

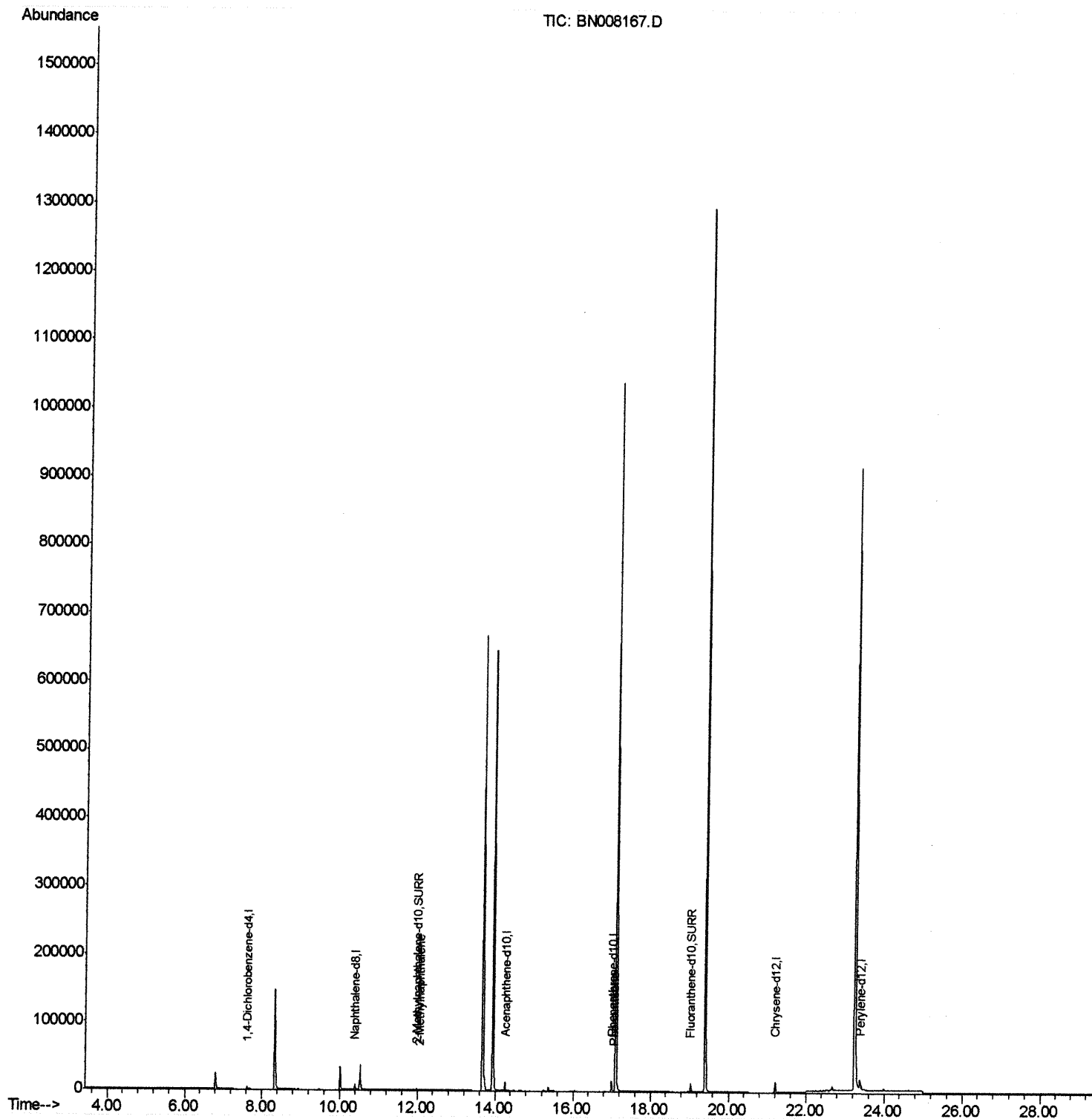
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008167.D
Acq On : 15 Oct 2019 11:28
Operator : JU
Sample : K5097-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMF5

Manual Integrations
APPROVED

mohammad
10/16/2019 4:07:31 PM

Quant Time: Oct 15 15:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:12:58 2019
Response via : Initial Calibration



