

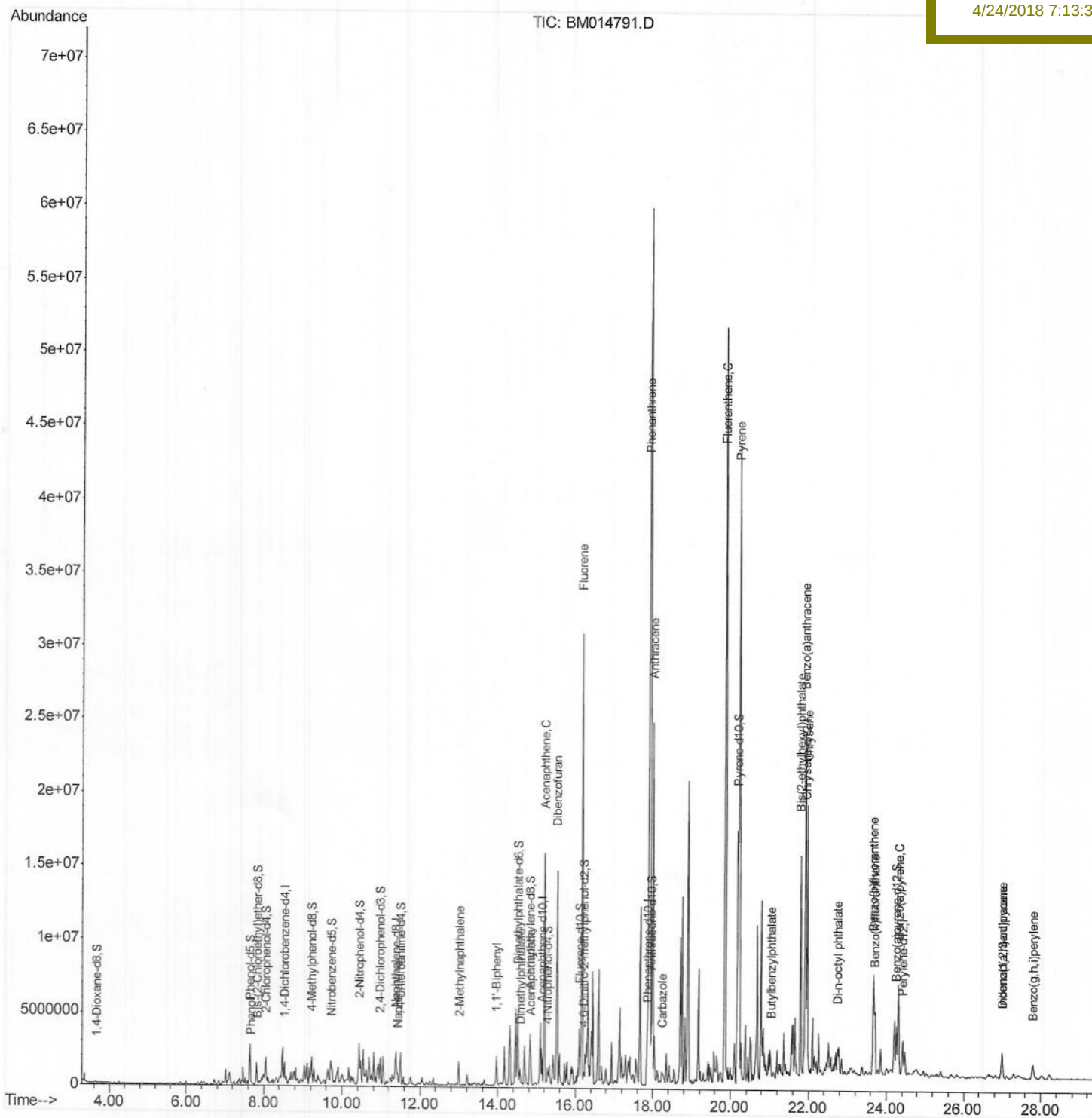
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014791.D
Acq On : 24 Apr 2018 00:16
Operator : SJ/JU
Sample : J2431-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 18:27:39 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
DASN9

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:33 PM



Quantitation Report (Qedit)

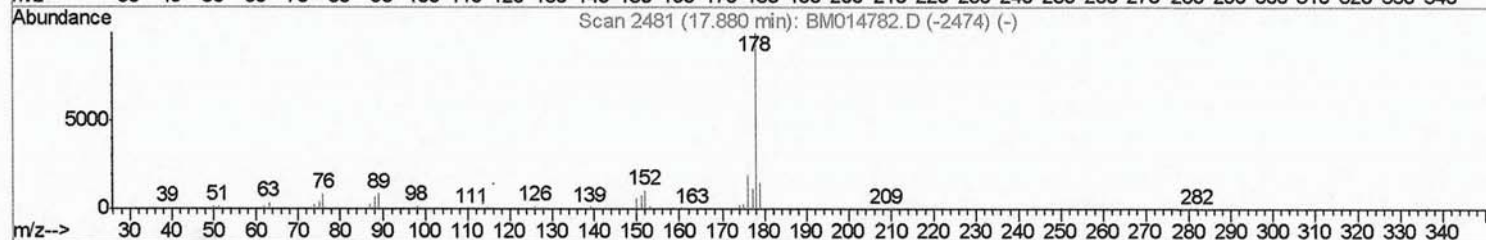
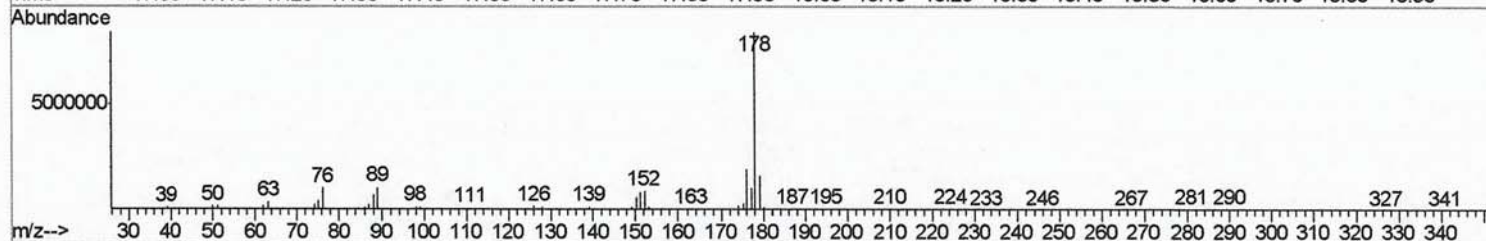
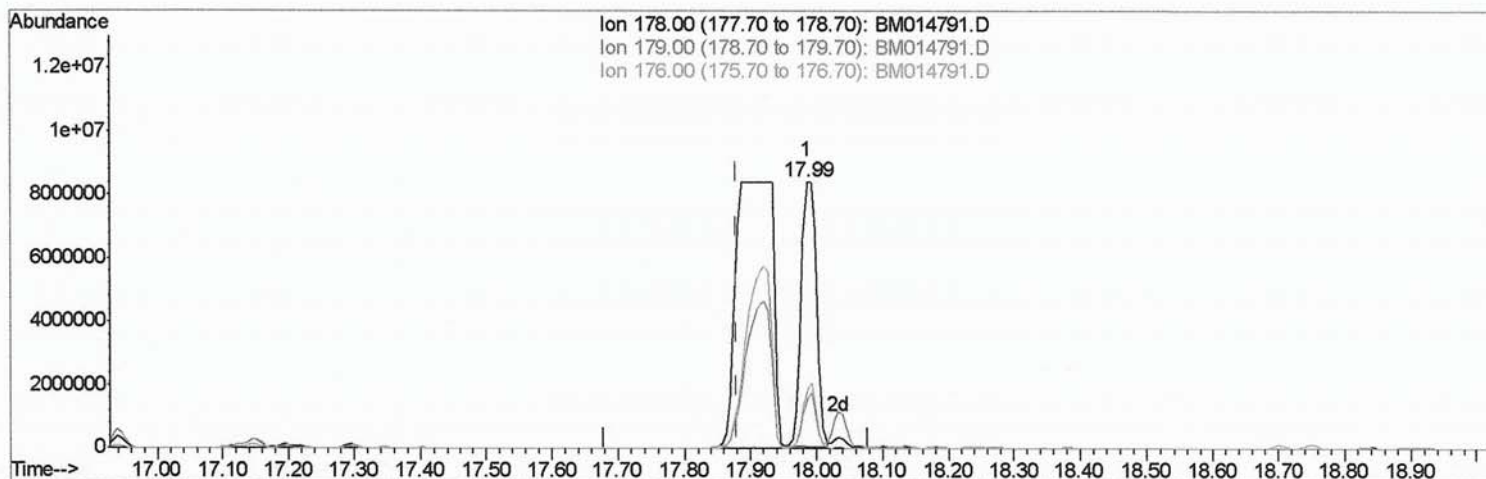
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014791.D
 Acq On : 24 Apr 2018 00:16
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASN9

