

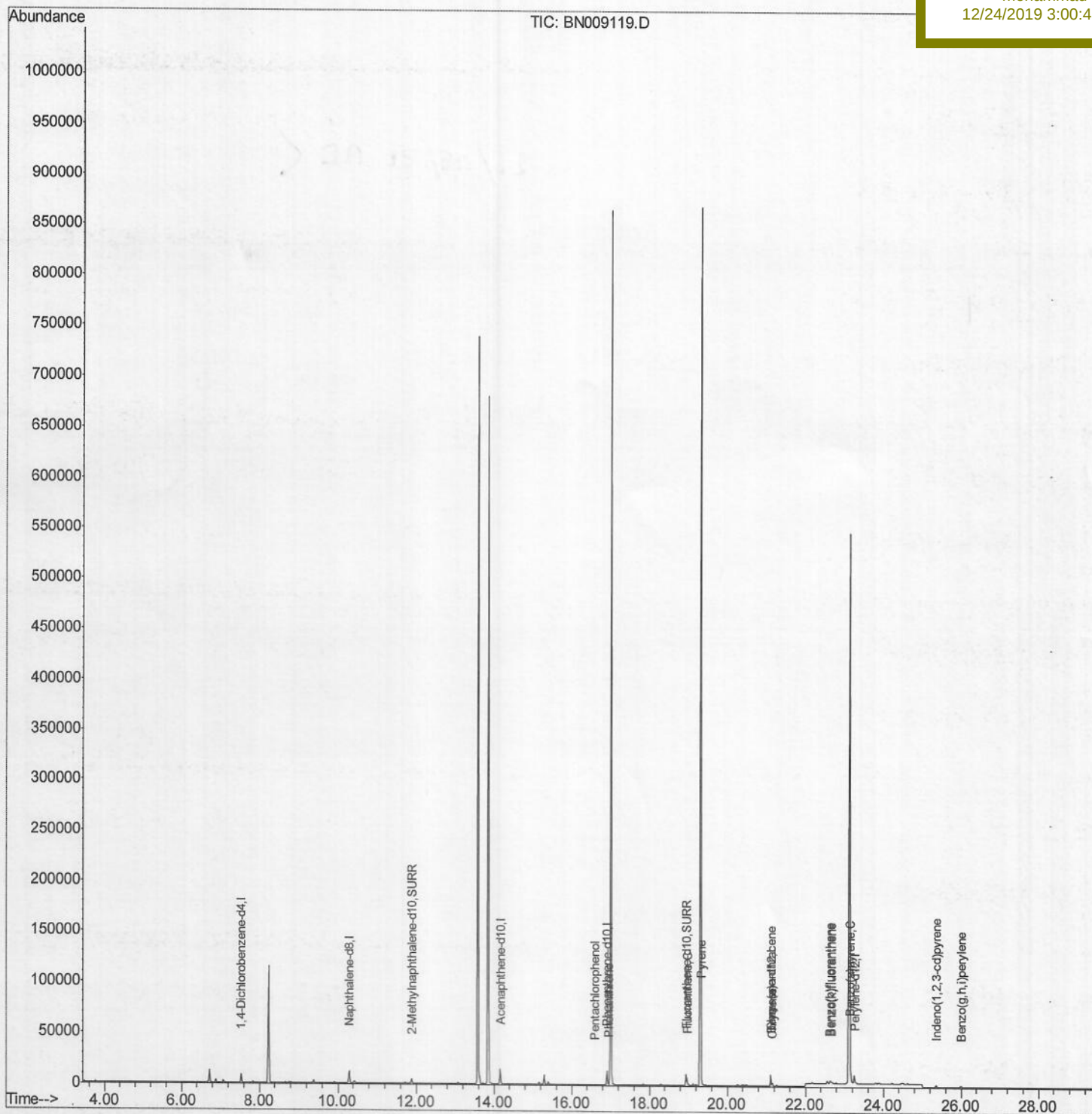
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\
Data File : BN009119.D
Acq On : 24 Dec 2019 10:57
Operator : JU
Sample : K6276-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 24 11:56:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 06:49:13 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0C32

Manual Integrations
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Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\

Data File : BN009119.D

Acq On : 24 Dec 2019 10:57

Operator : JU

Sample : K6276-02

Misc :

ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 24 11:55:12 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 24 06:49:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

