

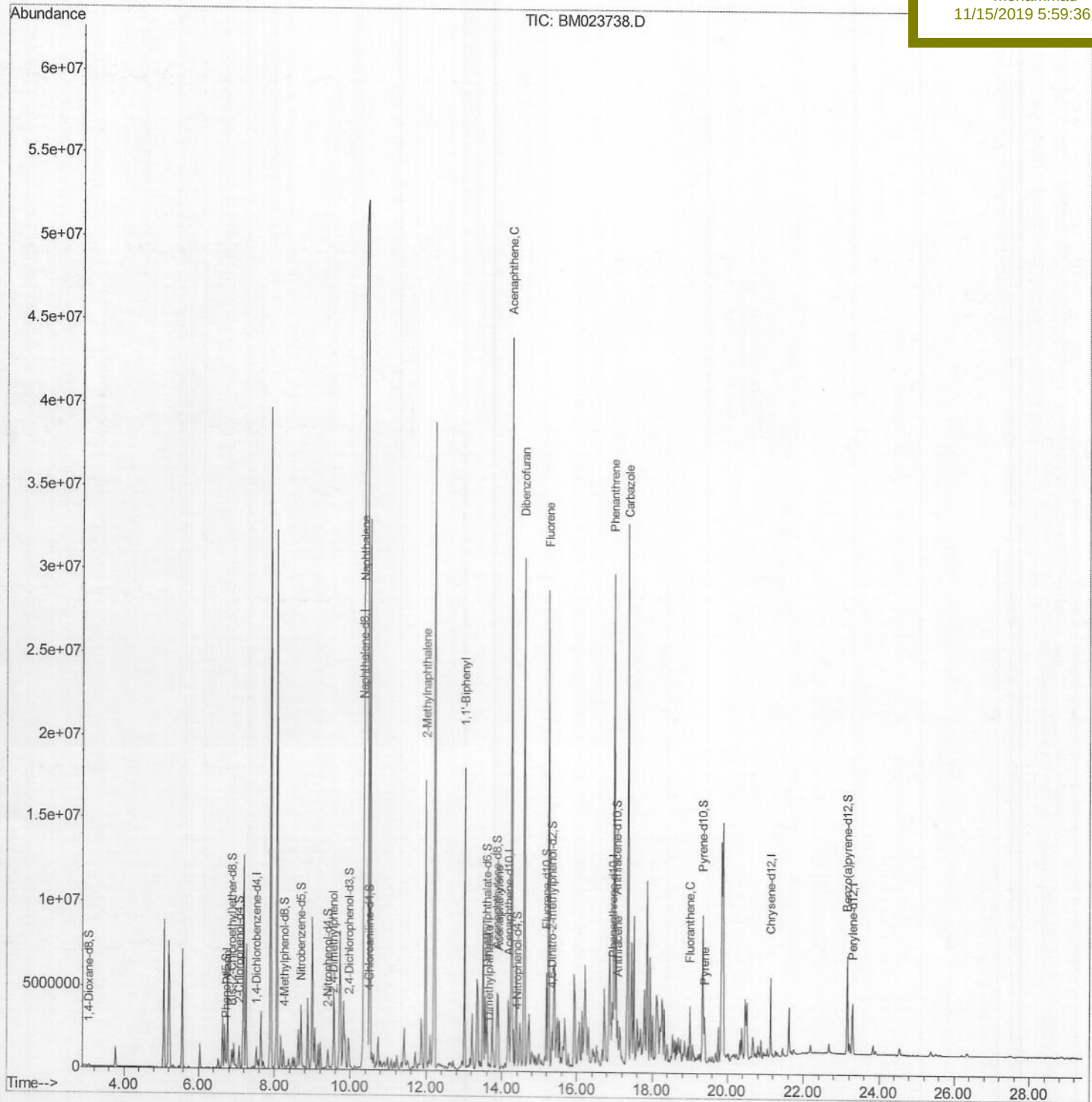
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 15 08:28:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEGY8

Manual Integrations
APPROVED

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Quantitation Report (Qedit)

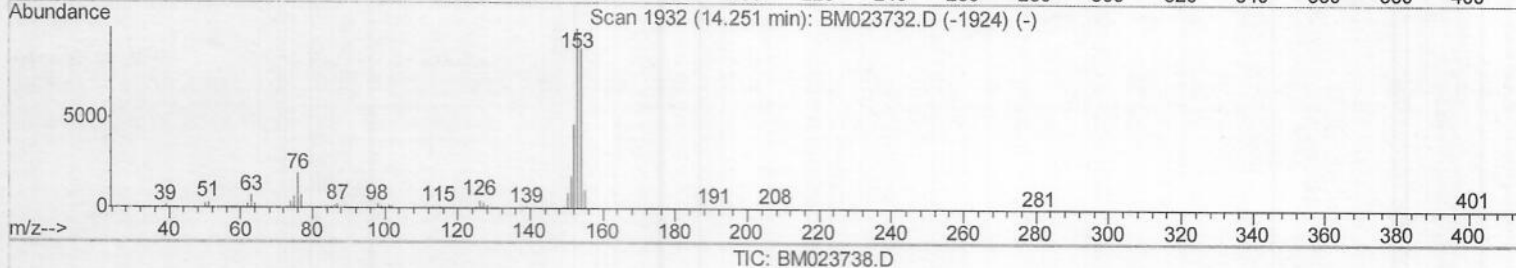
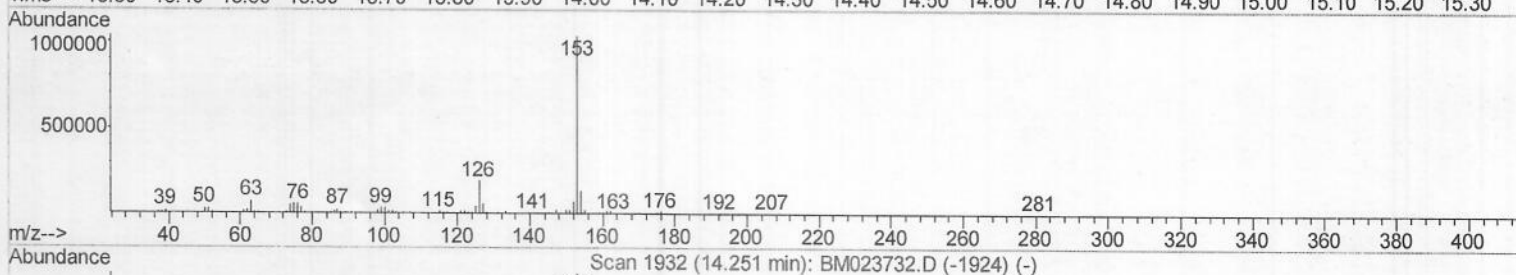
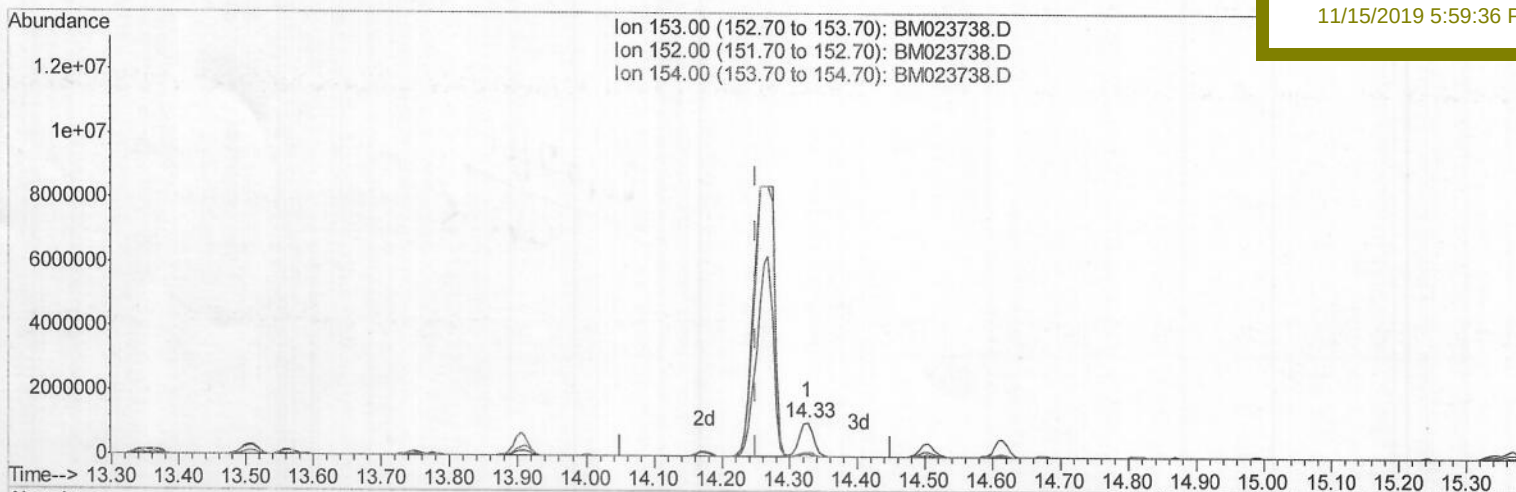
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Manual Integrations
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(50) Acenaphthene (C)

