

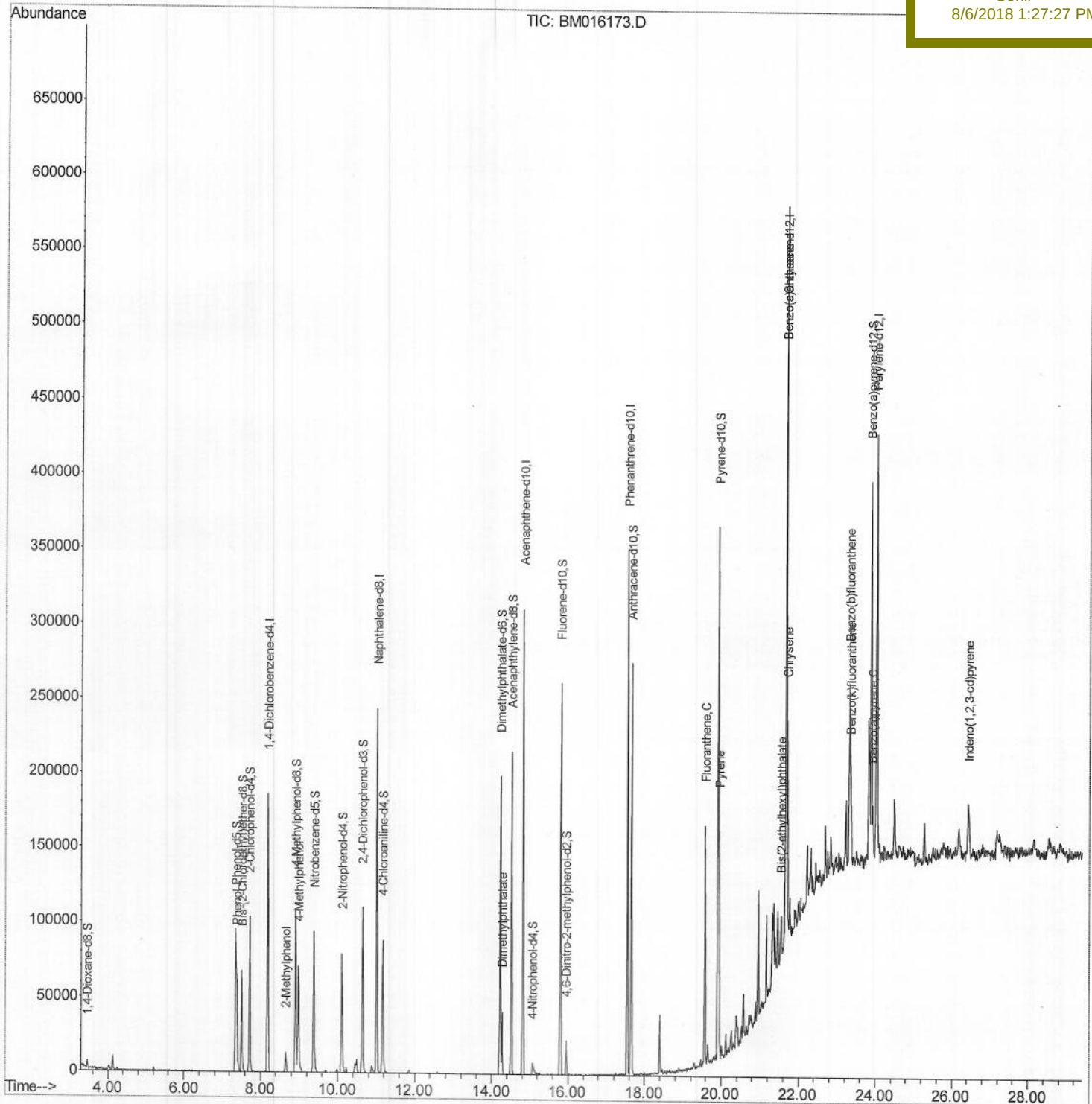
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016173.D
Acq On : 03 Aug 2018 11:02
Operator : SJ/JU
Sample : J4178-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 12:45:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 04 01:03:47 2018
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
C0AB7

Manual Integrations
APPROVED

Sohil
8/6/2018 1:27:27 PM



Quantitation Report (Qedit)

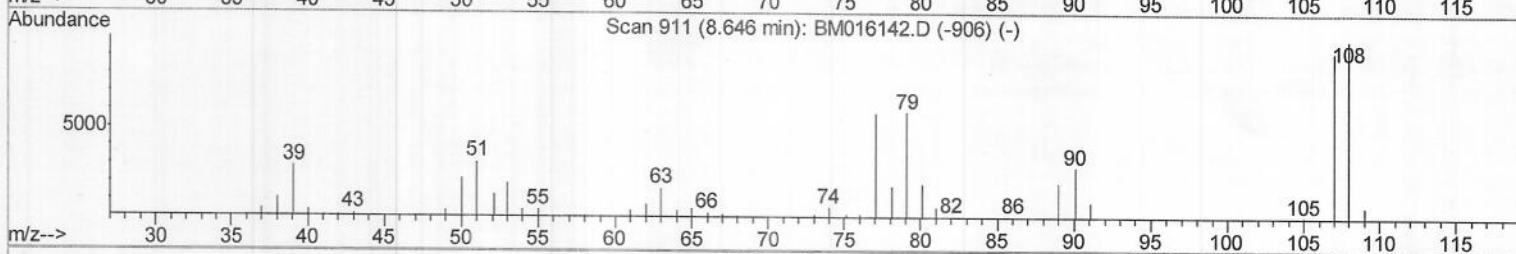
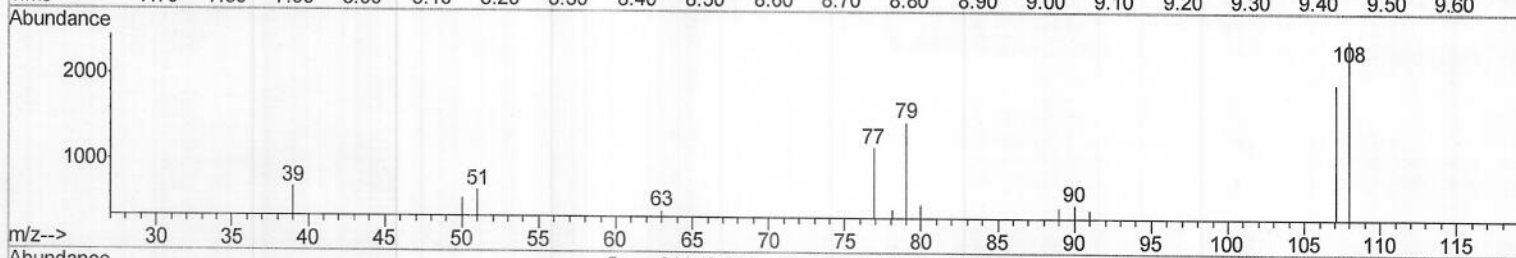
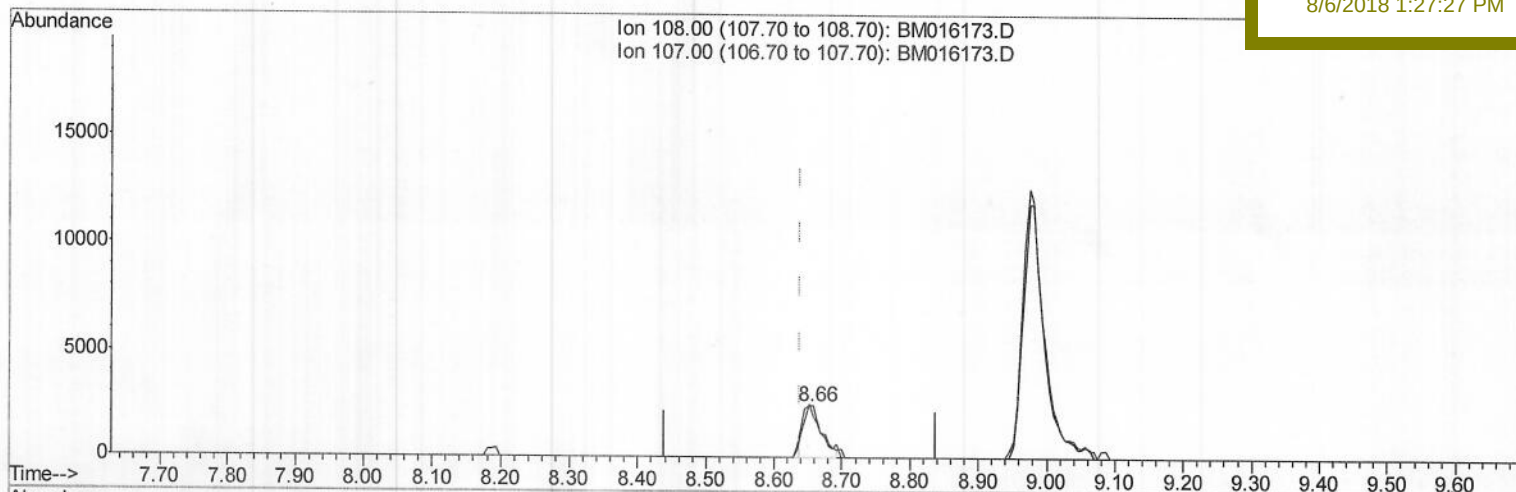
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
 Data File : BM016173.D
 Acq On : 03 Aug 2018 11:02
 Operator : SJ/JU
 Sample : J4178-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 07:57:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 07 17:33:40 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 C0AB7