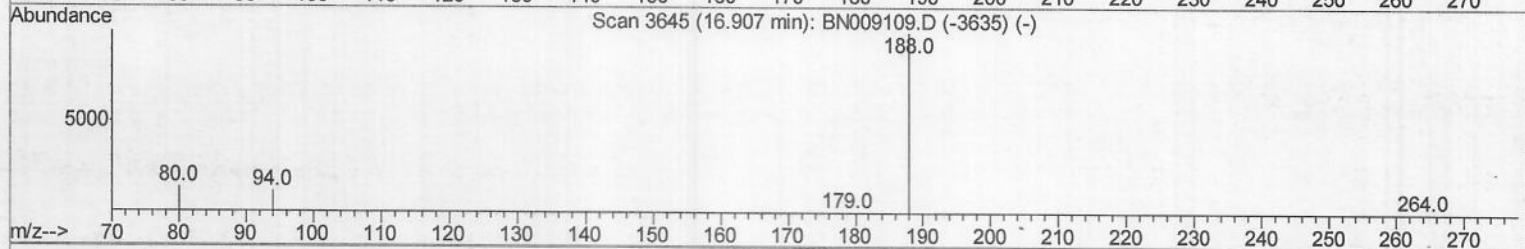
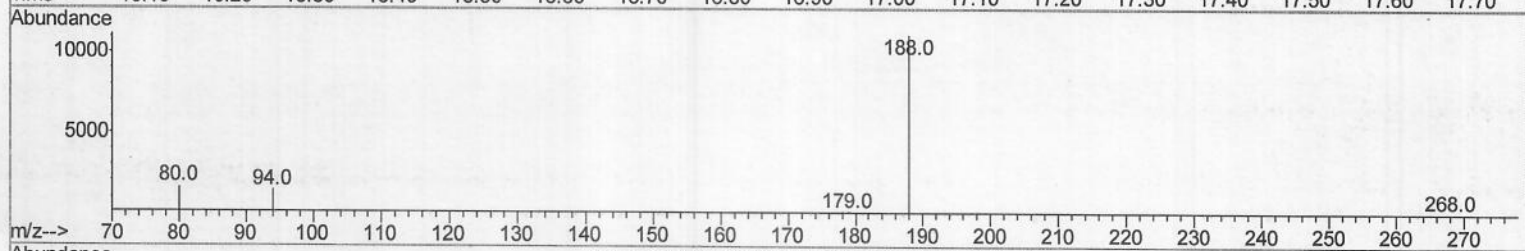
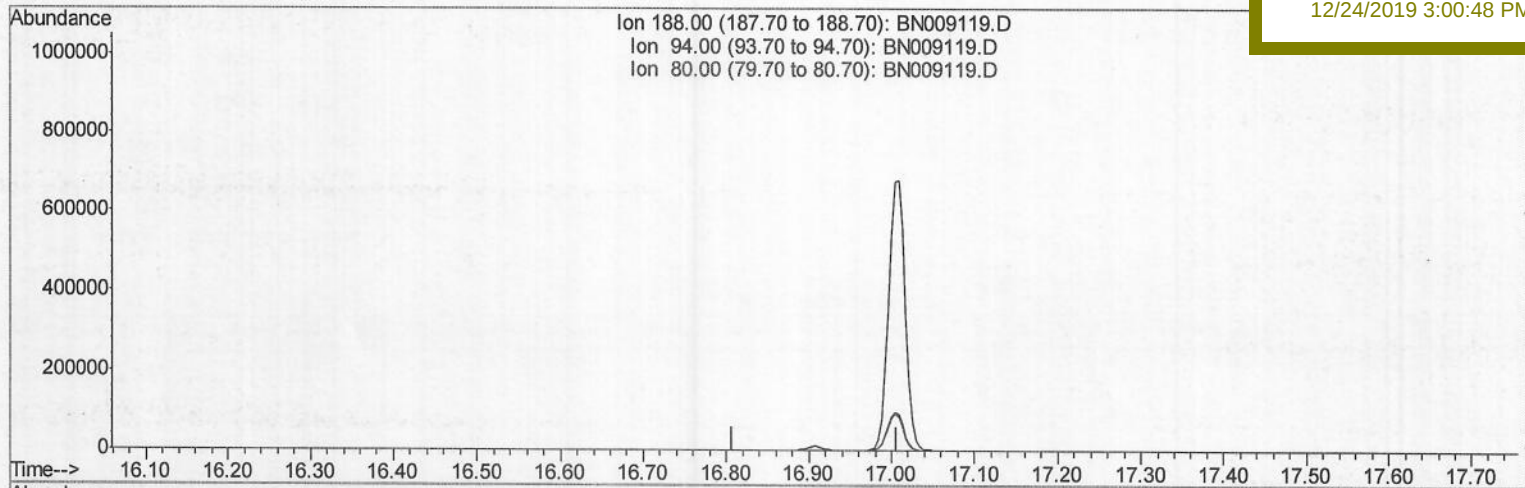
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TIC: BN009119.D

(10) Phenanthrene-d10 (I)

16.907min (-16.907) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.60	0.00#
80.00	13.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\

Data File : BN009119.D

Acq On : 24 Dec 2019 10:57

Operator : JU

Sample : K6276-02

Misc :

ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 24 11:55:12 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 24 06:49:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

