

Data File : BM020410.D

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 08:57:05 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 :

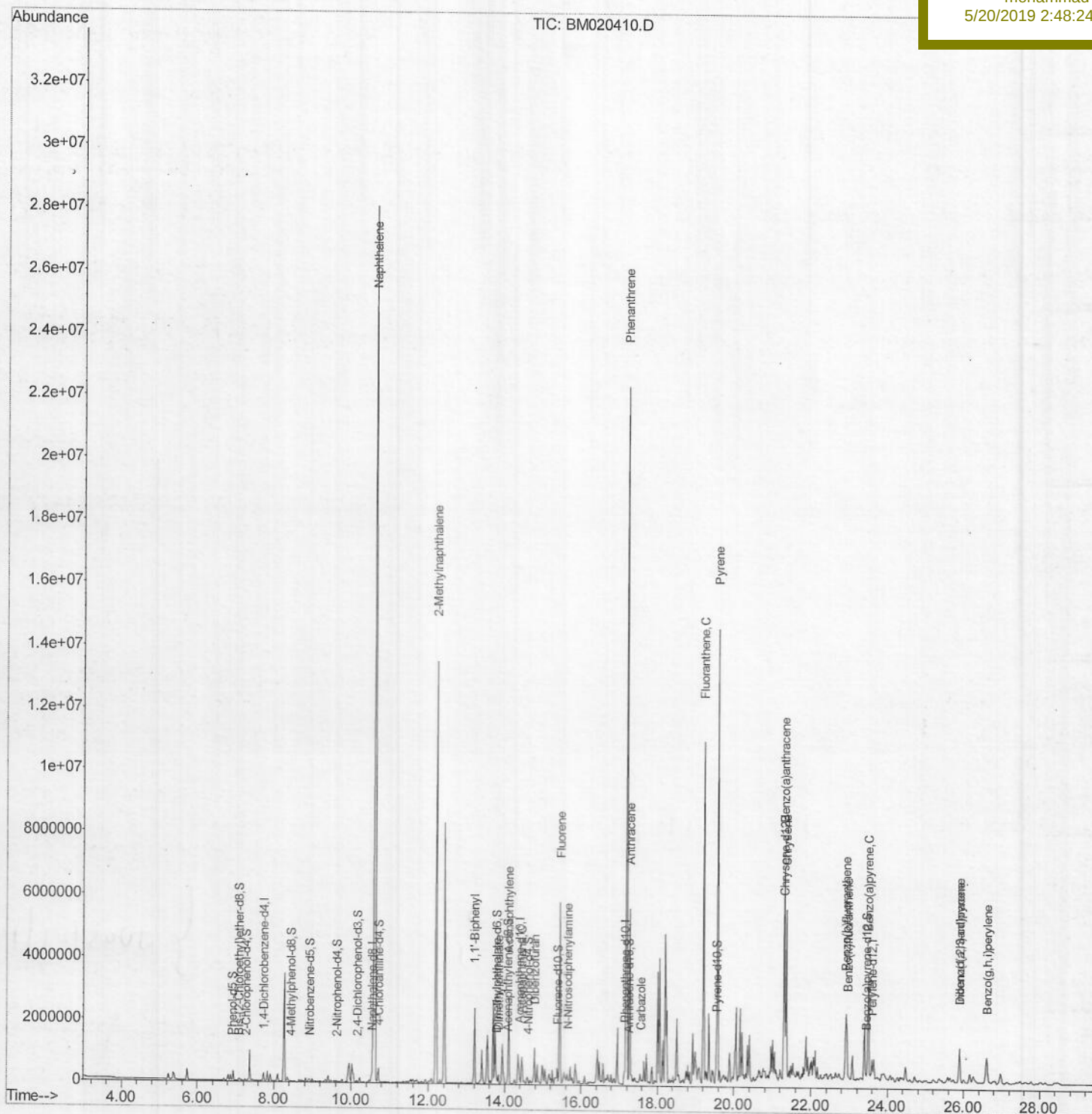
GAJA5

Manual Integrations

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Quantitation Report (Qedit)

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 07:14:23 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 :

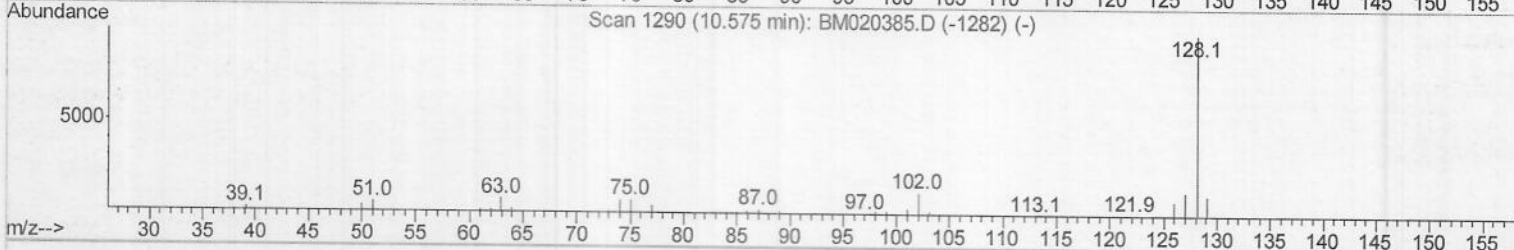
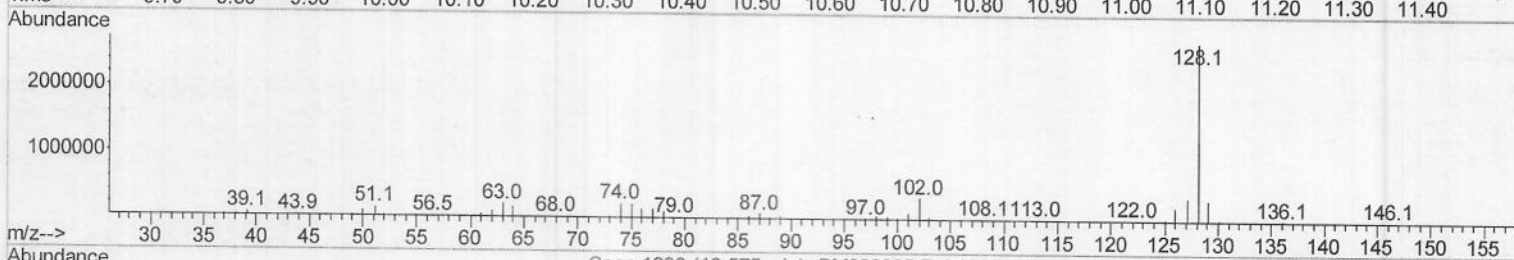
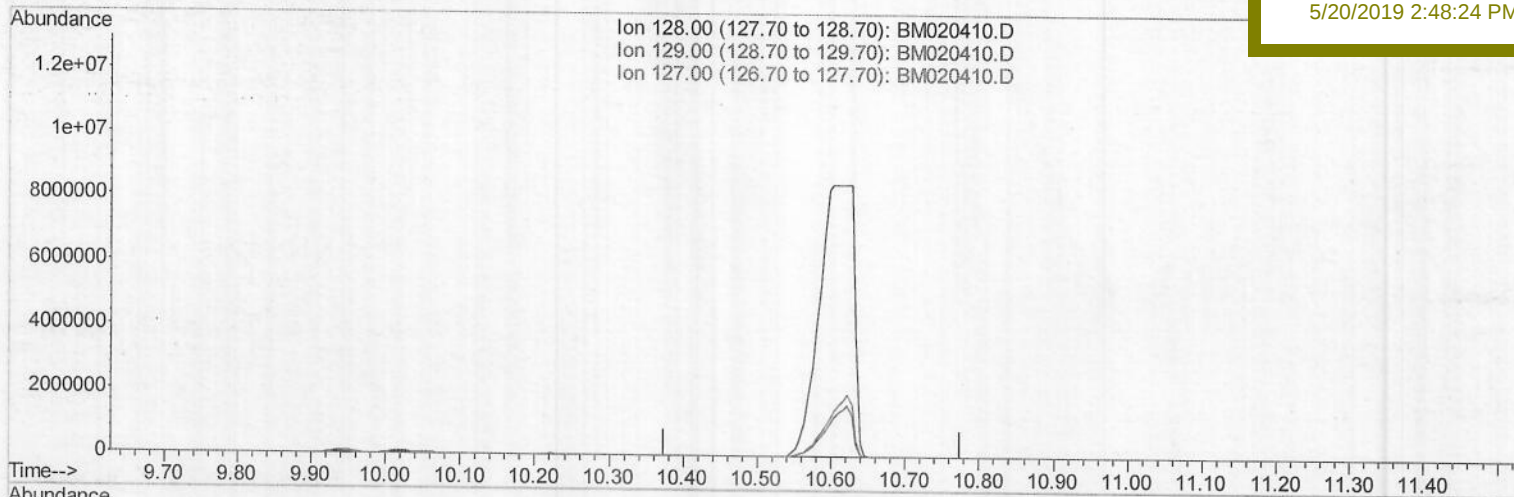
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(28) Naphthalene