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:33 PM

Quant Time: Apr 24 02:17:57 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014791.D

(69) Phenanthrene

17.986min (+0.106) 146.05ng/ul

response 13427354

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	19.32#
176.00	18.60	22.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

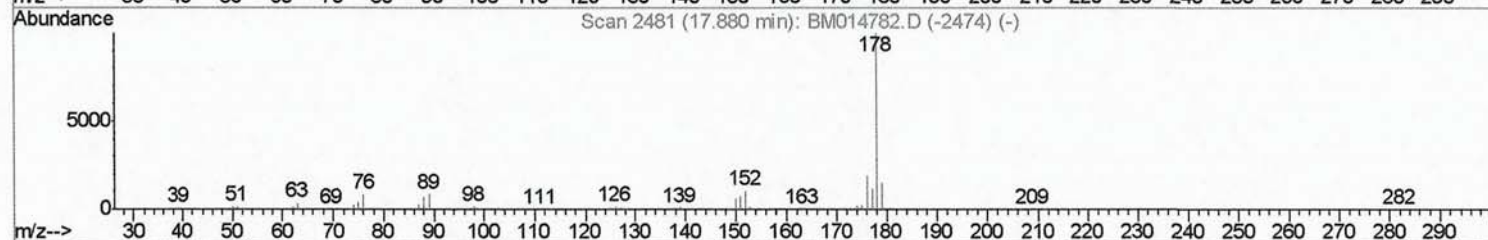
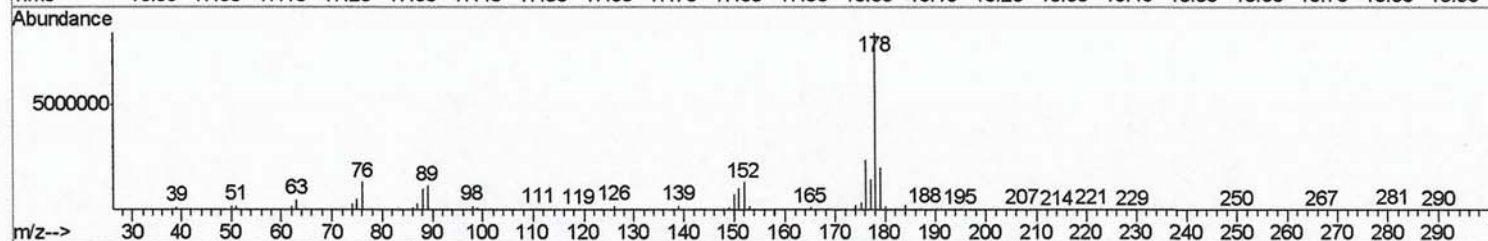
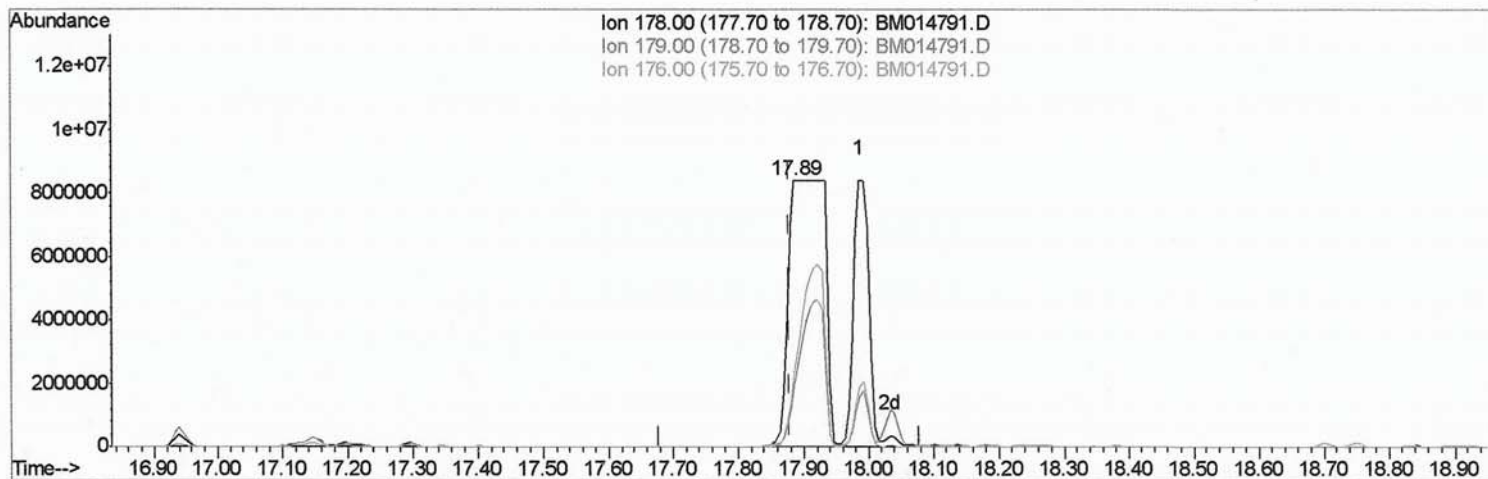
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014791.D
 Acq On : 24 Apr 2018 00:16
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Sohil
 4/24/2018 7:13:33 PM

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TIC: BM014791.D

(69) Phenanthrene

17.886min (+0.006) 349.49ng/ul m > SJ 4/24/18

response 32130215

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	23.69#
176.00	18.60	28.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