14.327min (+0.076) 25.78ng/ul

response 1493430

Ion	Exp%	Act%
153.00	100	100
152.00	47.10	6.87#
154.00	88.30	12.81#
0.00	0.00	0.00

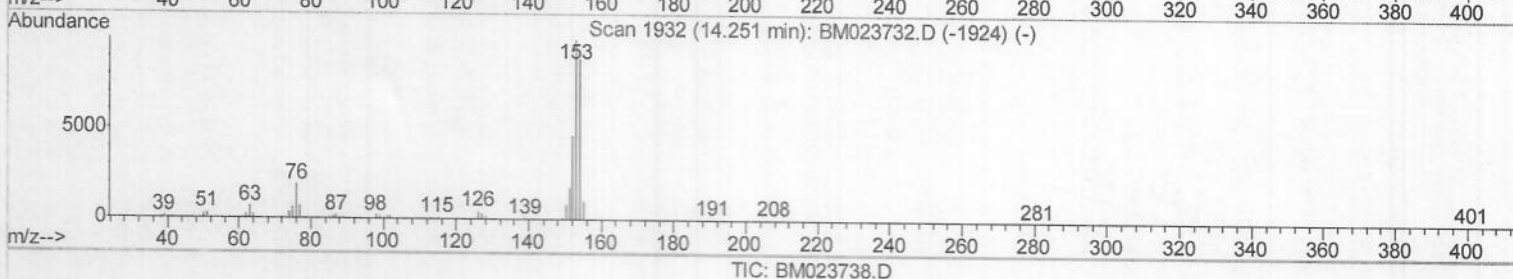
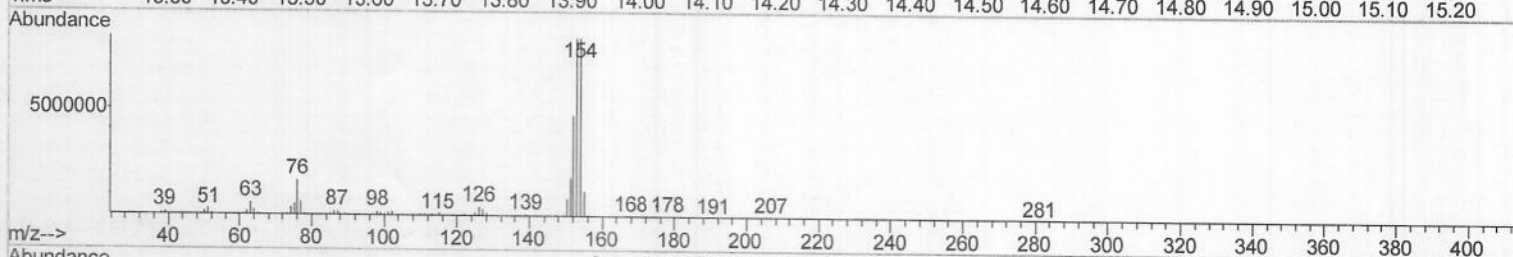
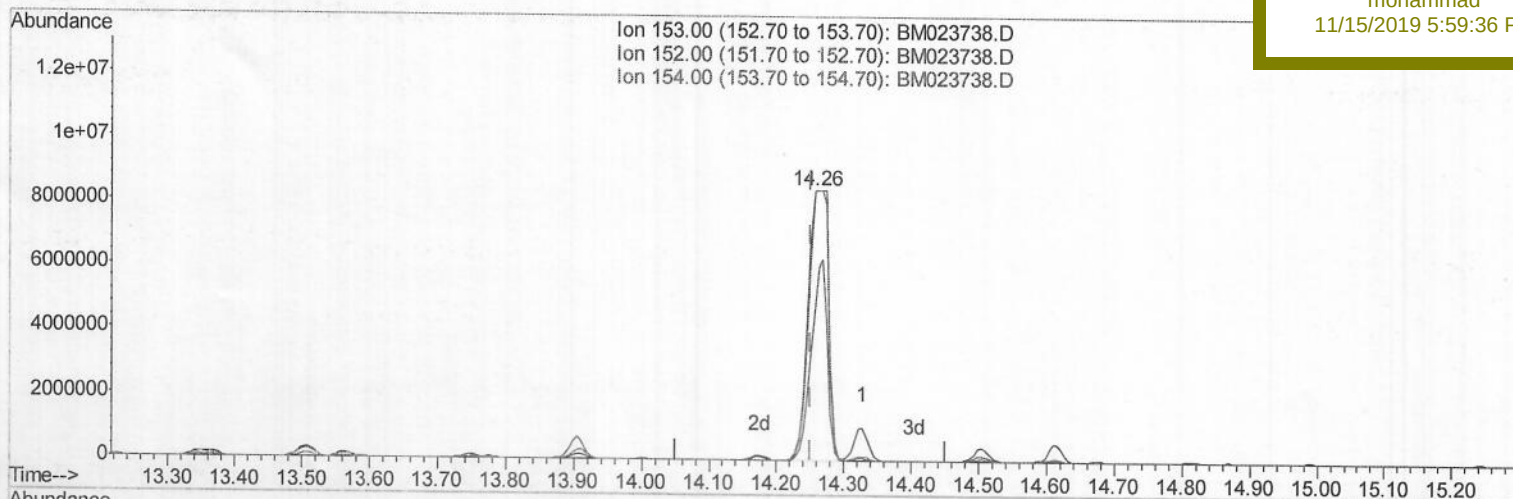
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Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 15 07:58:01 2019
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QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEGY8

Manual Integrations
APPROVED

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(50) Acenaphthene (C)

14.257min (+0.006) 308.13ng/ul m

JU 11/16/19

response 17852773

Ion	Exp%	Act%
153.00	100	100
152.00	47.10	56.22
154.00	88.30	100.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Quantitation Report (Qedit)

