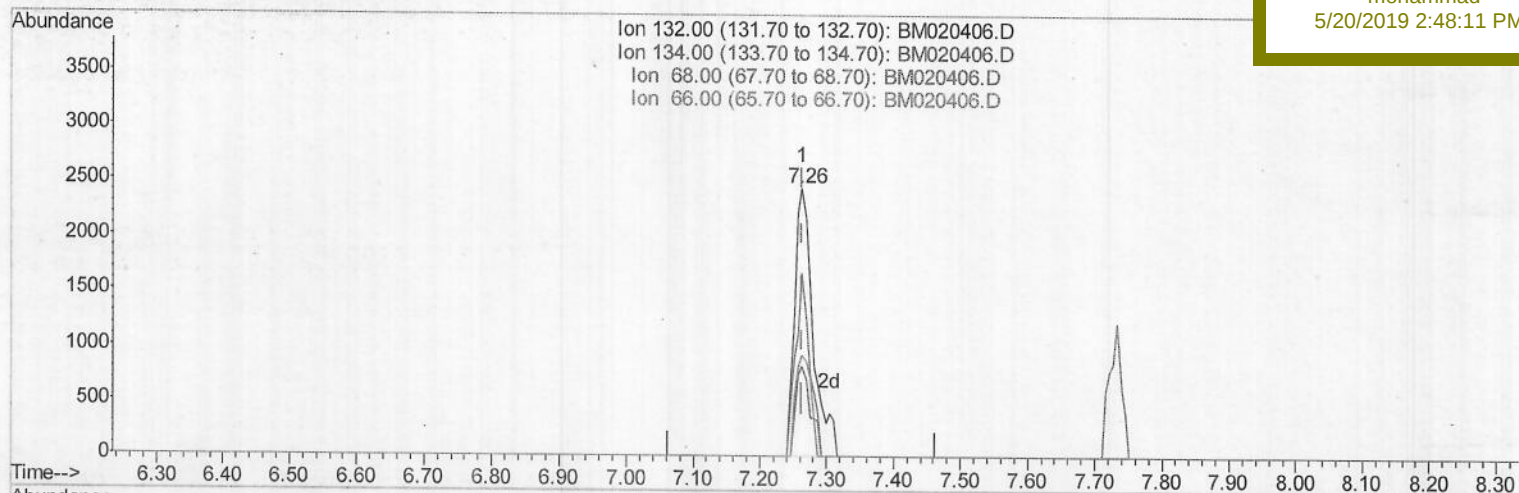
GAJ75MEDL2

Manual Integrations

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(9) 2-Chlorophenol-d4 (S)

7.263min (-0.000) 1.22ng/ul m

J5005121119

response 4659

Ion	Exp%	Act%
132.00	100	100
134.00	32.70	33.50
68.00	53.30	68.60#
66.00	35.40	37.65

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Acq On : 18 May 2019 19:02

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Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 07:13:30 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 :

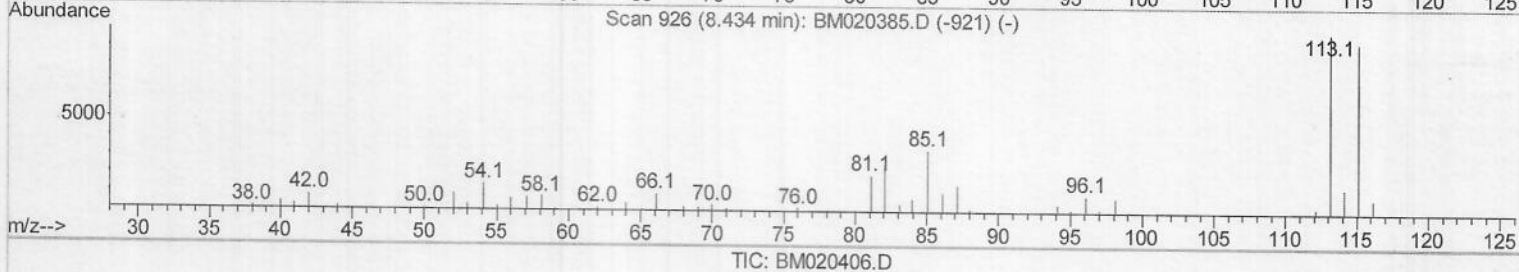
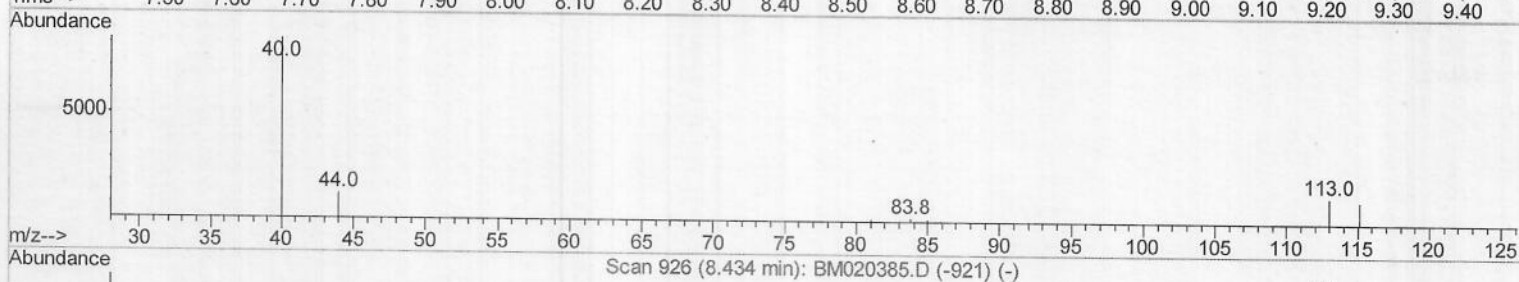
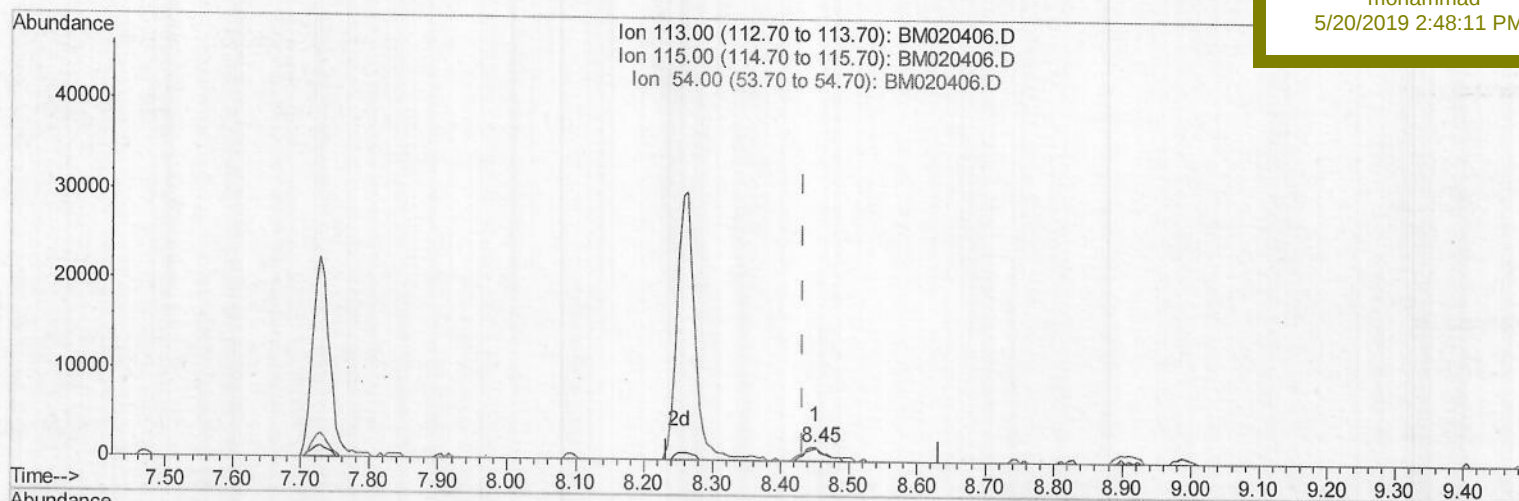
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Manual Integrations