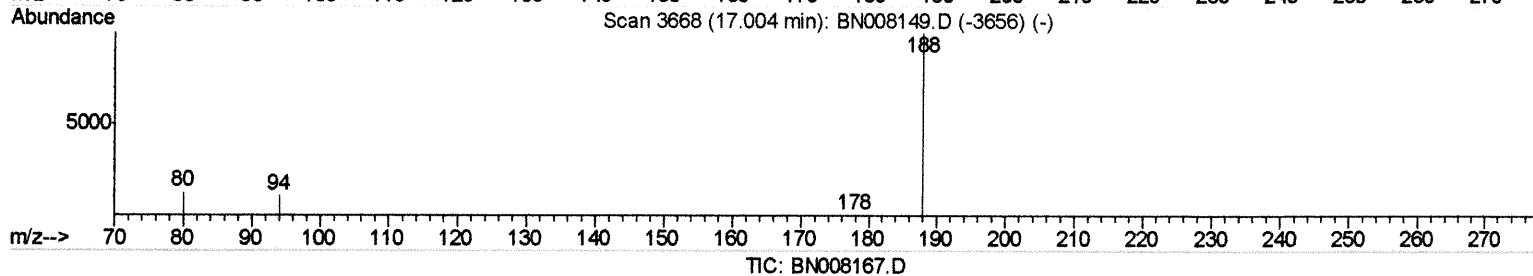
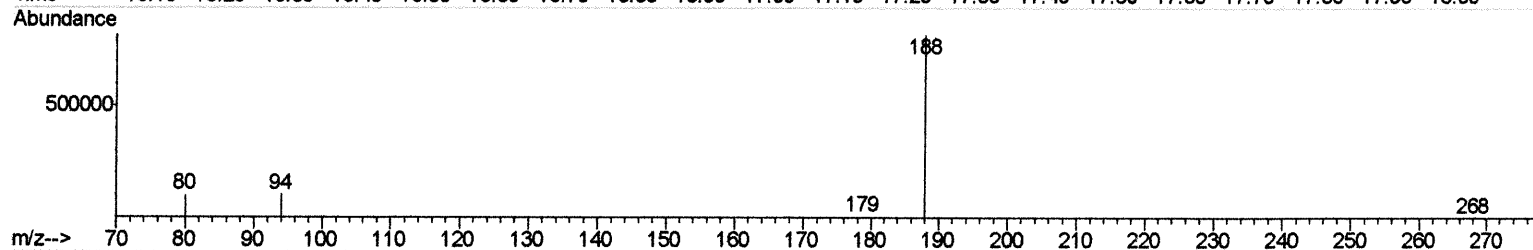
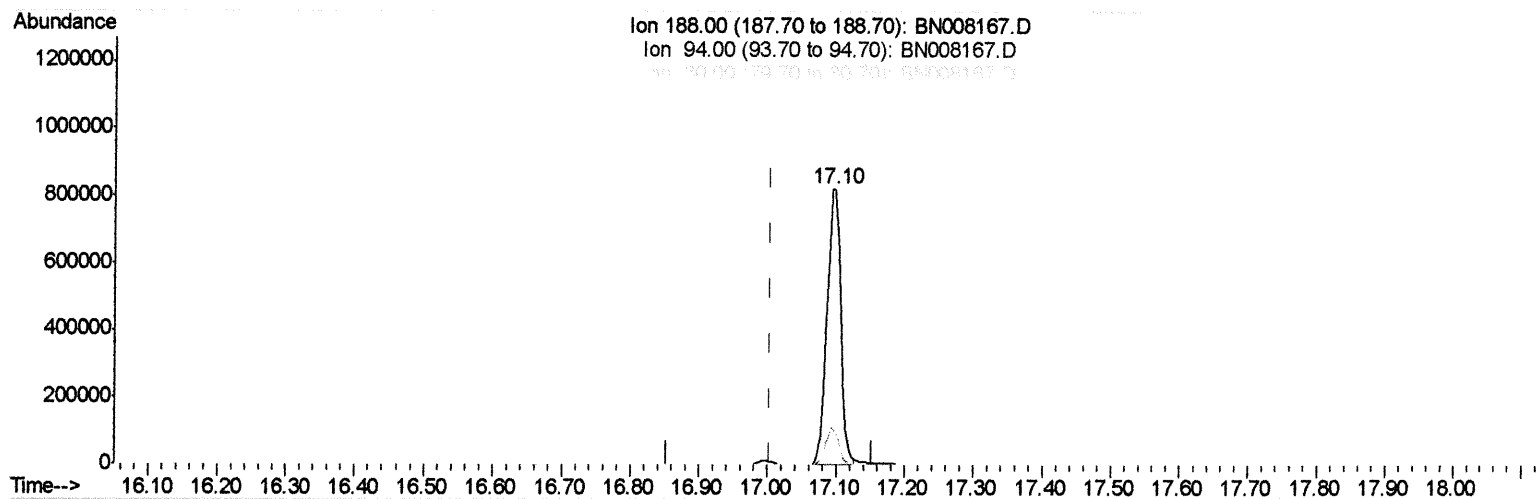
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Quant Time: Oct 15 15:25:57 2019
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(10) Phenanthrene-d10 (I)

17.097min (+0.093) 0.40ng/ui

response 1138787

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.30
80.00	12.60	11.98
0.00	0.00	0.00