10.575min (-10.575) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	10.80	0.00#
127.00	13.20	0.00#
0.00	0.00	0.00

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 07:14:23 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 :

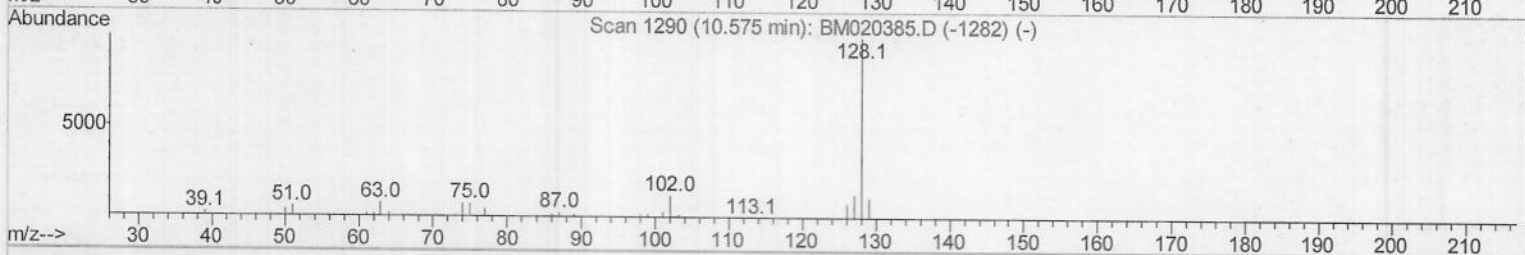
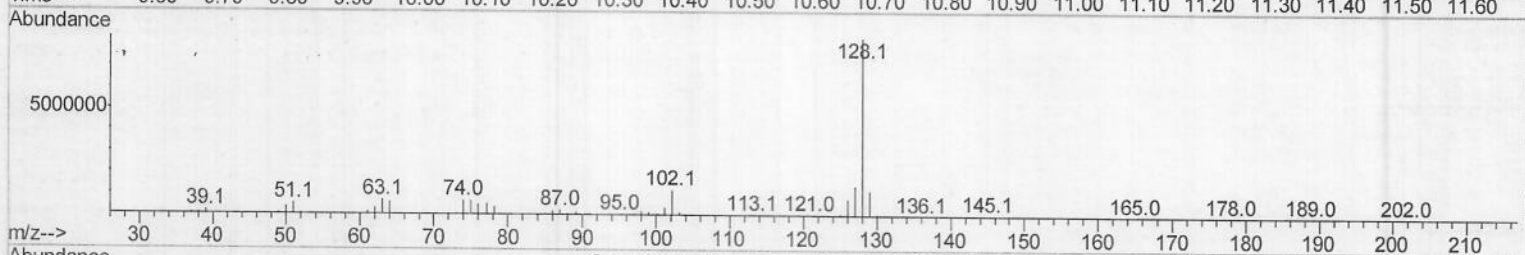
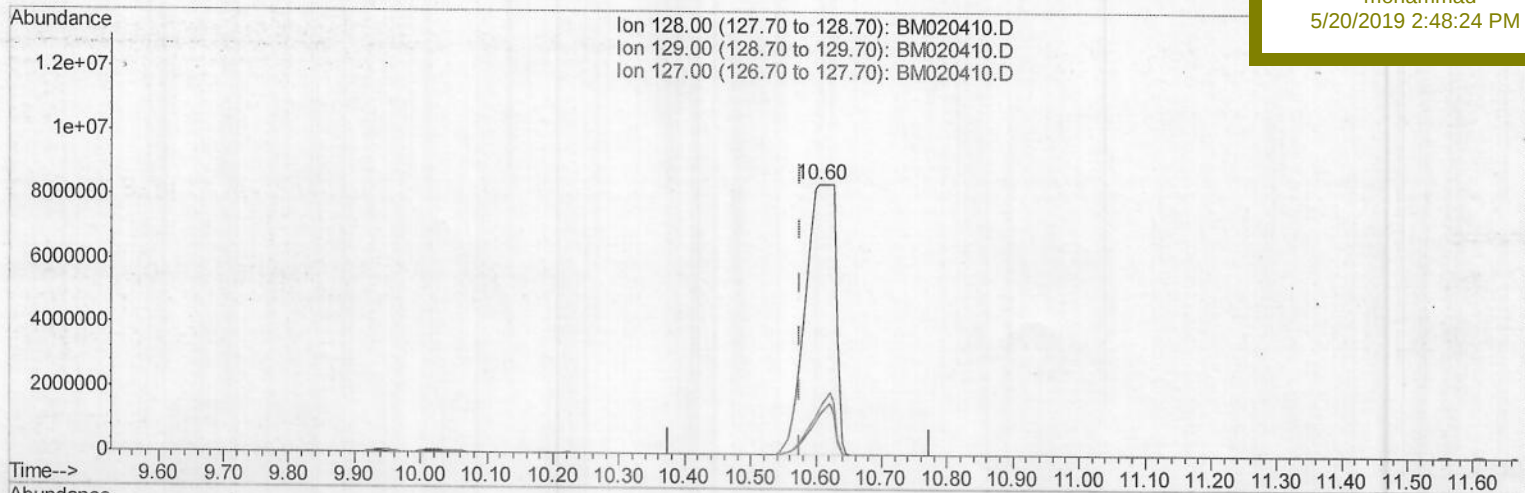
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TIC: BM020410.D

(28) Naphthalene

10.604min (+0.029) 2459.86ng/ul m 2505/21/19

response 27044326

Ion	Exp%	Act%
128.00	100	100
129.00	10.80	13.92#
127.00	13.20	16.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 07:14:23 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 :

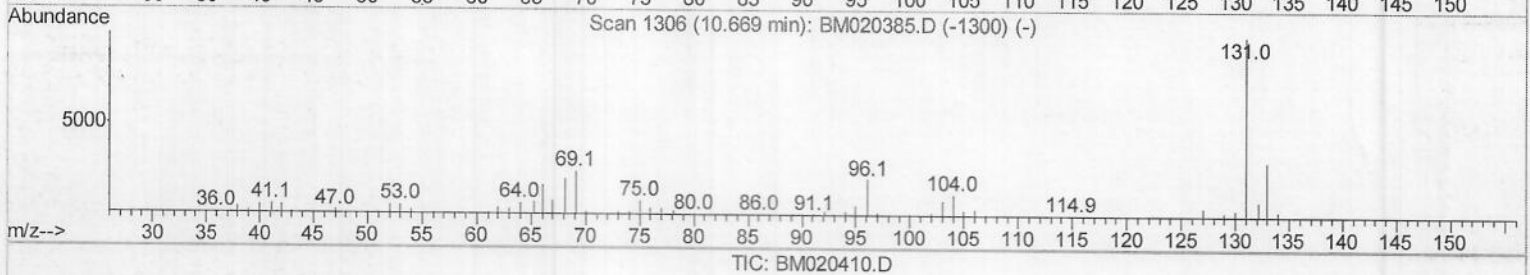
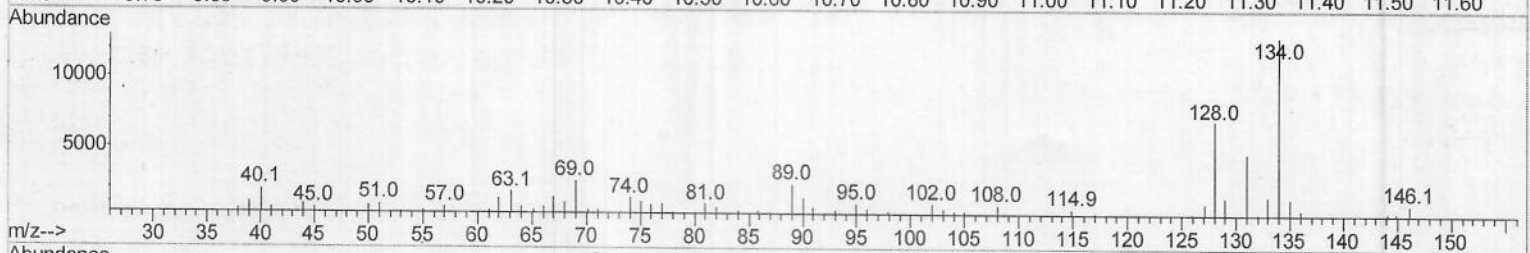
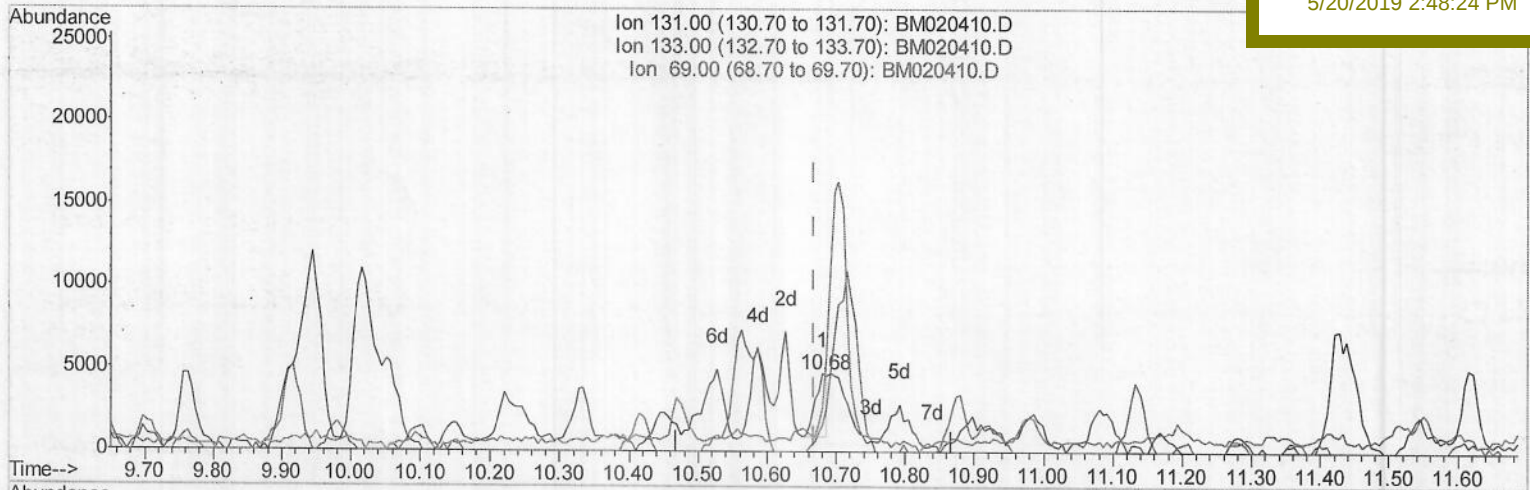
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(29) 4-Chloroaniline-d4 (S)