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(13) 4-Methylphenol-d8 (S)

8.451min (+0.018) 0.82ng/ul

response 3106

Ion	Exp%	Act%
113.00	100	100
115.00	91.10	87.41
54.00	13.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM020406.D

Acq On : 18 May 2019 19:02

Operator : JU/SJ

Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 07:13:30 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 :

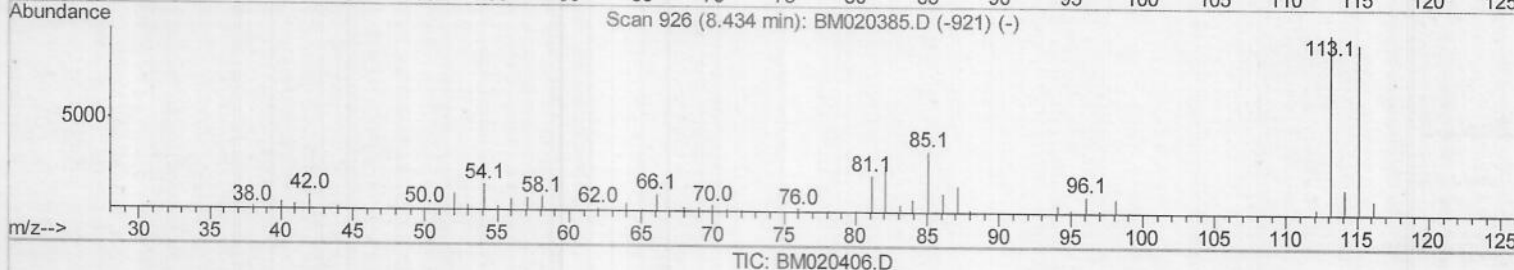
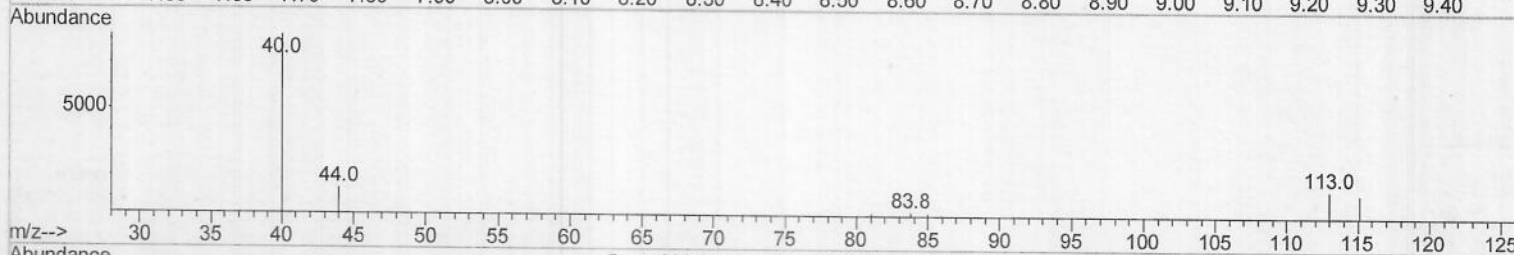
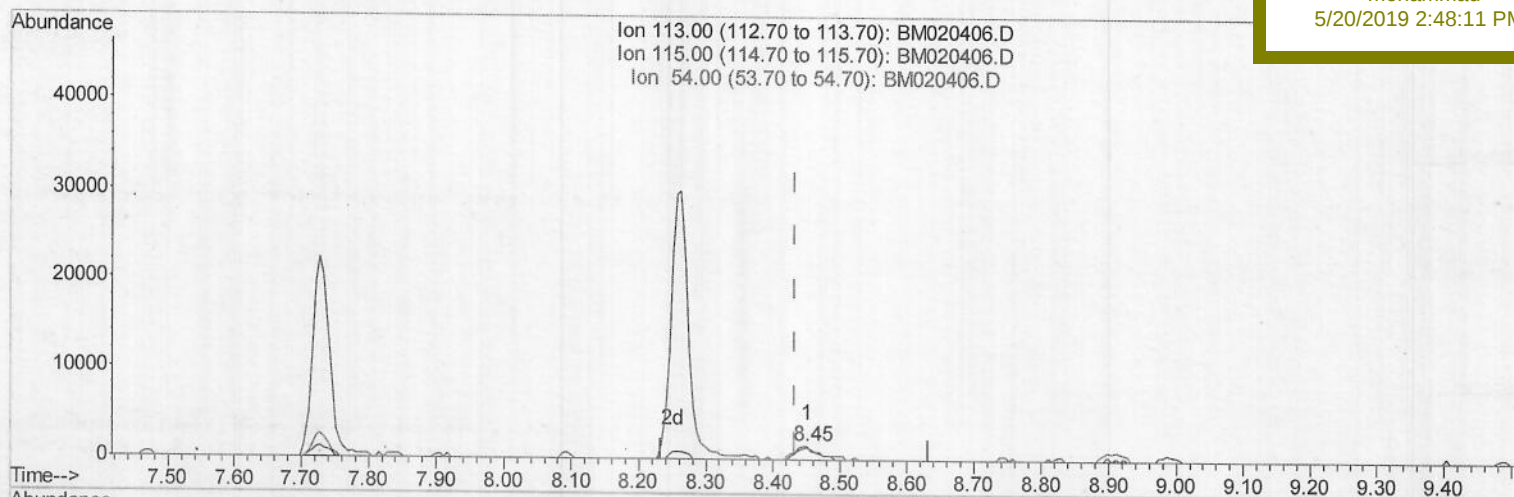
GAJ75MEDL2