Manual Integrations
 APPROVED

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 8/6/2018 1:27:27 PM



TIC: BM016173.D

(11) 2-Methylphenol

8.657min (+0.018) 1.85ng/ul

response 5112

Ion	Exp%	Act%
108.00	100	100
107.00	90.50	78.85
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\

Data File : BM016173.D

Acq On : 03 Aug 2018 11:02

Operator : SJ/JU

Sample : J4178-01

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 12:45:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Aug 04 01:03:47 2018

Response via : Initial Calibration

Instrument :

BNA_M

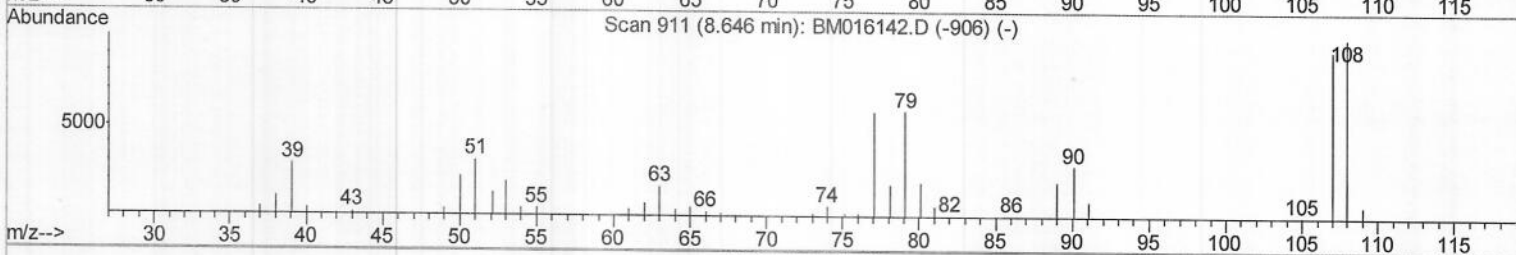
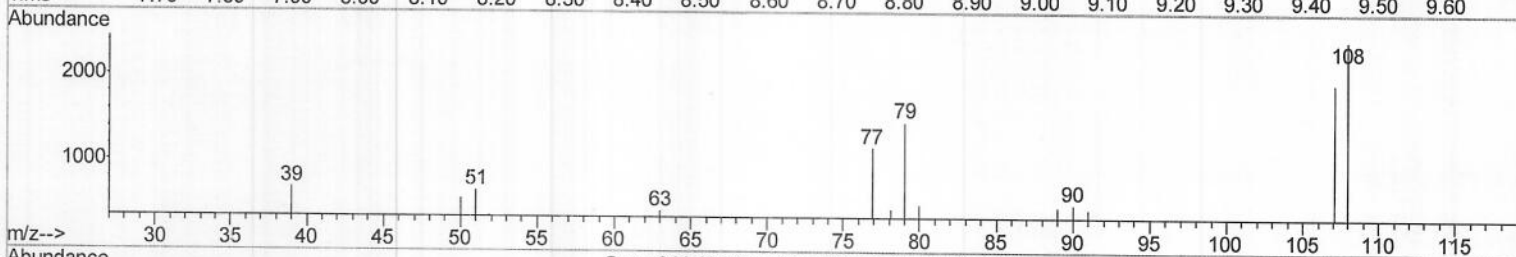
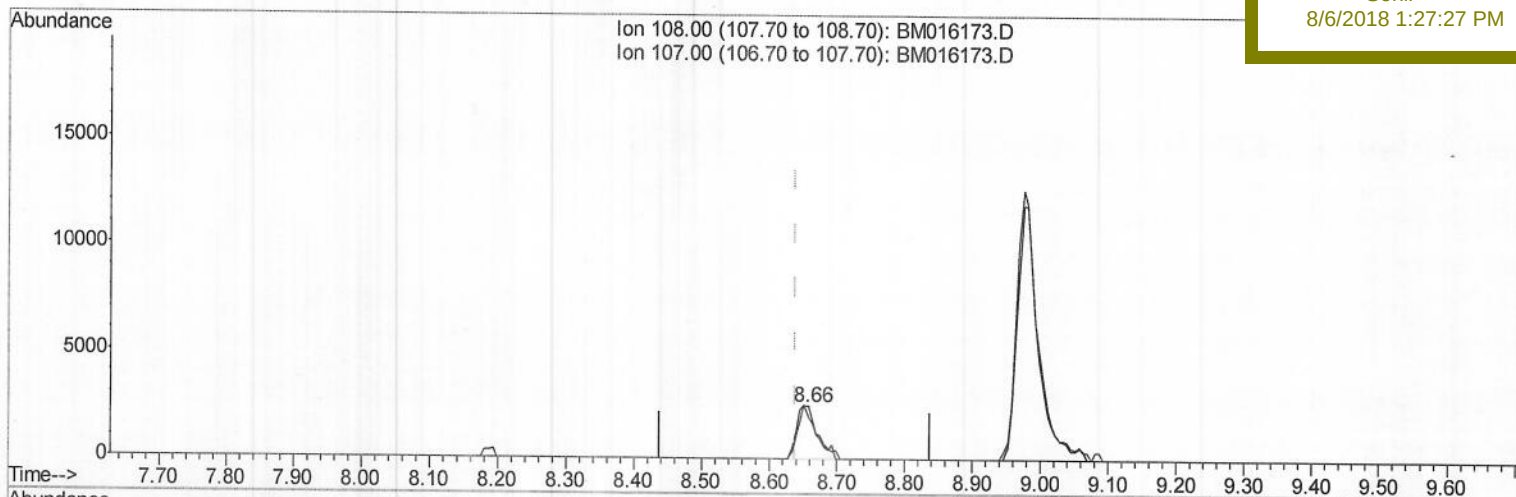
ClientSampleId :

C0AB7

Manual Integrations
APPROVED

Sohil

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TIC: BM016173.D

(11) 2-Methylphenol

8.657min (+0.018) 1.90ng/ul m) SJ 08/13/18

response 5261

Ion	Exp%	Act%
108.00	100	100
107.00	90.50	78.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\

Data File : BM016173.D

Acq On : 03 Aug 2018 11:02

Operator : SJ/JU

Sample : J4178-01

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 07:57:52 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 07 17:33:40 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