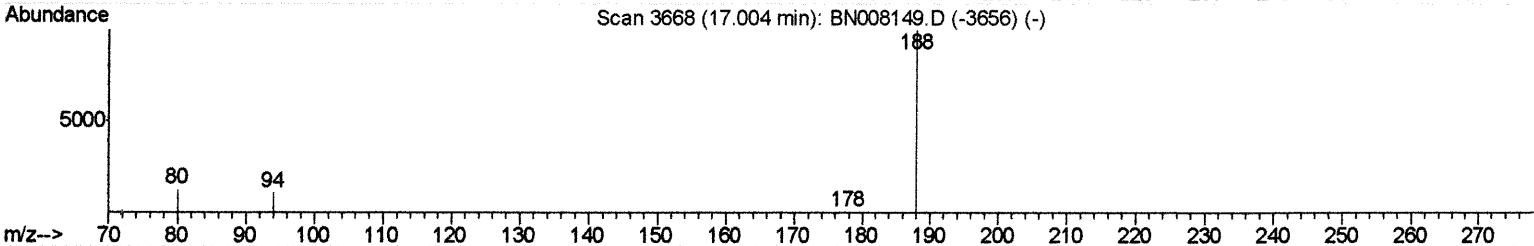
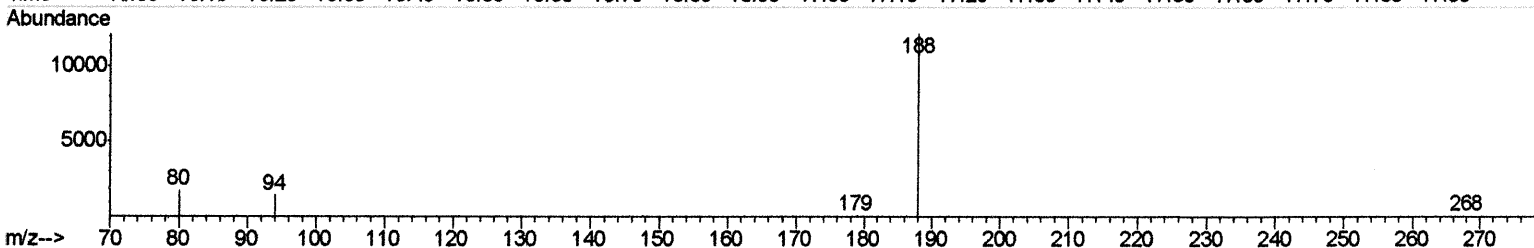
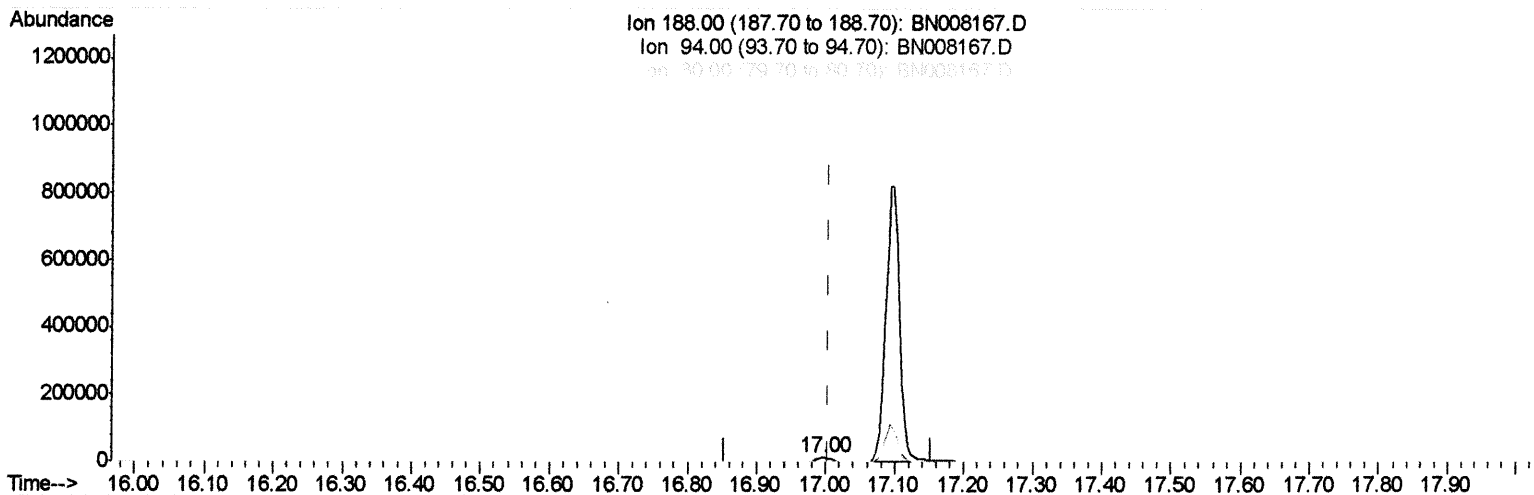
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
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Manual Integrations
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TIC: BN008167.D

(10) Phenanthrene-d10 (I)

16.996min (-0.008) 0.40ng/ul m₁JU 10/16/19

response 17440

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.89
80.00	12.60	14.24
0.00	0.00	0.00

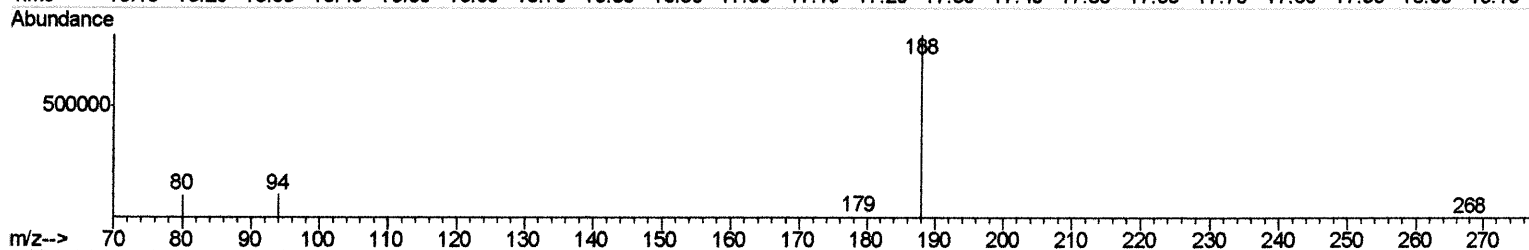
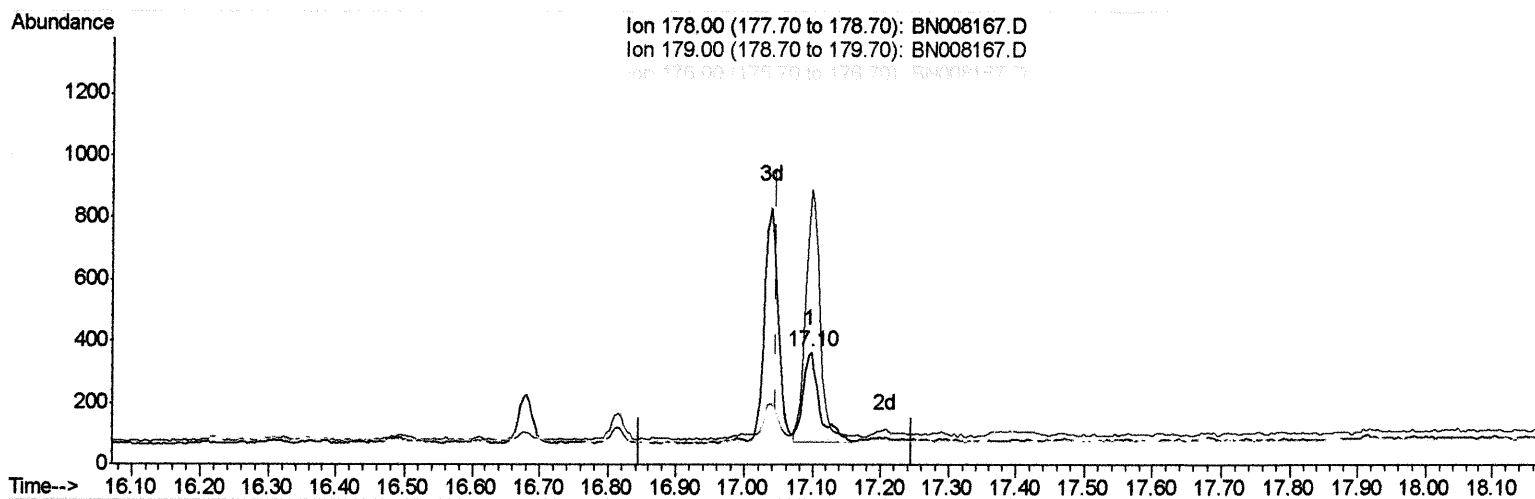
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Sample : K5097-17
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ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JLMF5