Manual Integrations

APPROVED

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(13) 4-Methylphenol-d8 (S)

8.451min (+0.018) 0.85ng/ul m) 5005121/19

response 3230

Ion	Exp%	Act%
113.00	100	100
115.00	91.10	87.41
54.00	13.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM020406.D

Acq On : 18 May 2019 19:02

Operator : JU/SJ

Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 07:13:30 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 :

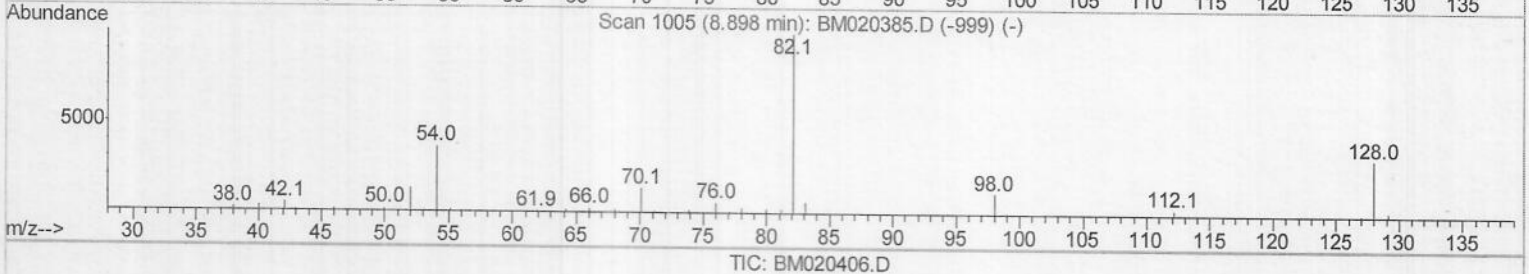
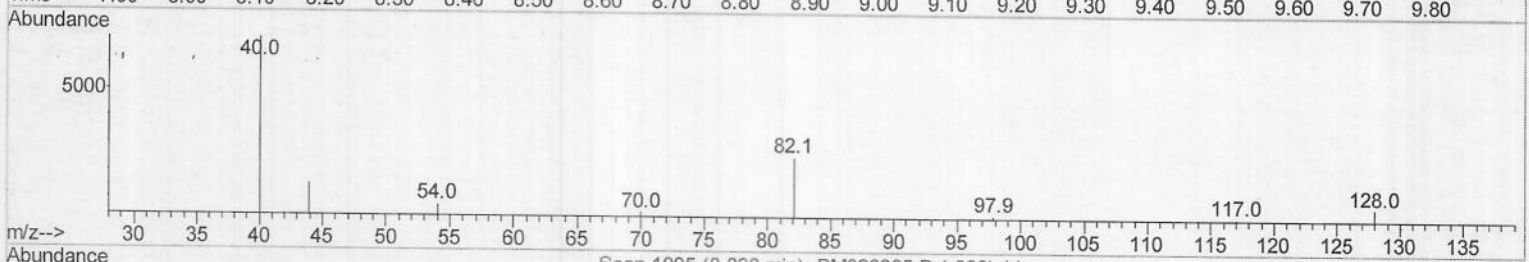
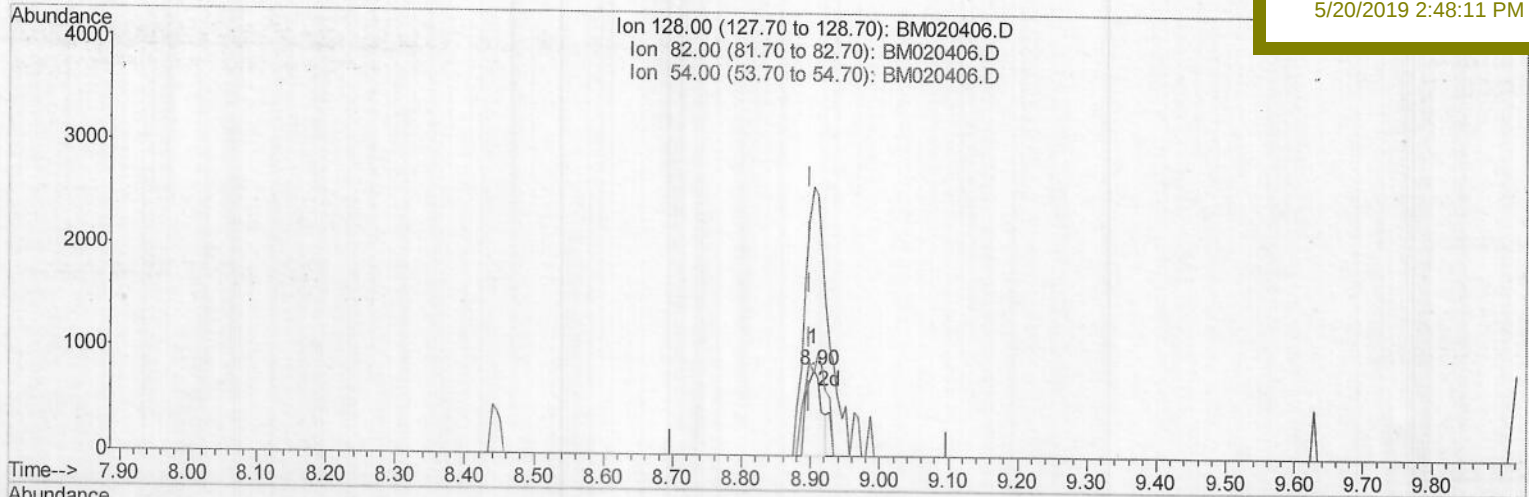
GAJ75MEDL2