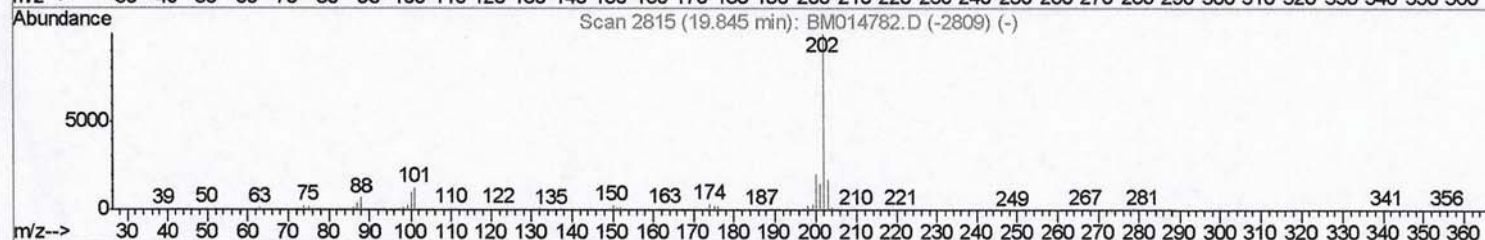
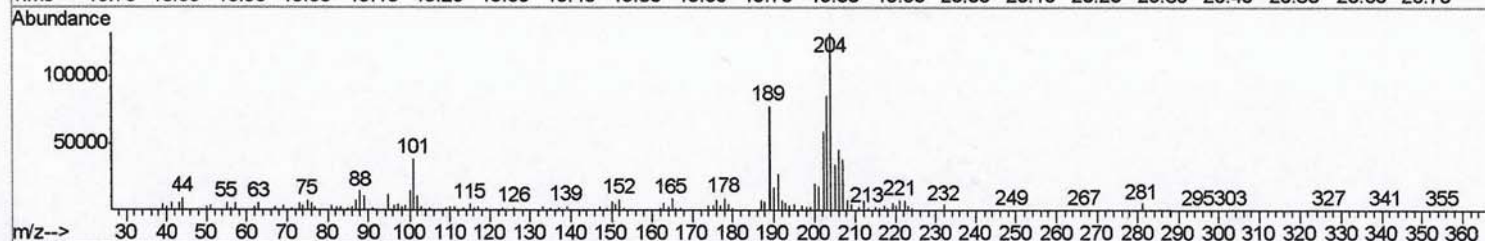
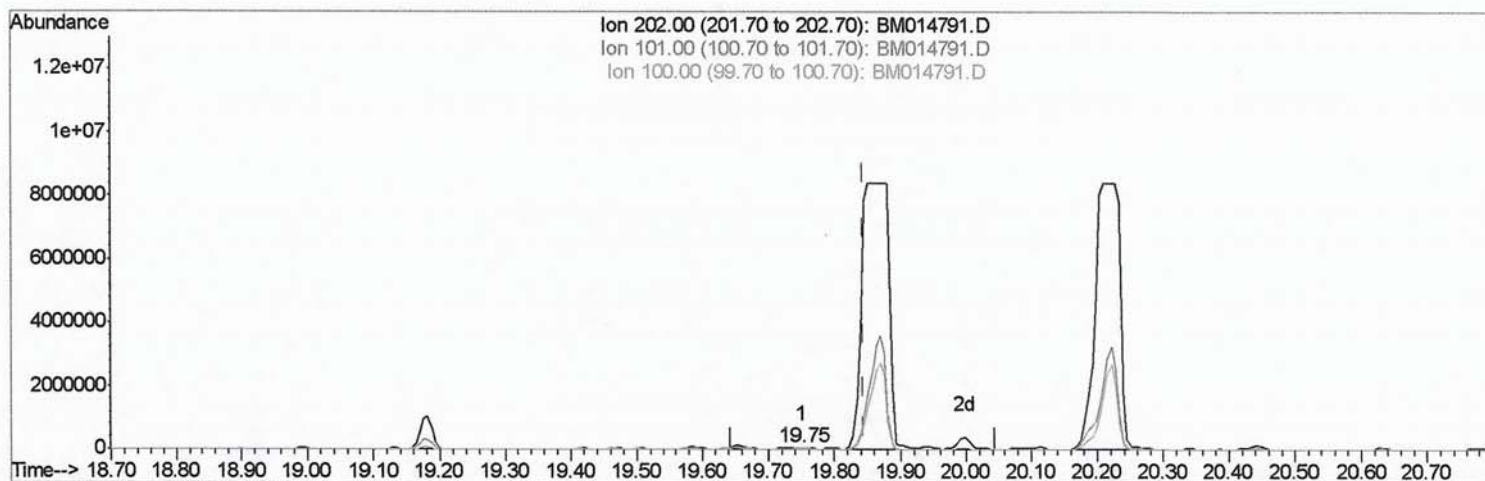
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014791.D
Acq On : 24 Apr 2018 00:16
Operator : SJ/JU
Sample : J2431-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:33 PM

Quant Time: Apr 24 02:17:57 2018
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TIC: BM014791.D

(74) Fluoranthene (C)

19.751min (-0.094) 1.06ng/ul

response 106322

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	65.67#
100.00	4.30	25.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