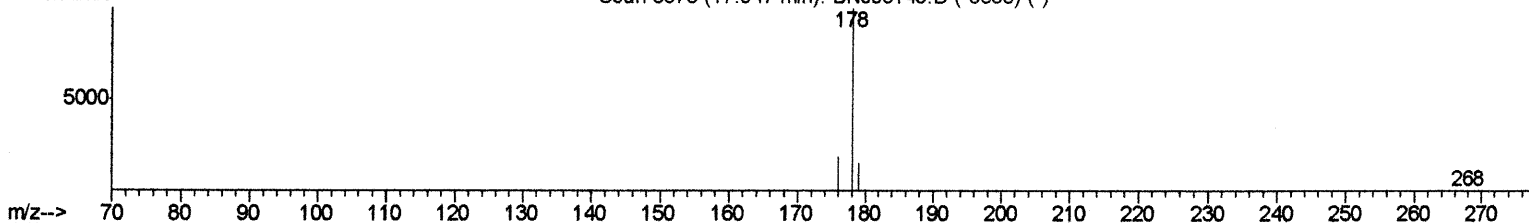
Manual Integrations
APPROVED

mohammad
10/16/2019 4:07:31 PM

Quant Time: Oct 15 15:26:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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Scan 3678 (17.047 min): BN008149.D (-3665) (-)



TIC: BN008167.D

(12) Phenanthrene

17.097min (+0.051) 0.01ng/ul

response 502

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	243.17#
176.00	19.30	21.04
0.00	0.00	0.00

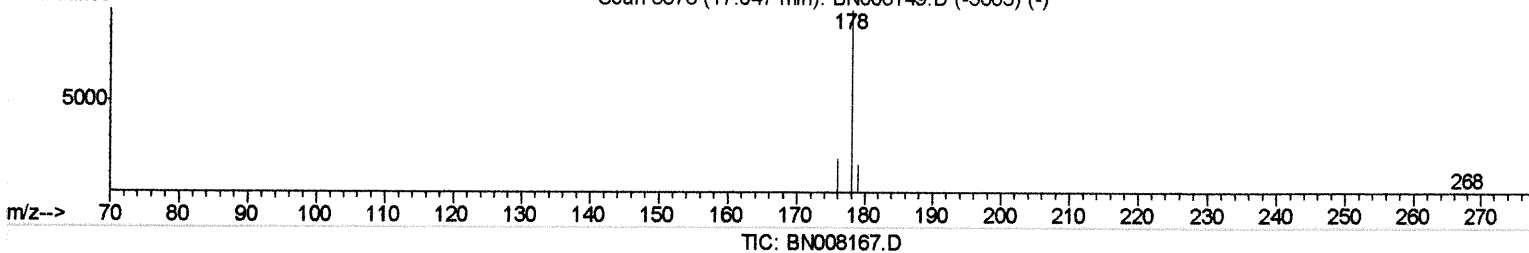
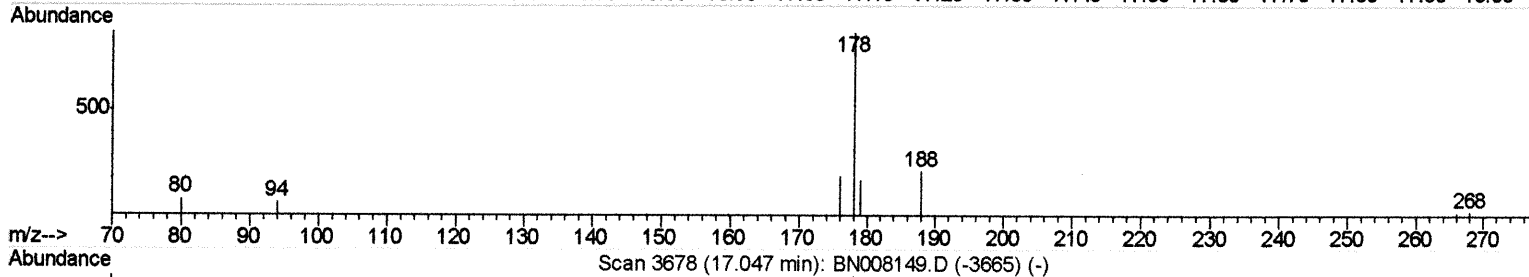
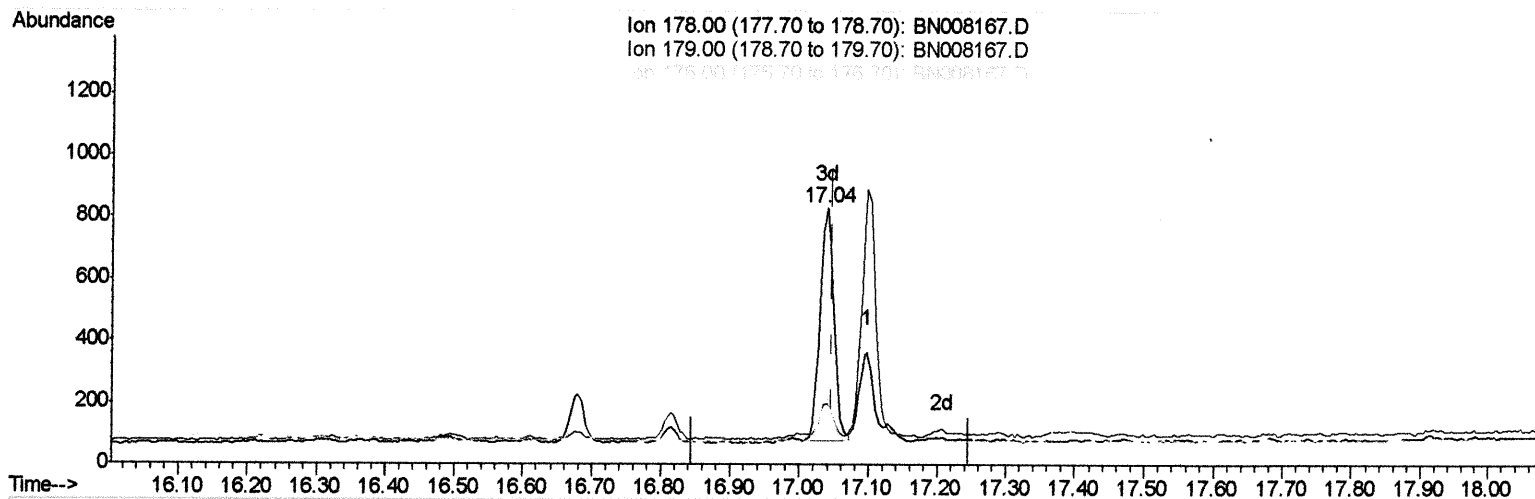
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
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 Acq On : 15 Oct 2019 11:28
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 Sample : K5097-17
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 JLMF5