Manual Integrations

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(19) Nitrobenzene-d5 (S)

8.904min (+0.006) 0.82ng/ul

response 1270

Ion	Exp%	Act%
128.00	100	100
82.00	303.00	318.33
54.00	104.80	95.94
0.00	0.00	0.00

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

Data File : BM020406.D

Acq On : 18 May 2019 19:02

Operator : JU/SJ

Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 07:13:30 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 Sample ID :

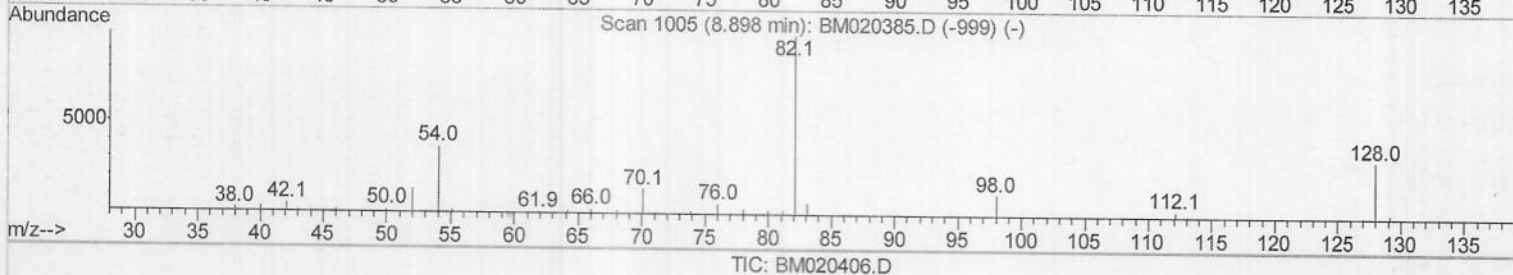
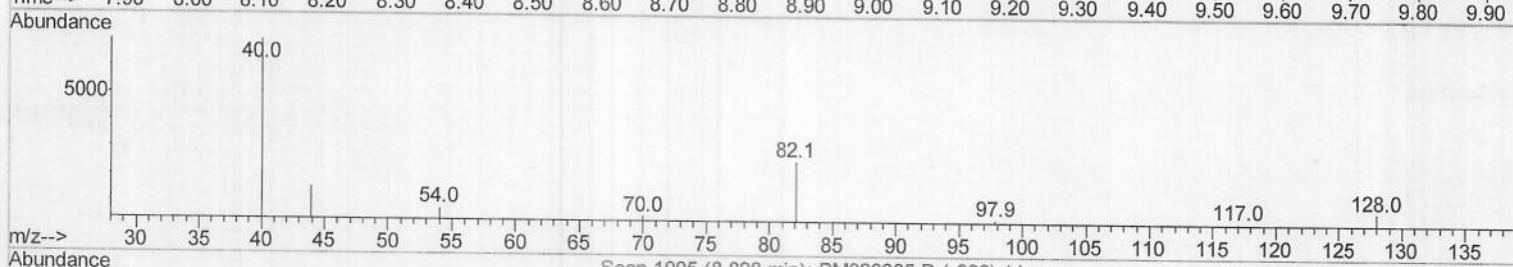
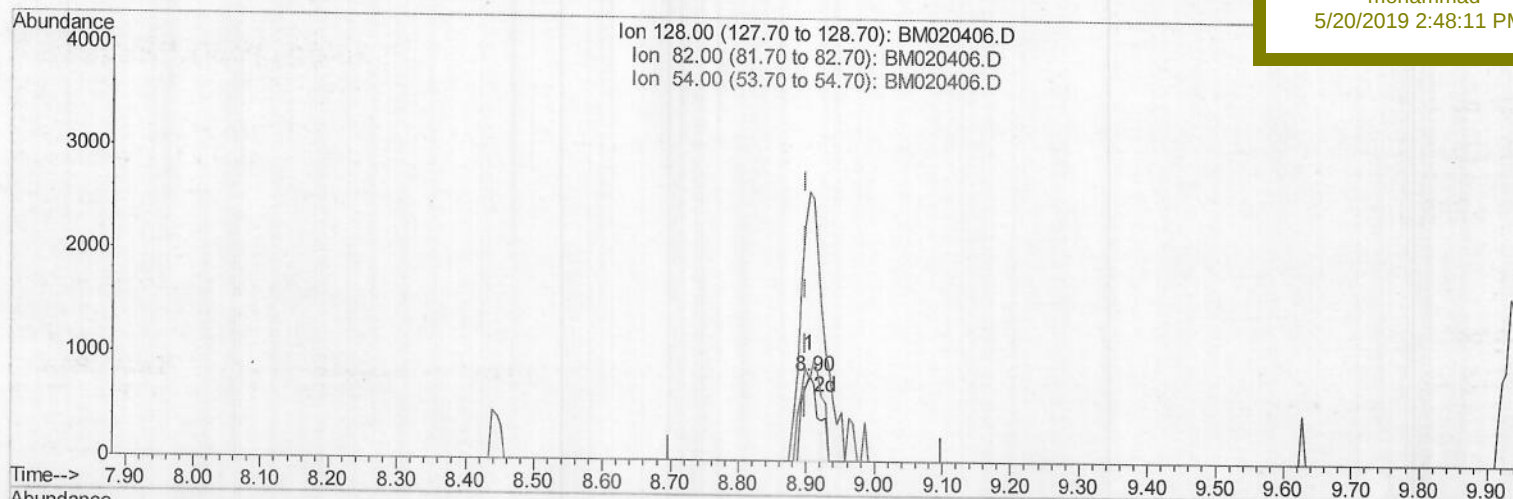
GAJ75MEDL2