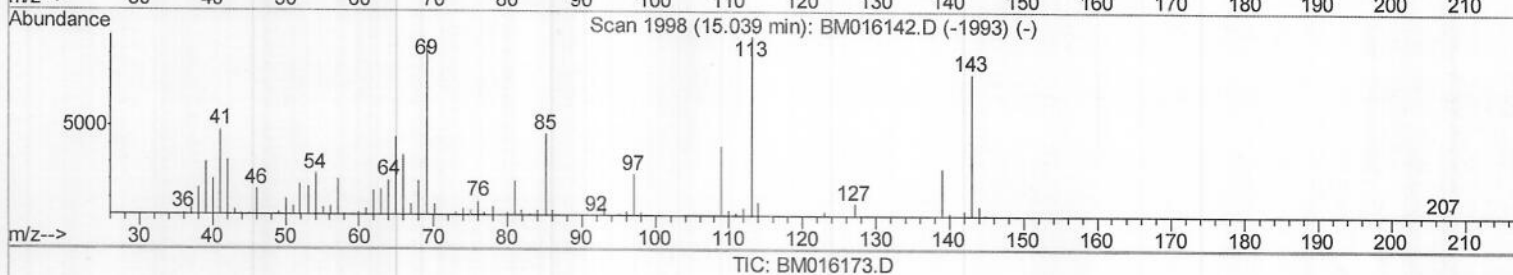
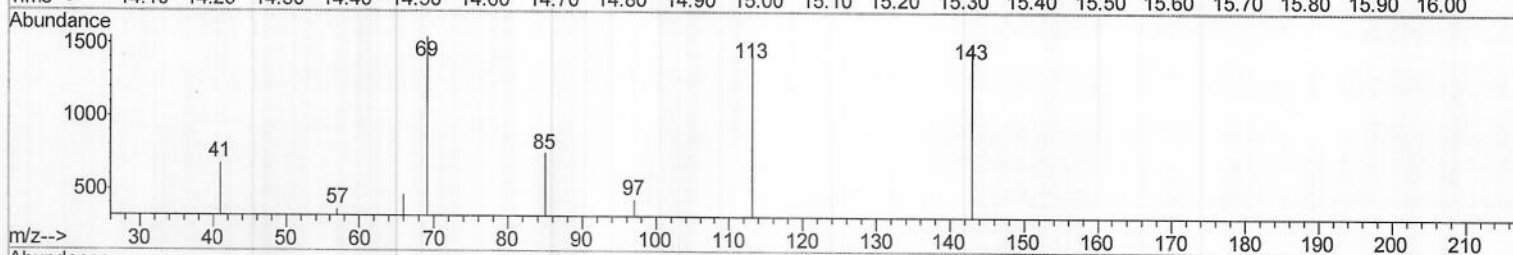
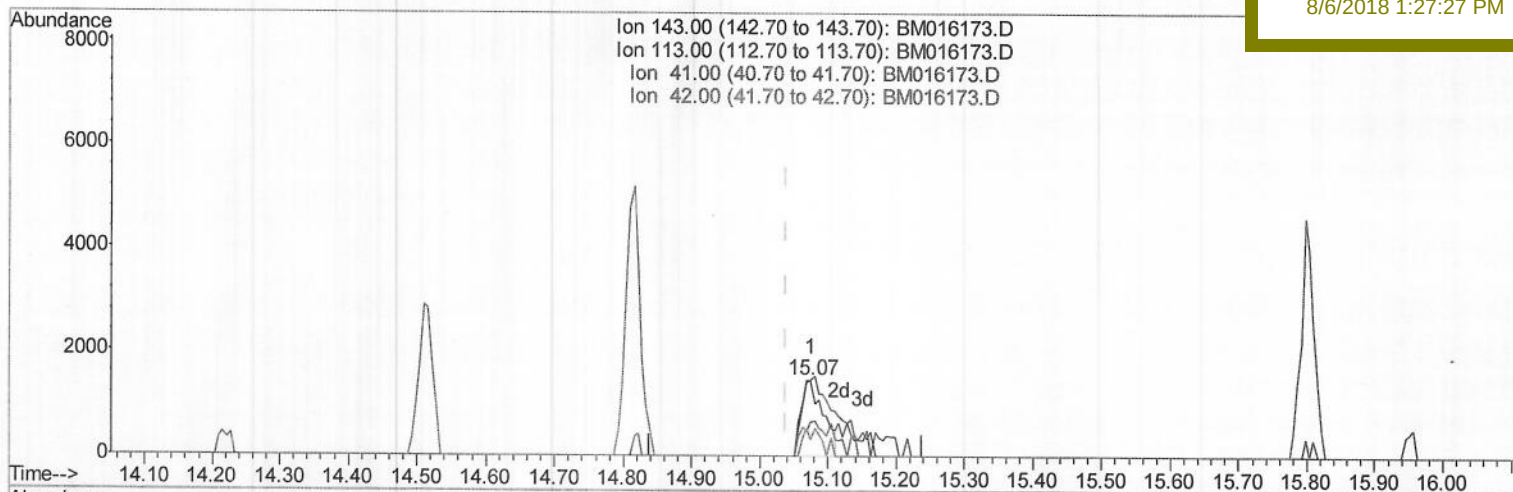
C0AB7

Manual Integrations

APPROVED

Sohil

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(51) 4-Nitrophenol-d4 (S)

15.075min (+0.036) 2.43ng/ul

response 3218

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	100.07#
41.00	28.80	45.84#
42.00	19.10	21.80

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\

Data File : BM016173.D

Acq On : 03 Aug 2018 11:02

Operator : SJ/JU

Sample : J4178-01

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 12:45:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Aug 04 01:03:47 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

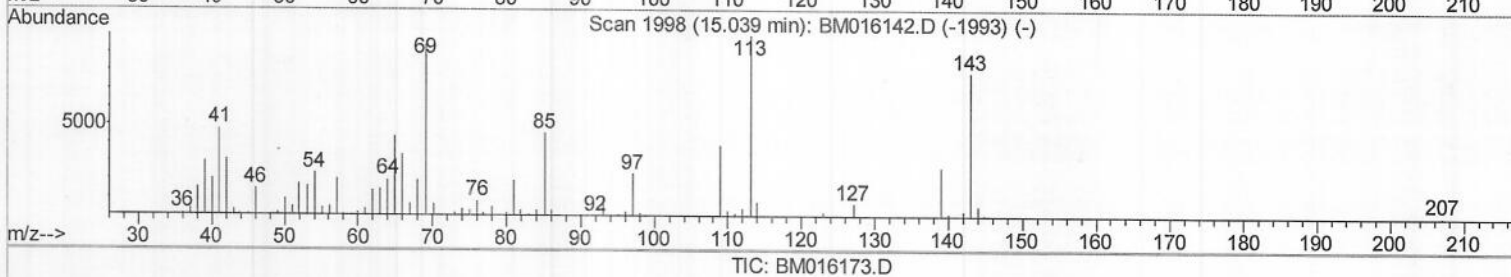
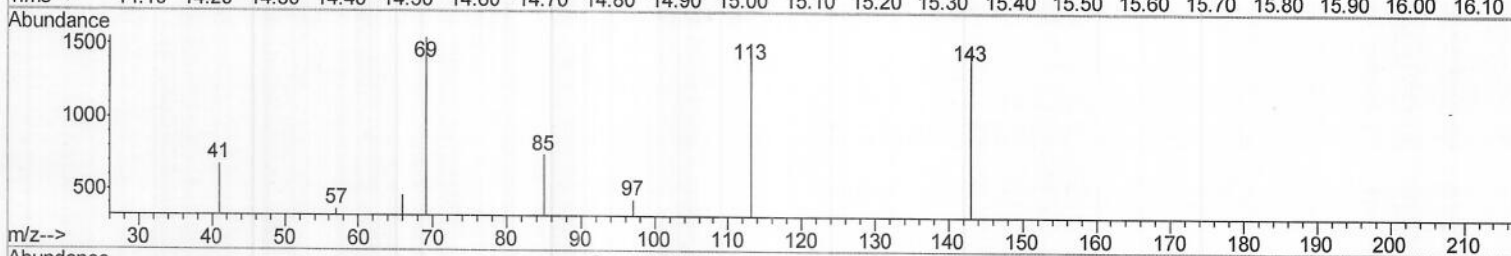
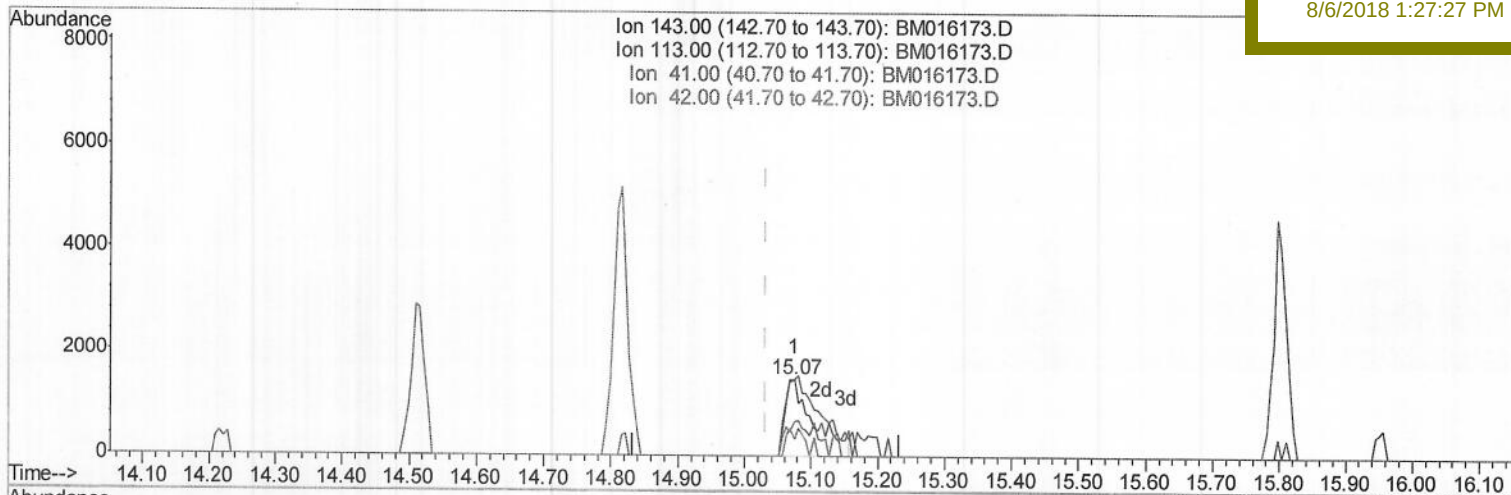
C0AB7

Manual Integrations

APPROVED

Sohil

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TIC: BM016173.D

(51) 4-Nitrophenol-d4 (S)

15.075min (+0.042) 3.38ng/ul m > SJ 08/13/18

response 4469

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	100.07#
41.00	28.80	45.84#
42.00	19.10	21.80

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\

Data File : BM016173.D

Acq On : 03 Aug 2018 11:02

Operator : SJ/JU

Sample : J4178-01

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 07:57:52 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 07 17:33:40 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