10.680min (+0.012) 1.27ng/ul

response 4758

Ion	Exp%	Act%
131.00	100	100
133.00	32.30	33.88
69.00	24.20	55.32#
0.00	0.00	0.00

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 07:14:23 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 :

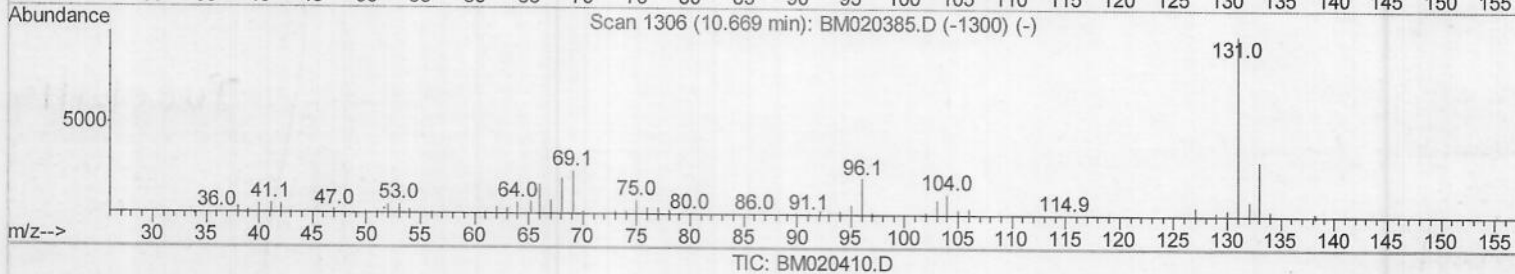
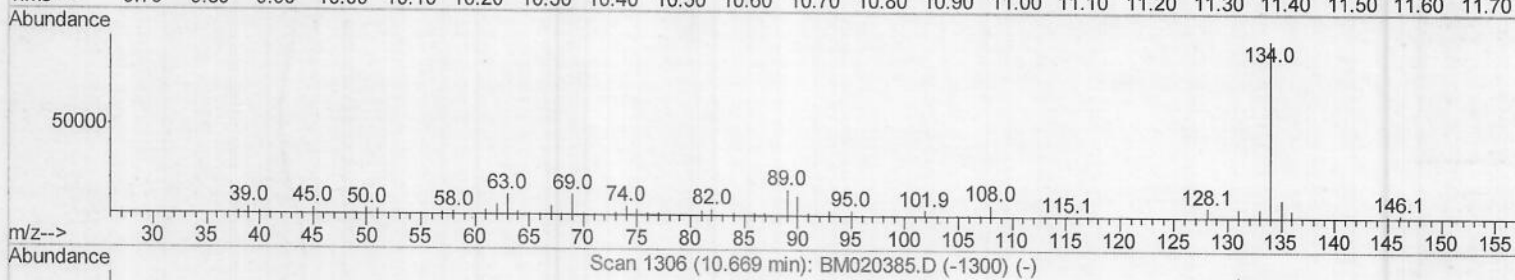
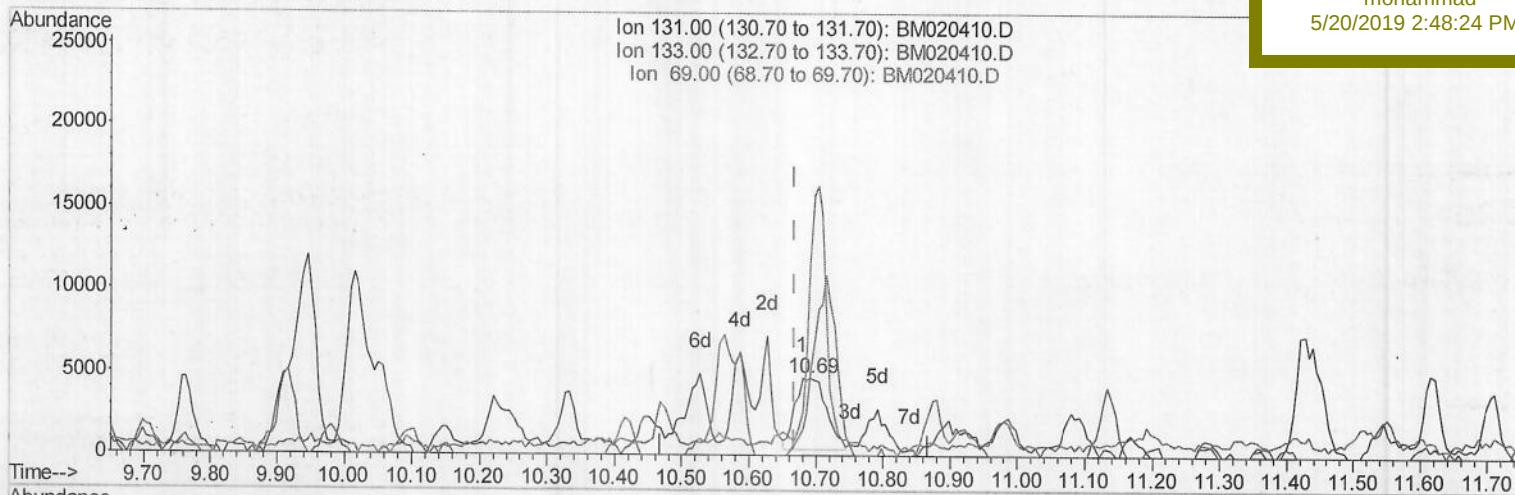
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Manual Integrations

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(29) 4-Chloroaniline-d4 (S)

10.692min (+0.023) 3.63ng/ul m

response 13624

Ion	Exp%	Act%
131.00	100	100
133.00	32.30	106.12#
69.00	24.20	243.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 07:14:23 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 :