Manual Integrations

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(19) Nitrobenzene-d5 (S)

8.904min (+0.006) 0.91ng/ul m

JU05/21/19

response 1416

Ion	Exp%	Act%
128.00	100	100
82.00	303.00	318.33
54.00	104.80	95.94
0.00	0.00	0.00

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

Data File : BM020406.D

Acq On : 18 May 2019 19:02

Operator : JU/SJ

Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 07:13:30 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 :

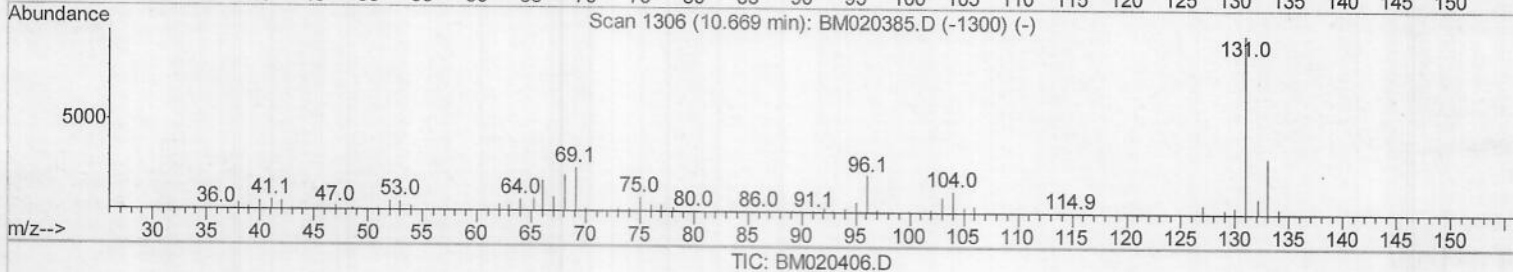
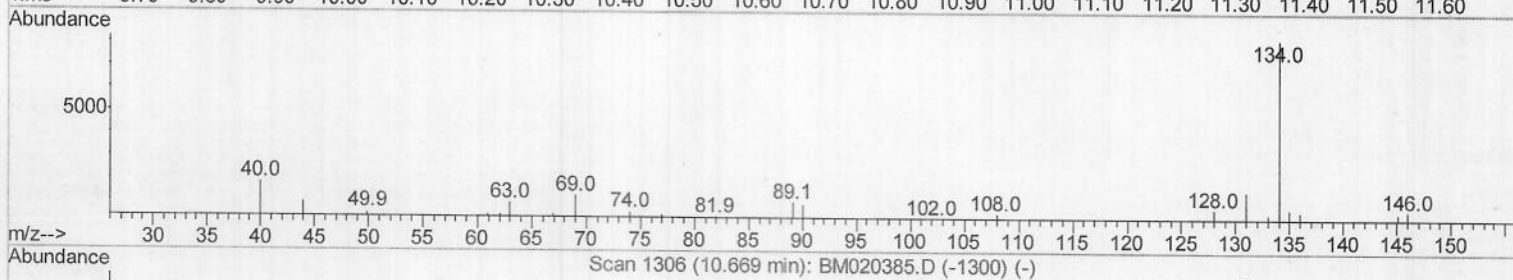
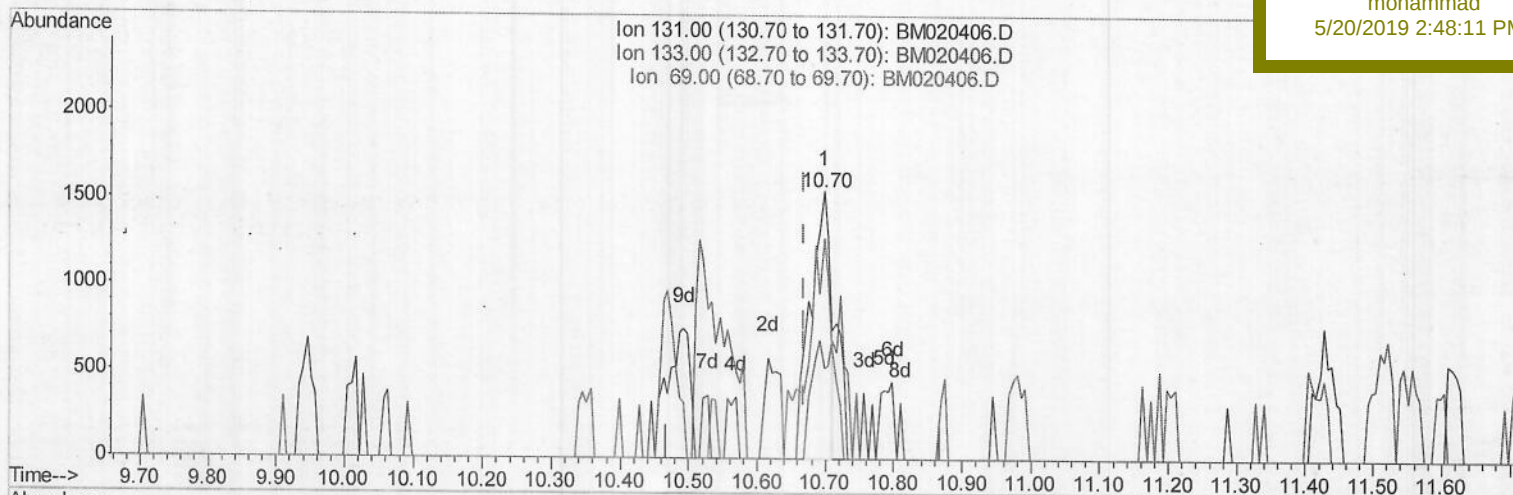
GAJ75MEDL2

Manual Integrations

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(29) 4-Chloroaniline-d4 (S)

10.698min (+0.029) 0.83ng/ul

response 3118

Ion	Exp%	Act%
131.00	100	100
133.00	32.30	33.55
69.00	24.20	82.16#
0.00	0.00	0.00

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Misc :

ALS Vial : 12 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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Instrument :

BNA_M

ClientSampleId :