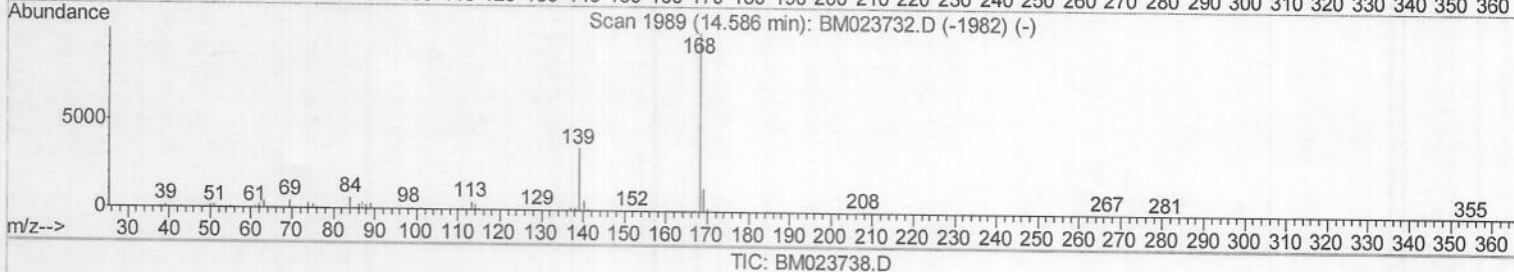
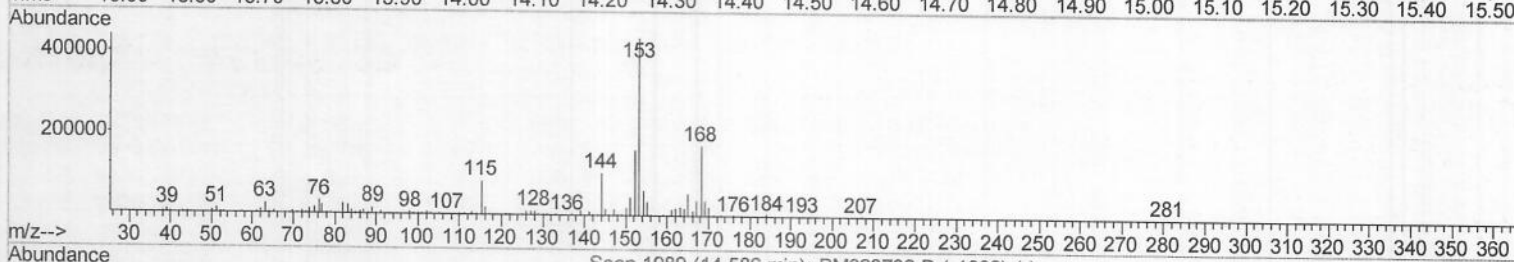
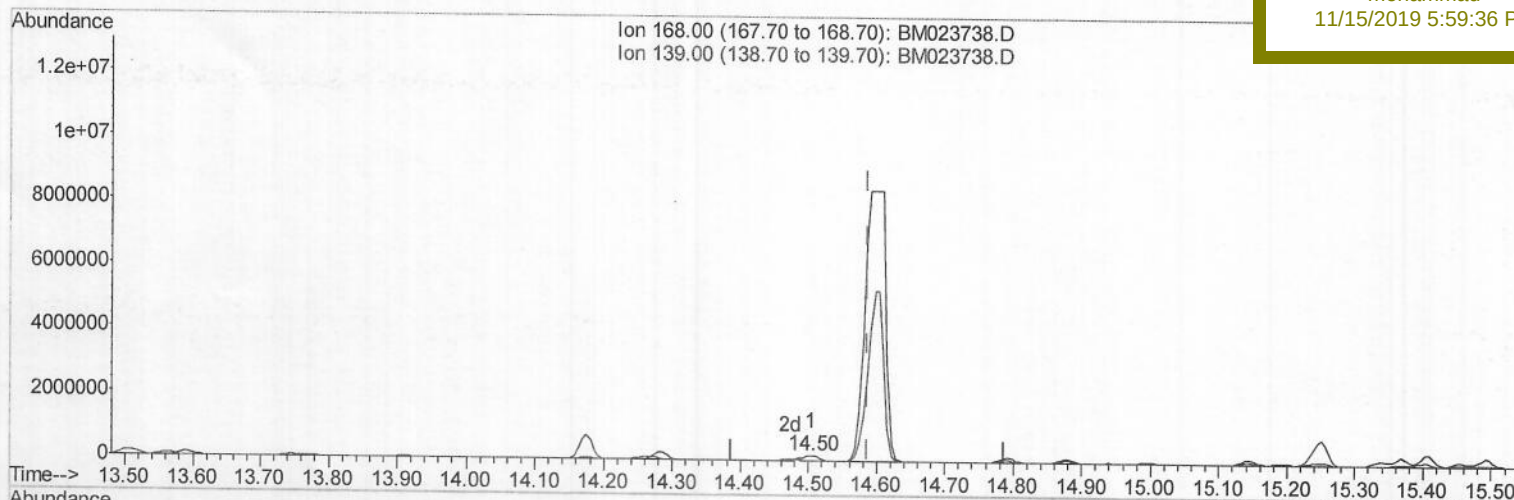
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Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEGY8

Manual Integrations
APPROVED

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(54) Dibenzofuran

14.504min (-0.083) 3.00ng/ul

response 257703

Ion	Exp%	Act%
168.00	100	100
139.00	36.60	7.60#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\

Quantitation Report (Qedit)

Data File : BM023738.D

Acq On : 15 Nov 2019 04:42

Operator : JU

Sample : K5700-16

Misc :

ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 15 07:58:01 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Nov 15 07:53:56 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