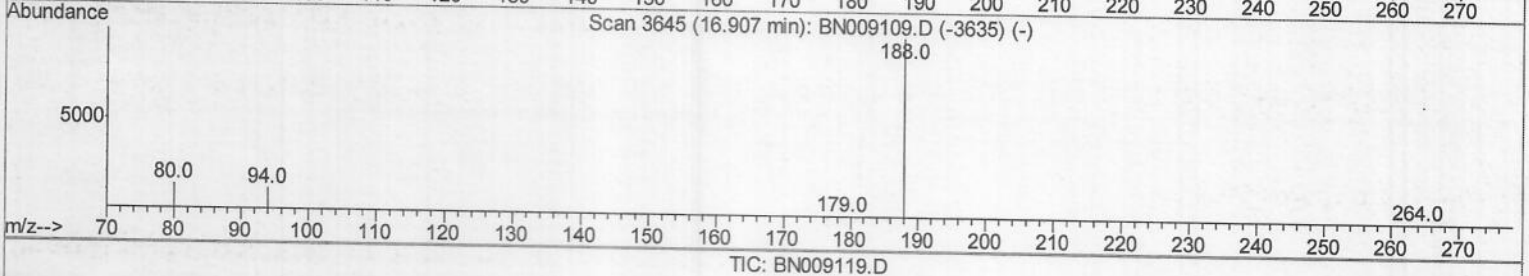
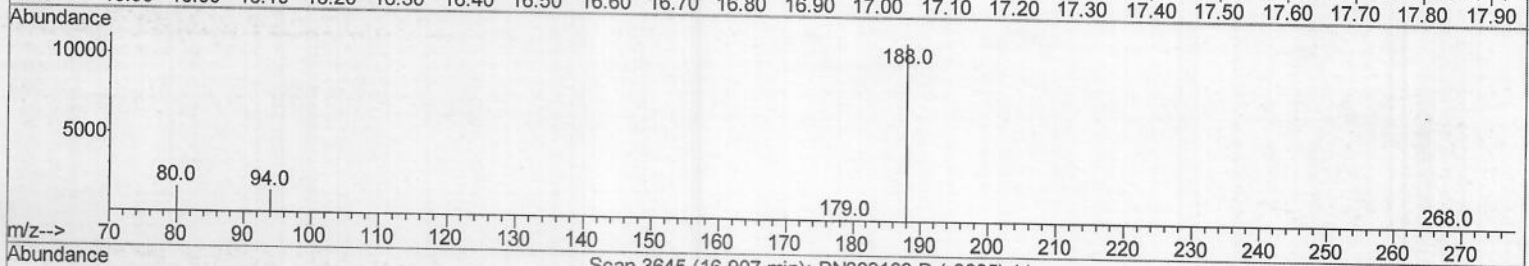
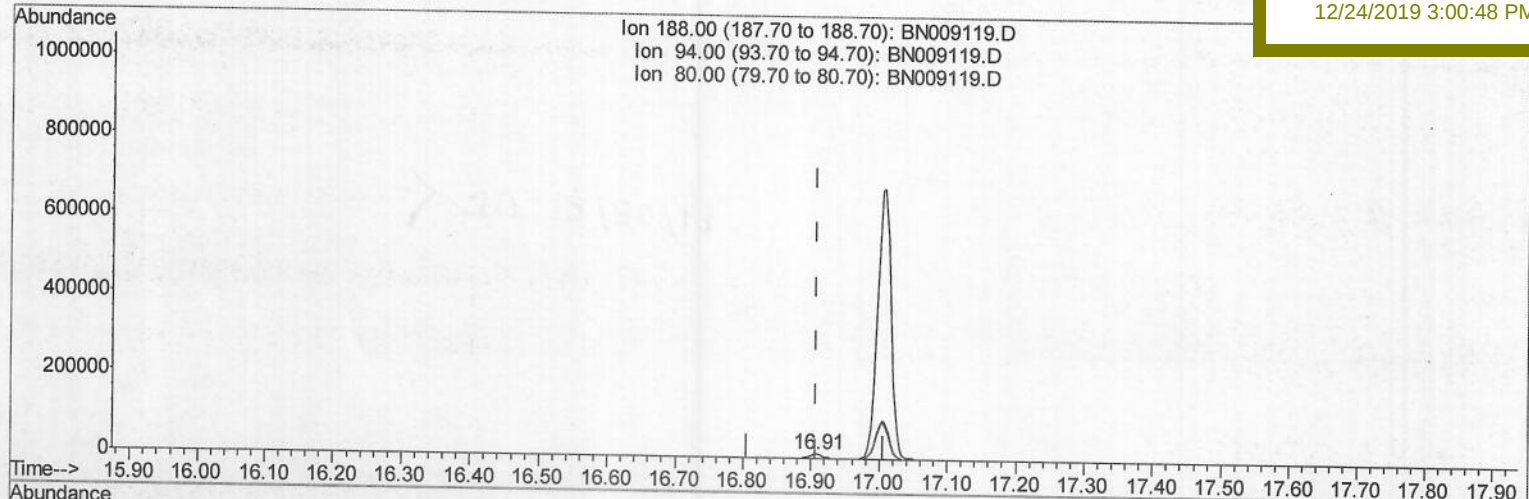
C0C32