Manual Integrations
 APPROVED

mohammad
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 Response via : Initial Calibration



(12) Phenanthrene

17.038min (-0.008) 0.02ng/ul m JU 10/16/19

response 1062

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	23.73#
176.00	19.30	25.66#
0.00	0.00	0.00

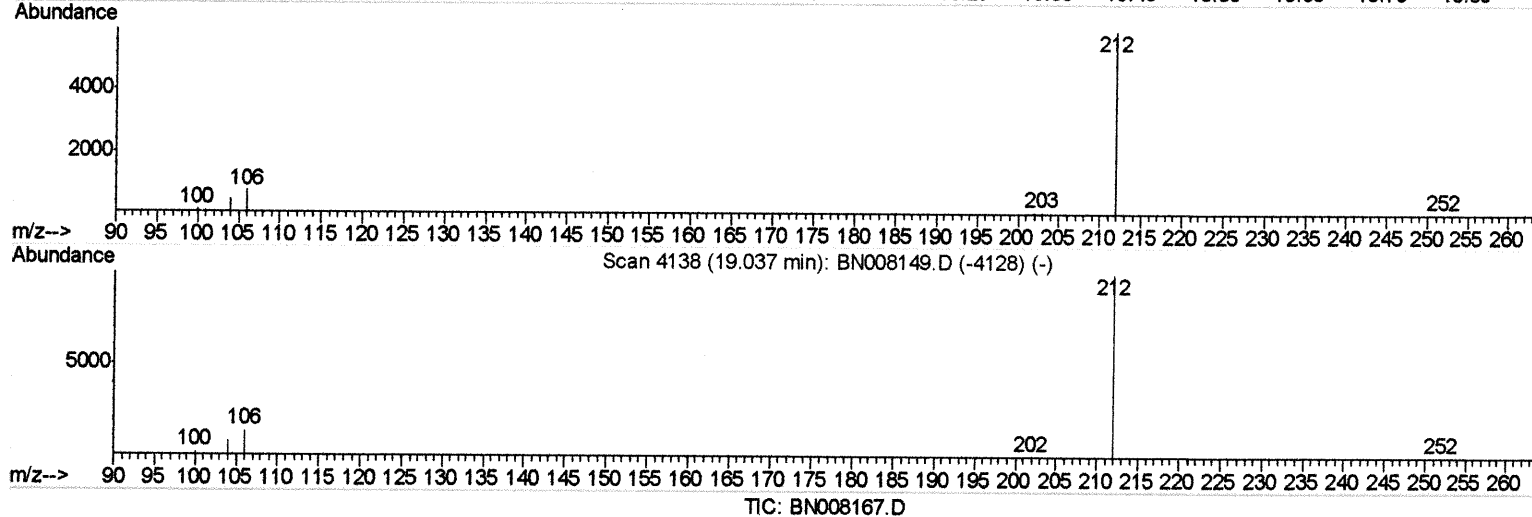
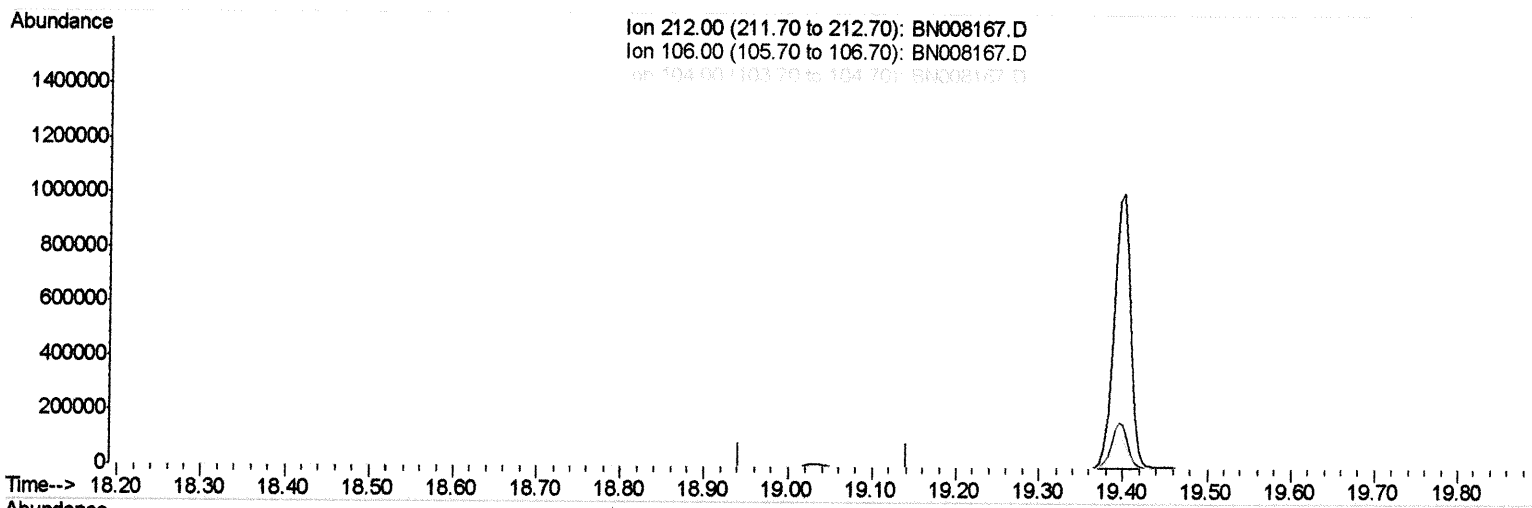
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008167.D
Acq On : 15 Oct 2019 11:28
Operator : JU
Sample : K5097-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
10/16/2019 4:07:31 PM