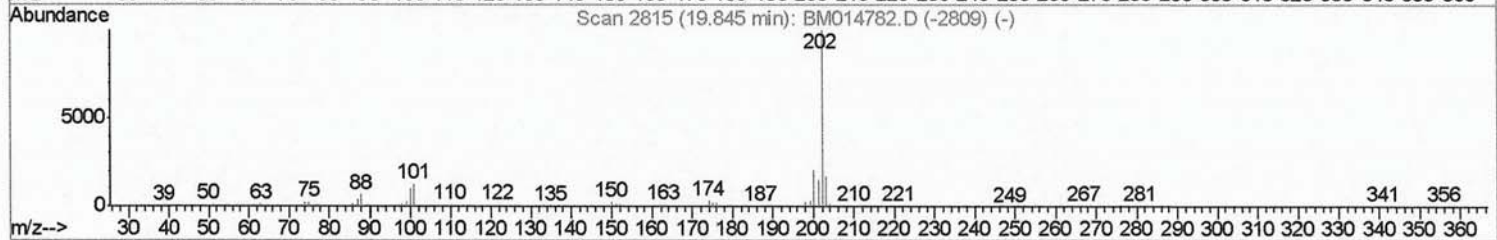
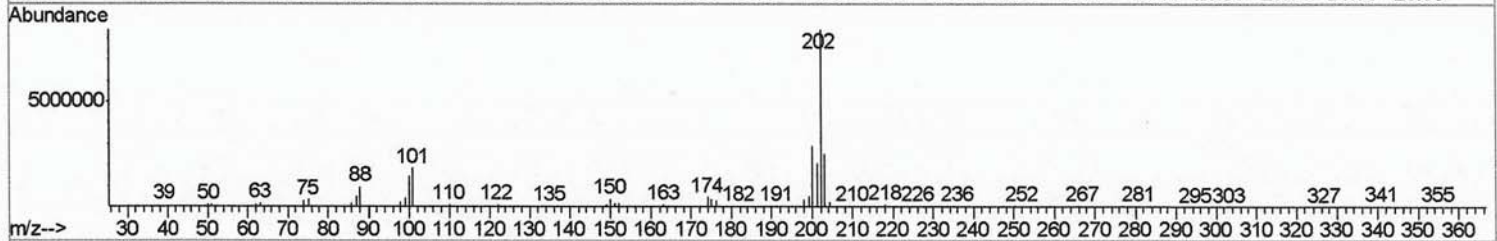
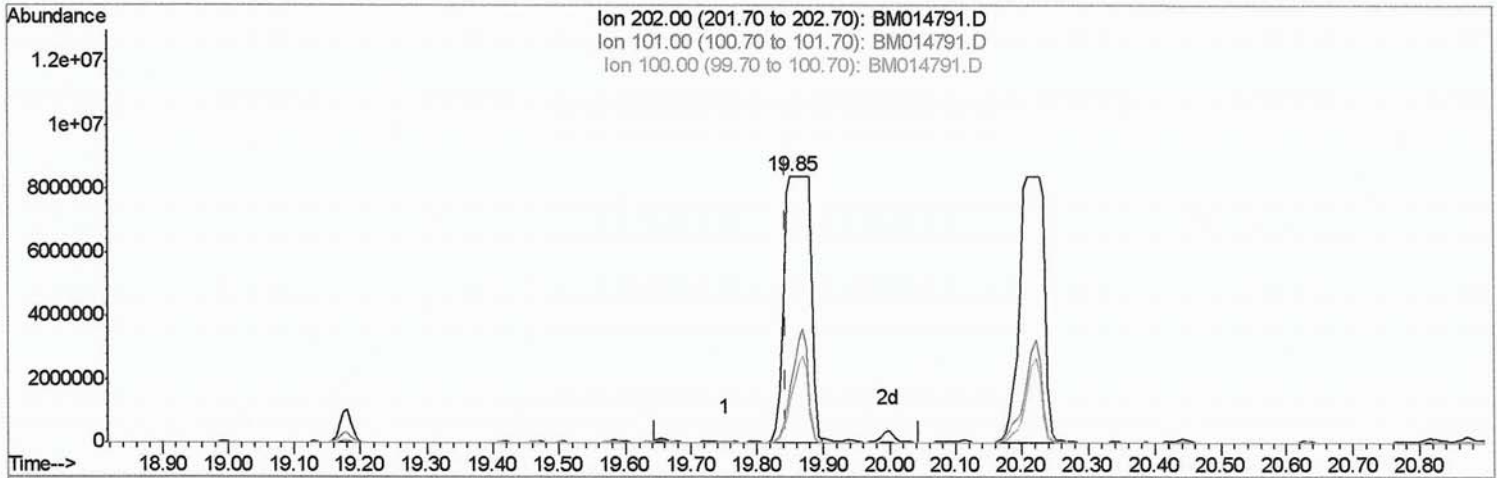
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014791.D
 Acq On : 24 Apr 2018 00:16
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASN9

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:33 PM

Quant Time: Apr 24 02:17:57 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration



TIC: BM014791.D

(74) Fluoranthene (C)

19.851min (+0.006) 234.17ng/ul,m } SJ 4/24/18

response 23471357

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	21.71#
100.00	4.30	16.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

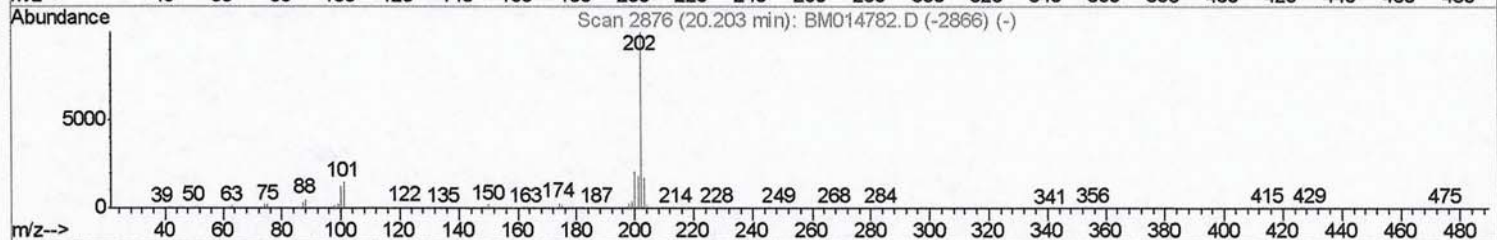
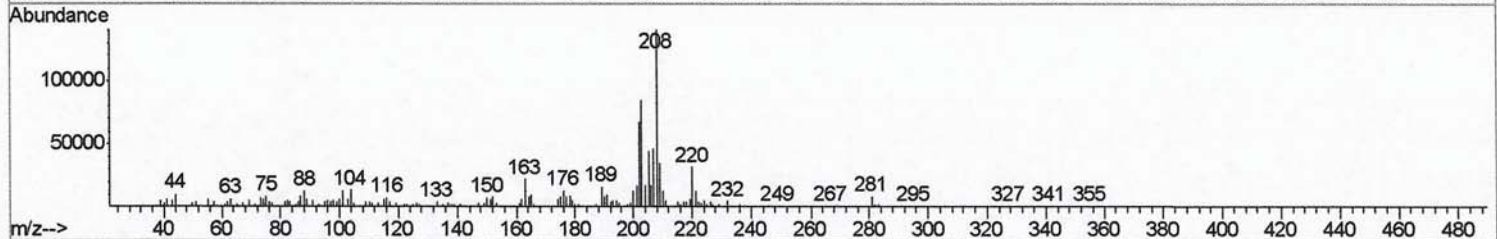
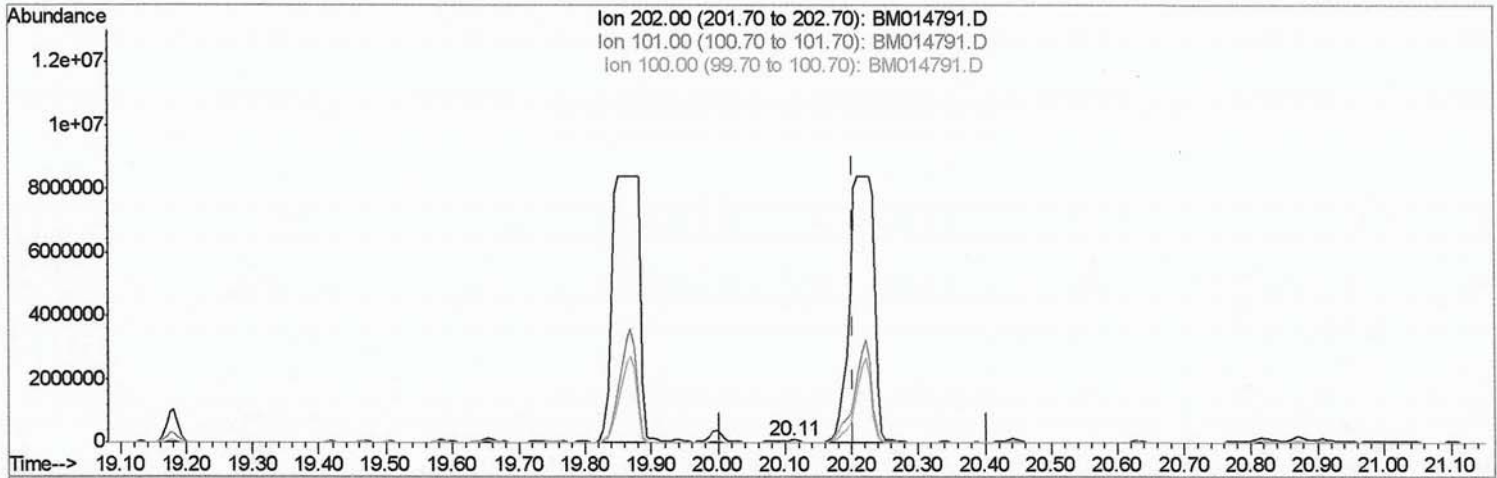
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014791.D
 Acq On : 24 Apr 2018 00:16
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
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TIC: BM014791.D