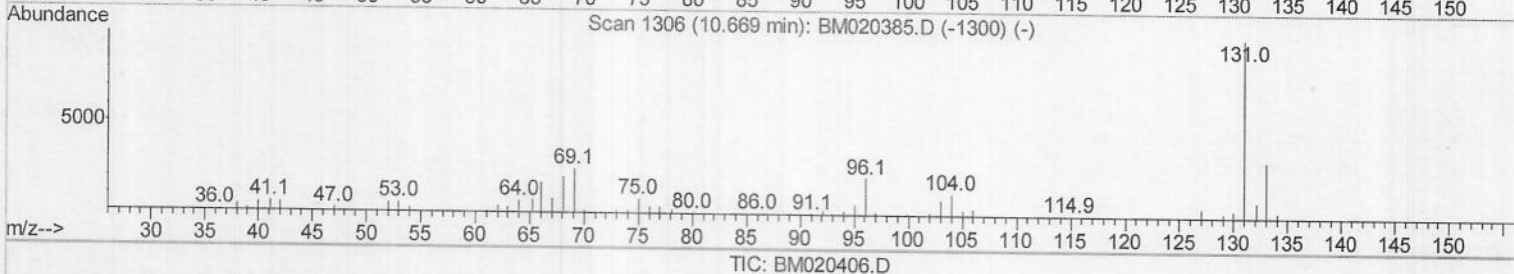
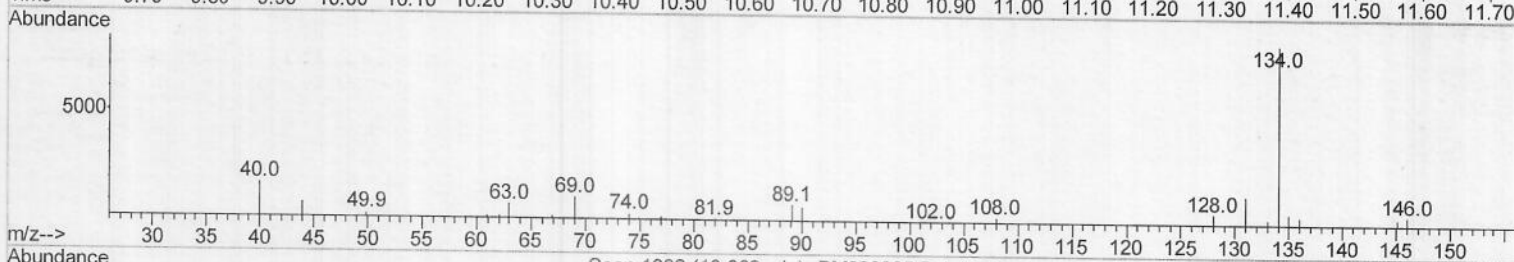
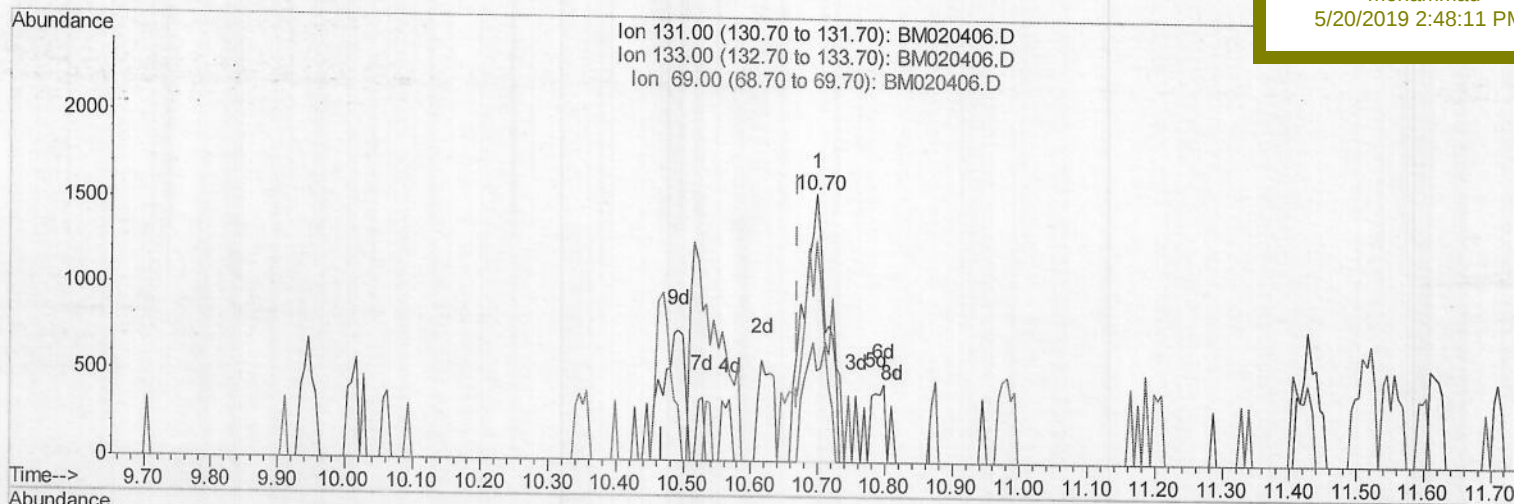
GAJ75MEDL2

Manual Integrations

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TIC: BM020406.D

(29) 4-Chloroaniline-d4 (S)

10.698min (+0.029) 1.02ng/ul m JU0512119

response 3826

Ion	Exp%	Act%
131.00	100	100
133.00	32.30	33.55
69.00	24.20	82.16#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051819\

Data File : BM020406.D

Acq On : 18 May 2019 19:02

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Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

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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 :