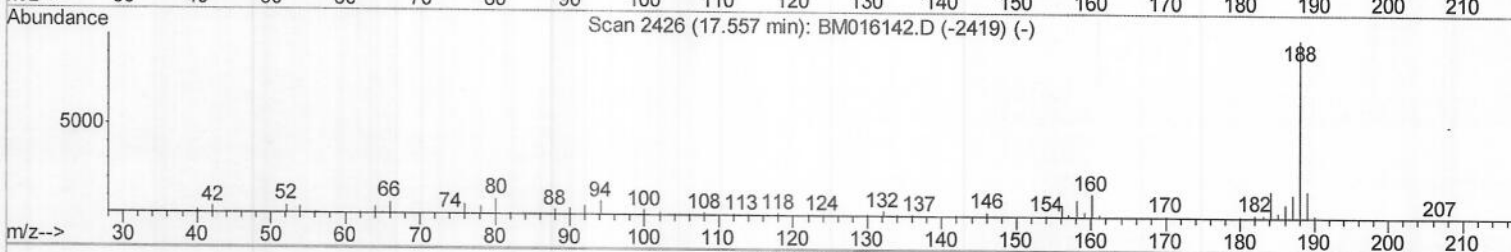
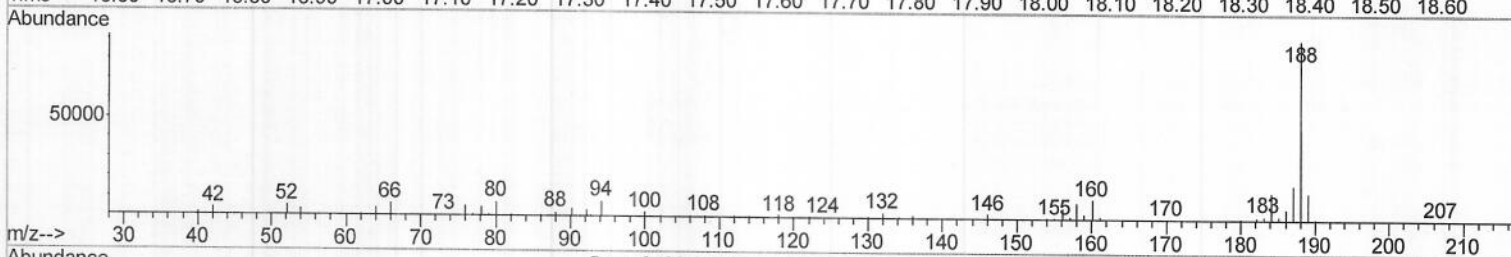
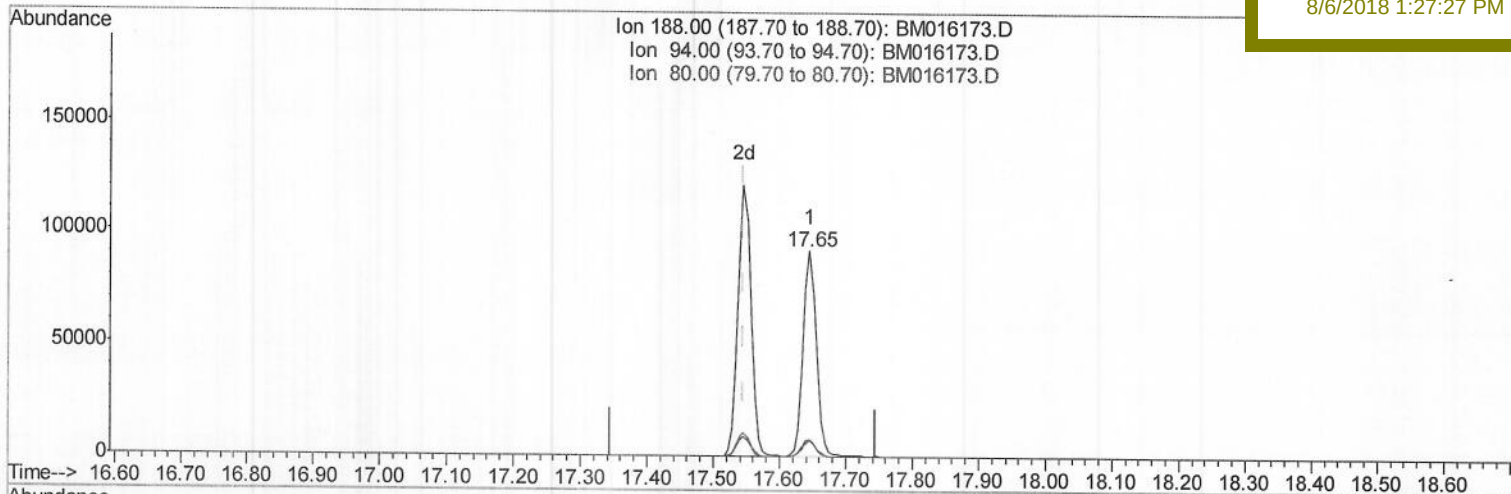
C0AB7

Manual Integrations

APPROVED

Sohil

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TIC: BM016173.D

(61) Phenanthrene-d10 (I)

17.645min (+0.100) 20.00ng/ul

response 127236

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	8.71
80.00	9.70	7.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\

Data File : BM016173.D

Acq On : 03 Aug 2018 11:02

Operator : SJ/JU

Sample : J4178-01

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 12:45:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Aug 04 01:03:47 2018

Response via : Initial Calibration

Instrument :

BNA_M

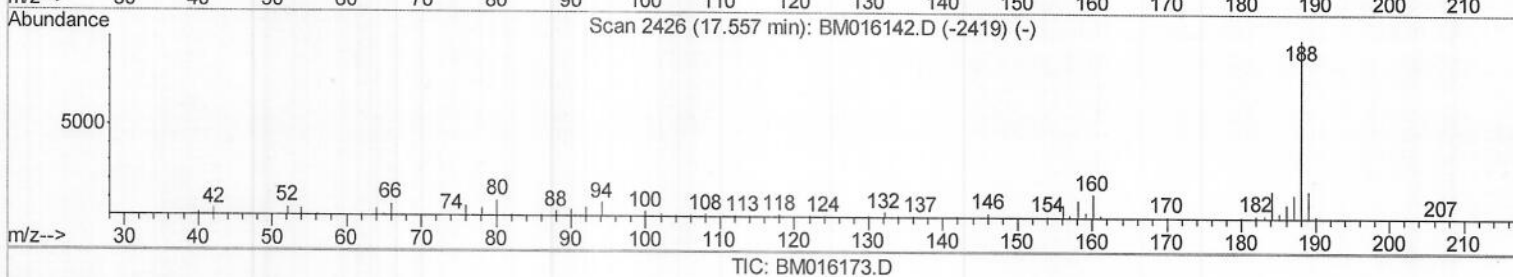
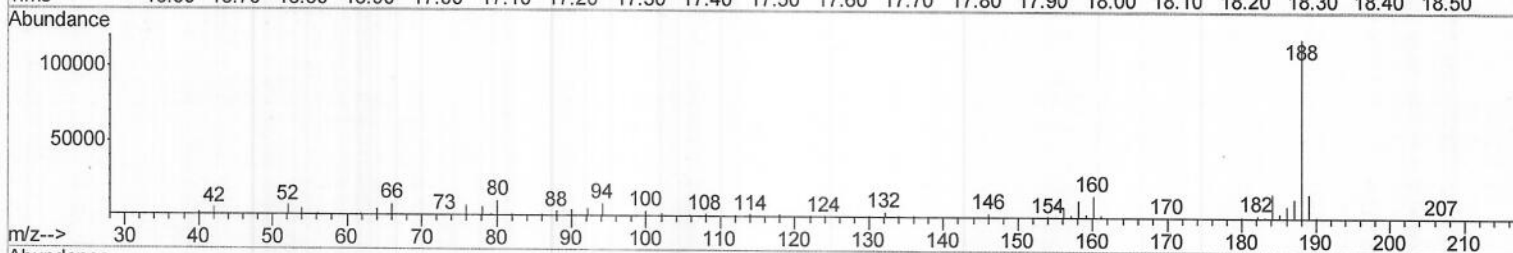
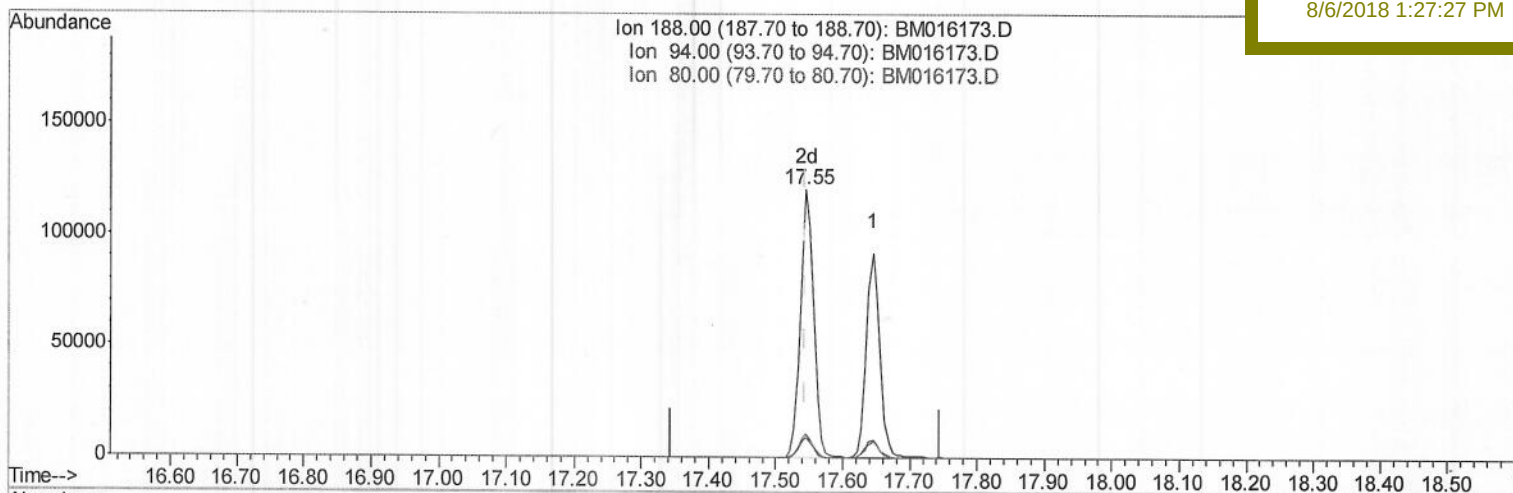
ClientSampleId :