(77) Pyrene

20.110min (-0.094) 1.01ng/ul

response 104346

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	19.51#
100.00	6.10	9.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

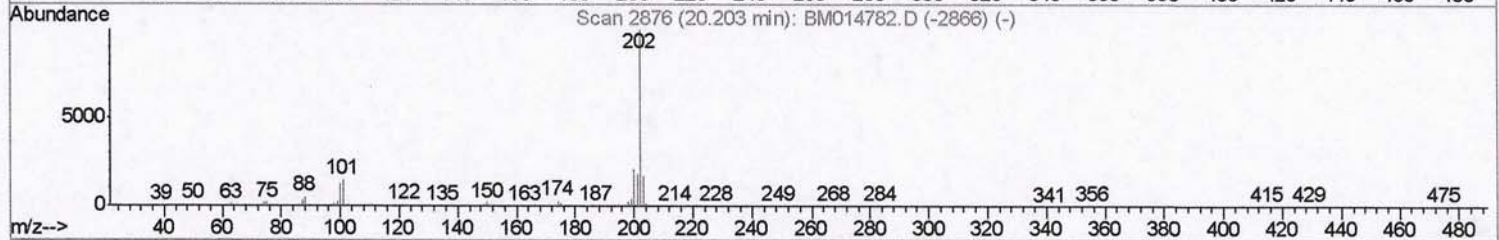
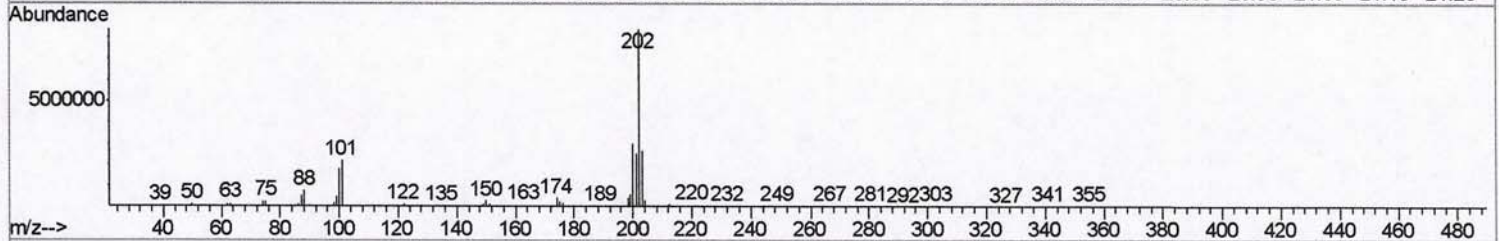
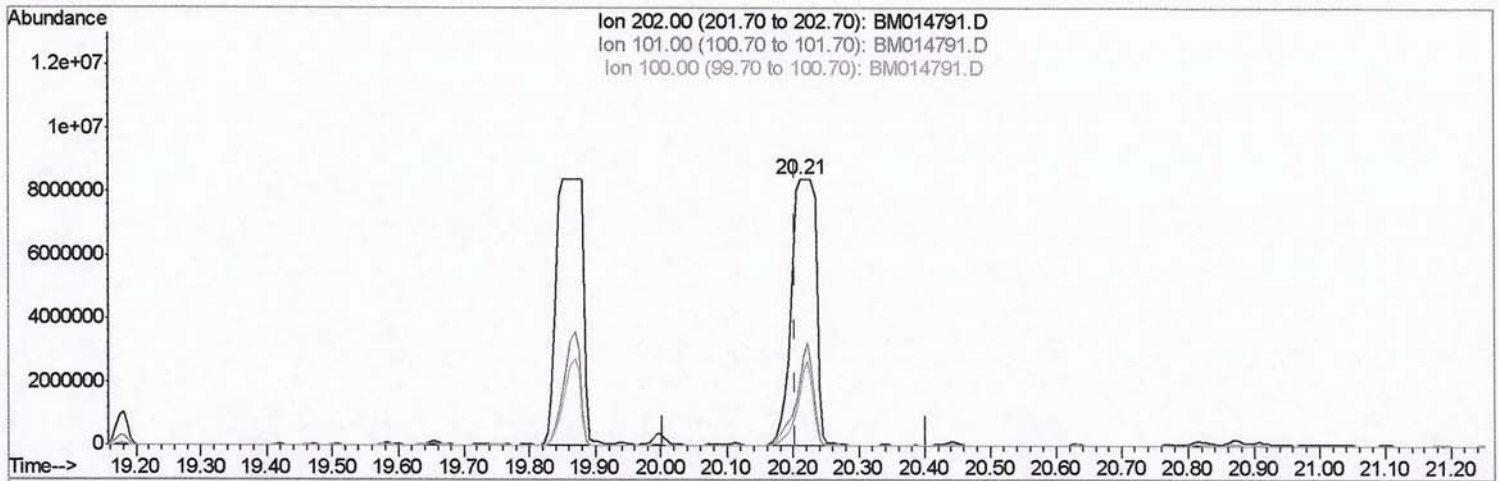
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014791.D
 Acq On : 24 Apr 2018 00:16
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DASN9

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:33 PM

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 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
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TIC: BM014791.D

(77) Pyrene

20.210min (+0.006) 211.15ng/ul m) SJ 4/24/18

response 21789991

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	25.93#
100.00	6.10	21.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