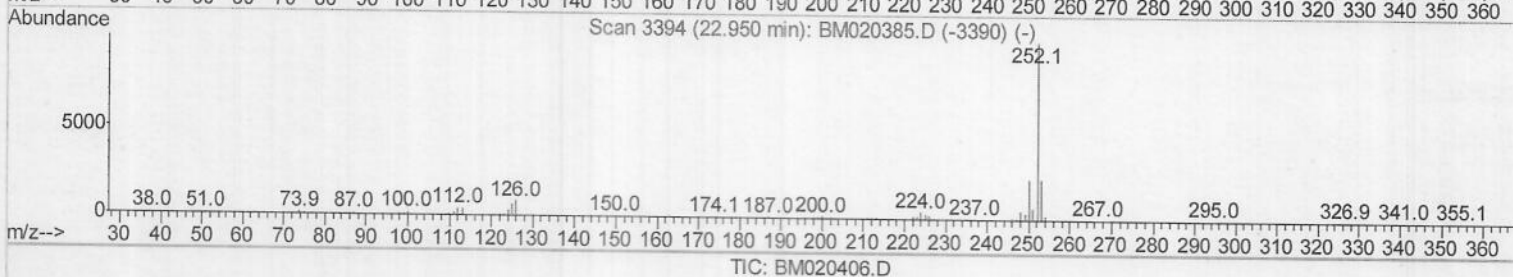
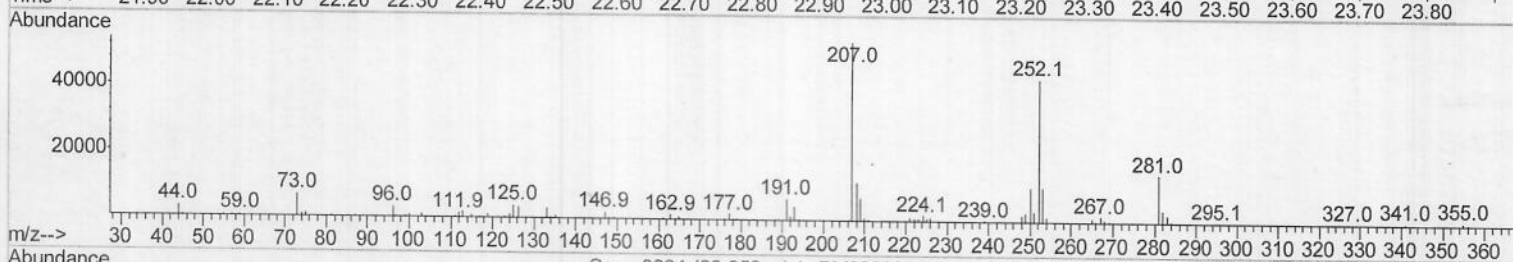
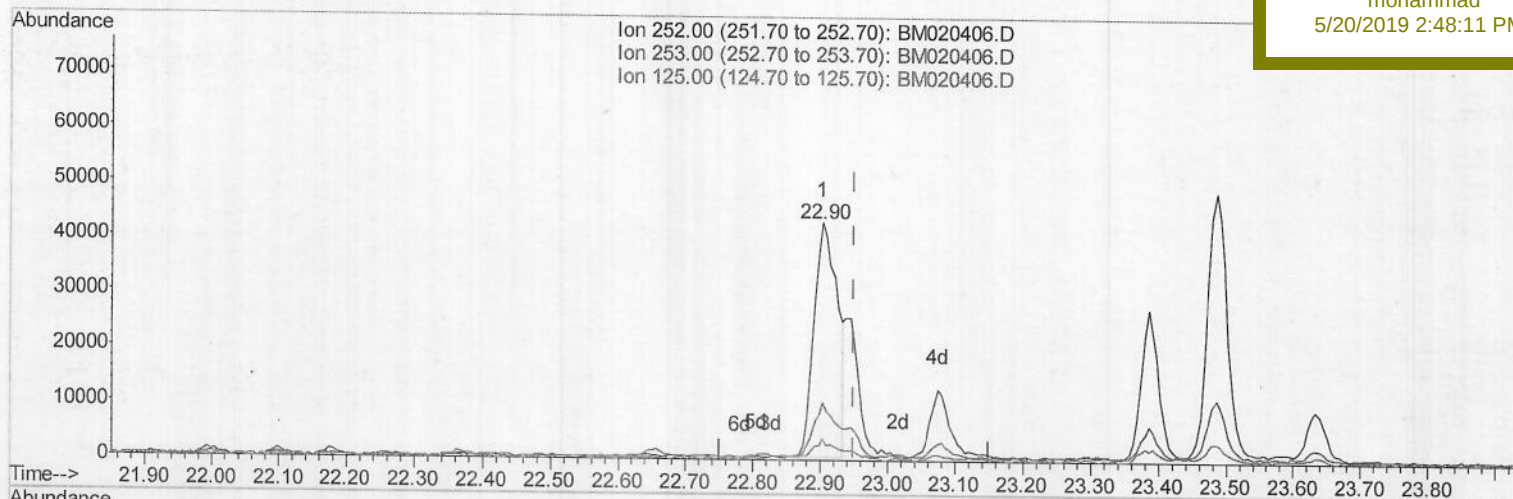
GAJ75MEDL2

Manual Integrations

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(88) Benzo(k)fluoranthene

22.903min (-0.047) 3.96ng/ul

response 103996

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	24.38
125.00	6.30	9.57#
0.00	0.00	0.00

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

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Operator : JU/SJ

Sample : K2604-01MEDL 20X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 07:13:30 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 :