Manual Integrations

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12/24/2019 3:00:48 PM



TIC: BN009119.D

(10) Phenanthrene-d10 (I)

16.907min (0.000) 0.40ng/ul m

25012131119

response 15331

Ion	Exp%	Act%
188.00	100	100
94.00	11.60	12.67
80.00	13.70	14.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\

Data File : BN009119.D

Acq On : 24 Dec 2019 10:57

Operator : JU

Sample : K6276-02

Misc :

ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 24 11:55:46 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 24 06:49:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

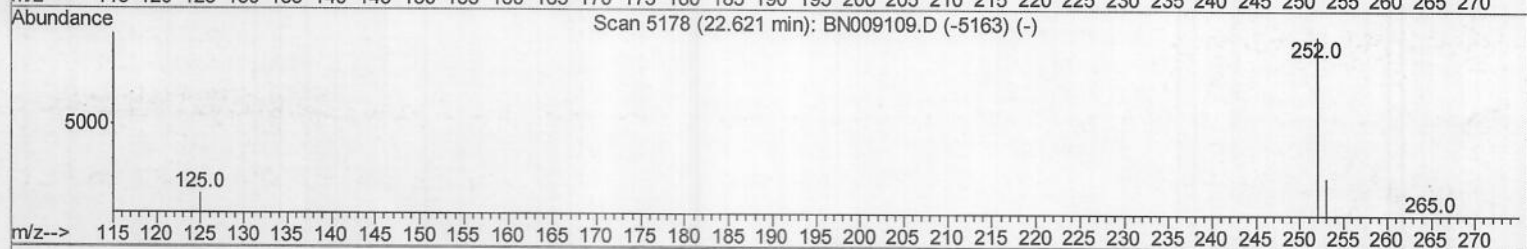
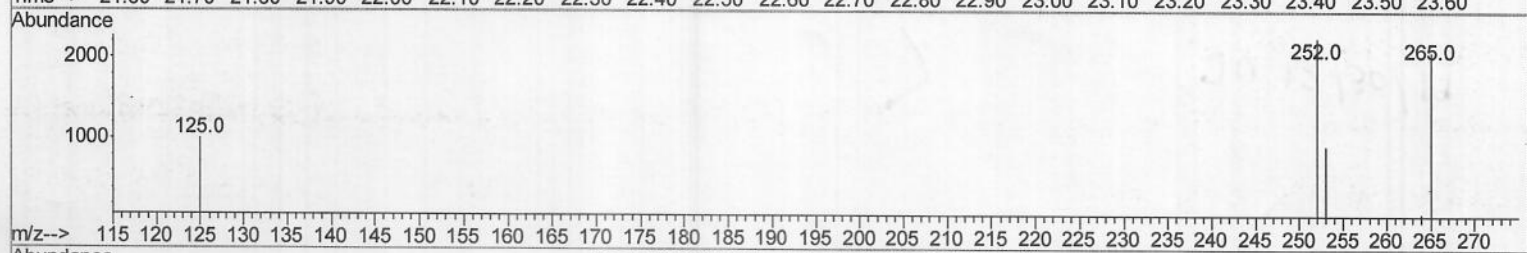
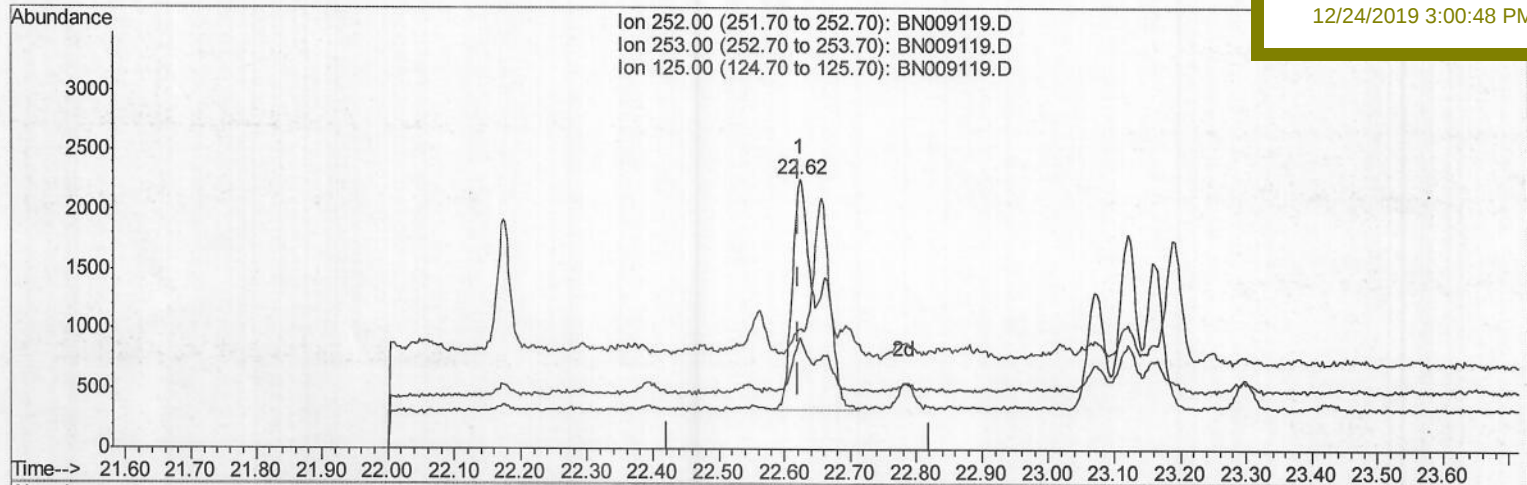
C0C32