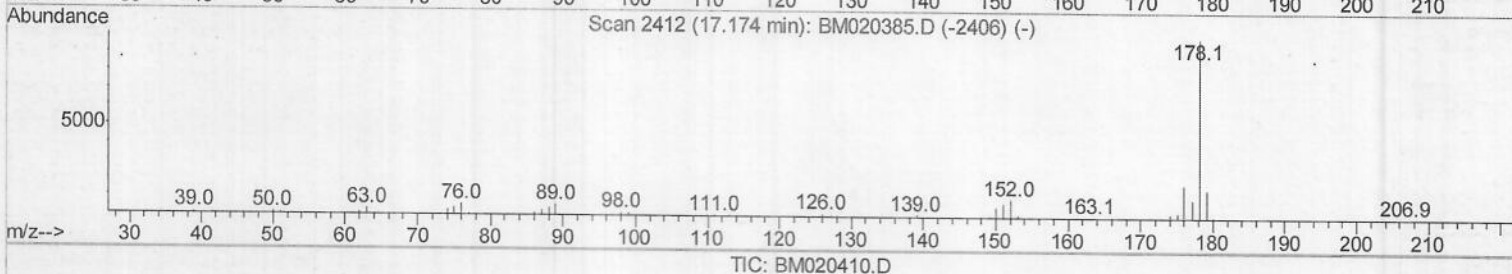
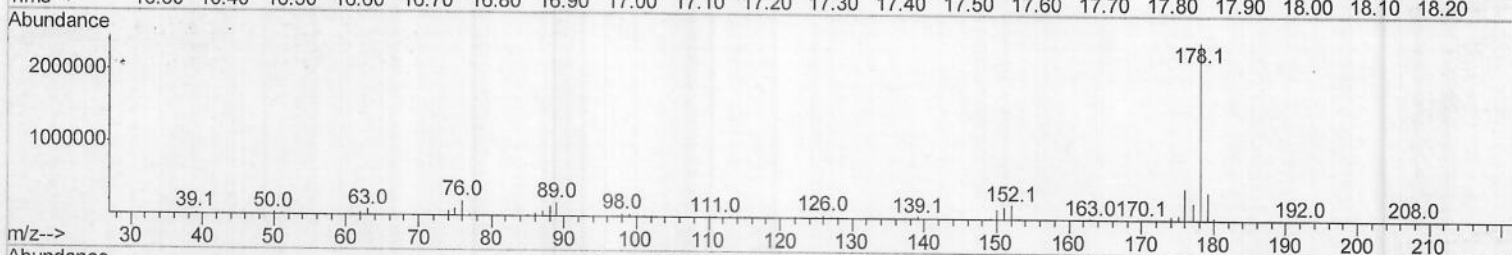
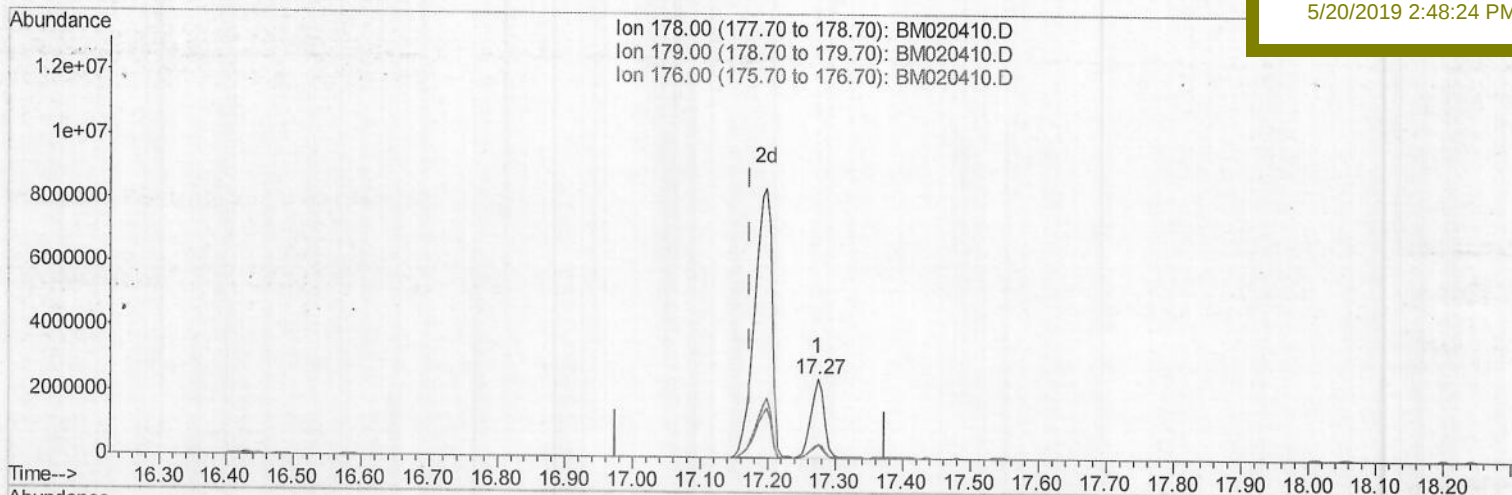
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TIC: BM020410.D

(69) Phenanthrene

17.274min (+0.100) 182.60ng/ul

response 3290928

Ion	Exp%	Act%
178.00	100	100
179.00	14.90	15.57
176.00	18.30	17.72
0.00	0.00	0.00

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 07:14:23 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 :

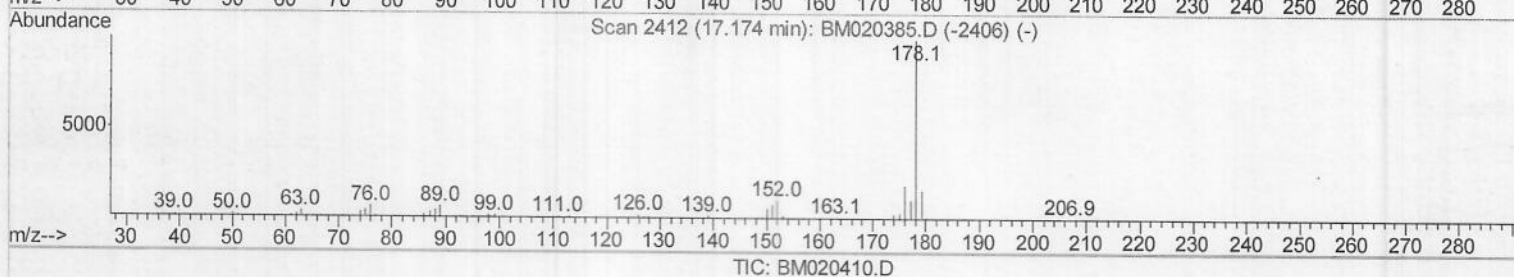
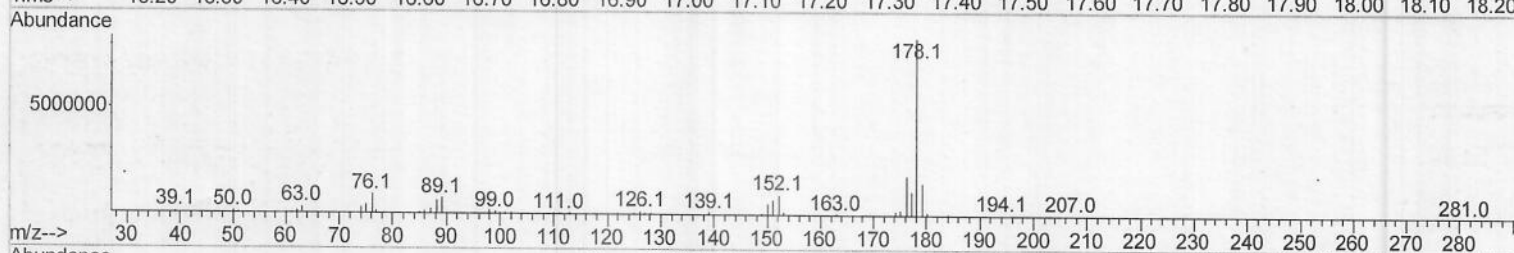
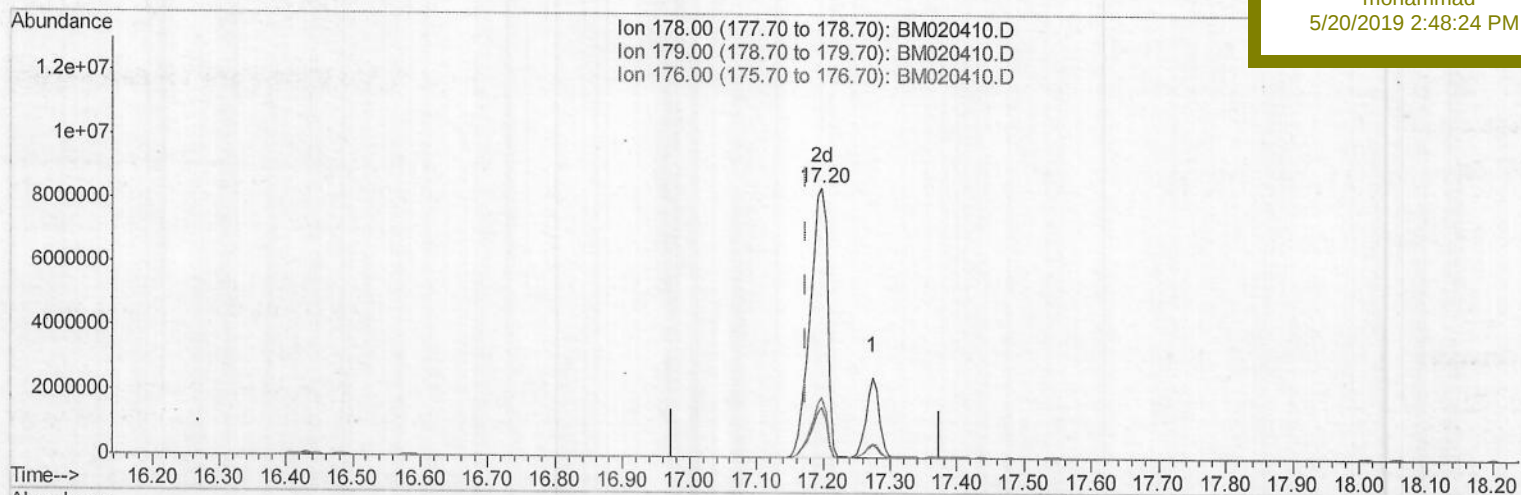
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Manual Integrations