(14) Fluoranthene-d10 (SURR)

19.042min (-19.042) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

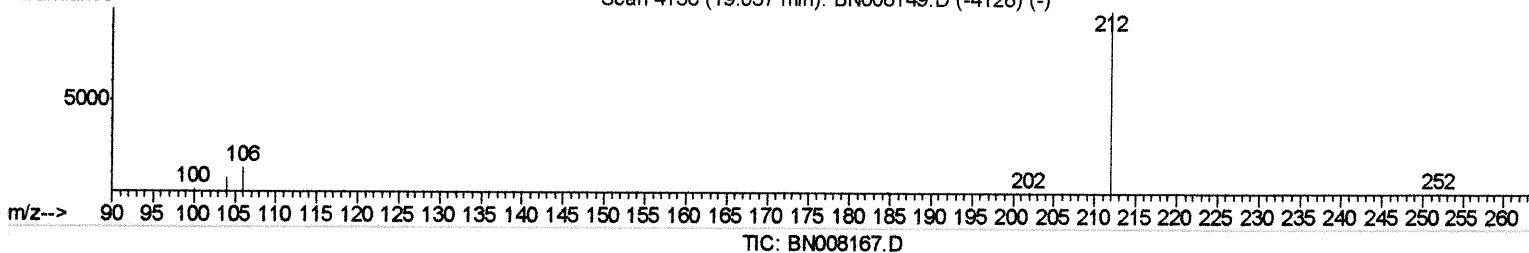
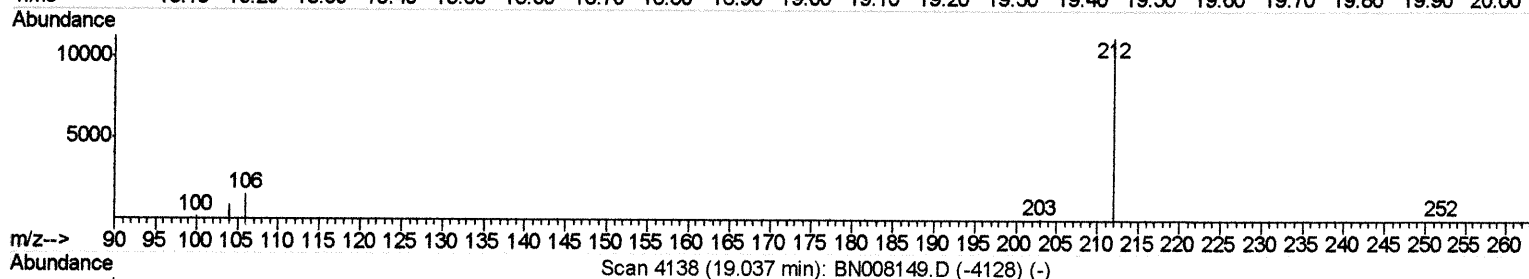
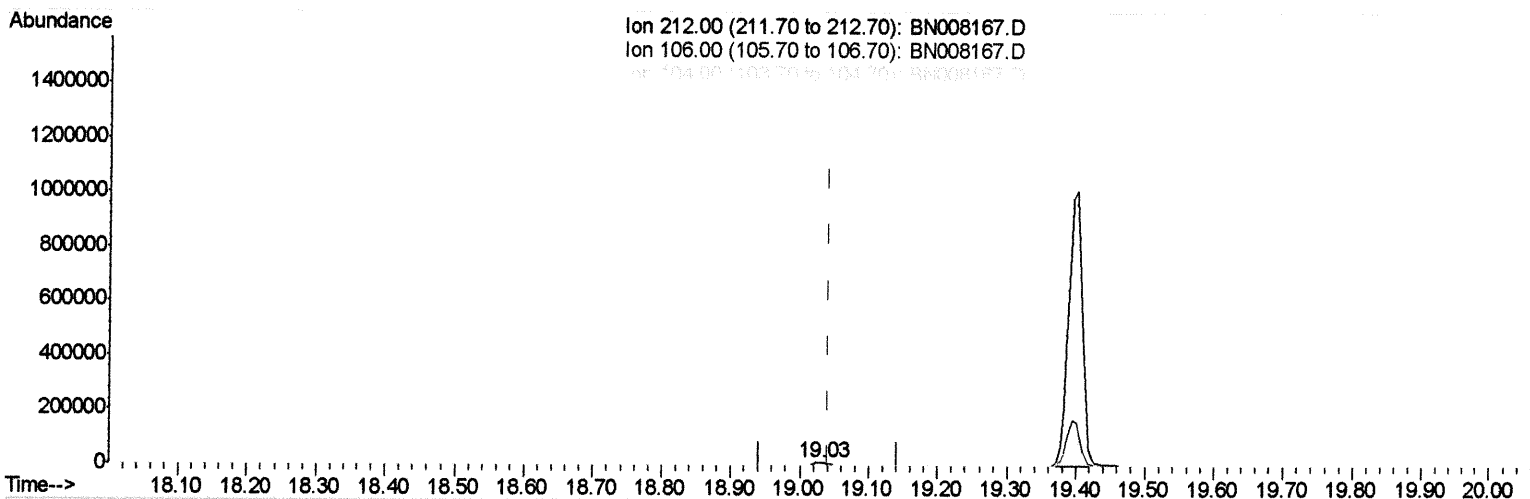
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008167.D
Acq On : 15 Oct 2019 11:28
Operator : JU
Sample : K5097-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