C0AB7

Manual Integrations
APPROVED

Sohil

8/6/2018 1:27:27 PM



(61) Phenanthrene-d10 (I)

17.545min (+0.000) 20.00ng/ul m) SJ08/13/18

response 164191

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	7.14#
80.00	9.70	8.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\

Data File : BM016173.D

Acq On : 03 Aug 2018 11:02

Operator : SJ/JU

Sample : J4178-01

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 07:57:52 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 07 17:33:40 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

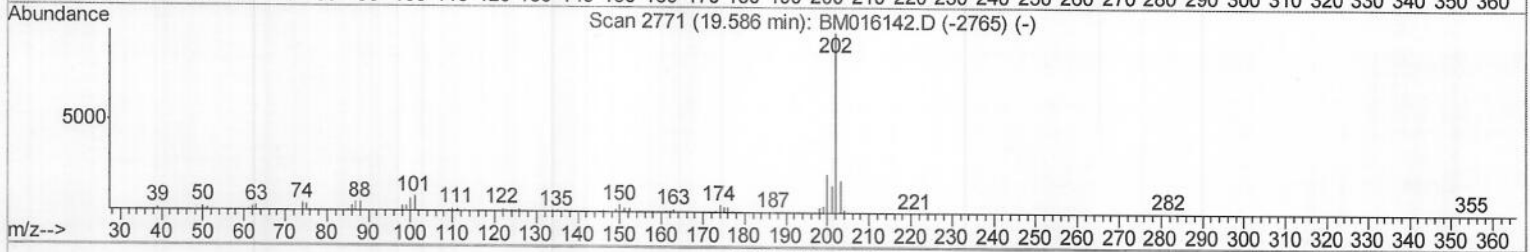
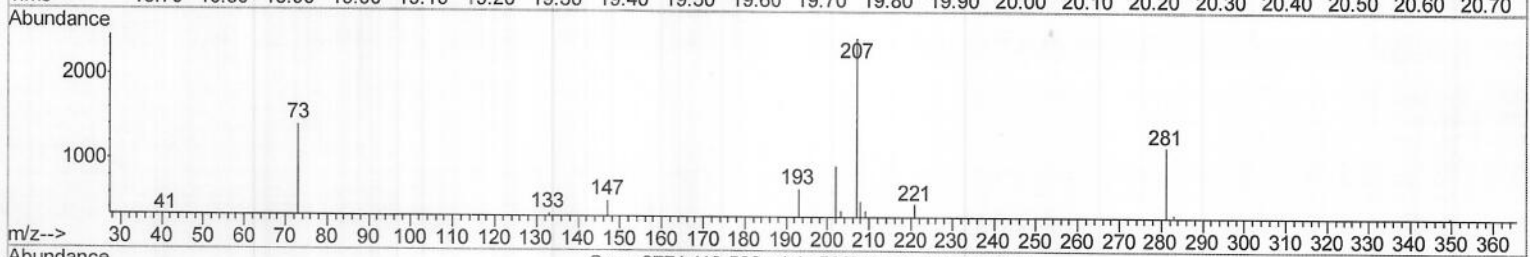
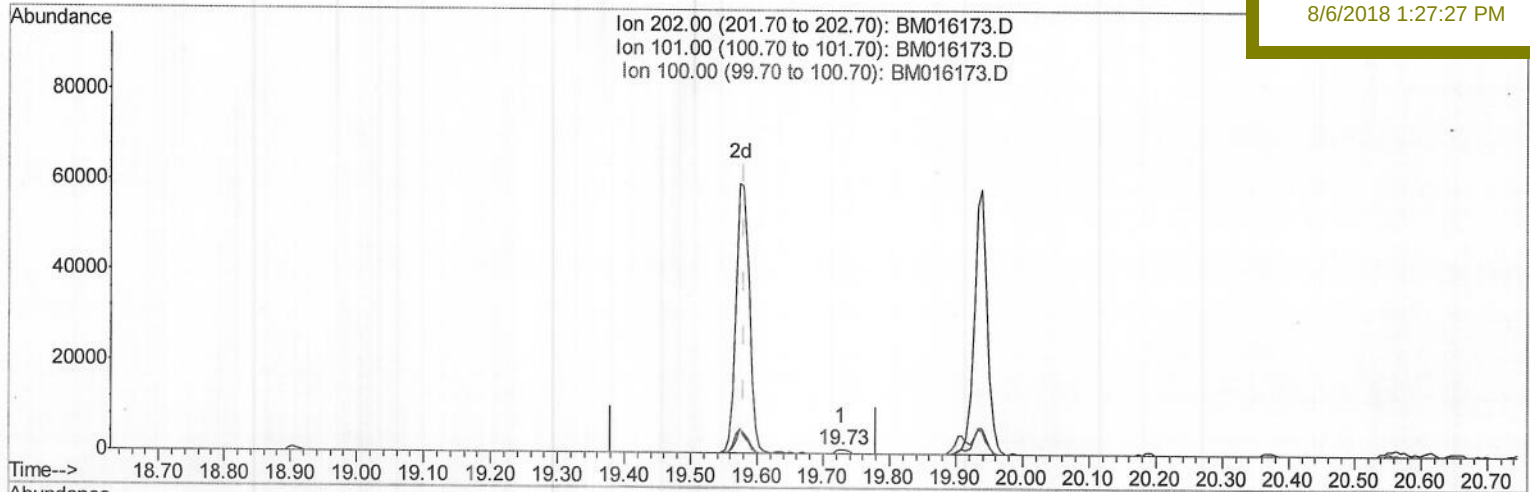
C0AB7

Manual Integrations

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Sohil

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TIC: BM016173.D

(76) Fluoranthene (C)

19.727min (+0.147) 0.11ng/ul

response 1045

Ion Exp% Act%

202.00 100 100

101.00 11.00 0.00#

100.00 8.20 0.00#

0.00 0.00 0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\

Data File : BM016173.D

Acq On : 03 Aug 2018 11:02

Operator : SJ/JU

Sample : J4178-01

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 12:45:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Aug 04 01:03:47 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