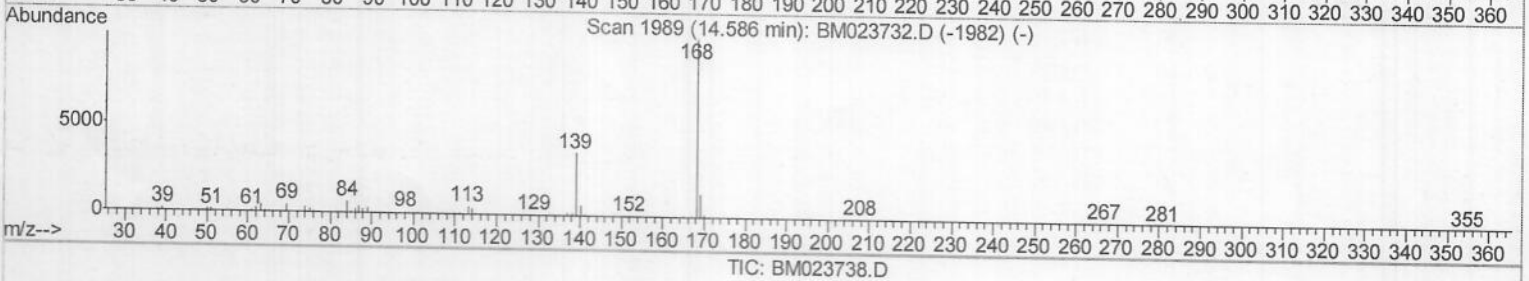
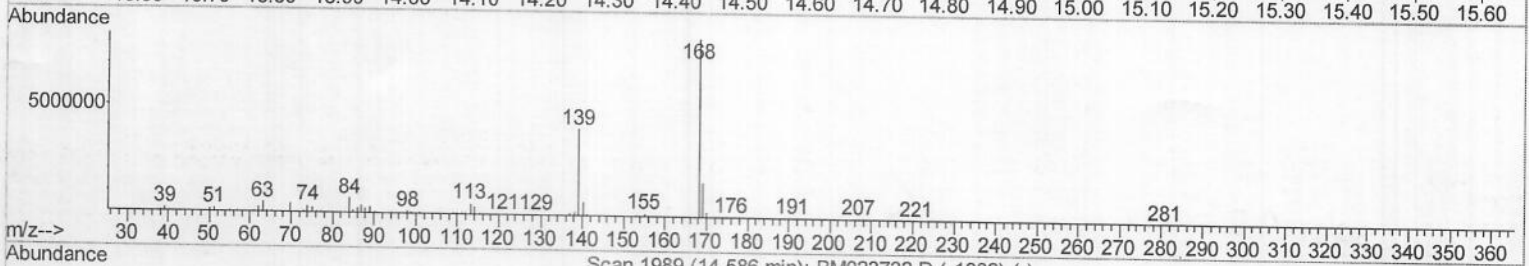
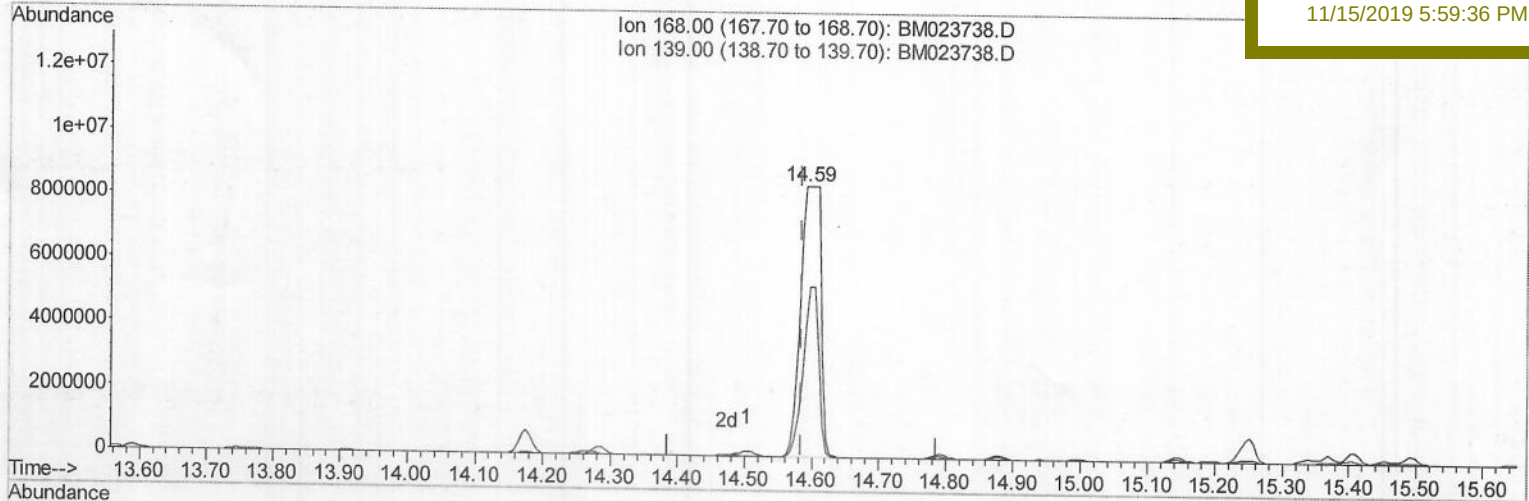
BEGY8

Manual Integrations

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(54) Dibenzofuran

14.592min (+0.006) 204.24ng/ul m

> JU 11/16/19

response 17516658

Ion	Exp%	Act%
168.00	100	100
139.00	36.60	48.40#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Quantitation Report (Qedit)

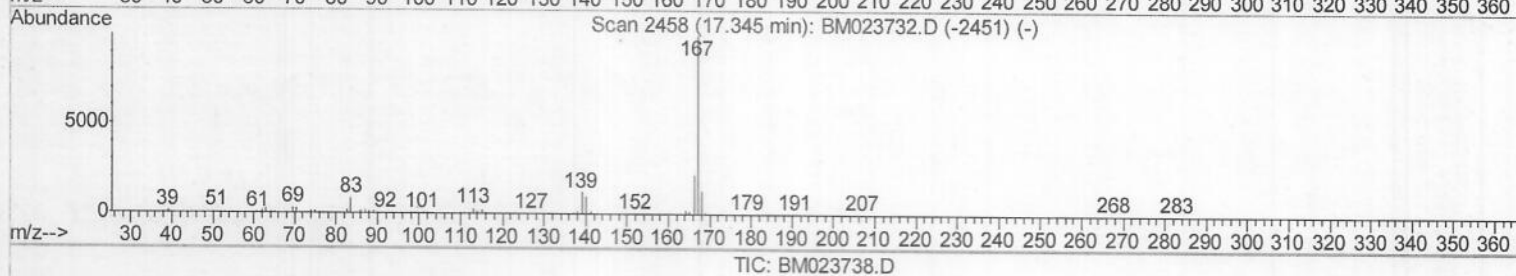
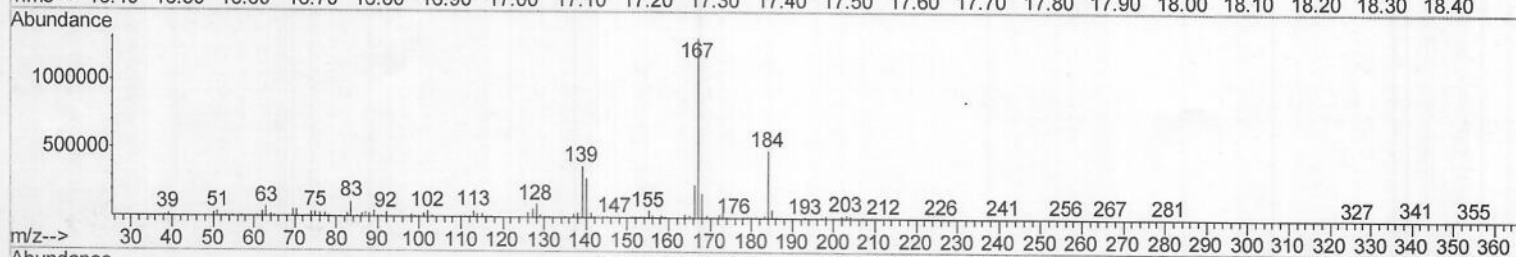
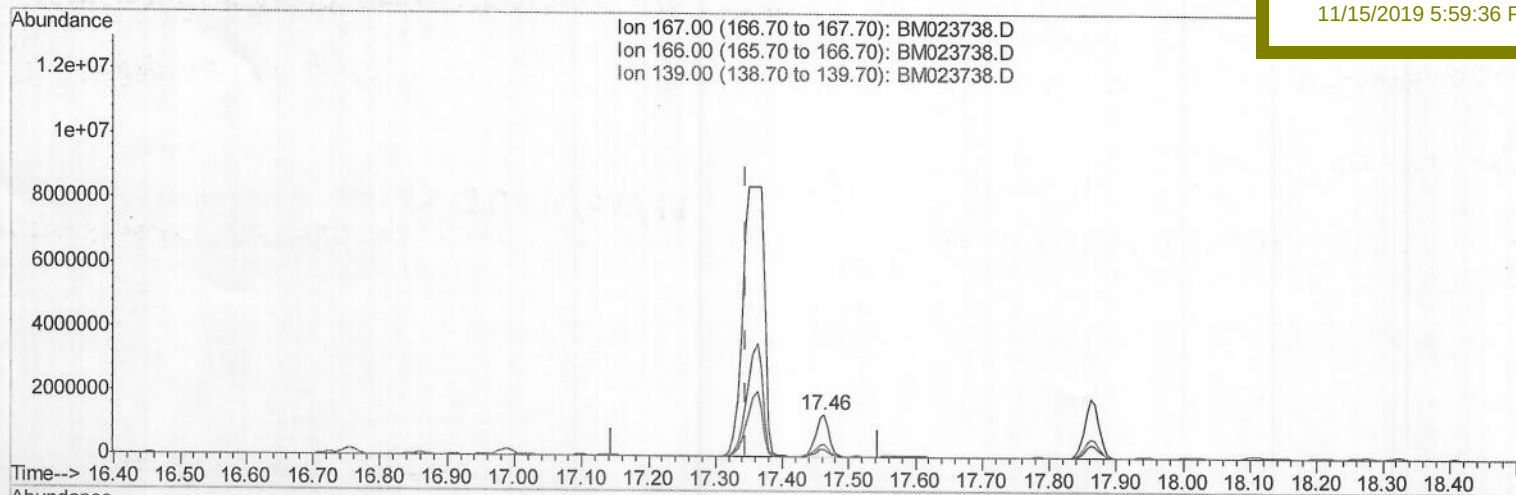
Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 15 07:58:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
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Instrument :
BNA_M
ClientSampleId :
BEGY8