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(69) Phenanthrene

17.198min (+0.023) 836.53ng/ul m) J005/21/19

response 15076259

Ion	Exp%	Act%
178.00	100	100
179.00	14.90	18.10#
176.00	18.30	21.91
0.00	0.00	0.00

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 07:14:23 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

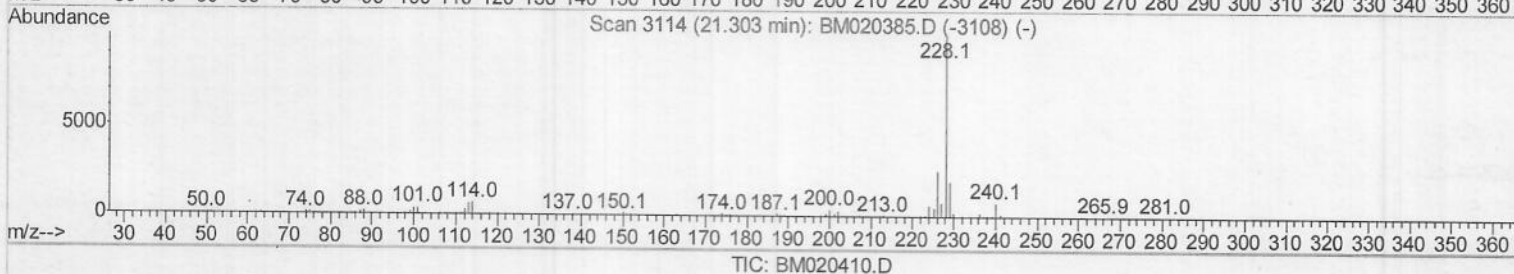
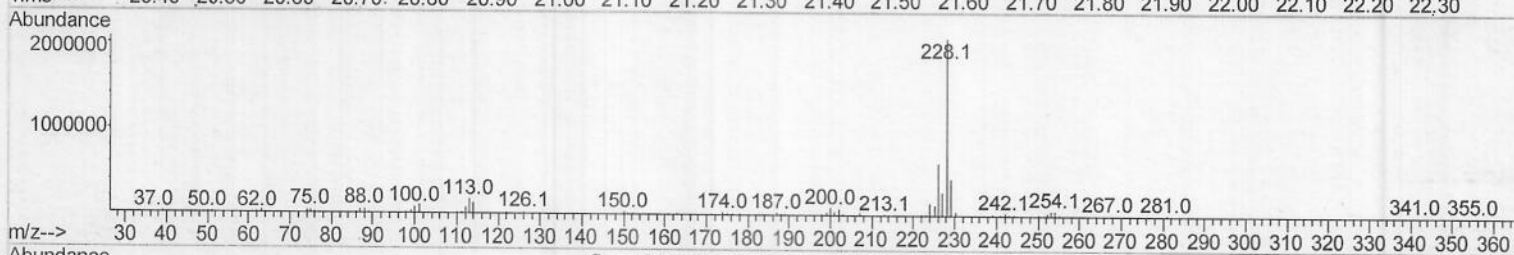
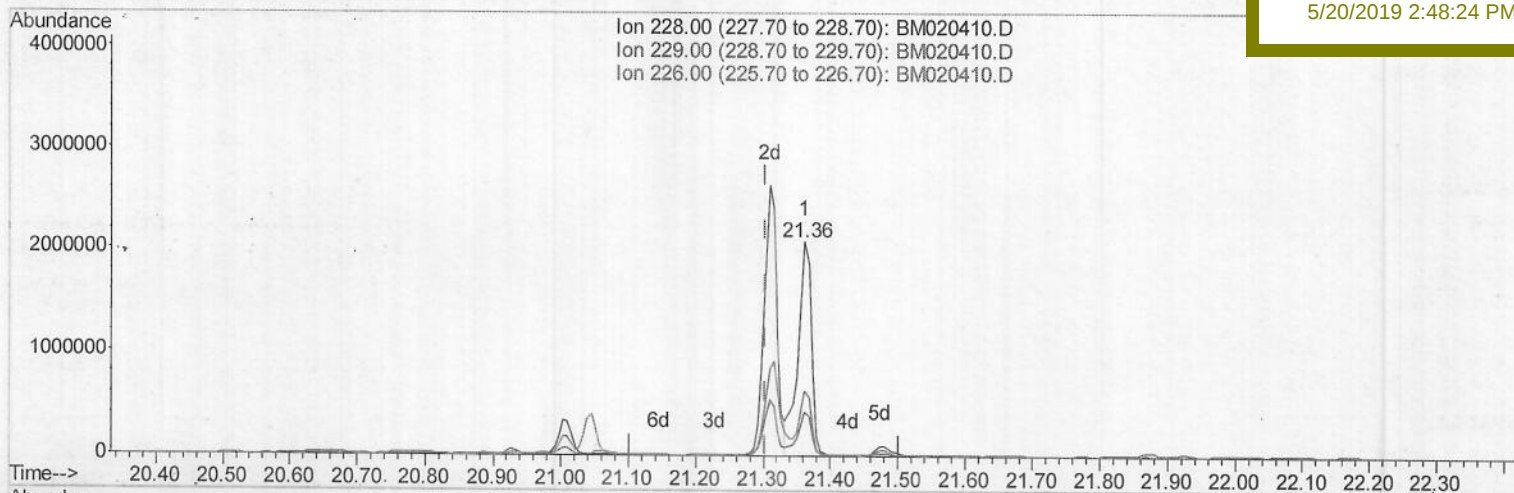
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

GAJA5

Manual Integrations
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TIC: BM020410.D

(82) Benzo(a)anthracene

21.362min (+0.059) 107.01ng/ul

response 2800584

Ion	Exp%	Act%
-----	------	------

228.00	100	100
--------	-----	-----

229.00	19.80	20.46
--------	-------	-------

226.00	25.70	29.70
--------	-------	-------

0.00	0.00	0.00
------	------	------

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 07:14:23 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 :

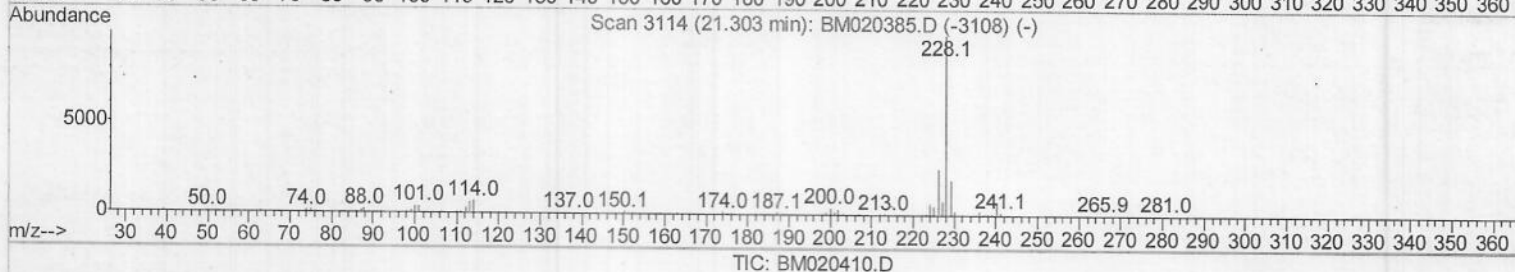
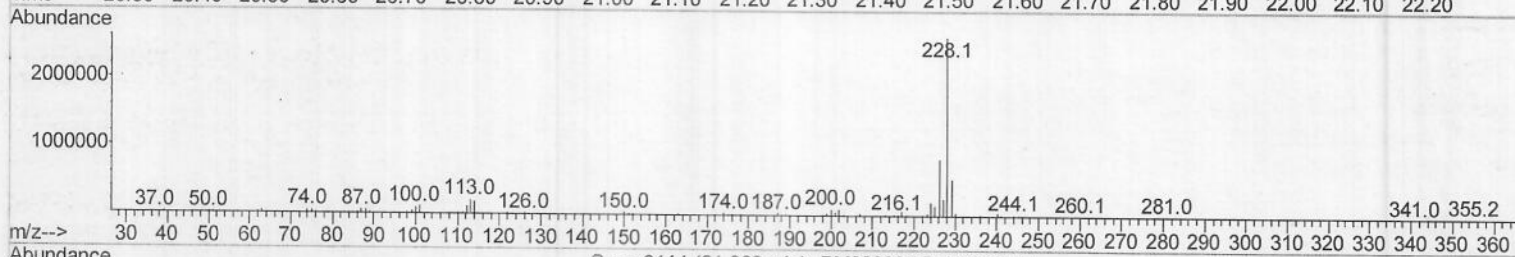
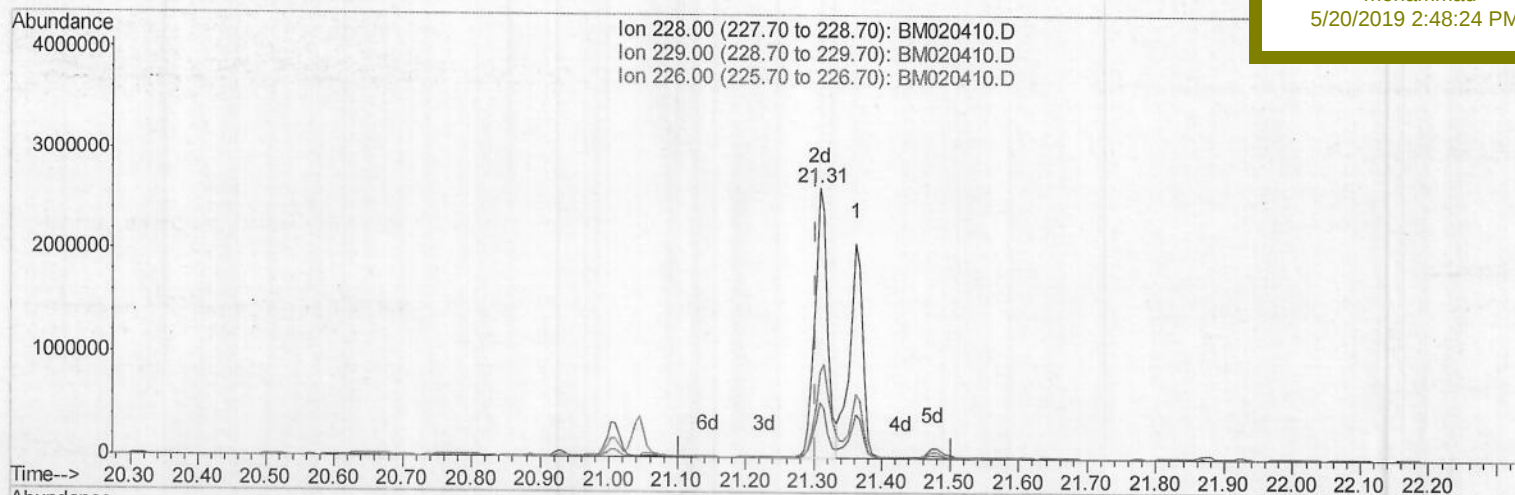
GAJA5