Manual Integrations

APPROVED

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12/24/2019 3:00:48 PM



TIC: BN009119.D

(21) Benzo(b)fluoranthene

22.624min (+0.003) 0.13ng/ul

response 5342

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	41.32
125.00	15.00	44.56#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\

Data File : BN009119.D

Acq On : 24 Dec 2019 10:57

Operator : JU

Sample : K6276-02

Misc :

ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 24 11:55:46 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 24 06:49:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

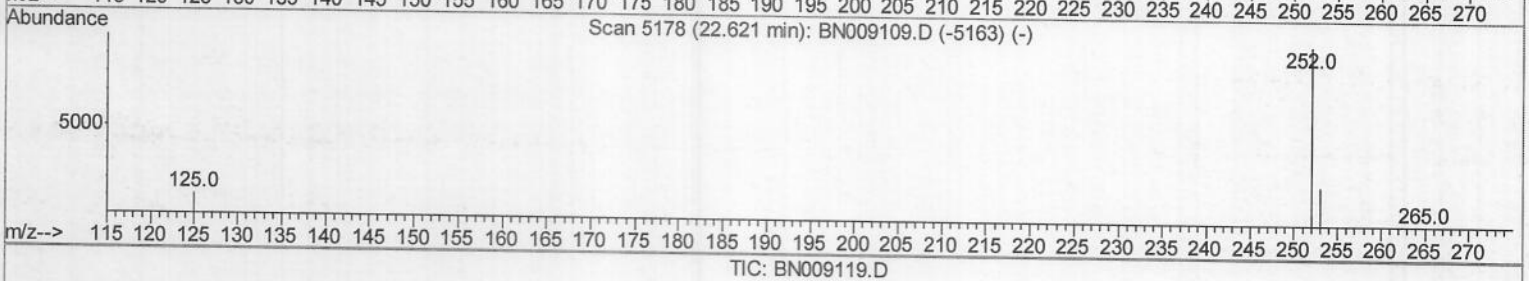
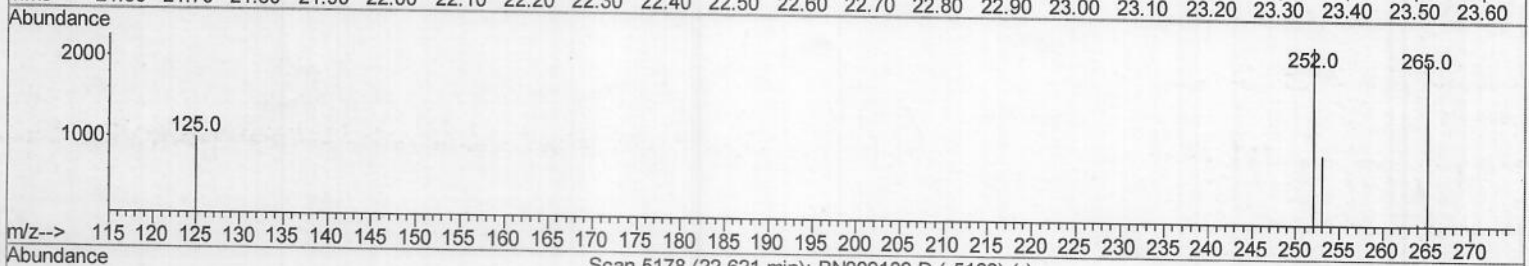
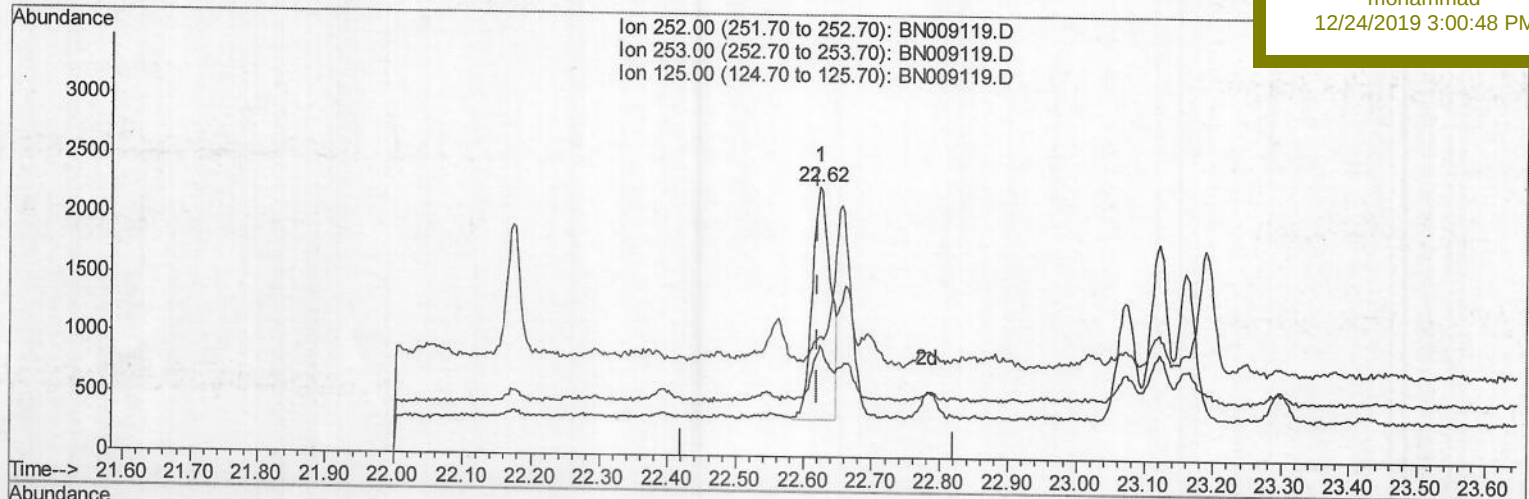
C0C32