Manual Integrations
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(75) Carbazole

17.462min (+0.117) 21.28ng/ul

response 1791017

Ion	Exp%	Act%
167.00	100	100
166.00	21.40	18.23
139.00	12.20	28.69#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Quantitation Report (Qedit)

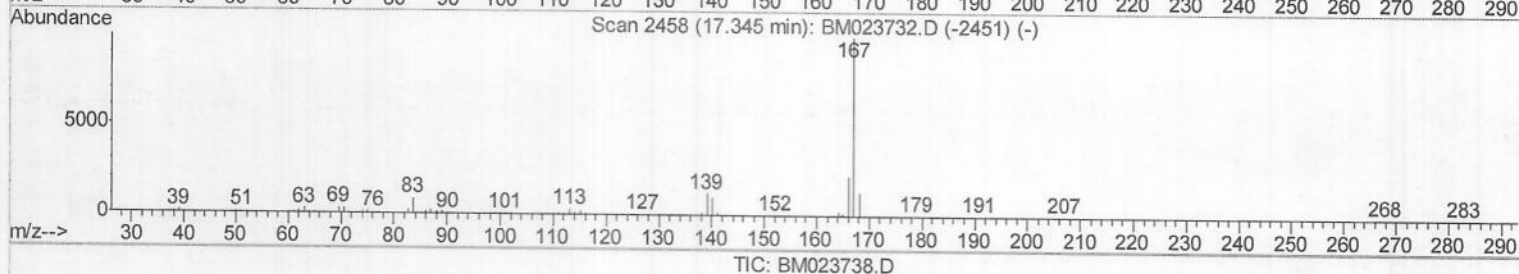
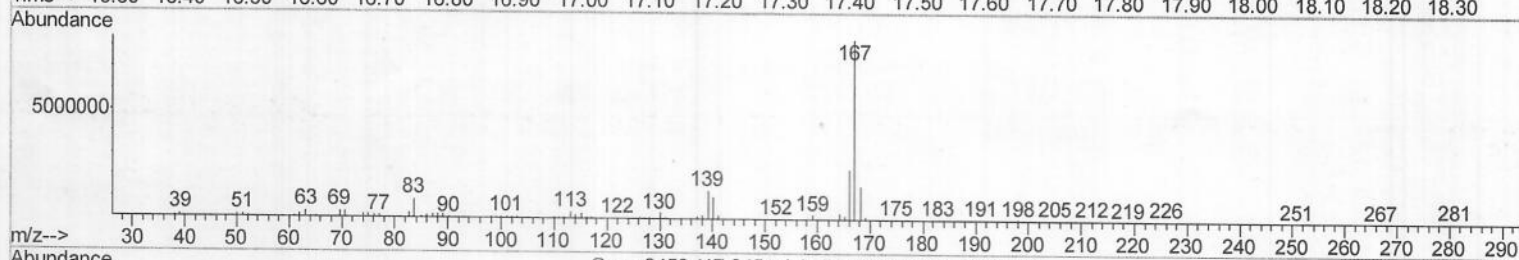
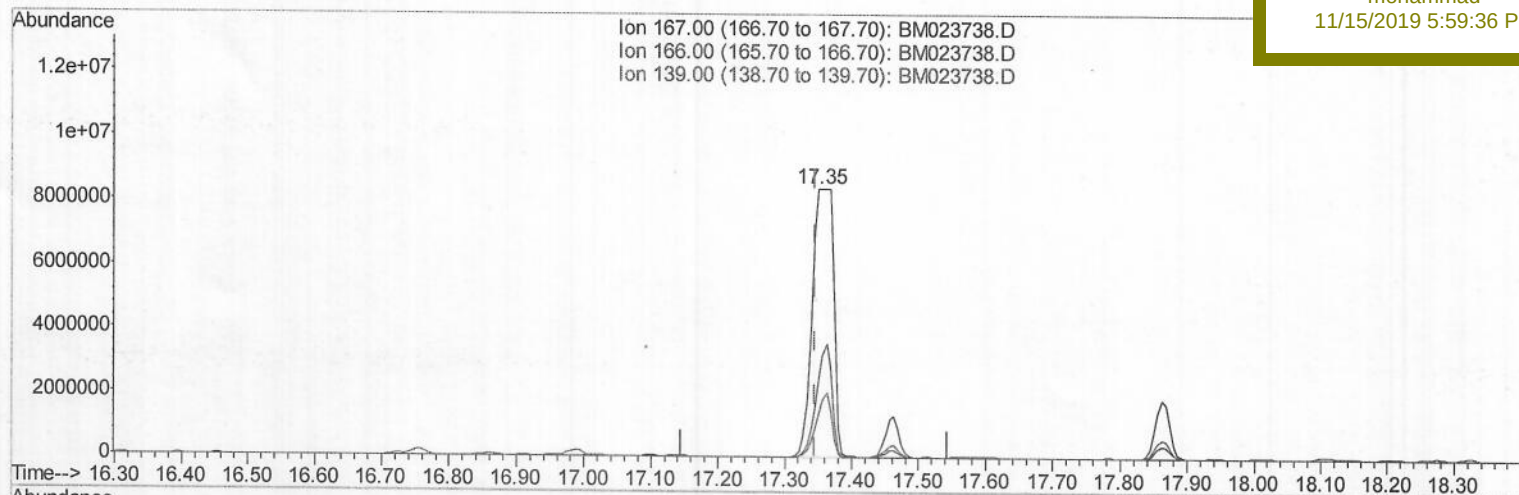
Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 15 07:58:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEGY8

Manual Integrations
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11/15/2019 5:59:36 PM



TIC: BM023738.D

(75) Carbazole

17.351min (+0.006) 221.82ng/ul m

> JU 11/16/19

response 18664935

Ion	Exp%	Act%
167.00	100	100
166.00	21.40	28.44#
139.00	12.20	16.10#
0.00	0.00	0.00