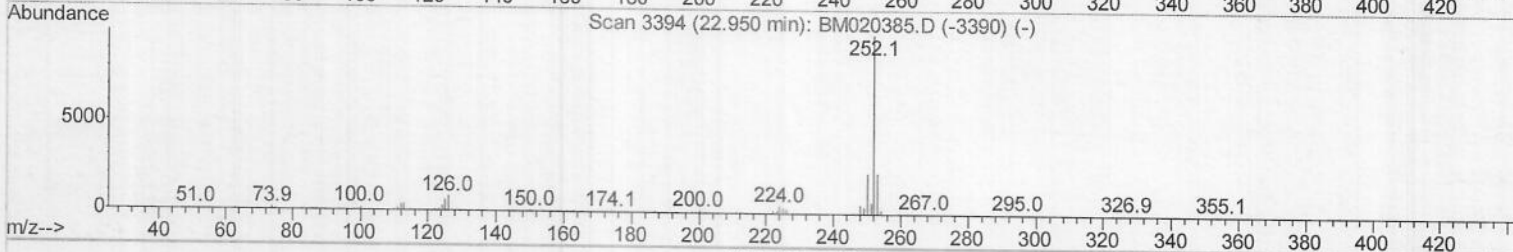
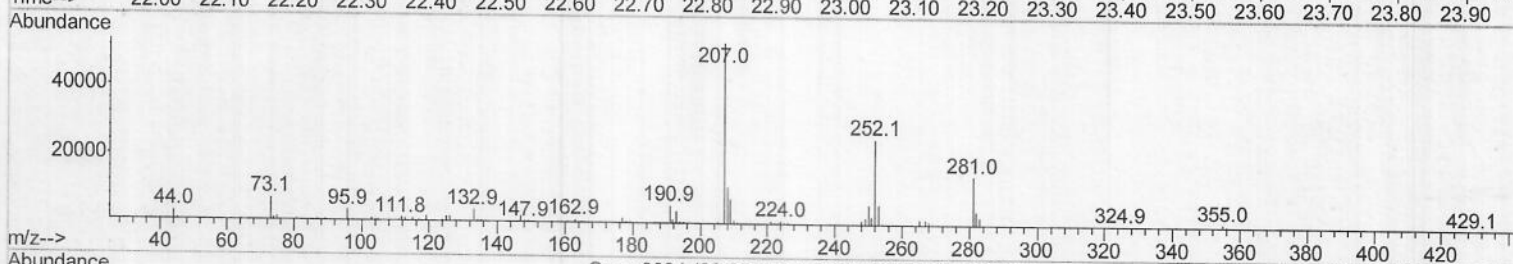
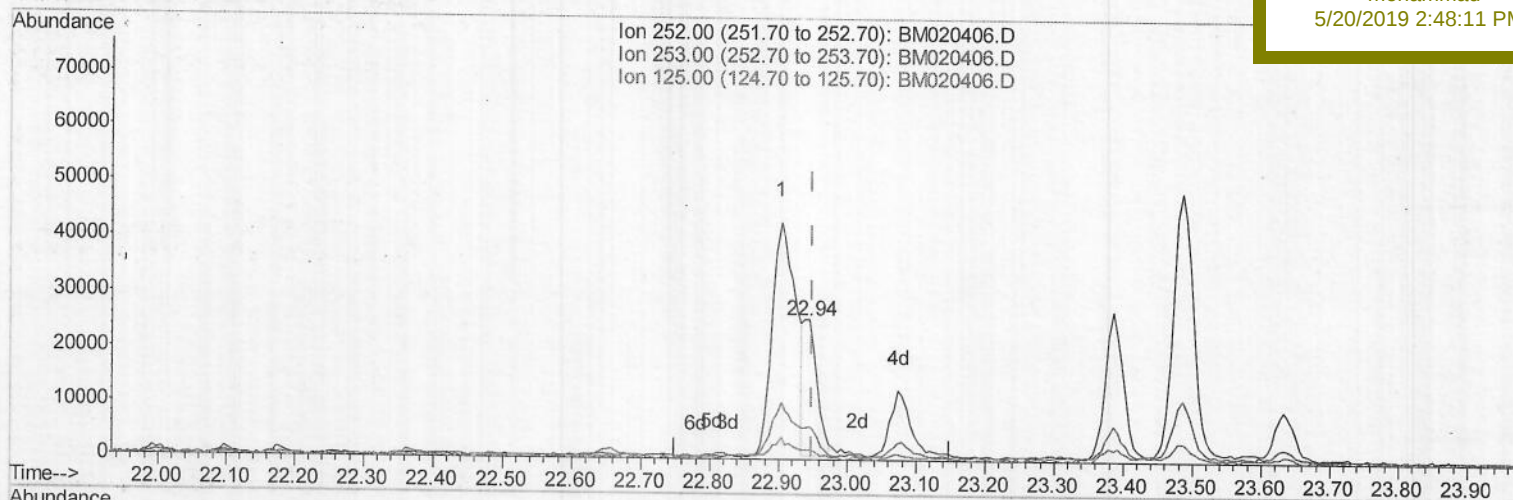
GAJ75MEDL2

Manual Integrations

APPROVED

mohammad

5/20/2019 2:48:11 PM



TIC: BM020406.D

(88) Benzo(k)fluoranthene

22.944min (-0.006) 1.31ng/ul m 250512119

response 34538

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.78
125.00	6.30	7.24
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
 Data File : BM020406.D
 Acq On : 18 May 2019 19:02
 Operator : JU/SJ
 Sample : K2604-01MEDL 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 GAJ75MEDL2

Manual Integrations
 APPROVED

mohammad
 5/20/2019 2:48:11 PM

Quant Time: May 20 08:27:33 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	65269	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	238980	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	147544	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	373395	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	418969	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	468709	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.90	99	4897m	0.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	3862m	1.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	4659m	1.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	3230m	0.85	ng/ul	0.02
19) Nitrobenzene-d5	8.90	128	1416m	0.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	1102	0.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	3686	1.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	3826m	1.02	ng/ul	0.03
43) Dimethylphthalate-d6	13.79	166	17399	1.64	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	21314	1.61	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.37	176	17721	1.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.23	188	28874	1.80	ng/ul	0.00
78) Pyrene-d10	19.53	212	35076	1.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	36684	1.72	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.57	128	718717	65.458	ng/ul	100
34) 2-Methylnaphthalene	12.19	142	266373	33.507	ng/ul	98
40) 1,1'-Biphenyl	13.21	154	39841	3.772	ng/ul	98
47) Acenaphthylene	14.10	152	156962	12.535	ng/ul	97
49) Acenaphthene	14.44	153	18848	2.190	ng/ul	90
53) Dibenzofuran	14.78	168	59505	4.565	ng/ul	98
58) Fluorene	15.43	166	129267	12.379	ng/ul	98
69) Phenanthrene	17.17	178	690329	38.801	ng/ul	99
71) Anthracene	17.26	178	160292	8.857	ng/ul	99
74) Carbazole	17.54	167	17184	1.119	ng/ul	98
76) Fluoranthene	19.19	202	325883	14.500	ng/ul	99
79) Pyrene	19.56	202	371402	14.769	ng/ul	99
82) Benzo(a)anthracene	21.30	228	154044	6.109	ng/ul	97
84) Chrysene	21.36	228	130838	5.429	ng/ul	97
87) Benzo(b)fluoranthene	22.90	252	103996	3.888	ng/ul#	93
88) Benzo(k)fluoranthene	22.94	252	34538m	1.314	ng/ul	
90) Benzo(a)pyrene	23.49	252	96424	3.830	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.88	276	44163	1.540	ng/ul#	95
93) Benzo(a,h,i)perylene	26.59	276	37843	1.594	ng/ul	96

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

JU0512119