Manual Integrations

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12/24/2019 3:00:48 PM



(21) Benzo(b)fluoranthene

22.624min (+0.003) 0.09ng/ul m > JU 12/31/19

response 3621

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	41.32
125.00	15.00	44.56#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\

Data File : BN009119.D

Acq On : 24 Dec 2019 10:57

Operator : JU

Sample : K6276-02

Misc :

ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 24 11:55:46 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 24 06:49:13 2019

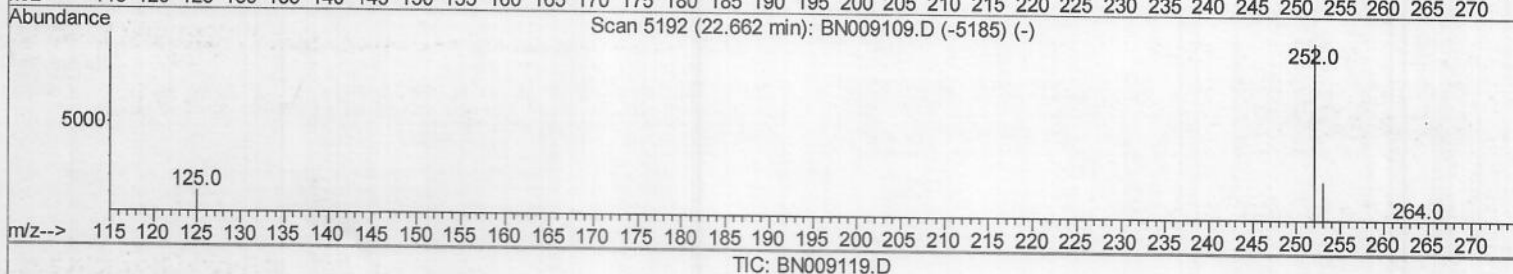
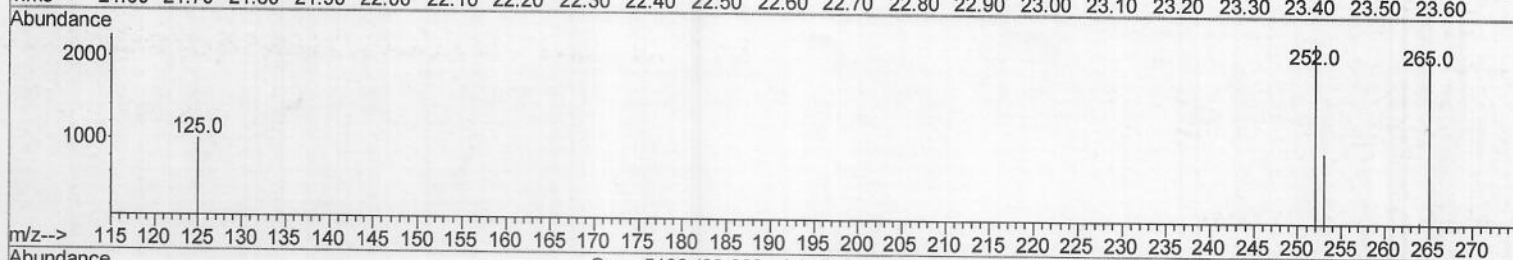
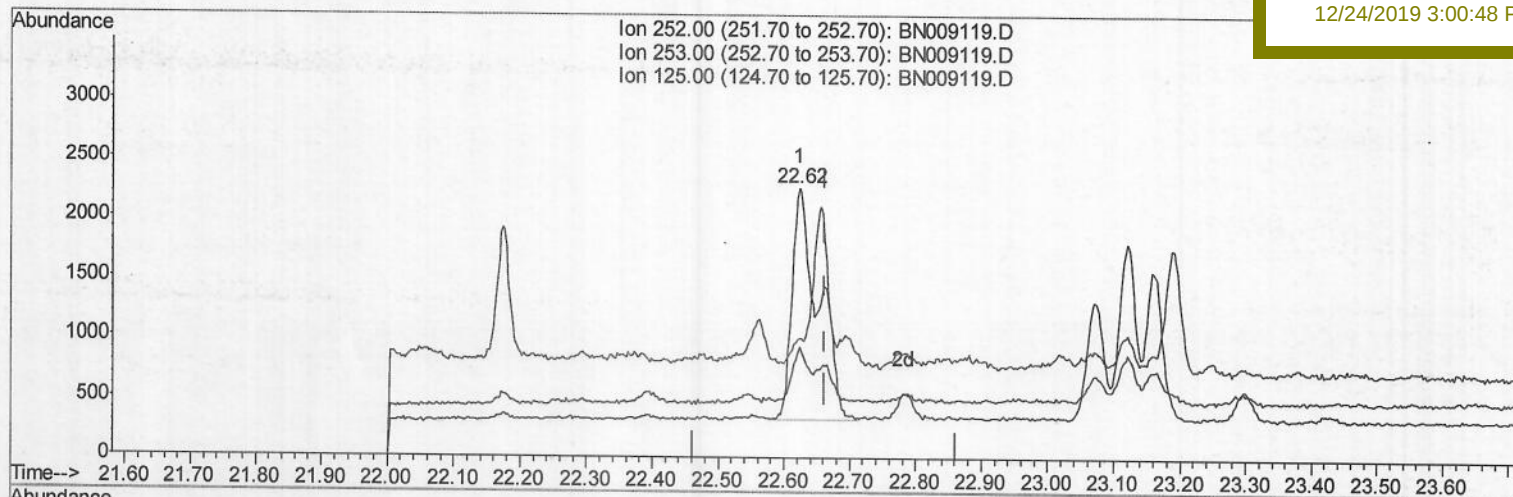
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0C32

Manual Integrations
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(22) Benzo(k)fluoranthene

22.624min (-0.038) 0.12ng/ul

response 5342

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	41.32#
125.00	15.50	44.56#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\

Data File : BN009119.D

Acq On : 24 Dec 2019 10:57

Operator : JU

Sample : K6276-02

Misc :

ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 24 11:55:46 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 24 06:49:13 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