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(14) Fluoranthene-d10 (SURR)

19.032min (-0.009) 0.26ng/ul m

JU 10/16/19

response 15650

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

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Data File : BN008167.D
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Operator : JU
Sample : K5097-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMF5

Manual Integrations
APPROVED

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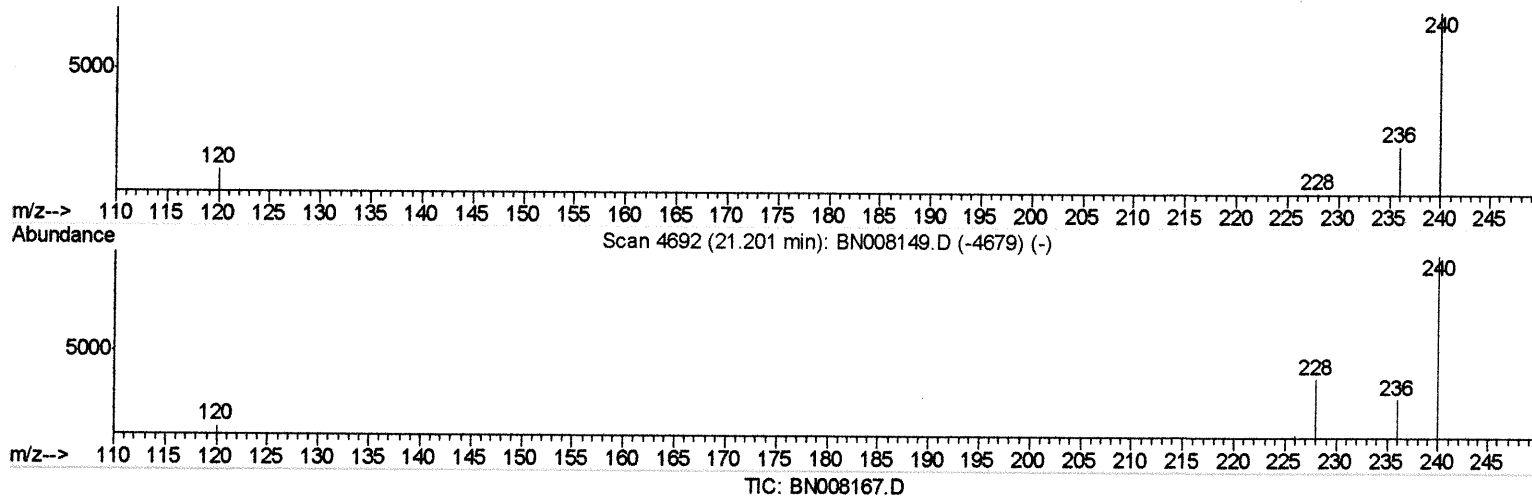
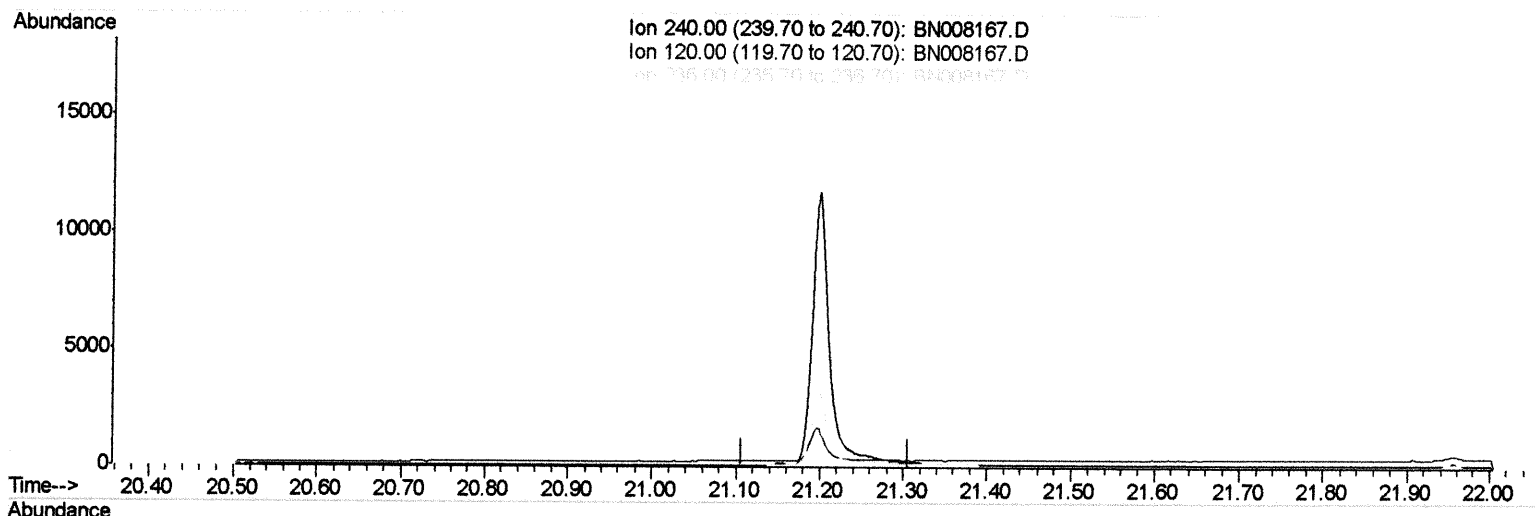
Quant Time: Oct 15 15:26:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 15 15:12:58 2019

Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.207min (-21.207) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.70	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

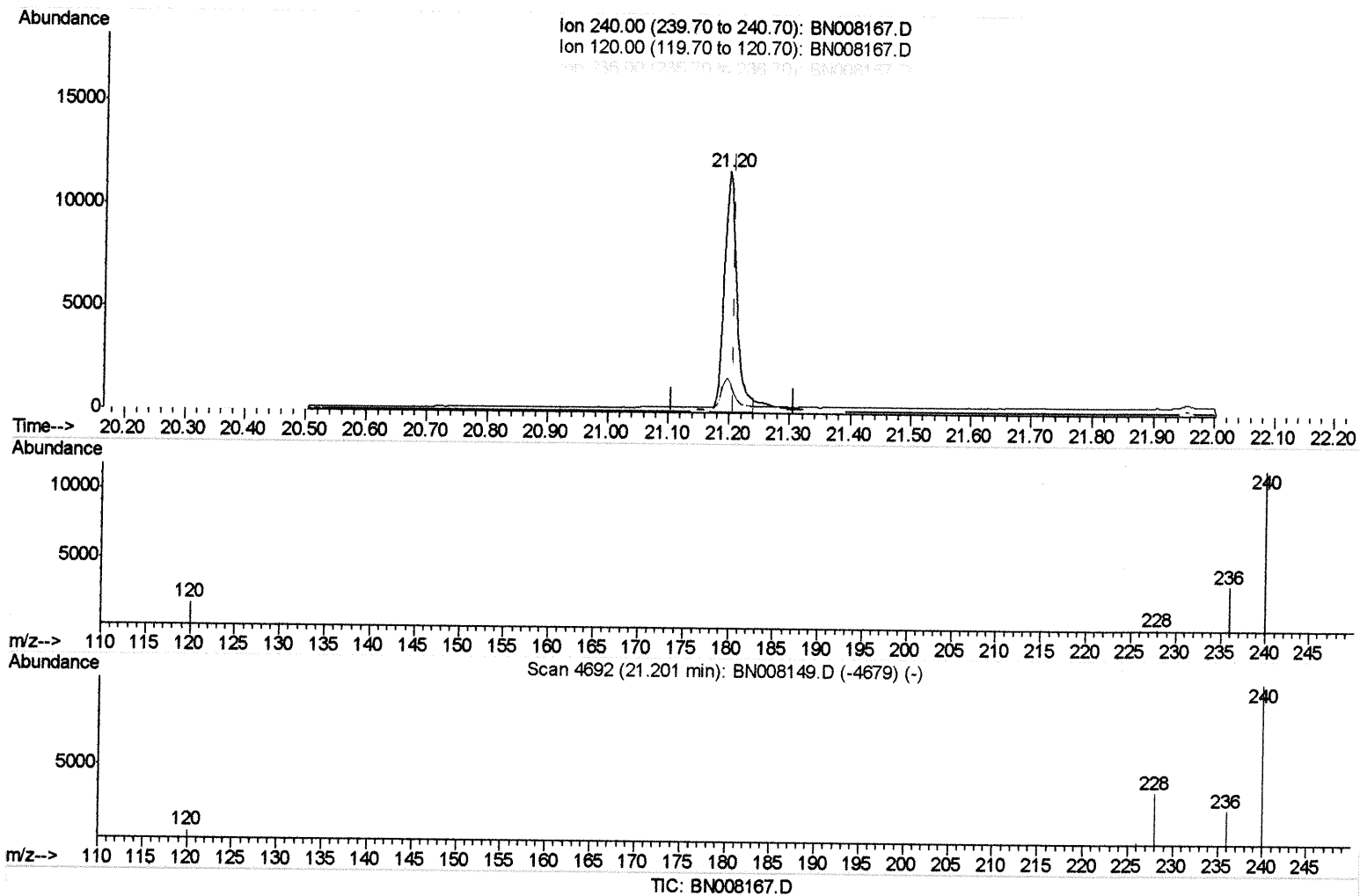
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMF5

Manual Integrations
APPROVED

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(16) Chrysene-d12 (I)

21.198min (-0.009) 0.40ng/ul m

response 16747

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	13.93
236.00	28.40	27.84
0.00	0.00	0.00

10/16/19

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 Data File : BN008167.D
 Acq On : 15 Oct 2019 11:28
 Operator : JU
 Sample : K5097-17
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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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	7.62	152	2305	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	11481	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	7575	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	17440m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	16747m	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	17665	0.40	ng/ul	-0.02

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.98	152	5018	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	15650m	0.26	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
5) 2-Methylnaphthalene	12.06	142	570	0.025	ng/ul	100
12) Phenanthrene	17.04	178	1062m	0.021	ng/ul	>

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