Manual Integrations

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(82) Benzo(a)anthracene

21.309min (+0.006) 132.75ng/ul m) JVOAS/21/19

response 3474149

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	20.37
226.00	25.70	31.88#
0.00	0.00	0.00

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 07:14:23 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 :

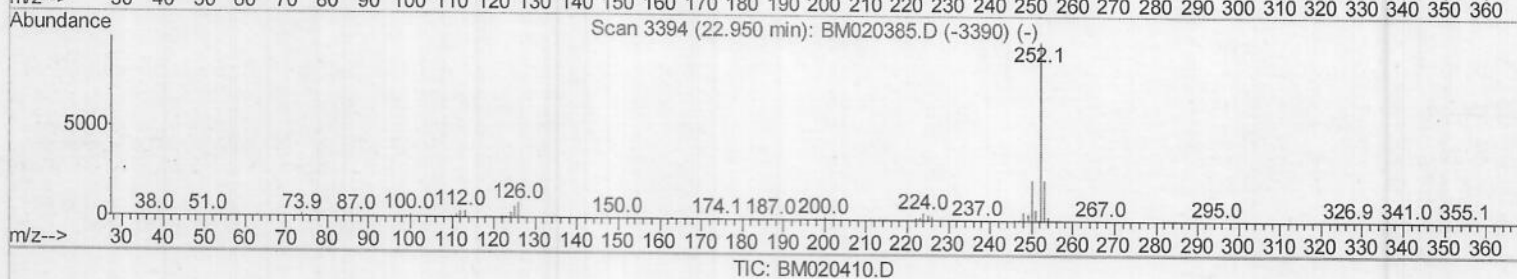
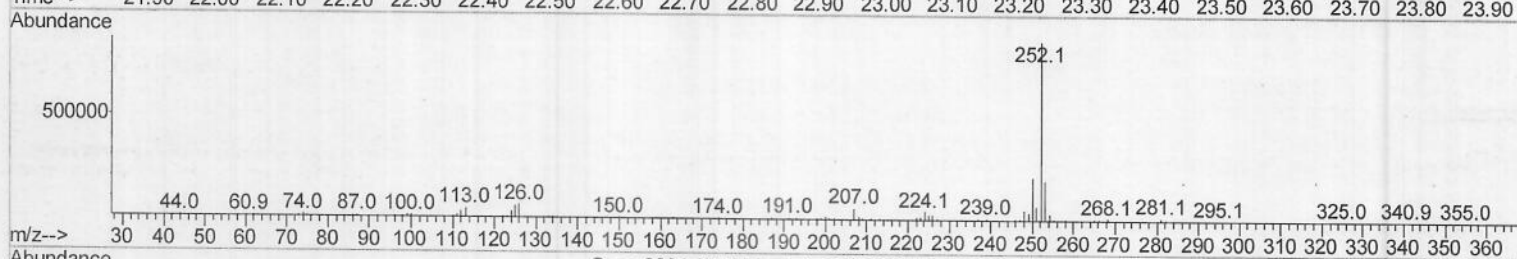
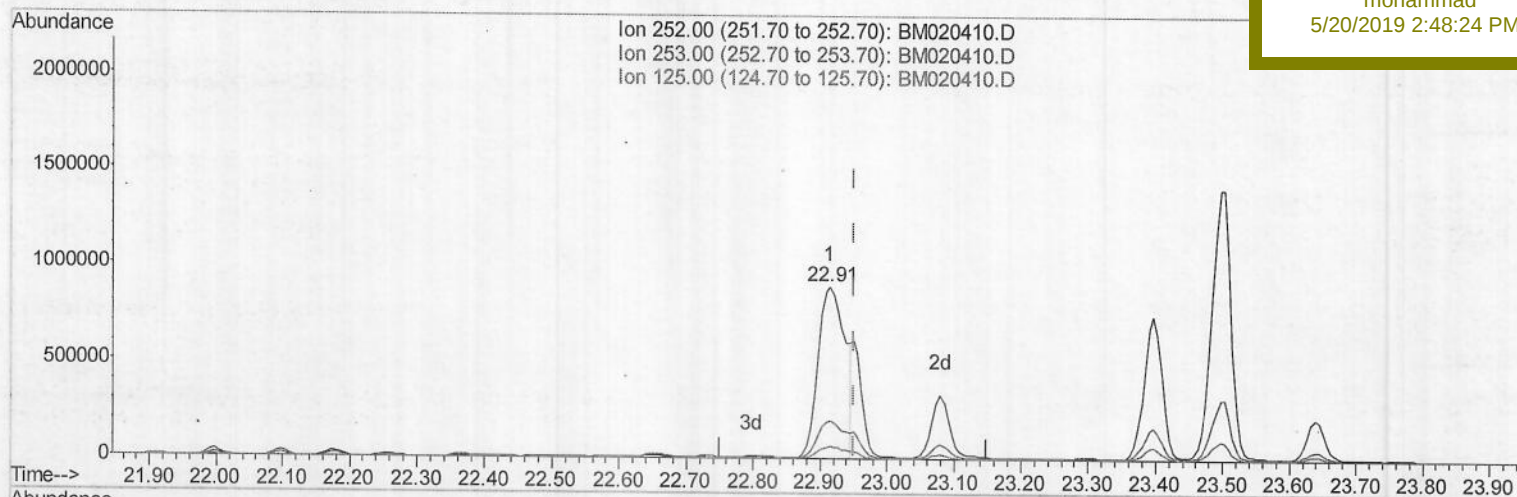
GAJA5

Manual Integrations

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TIC: BM020410.D

(88) Benzo(k)fluoranthene

22.915min (-0.035) 89.23ng/ul

response 2469492

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.98
125.00	6.30	6.90
0.00	0.00	0.00

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 07:14:23 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 :