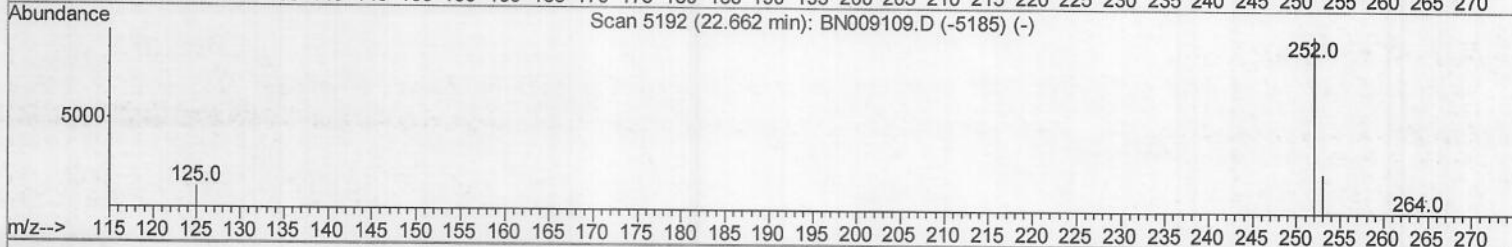
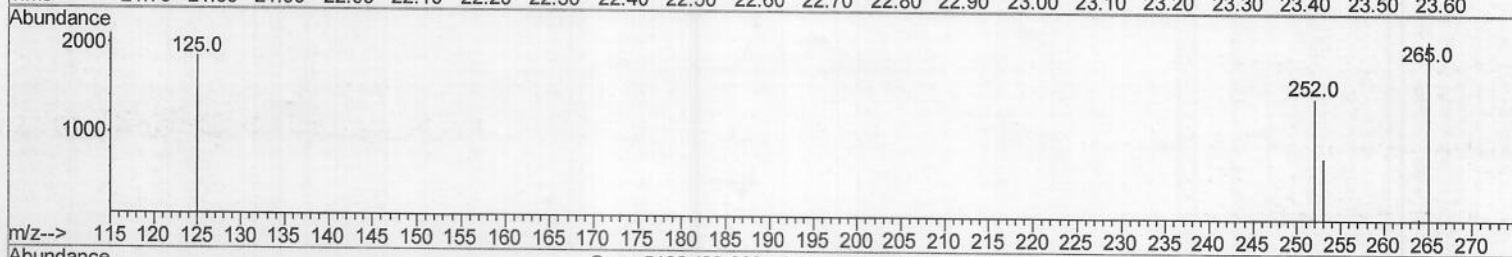
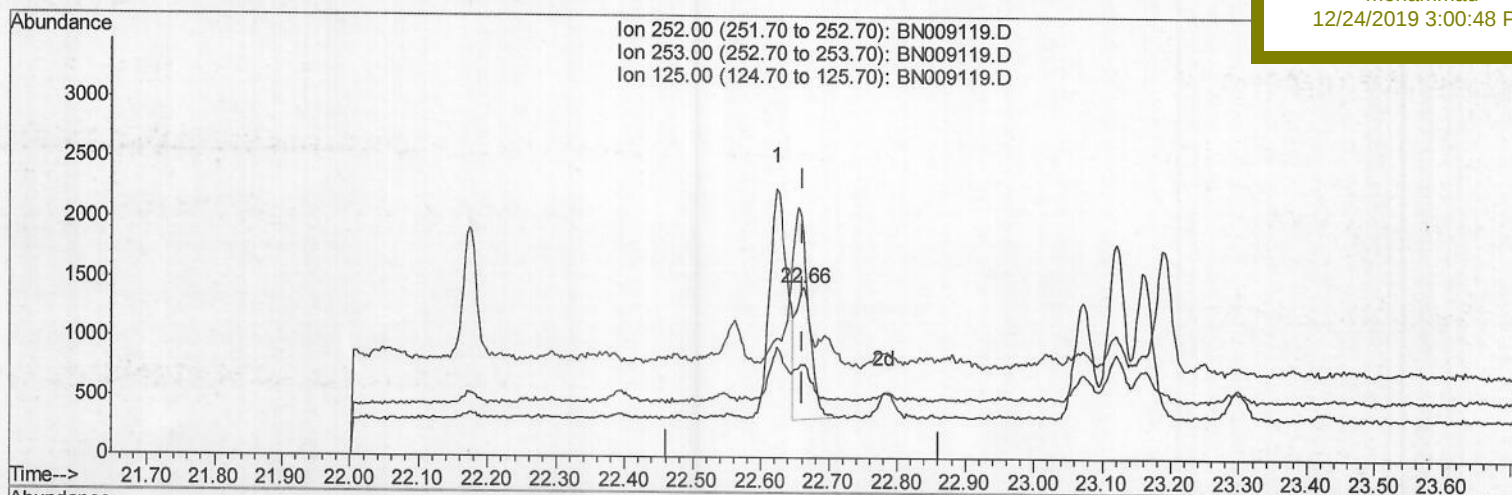
C0C32

Manual Integrations

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TIC: BN009119.D

(22) Benzo(k)fluoranthene

22.662min (+0.000) 0.04ng/ul m

> JU 12/31/19

response 1795

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	54.15#
125.00	15.50	129.03#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\
 Data File : BN009119.D
 Acq On : 24 Dec 2019 10:57
 Operator : JU
 Sample : K6276-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C32

Quant Time: Dec 24 11:56:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 06:49:13 2019
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	3961	0.40	ng/ul	0.00
2) Naphthalene-d8	10.28	136	14792	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	8033	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	15331m	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	8893	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	9103	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.88	152	5669	0.22	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	11218	0.25	ng/ul	0.00

Target Compounds				Ovalue		
11) Pentachlorophenol	16.57	266	165	0.040	ng/ul	100
12) Phenanthrene	16.95	178	2279	0.043	ng/ul#	91
15) Fluoranthene	18.97	202	5720	0.094	ng/ul	92
17) Pyrene	19.34	202	5721	0.126	ng/ul#	90
18) Benzo(a)anthracene	21.10	228	1804	0.046	ng/ul#	85
19) Chrysene	21.15	228	2725	0.069	ng/ul#	91
21) Benzo(b)fluoranthene	22.62	252	3621m	0.085	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	1795m	0.042	ng/ul	
23) Benzo(a)pyrene	23.16	252	2109	0.057	ng/ul#	38
24) Indeno(1,2,3-cd)pyrene	25.35	276	2054	0.051	ng/ul#	93
26) Benzo(g,h,i)perylene	25.99	276	2177	0.064	ng/ul#	80

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