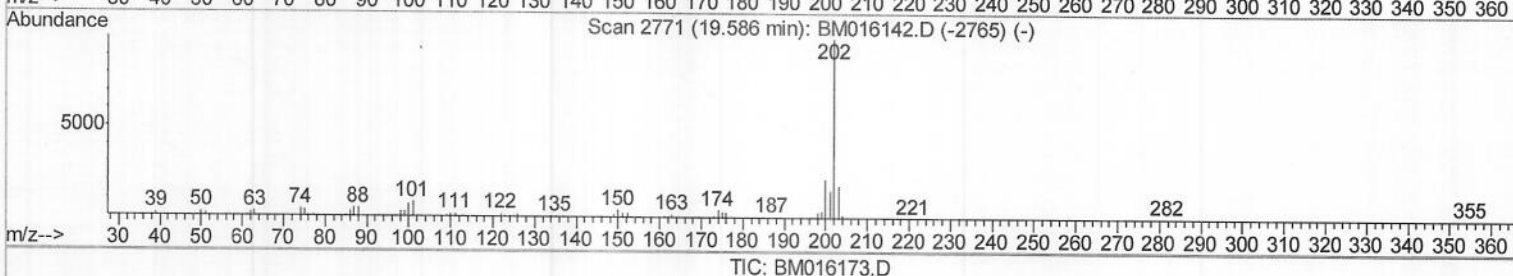
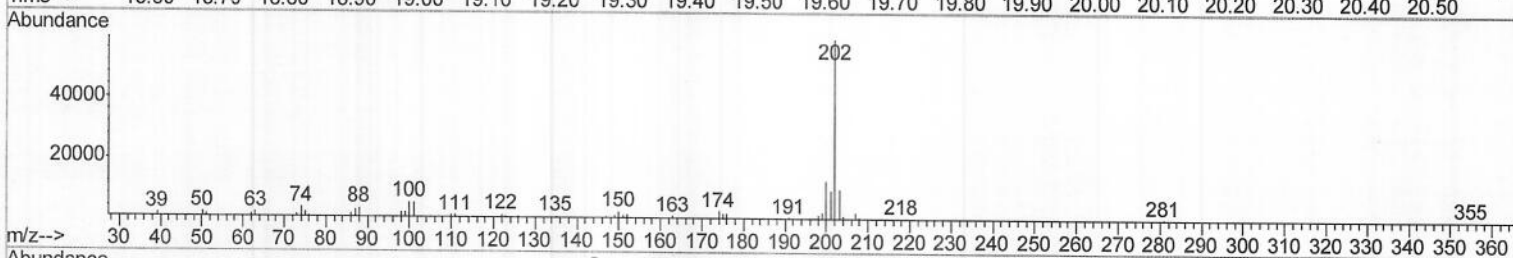
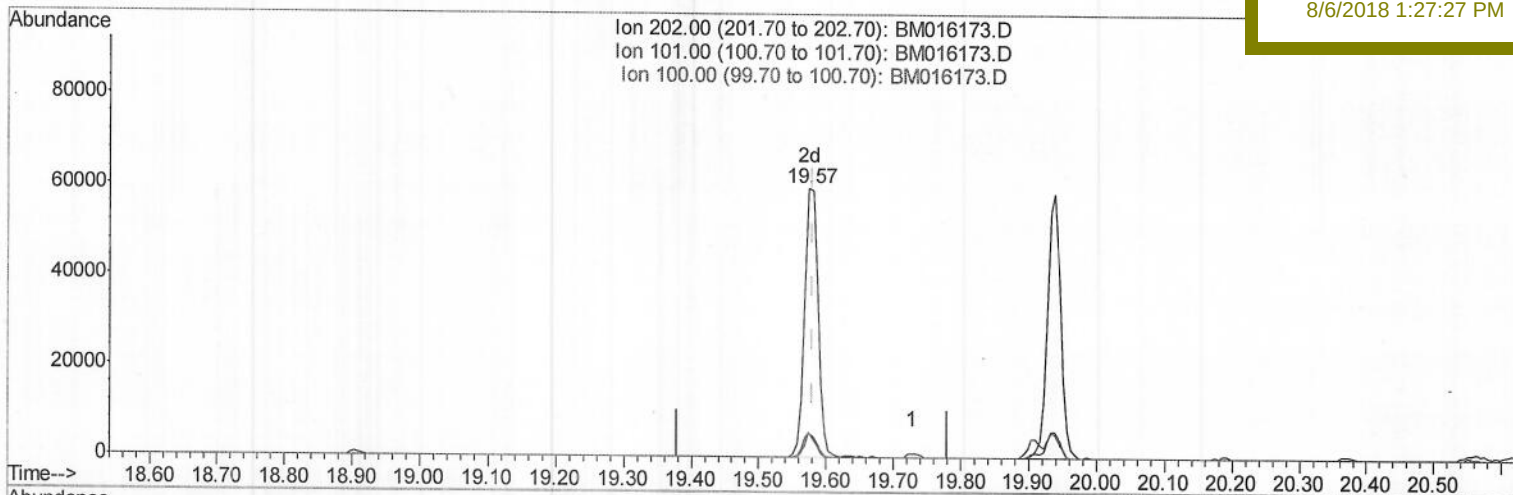
C0AB7

Manual Integrations

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Sohil

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(76) Fluoranthene (C)

19.574min (-0.005) 6.77ng/ul m) 5508/13/18

response 82489

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	8.44#
100.00	8.20	9.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\

Data File : BM016173.D

Acq On : 03 Aug 2018 11:02

Operator : SJ/JU

Sample : J4178-01

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 07:57:52 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 07 17:33:40 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

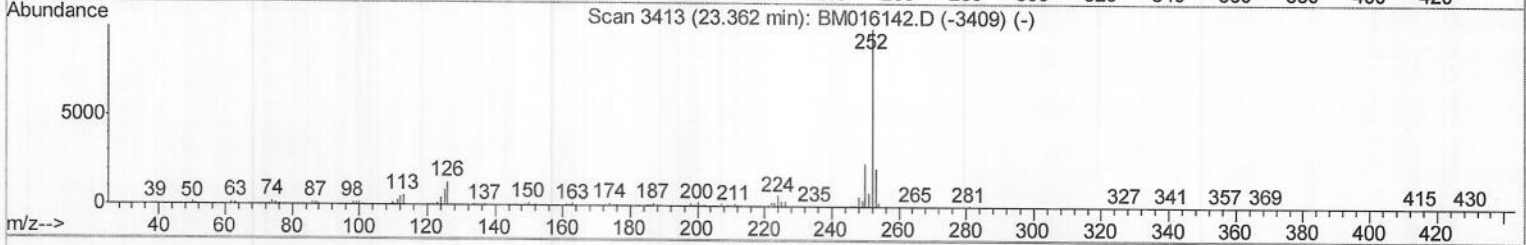
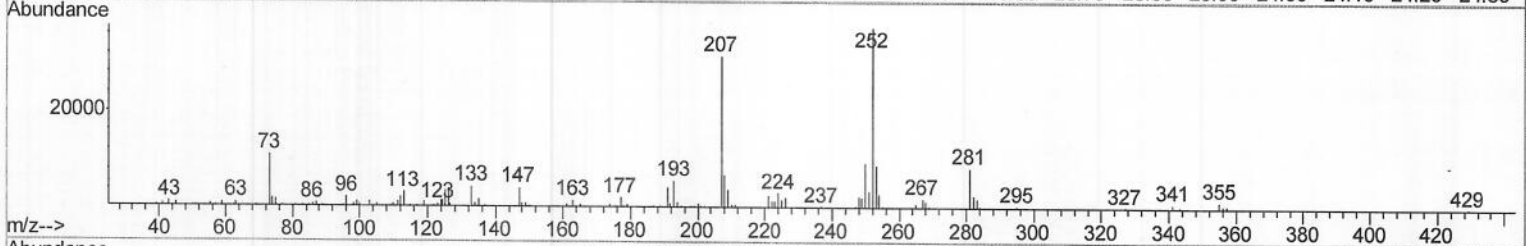
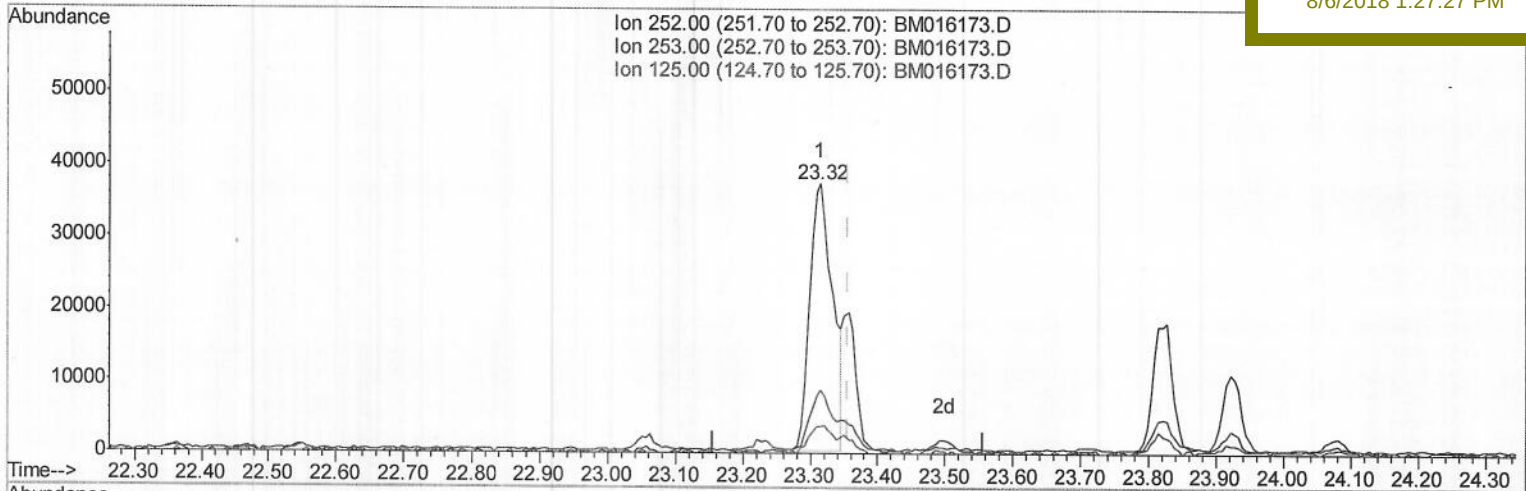
C0AB7

Manual Integrations

APPROVED

Sohil

8/6/2018 1:27:27 PM



TIC: BM016173.D

(88) Benzo(k)fluoranthene

23.315min (-0.041) 7.98ng/ul

response 88086

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.65
125.00	10.20	9.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\

Data File : BM016173.D

Acq On : 03 Aug 2018 11:02

Operator : SJ/JU

Sample : J4178-01

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 12:45:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Aug 04 01:03:47 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