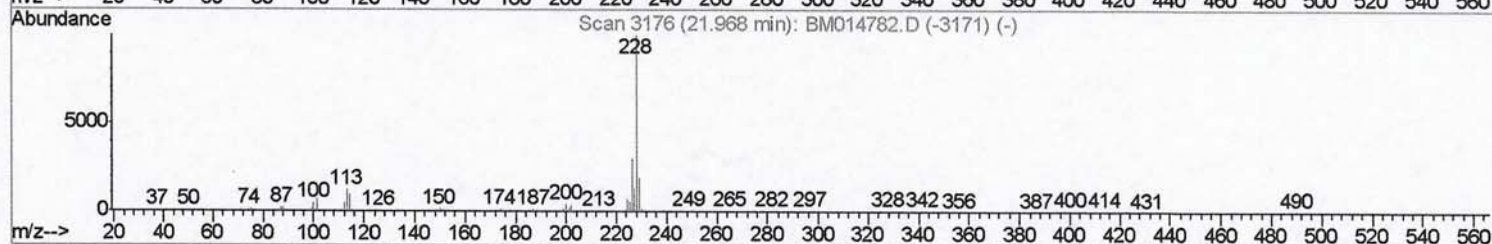
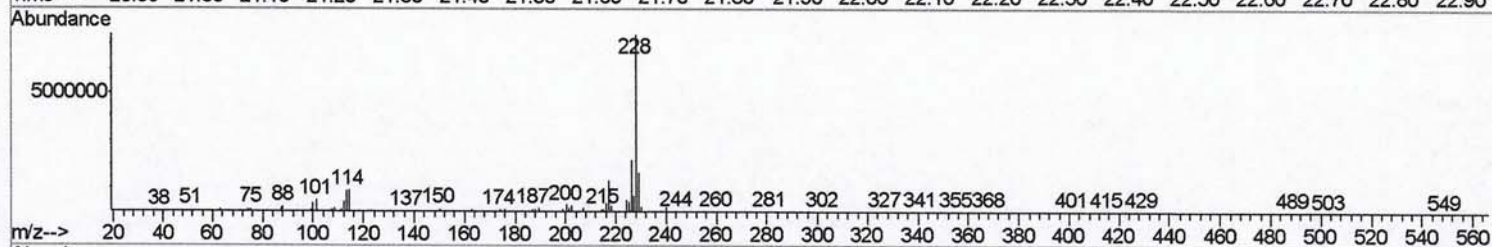
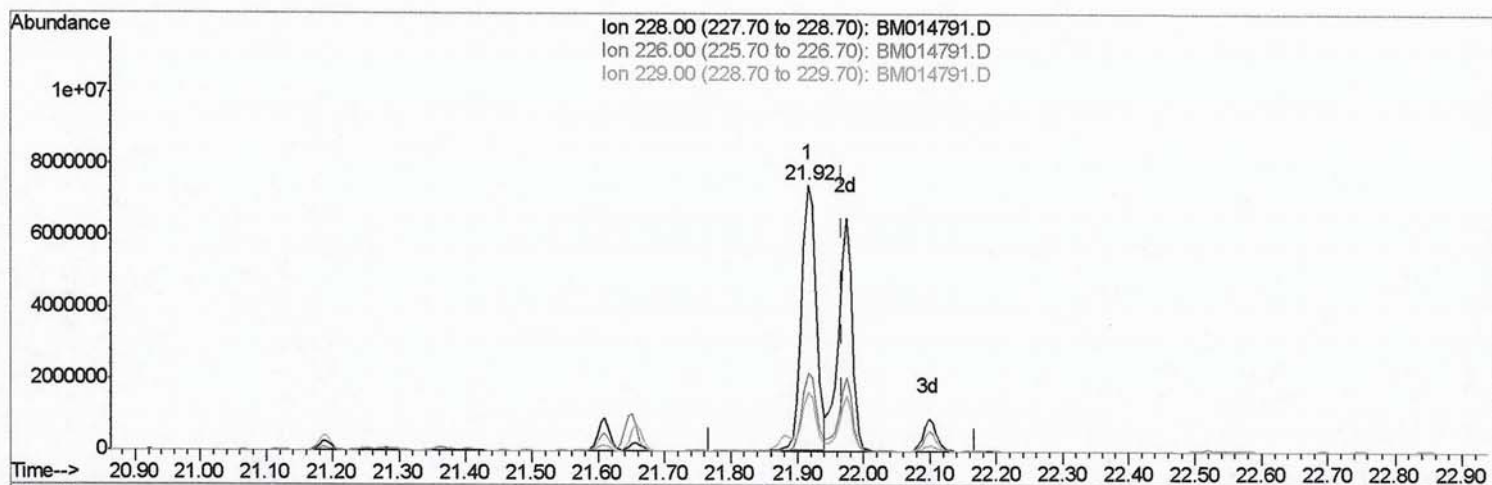
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014791.D
Acq On : 24 Apr 2018 00:16
Operator : SJ/JU
Sample : J2431-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASN9

Manual Integrations
APPROVED

Sohil
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TIC: BM014791.D

(82) Chrysene

21.916min (-0.053) 118.40ng/ul

response 11448060

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	29.46
229.00	19.40	22.27
0.00	0.00	0.00

Quantitation Report (Qedit)

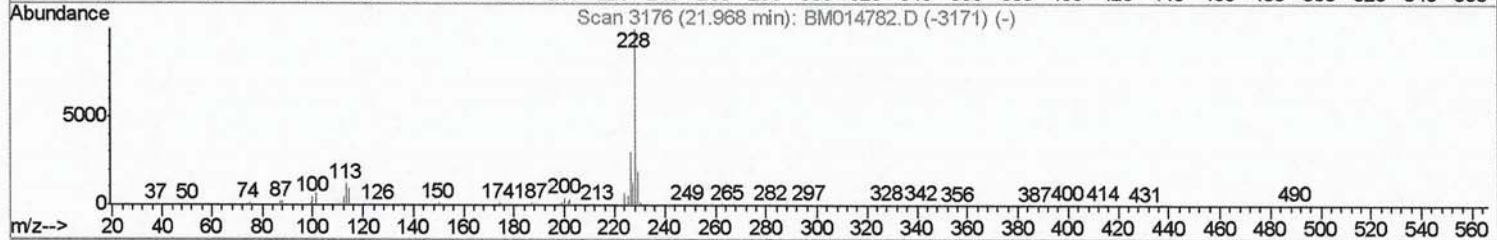
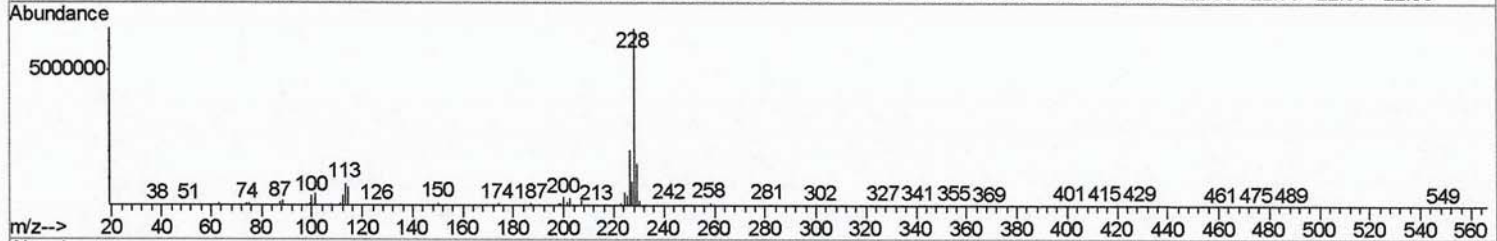
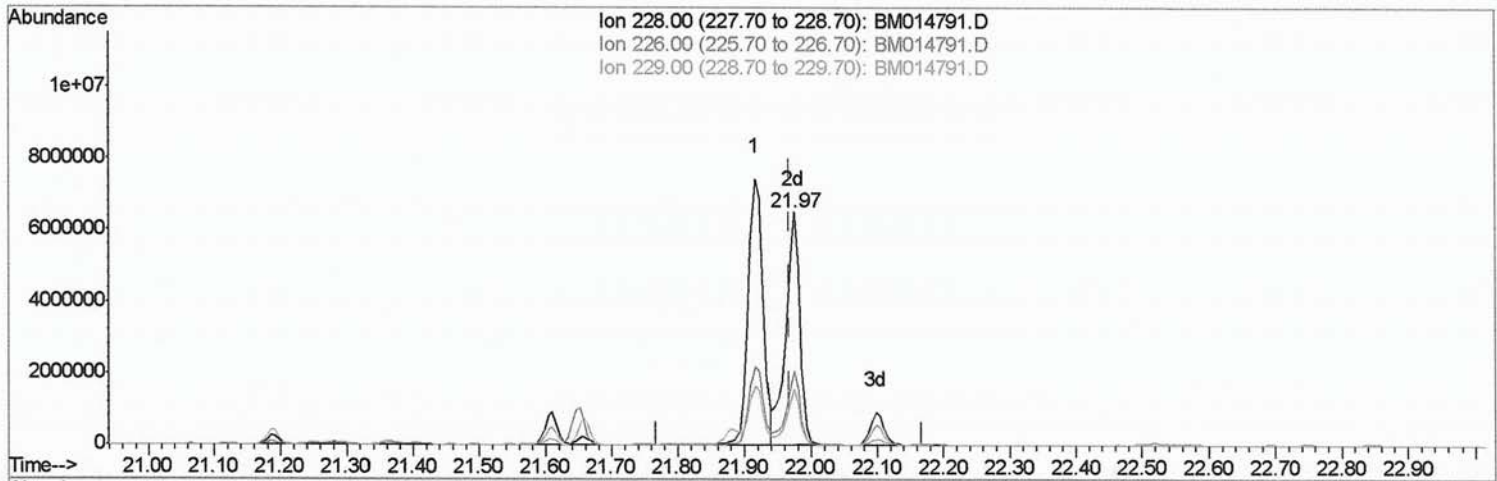
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014791.D
 Acq On : 24 Apr 2018 00:16
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASN9