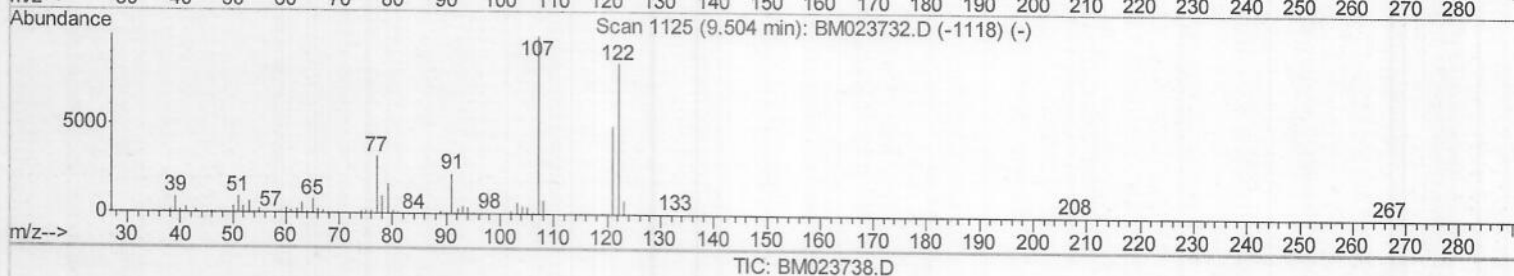
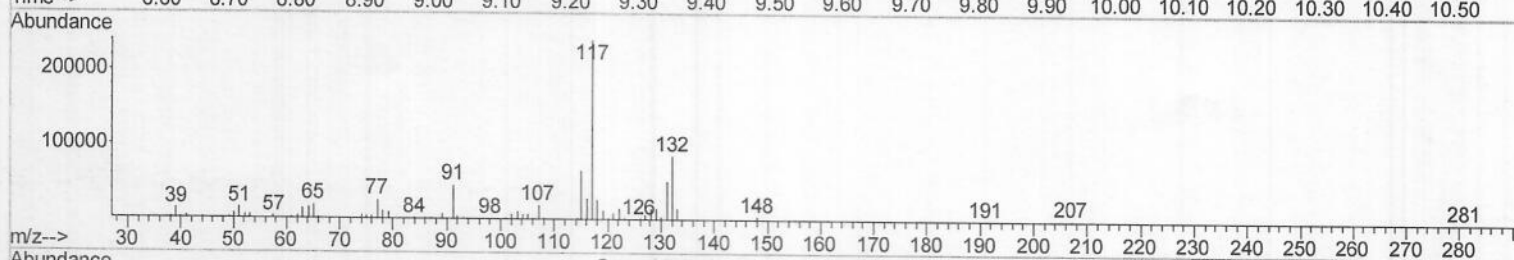
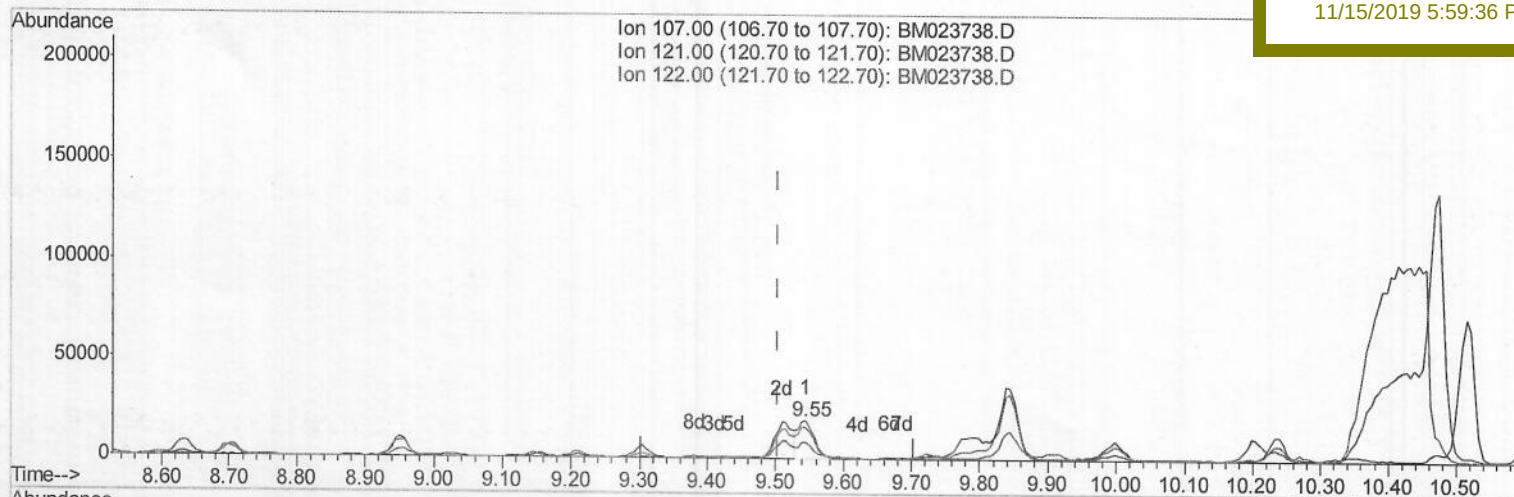
Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 15 07:58:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEGY8

Manual Integrations
APPROVED

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11/15/2019 5:59:36 PM



TIC: BM023738.D

(24) 2,4-Dimethylphenol

9.545min (+0.041) 1.23ng/ul

response 31157

Ion	Exp%	Act%
107.00	100	100
121.00	48.20	42.75
122.00	82.40	79.84
0.00	0.00	0.00

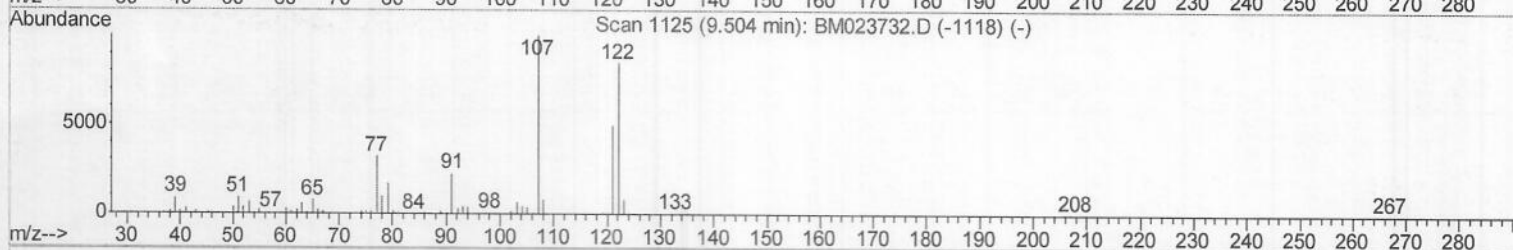
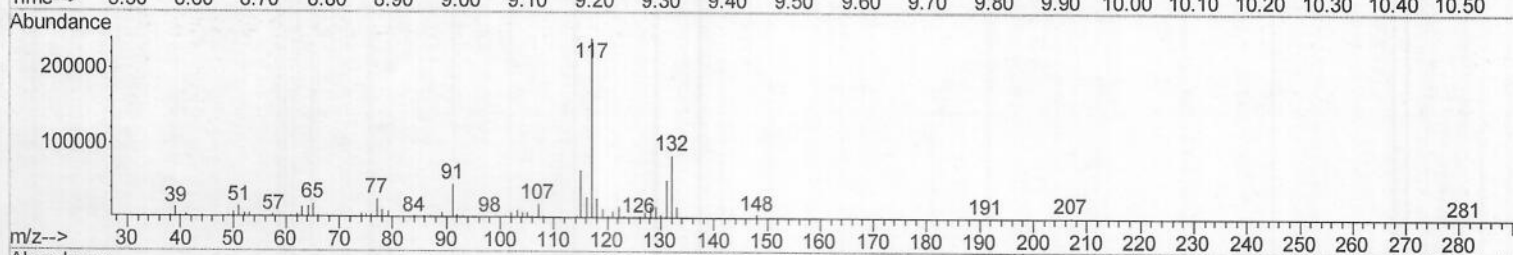
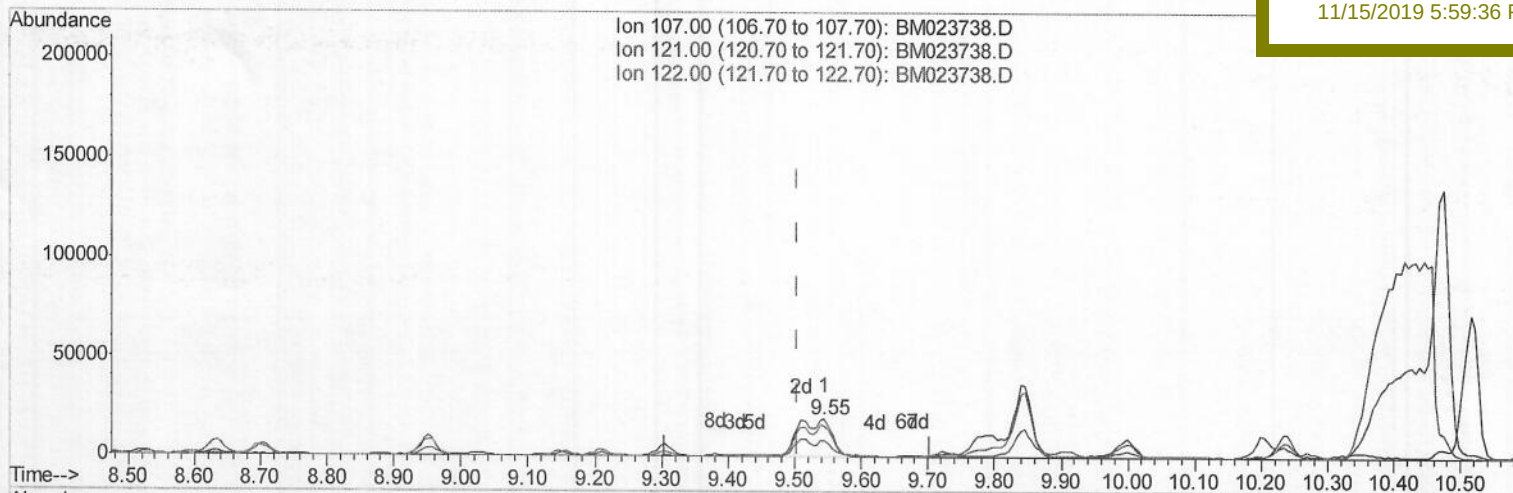
Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 15 07:58:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
BEGY8