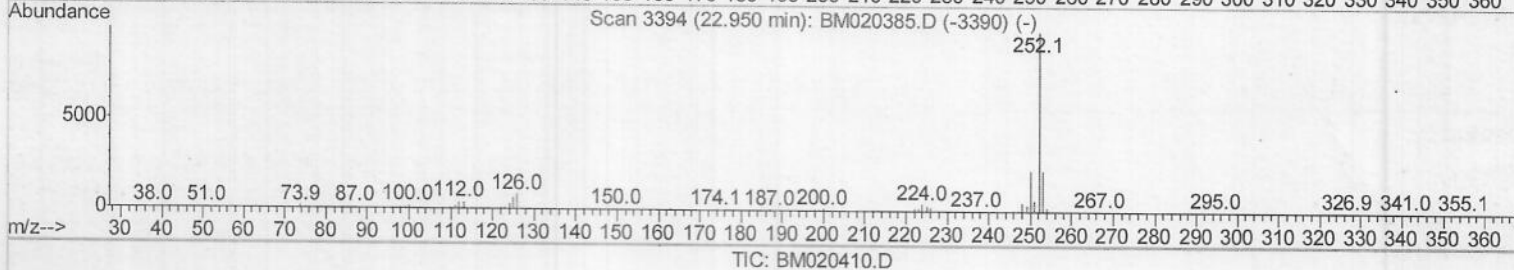
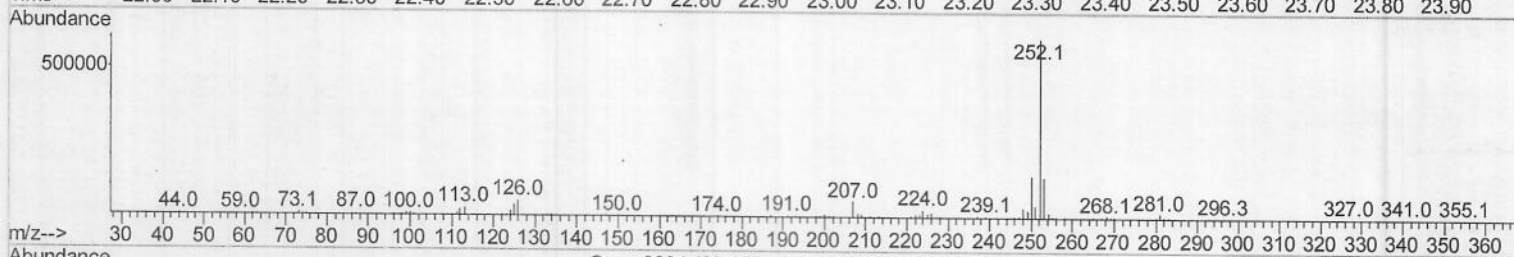
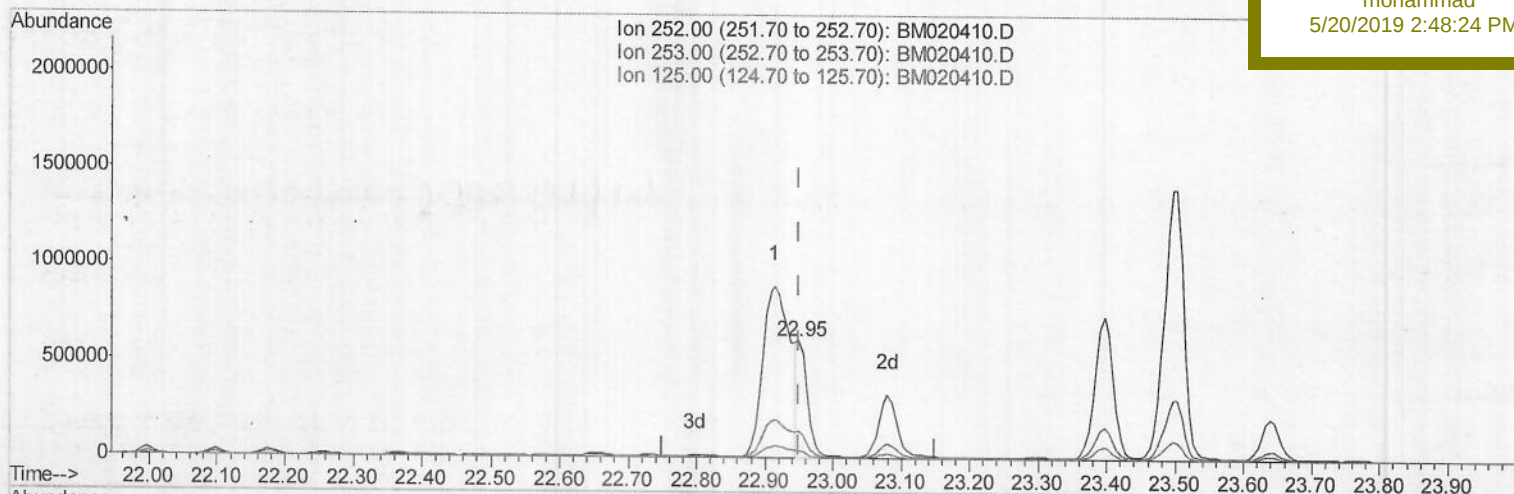
GAJA5

Manual Integrations

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(88) Benzo(k)fluoranthene

22.950min (-0.000) 23.09ng/ul m) 5005/21/19

response 638901

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.60
125.00	6.30	6.22
0.00	0.00	0.00

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 07:14:23 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 :

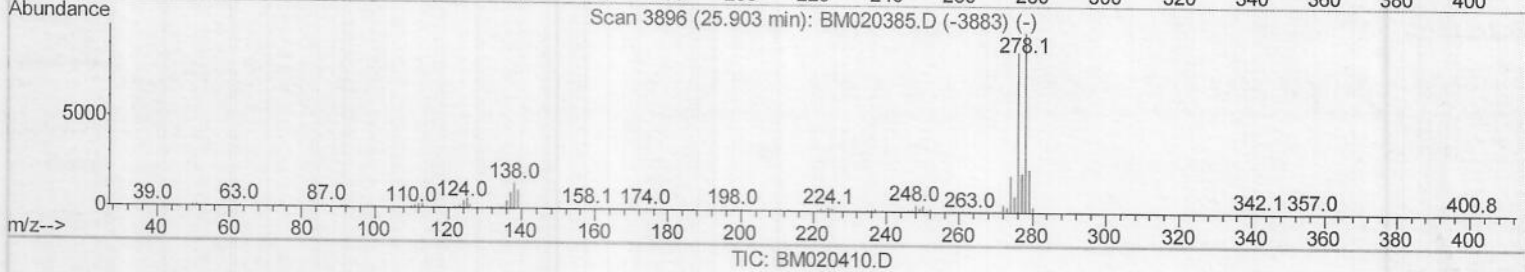
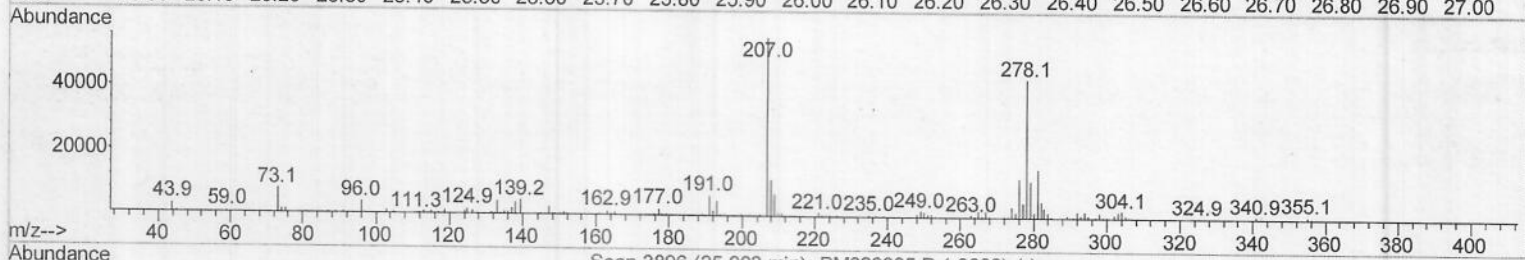
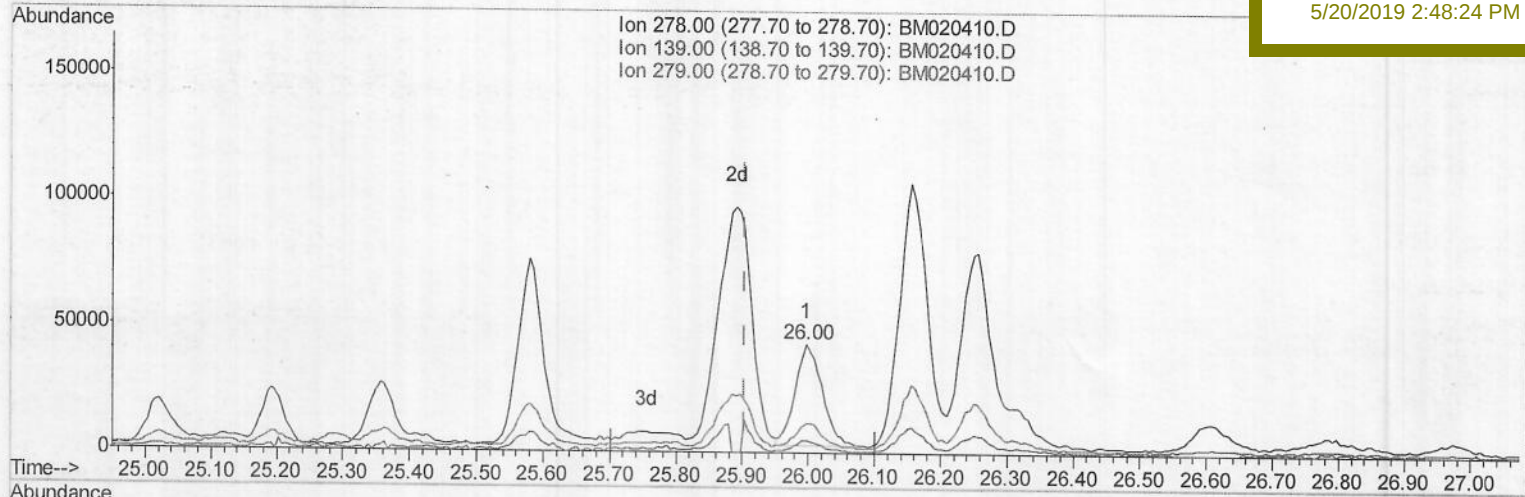
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Manual Integrations