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:33 PM

Quant Time: Apr 24 02:17:57 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
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 QLast Update : Tue Apr 24 02:13:13 2018
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TIC: BM014791.D

(82) Chrysene

21.974min (+0.006) 98.26ng/ul m> SJ 4/24/18

response 9500760

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	31.55
229.00	19.40	23.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

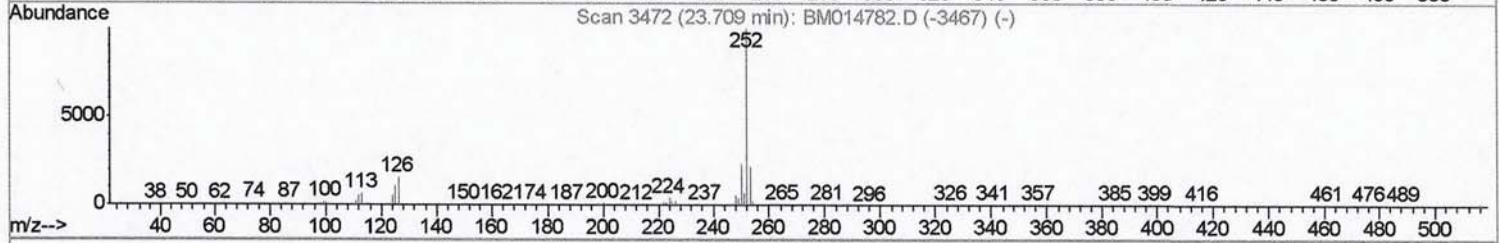
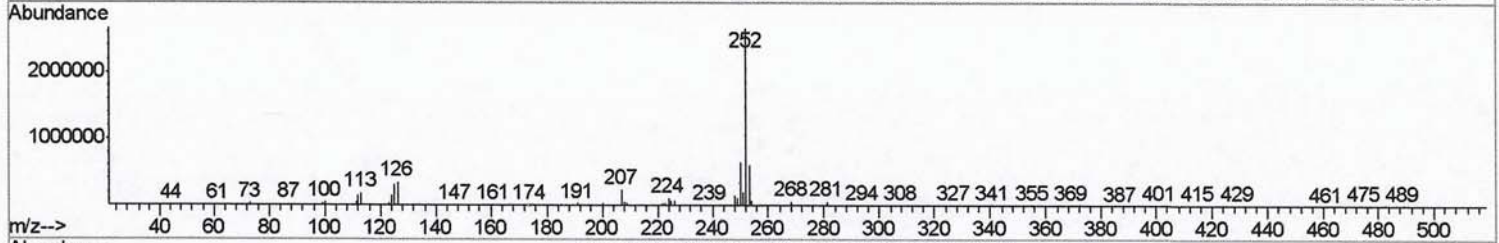
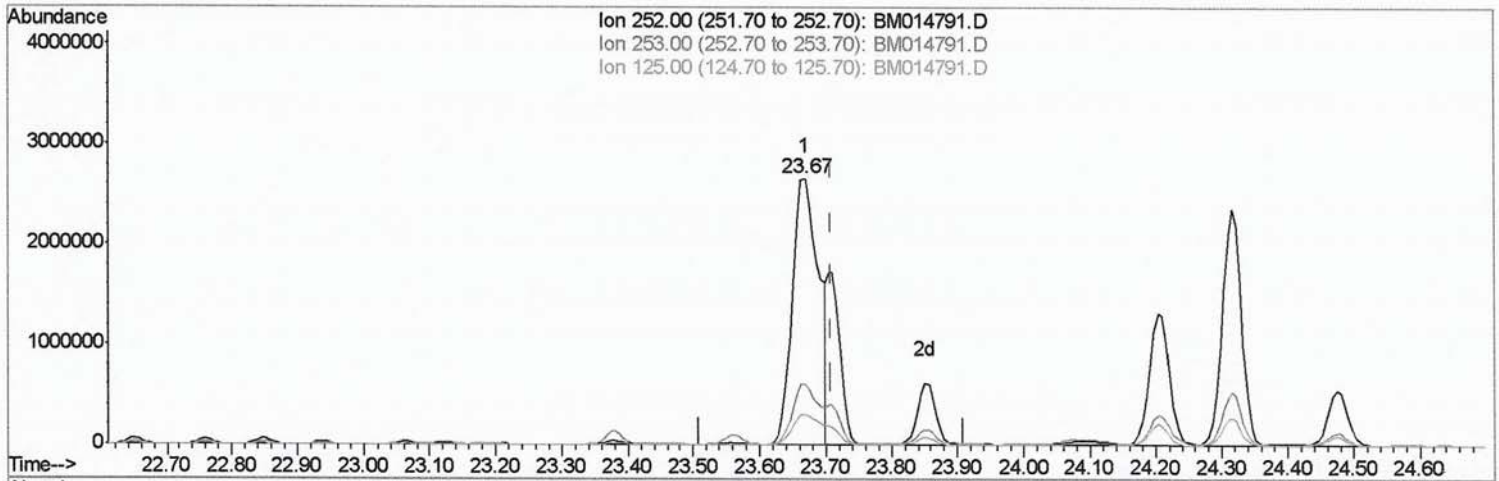
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014791.D
 Acq On : 24 Apr 2018 00:16
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:33 PM

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TIC: BM014791.D

(86) Benzo(k)fluoranthene
 23.668min (-0.041) 71.69ng/ul
 response 7308953

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.79
125.00	4.30	11.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