Manual Integrations
APPROVED

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11/15/2019 5:59:36 PM



TIC: BM023738.D

(24) 2,4-Dimethylphenol

9.545min (+0.041) 2.60ng/ul m

response 65703

Ion	Exp%	Act%
107.00	100	100
121.00	48.20	42.75
122.00	82.40	79.84
0.00	0.00	0.00

JU 11/16/19

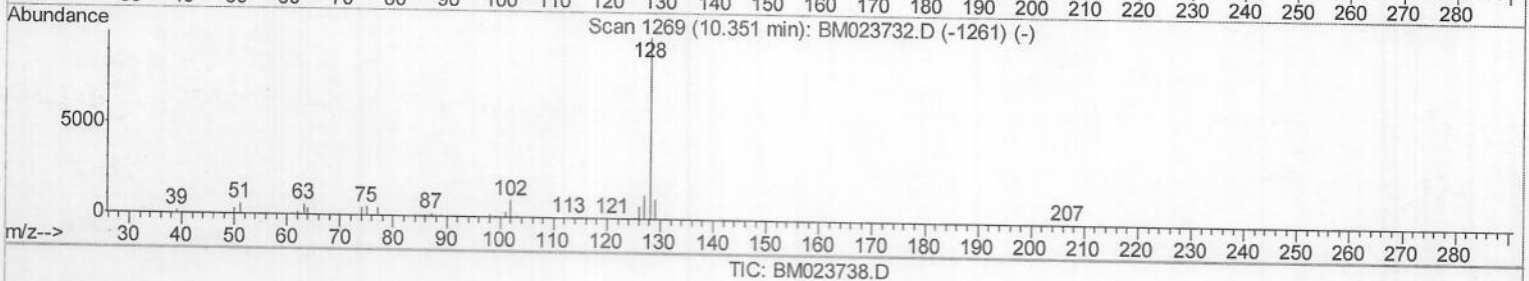
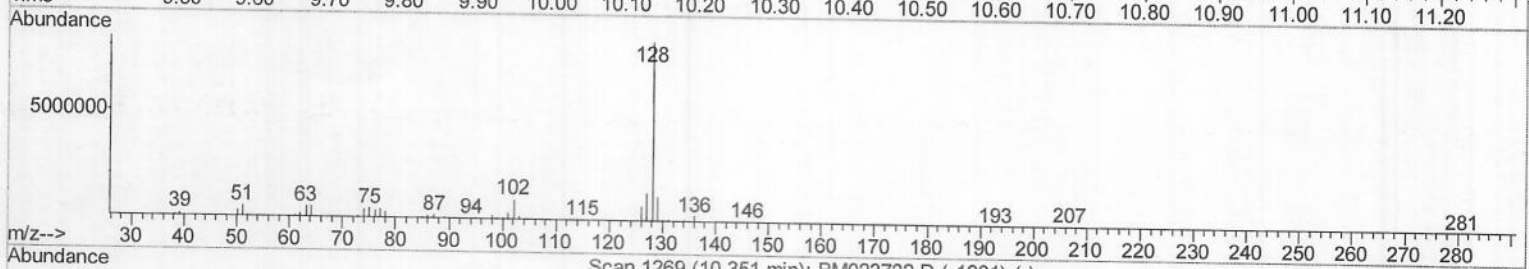
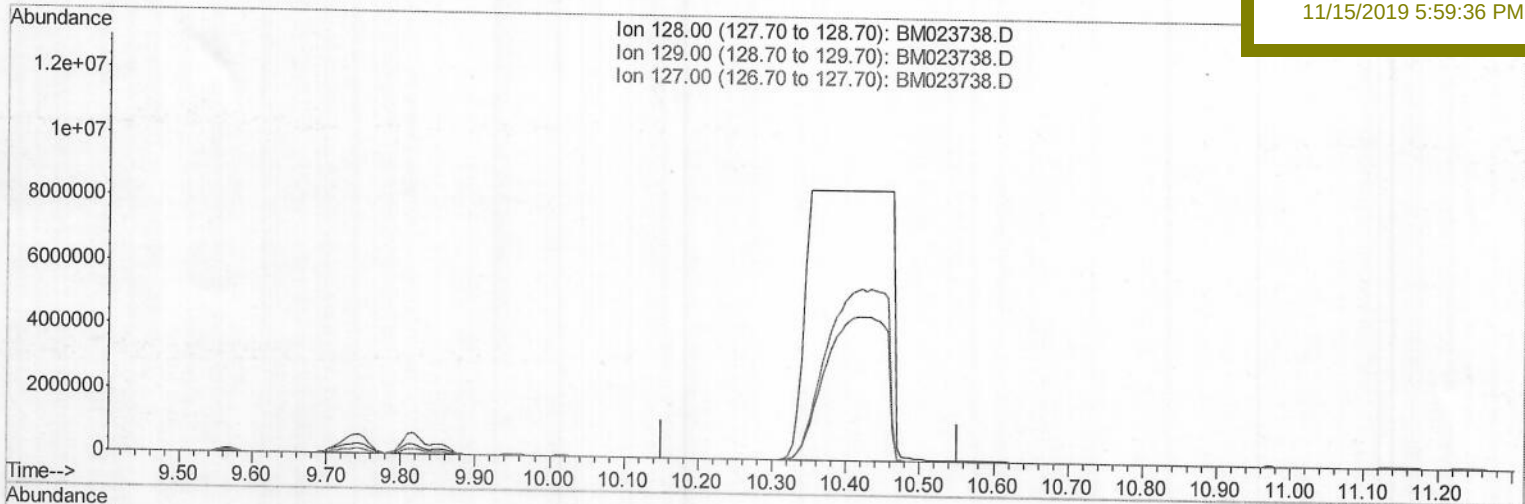
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ALS Vial : 22 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEGY8

Manual Integrations
APPROVED

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11/15/2019 5:59:36 PM



TIC: BM023738.D

(28) Naphthalene

10.351min (-10.351) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	10.90	0.00#
127.00	13.30	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Quantitation Report (Qedit)