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(92) Dibenzo(a,h)anthracene

25.997min (+0.094) 4.43ng/ul

response 114377

Ion	Exp%	Act%
278.00	100	100
139.00	10.10	10.88
279.00	23.40	27.33
0.00	0.00	0.00

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

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Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

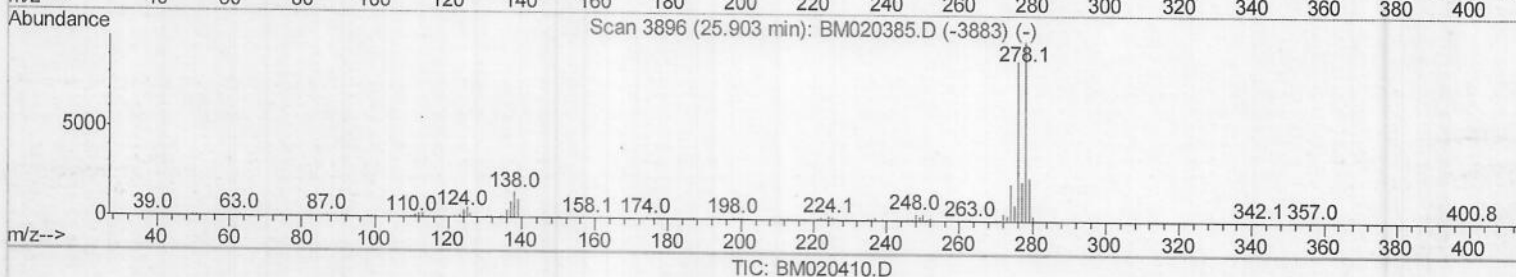
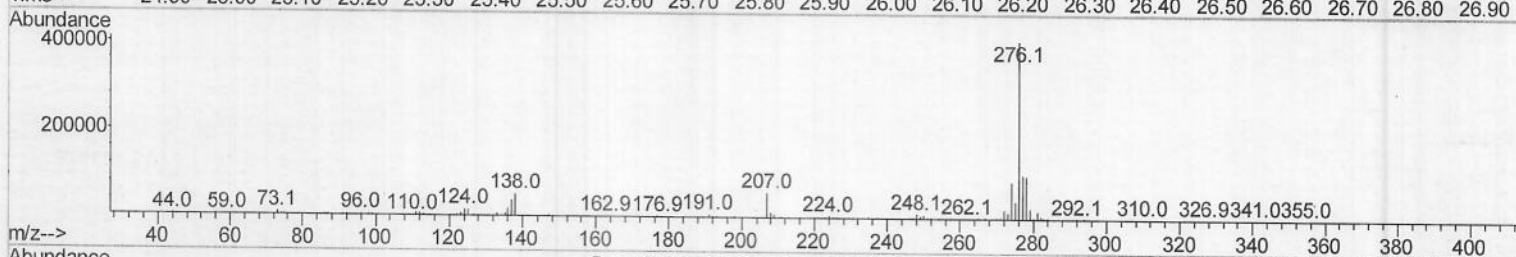
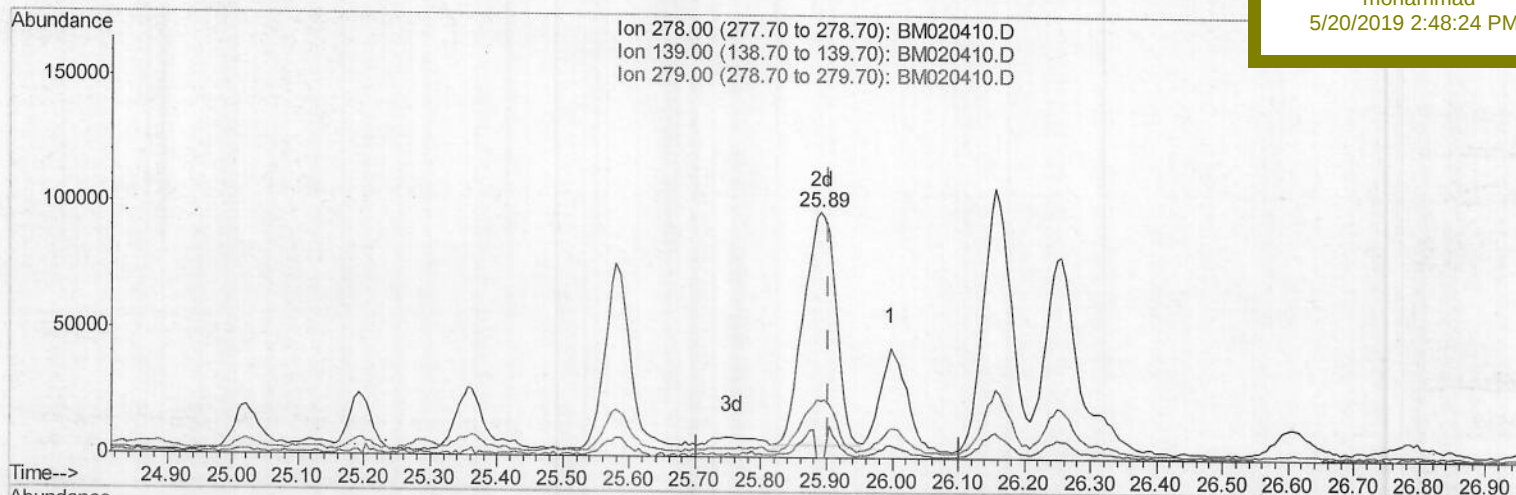
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Manual Integrations

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(92) Dibenzo(a,h)anthracene

25.891min (-0.012) 12.13ng/ul m

J5V05/21/19

response 313307

Ion	Exp%	Act%
278.00	100	100
139.00	10.10	0.00#
279.00	23.40	23.07
0.00	0.00	0.00

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 08:57:05 2019

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BNA_M

Client Sample Id :

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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	64620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	239295	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	162667	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	378242	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	434814	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	493677	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1427	0.81	ng/uL	0.01
5) Phenol-d5	6.90	99	18026	3.50	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.07	67	13036	3.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	15218	4.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	11742	3.13	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	6379	4.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	5364	3.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	13669	3.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	13624m	3.63	ng/ul	0.02
43) Dimethylphthalate-d6	13.79	166	57421	4.91	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	66059	4.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	1787	1.05	ng/ul	0.00
57) Fluorene-d10	15.37	176	52990	5.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	1559	0.72	ng/ul	0.01
70) Anthracene-d10	17.24	188	83725	5.16	ng/ul	0.00
78) Pyrene-d10	19.53	212	100583	4.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	106322	4.74	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.60	128	27044326m	2459.856	ng/ul	
34) 2-Methylnaphthalene	12.21	142	6577087	826.235	ng/ul	98
40) 1,1'-Biphenyl	13.21	154	1192642	102.414	ng/ul	99
44) Dimethylphthalate	13.84	163	15144	1.308	ng/ul	98
47) Acenaphthylene	14.10	152	1377757	99.802	ng/ul	98
49) Acenaphthene	14.44	153	331987	34.981	ng/ul	99
53) Dibenzofuran	14.78	168	419248	29.172	ng/ul	99
58) Fluorene	15.44	166	2596307	225.508	ng/ul	100
64) N-Nitrosodiphenylamine	15.63	169	19246	2.056	ng/ul#	36
69) Phenanthrene	17.20	178	15076259m	836.535	ng/ul	
71) Anthracene	17.27	178	3290928	179.513	ng/ul	100
74) Carbazole	17.54	167	132956	8.544	ng/ul	95
76) Fluoranthene	19.20	202	6560784	288.187	ng/ul	99
79) Pyrene	19.57	202	9185446	351.954	ng/ul	96
82) Benzo(a)anthracene	21.31	228	3474149m	132.750	ng/ul	
84) Chrysene	21.36	228	2821044	112.797	ng/ul	97
87) Benzo(b)fluoranthene	22.91	252	2469492	87.647	ng/ul	98
88) Benzo(k)fluoranthene	22.95	252	638901m	23.086	ng/ul	
90) Benzo(a)pyrene	23.50	252	2734861	103.142	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	1161324	38.437	ng/ul	97
92) Dibenzo(a,h)anthracene	25.89	278	313307m	12.126	ng/ul	
93) Benzo(a,h,i)perylene	26.60	276	1058141	42.309	ng/ul	97

JU05/21/19

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

Data File : BM020410.D

Acq On : 18 May 2019 22:04

Operator : JU/SJ

Sample : K2633-13 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 20 08:57:05 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 :

GAJA5

Manual Integrations

APPROVED

mohammad

5/20/2019 2:48:24 PM

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