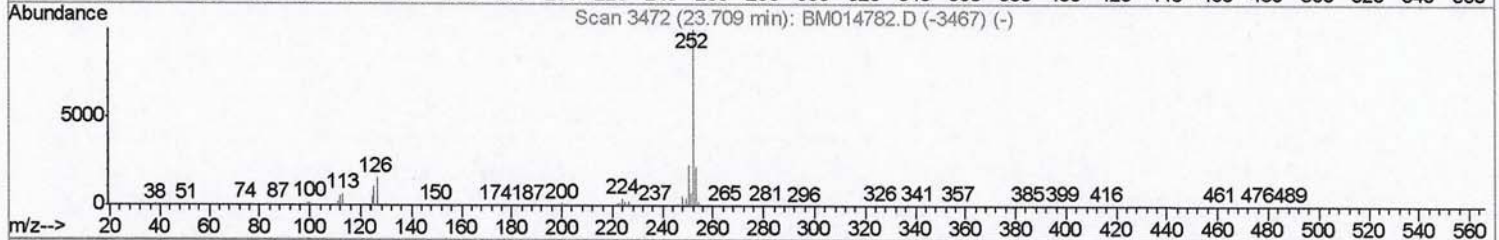
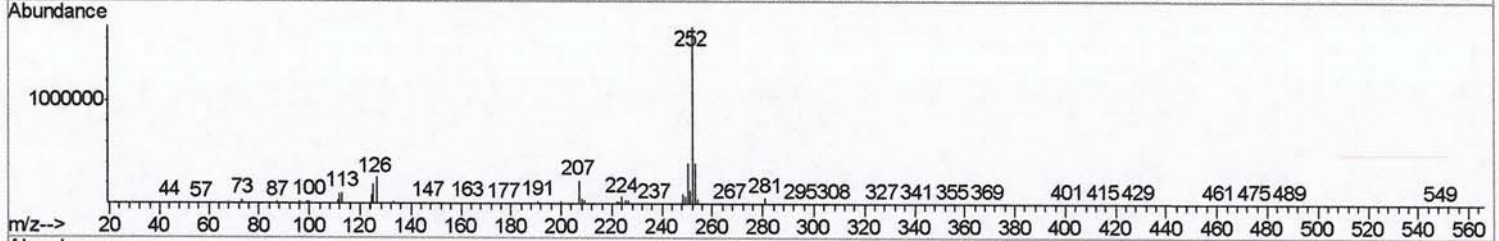
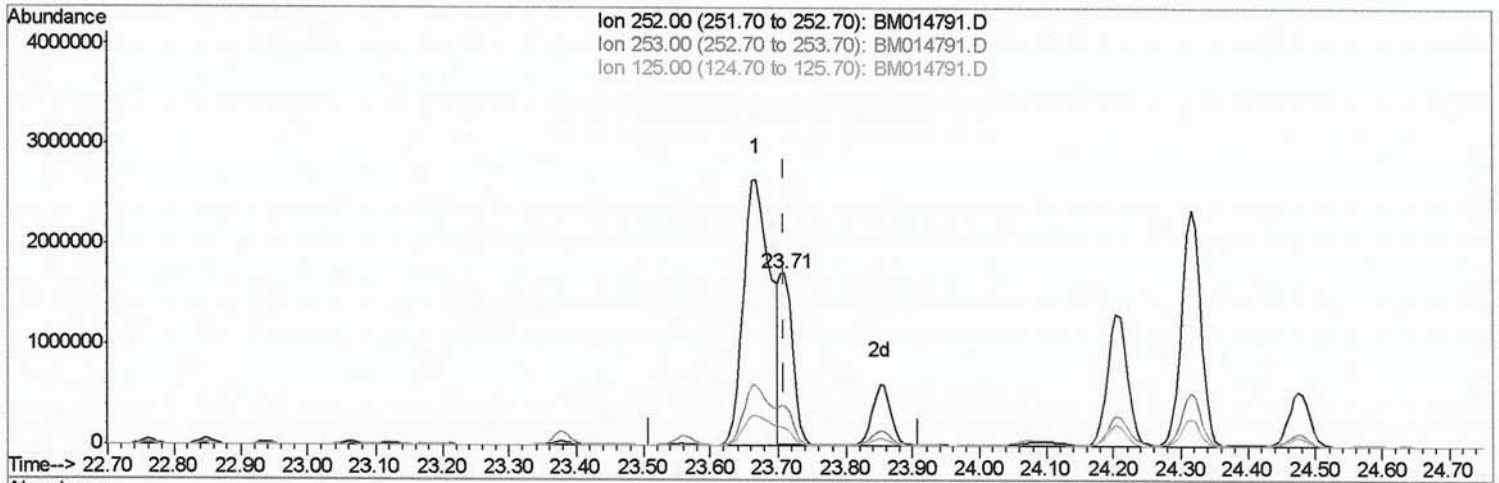
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014791.D
 Acq On : 24 Apr 2018 00:16
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:33 PM

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TIC: BM014791.D

(86) Benzo(k)fluoranthene

23.710min (+0.000) 22.69ng/ul m) SJ 4/24/18

response 2313816

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.17
125.00	4.30	10.69#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
 Data File : BM014791.D
 Acq On : 24 Apr 2018 00:16
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
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Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:33 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	393947	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1610452	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	832483	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	1711856	20.00	ng/ul	0.01
75) Chrysene-d12	21.93	240	1766243	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1798602	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	46640	5.17	ng/uL	0.00
5) Phenol-d5	7.65	99	868677	28.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	592408	30.33	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	718099	28.19	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	658791	27.13	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	338990	29.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	360056	31.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.98	165	630834	26.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	843306	36.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1802955	27.74	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	2214060	27.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	266372	22.09	ng/ul	0.00
57) Fluorene-d10	16.10	176	1550125	27.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	156588	16.90	ng/ul	0.02
70) Anthracene-d10	17.96	188	2227728	27.92	ng/ul	0.02
76) Pyrene-d10	20.18	212	2468166	29.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	2667684	30.19	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.68	94	53403	1.782	ng/ul#	84
28) Naphthalene	11.42	128	178865	2.279	ng/ul#	93
34) 2-Methylnaphthalene	12.99	142	761238	13.968	ng/ul	97
40) 1,1'-Biphenyl	13.97	154	973222	14.538	ng/ul#	97
44) Dimethylphthalate	14.56	163	335219	5.336	ng/ul	99
47) Acenaphthylene	14.86	152	355098	4.568	ng/ul#	88
49) Acenaphthene	15.20	153	5825148	105.433	ng/ul	98
53) Dibenzofuran	15.52	168	8682580	113.170	ng/ul	99
58) Fluorene	16.17	166	14274478	230.418	ng/ul#	97
69) Phenanthrene	17.89	178	32130215m	349.492	ng/ul	
71) Anthracene	17.99	178	13427354	143.914	ng/ul#	89
72) Carbazole	18.23	167	299399	3.762	ng/ul	92
74) Fluoranthene	19.85	202	23471357m	234.170	ng/ul	
77) Pyrene	20.21	202	21789991m	211.148	ng/ul	
78) Butylbenzylphthalate	21.04	149	160261	3.807	ng/ul	93
80) Benzo(a)anthracene	21.92	228	11448060	110.838	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.79	149	4903846	79.352	ng/ul#	98
82) Chrysene	21.97	228	9500760m	98.258	ng/ul	
84) Di-n-octyl phthalate	22.75	149	254341	2.459	ng/ul#	87
85) Benzo(b)fluoranthene	23.67	252	7308953	68.935	ng/ul#	96
86) Benzo(k)fluoranthene	23.71	252	2313816m	22.694	ng/ul	
88) Benzo(a)pyrene	24.32	252	4708086	46.812	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.00	276	1658998	13.635	ng/ul#	90

SJ 4/27/18

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014791.D
Acq On : 24 Apr 2018 00:16
Operator : SJ/JU
Sample : J2431-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 18:27:39 2018
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Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	27.00	278	481299	4.698	ng/ul#	92
91) Benzo(g,h,i)perylene	27.80	276	1183448	11.823	ng/ul#	91

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