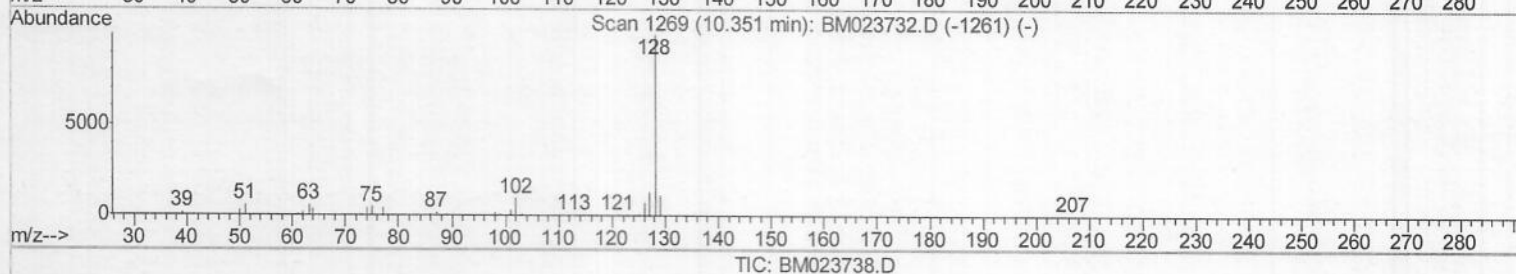
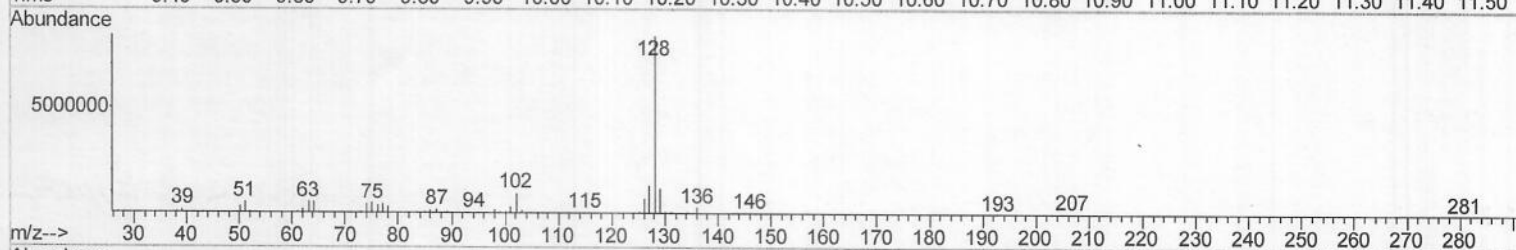
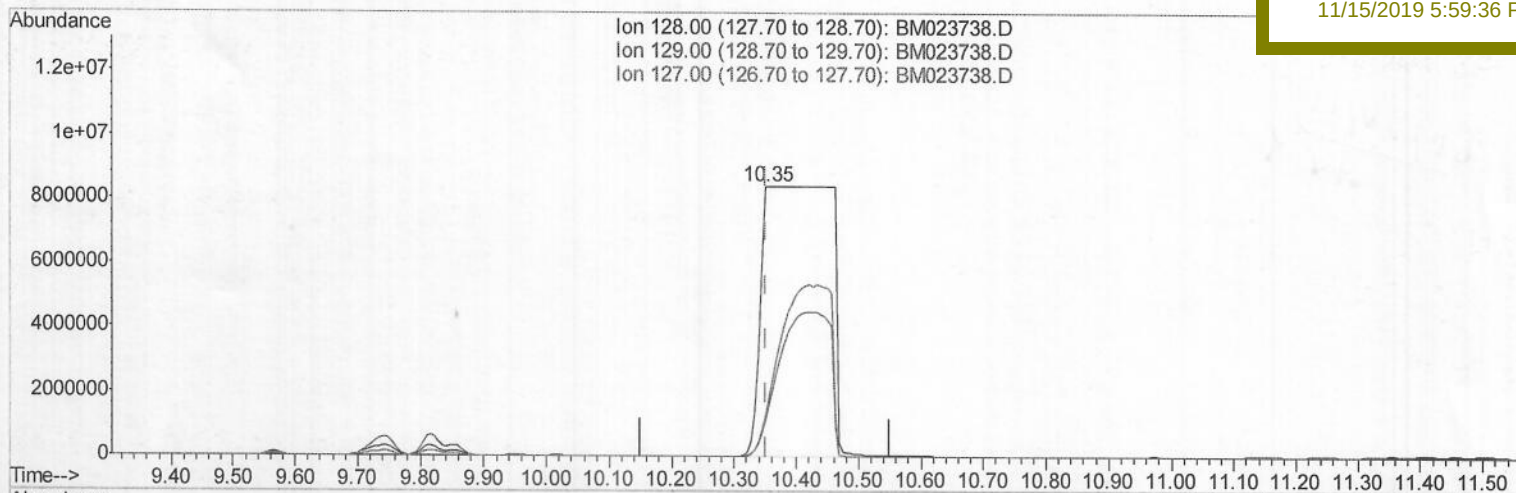
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Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 15 07:58:01 2019
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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11/15/2019 5:59:36 PM



TIC: BM023738.D

(28) Naphthalene

10.351min (-0.000) 915.80ng/ul m

response 63559518

Ion	Exp%	Act%
128.00	100	100
129.00	10.90	13.78#
127.00	13.30	15.46
0.00	0.00	0.00

> JU 11/16/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\

Data File : BM023738.D

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Sample : K5700-16

Misc :

ALS Vial : 22 Sample Multiplier: 1

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Client Sample Id :

BEGY8

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	355940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1320446	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.19	164	911251	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1822526	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1832255	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2196979	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	51733	5.99	ng/uL	0.00
5) Phenol-d5	6.72	99	230414	7.10	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.87	67	539584	28.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	620130	26.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	409860	15.83	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	444987	47.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	431099	43.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	753025	33.24	ng/ul	0.02
29) 4-Chloroaniline-d4	10.48	131	660567	26.56	ng/ul	0.04
44) Dimethylphthalate-d6	13.62	166	2432237	34.23	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	2804534	34.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	94904	7.82	ng/ul	0.00
58) Fluorene-d10	15.19	176	2105671	33.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	353802	33.56	ng/ul	0.00
71) Anthracene-d10	17.04	188	3181518	36.80	ng/ul	0.00
79) Pyrene-d10	19.34	212	3482621	36.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	4277973	37.00	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.75	94	40856	1.222	ng/ul#	50
24) 2,4-Dimethylphenol	9.55	107	65703m	2.602	ng/ul	50
28) Naphthalene	10.35	128	63559518m	915.804	ng/ul	98
34) 2-Methylnaphthalene	11.99	142	8090800	152.394	ng/ul	98
41) 1,1'-Biphenyl	13.02	154	9414518	133.926	ng/ul	98
45) Dimethylphthalate	13.66	163	204183	2.932	ng/ul	98
48) Acenaphthylene	13.90	152	972035	11.906	ng/ul#	90
50) Acenaphthene	14.26	153	17852773m	308.135	ng/ul	96
54) Dibenzofuran	14.59	168	17516658m	204.236	ng/ul	94
59) Fluorene	15.25	166	13306157	191.230	ng/ul	99
70) Phenanthrene	16.98	178	15597662	155.375	ng/ul	98
72) Anthracene	17.07	178	1333978	13.215	ng/ul	99
75) Carbazole	17.35	167	18664935m	221.818	ng/ul	98
77) Fluoranthene	19.00	202	1779560	16.546	ng/ul	98
80) Pyrene	19.37	202	1007582	8.508	ng/ul	99

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