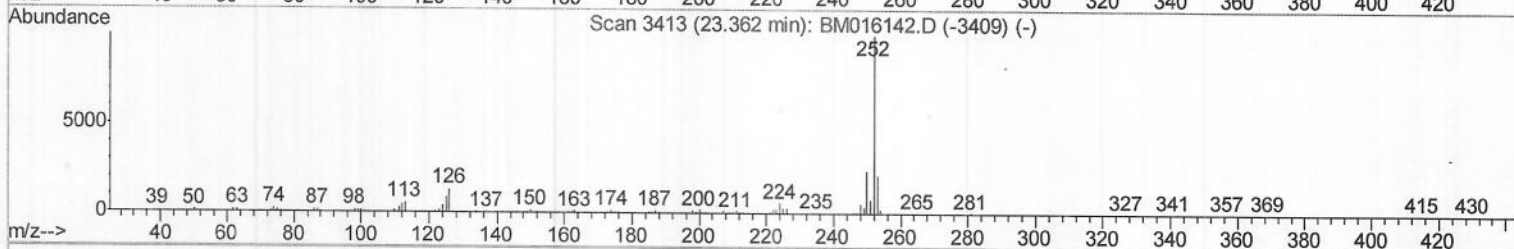
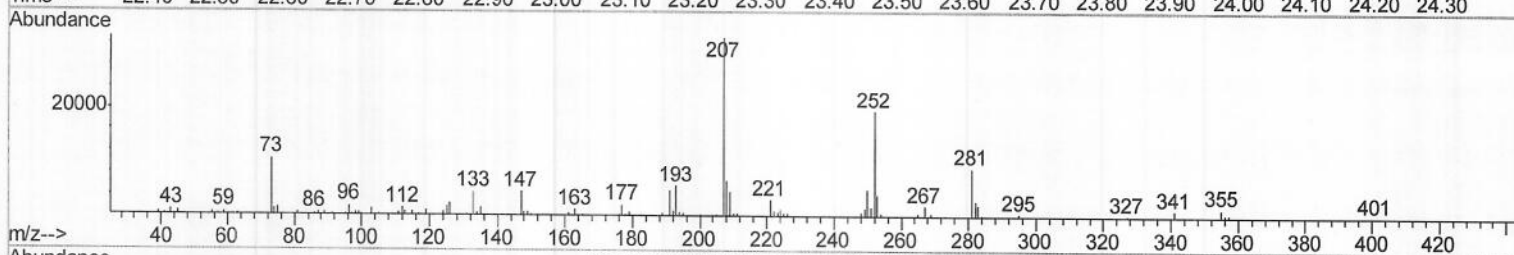
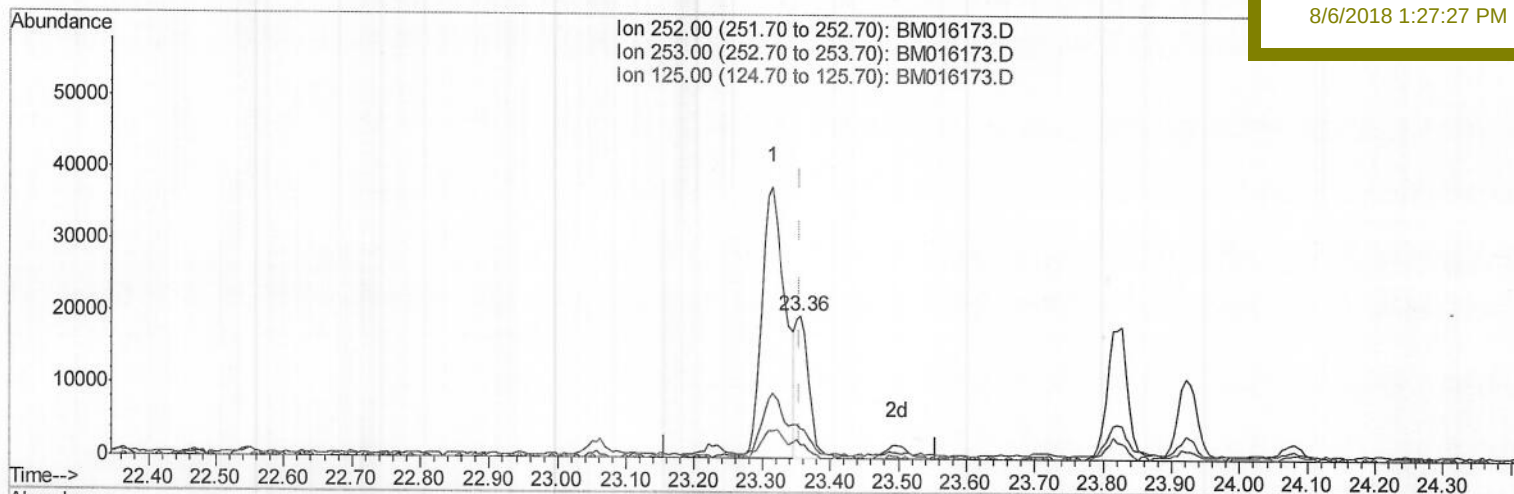
C0AB7

Manual Integrations

APPROVED

Sohil

8/6/2018 1:27:27 PM



TIC: BM016173.D

(88) Benzo(k)fluoranthene

23.357min (+0.000) 2.45ng/ul 2508/13/18

response 27075

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.24
125.00	10.20	9.58
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\

Data File : BM016173.D

Acq On : 03 Aug 2018 11:02

Operator : SJ/JU

Sample : J4178-01

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 07:57:52 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 07 17:33:40 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

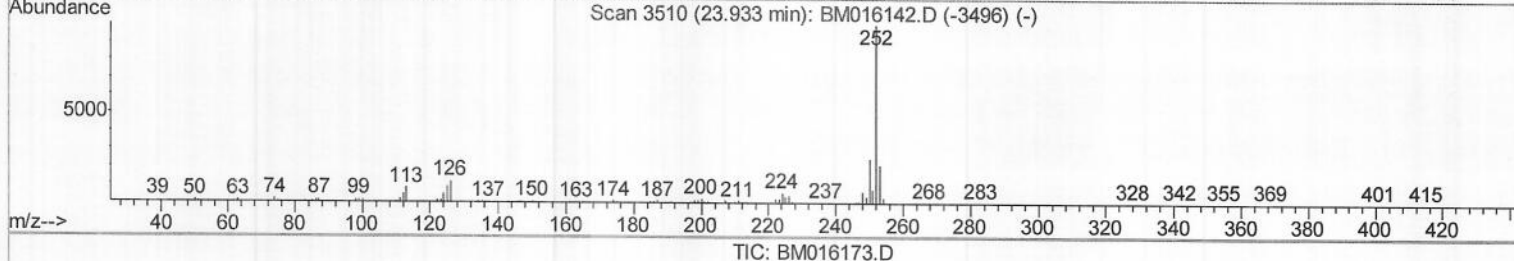
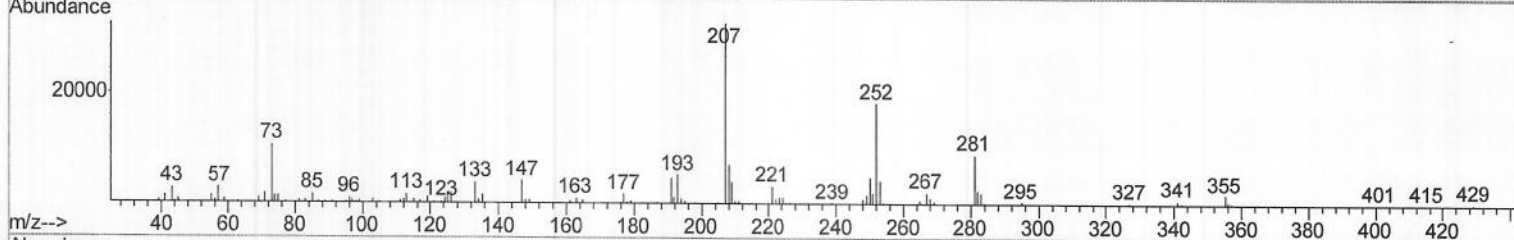
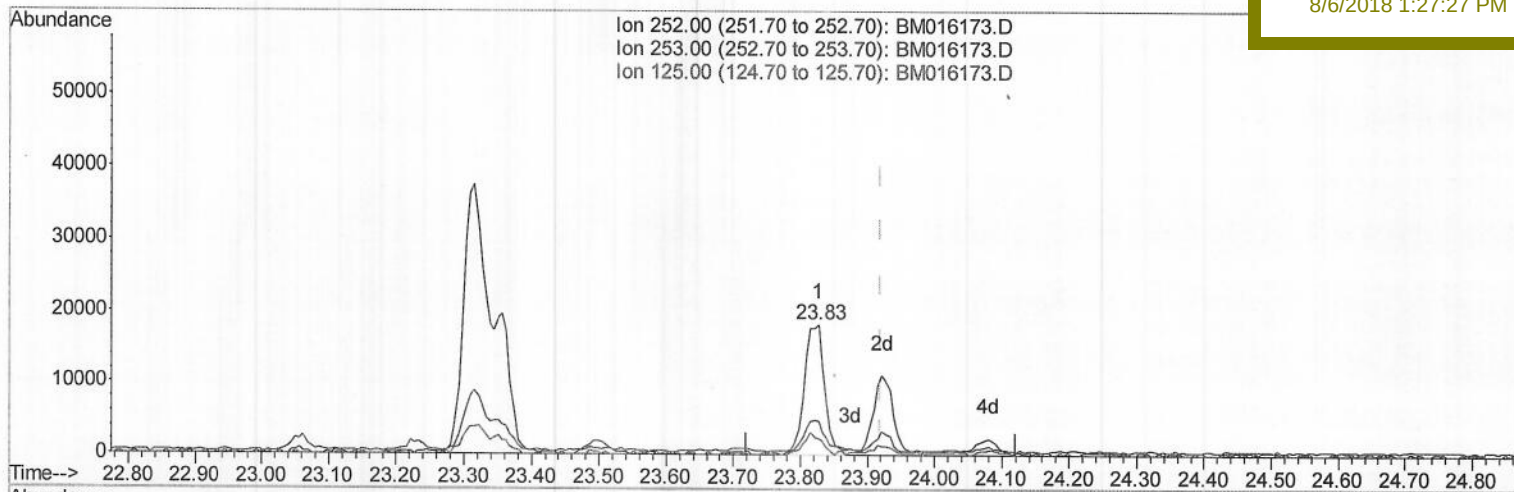
C0AB7

Manual Integrations

APPROVED

Sohil

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(90) Benzo(a)pyrene (C)

23.827min (-0.094) 3.44ng/ul

response 38170

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	24.91
125.00	11.30	12.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\

Data File : BM016173.D

Acq On : 03 Aug 2018 11:02

Operator : SJ/JU

Sample : J4178-01

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 12:45:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Aug 04 01:03:47 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

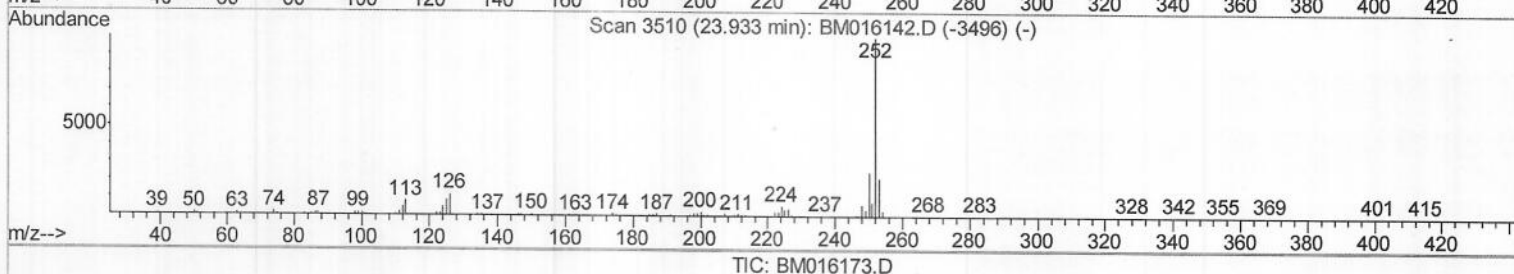
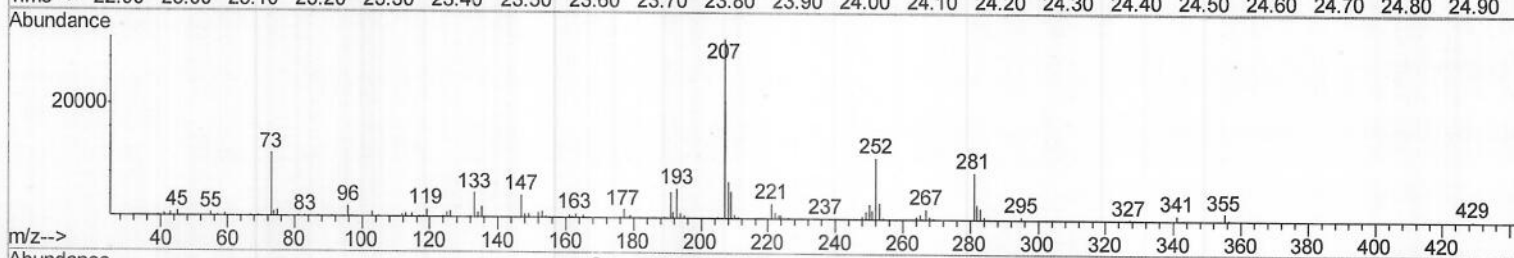
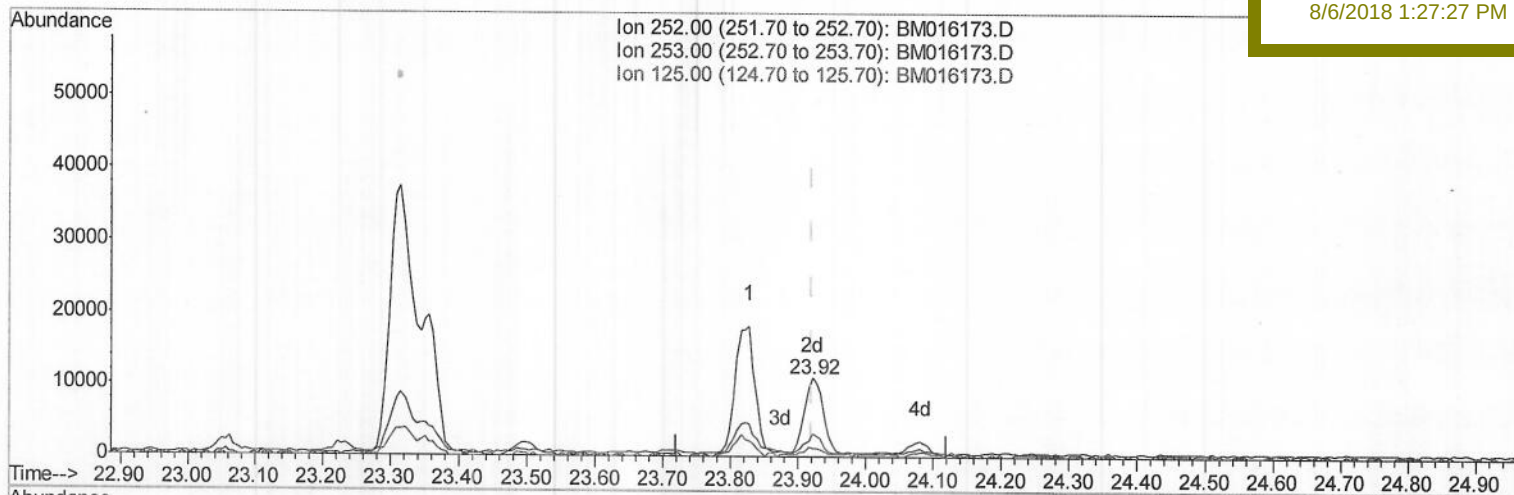
C0AB7

Manual Integrations

APPROVED

Sohil

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(90) Benzo(a)pyrene (C)

23.921min (+0.000) 1.93ng/ul m) 5508/13/18

response 21403

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	28.69#
125.00	11.30	10.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
 Data File : BM016173.D
 Acq On : 03 Aug 2018 11:02
 Operator : SJ/JU
 Sample : J4178-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB7

Quant Time: Aug 06 12:45:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 04 01:03:47 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	39182	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	166672	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	83697	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	164191m)	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	170497	20.00	ng/ul	0.00
85) Perylene-d12	24.02	264	179944	20.00	ng/ul	0.00

SS 08/13/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.46	96	2570	2.89	ng/uL	0.00
5) Phenol-d5	7.35	99	40681	11.36	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.51	67	29427	13.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	39561	13.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	35143	11.46	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	17291	14.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	19484	14.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	34186	12.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	42702	13.32	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	109985	14.42	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	129805	14.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	4469m)	3.38	ng/ul	0.04
57) Fluorene-d10	15.80	176	88231	13.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	4957	4.52	ng/ul	0.00
70) Anthracene-d10	17.65	188	127236	15.14	ng/ul	0.00
78) Pyrene-d10	19.91	212	137862	17.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.87	264	156886	15.85	ng/ul	0.00

SS 08/13/18

Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Ovalue
6) Phenol	7.38	94	28699	7.982	ng/ul#	58	
11) 2-Methylphenol	8.66	108	5261m)	1.903	ng/ul		
16) 4-Methylphenol	8.98	108	25296	8.283	ng/ul	94	
44) Dimethylphthalate	14.27	163	24014	3.178	ng/ul	97	
76) Fluoranthene	19.57	202	82489m)	6.771	ng/ul		
79) Pyrene	19.94	202	80797	8.039	ng/ul#	94	
82) Benzo(a)anthracene	21.66	228	24540	2.226	ng/ul	97	
83) Bis(2-ethylhexyl)phthalate	21.54	149	9137	1.289	ng/ul#	97	
84) Chrysene	21.71	228	82815	8.032	ng/ul	98	
87) Benzo(b)fluoranthene	23.32	252	88086	7.631	ng/ul	97	
88) Benzo(k)fluoranthene	23.36	252	27075m)	2.454	ng/ul		
90) Benzo(a)pyrene	23.92	252	21403m)	1.928	ng/ul		
91) Indeno(1,2,3-cd)pyrene	26.43	276	19711	1.444	ng/ul#	86	

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