

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\

Data File : BN008344.D

Acq On : 23 Oct 2019 09:18

Operator : JU

Sample : K5223-15

Misc :

ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 23 09:51:43 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 : Mon Oct 21 23:58:15 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampled :

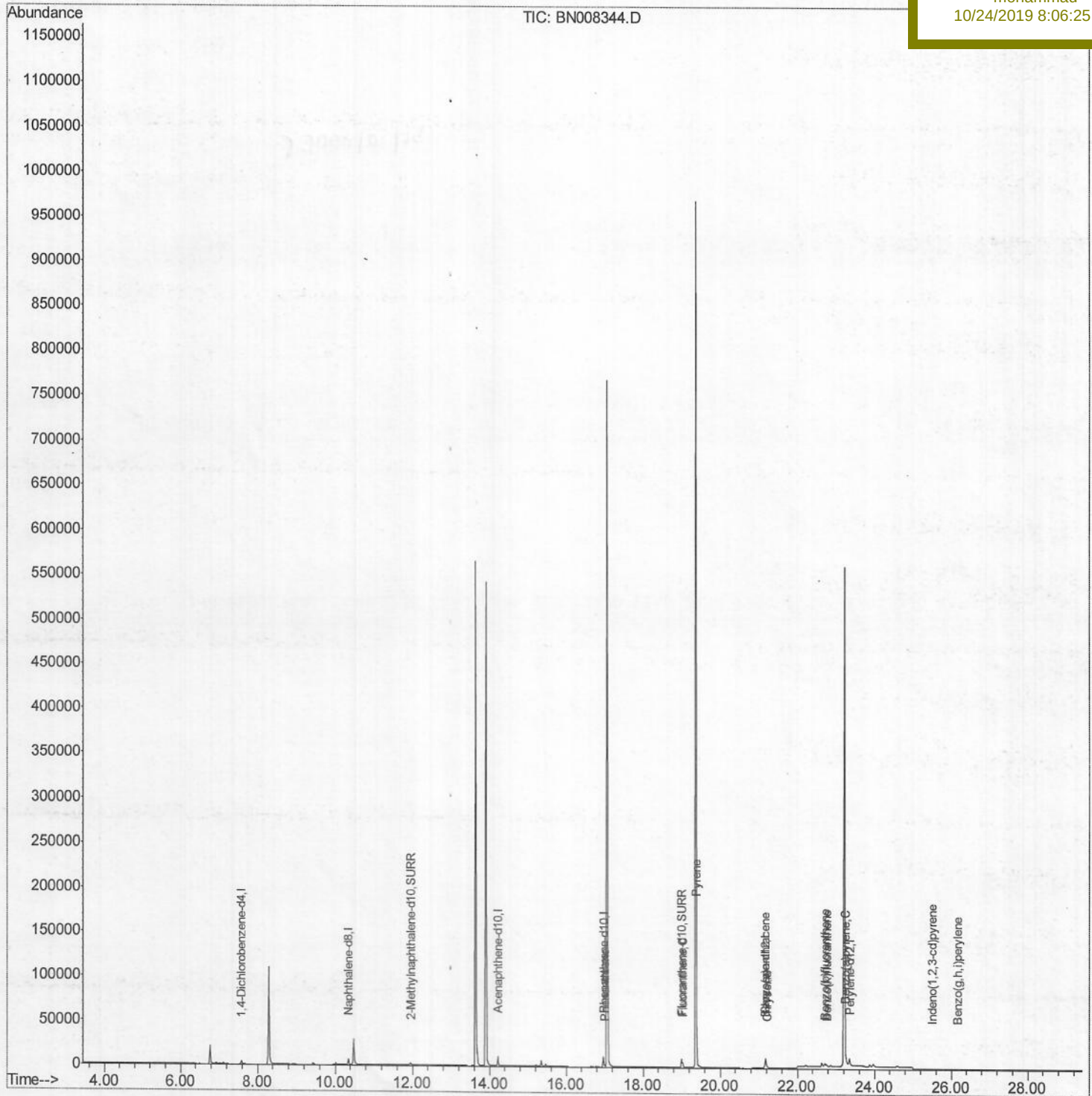
BEPH7

Manual Integrations

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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\

Data File : BN008344.D

Acq On : 23 Oct 2019 09:18

Operator : JU

Sample : K5223-15

Misc :

ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 23 09:49:37 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 : Mon Oct 21 23:58:15 2019

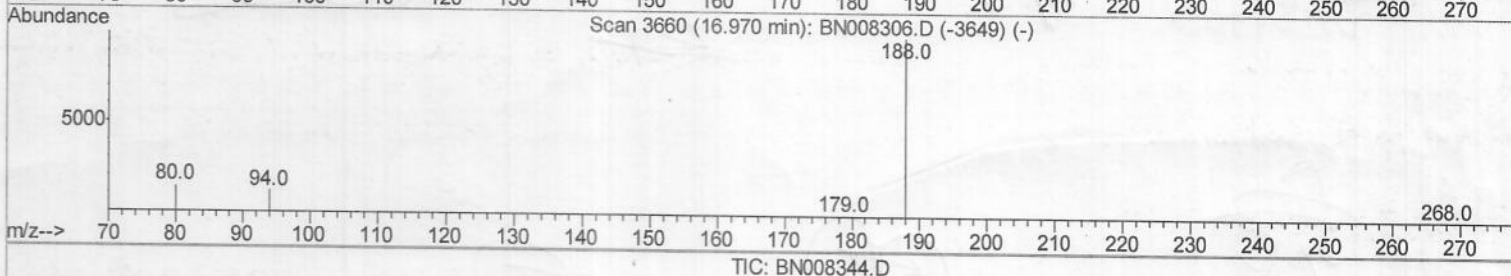
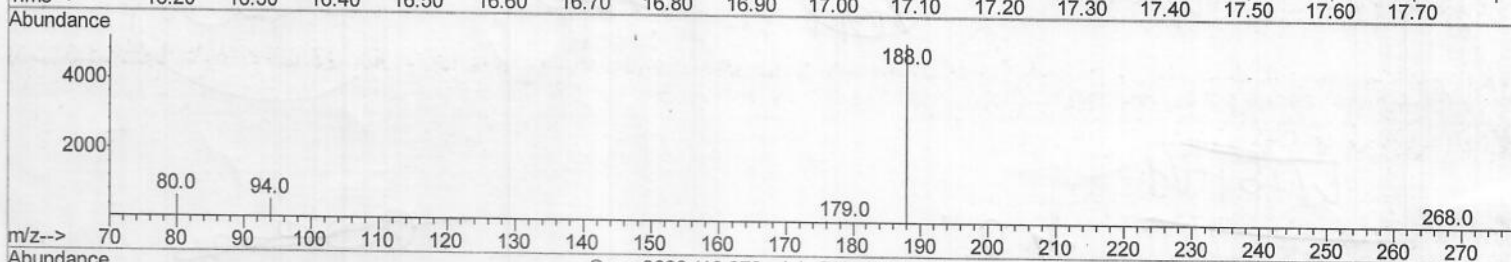
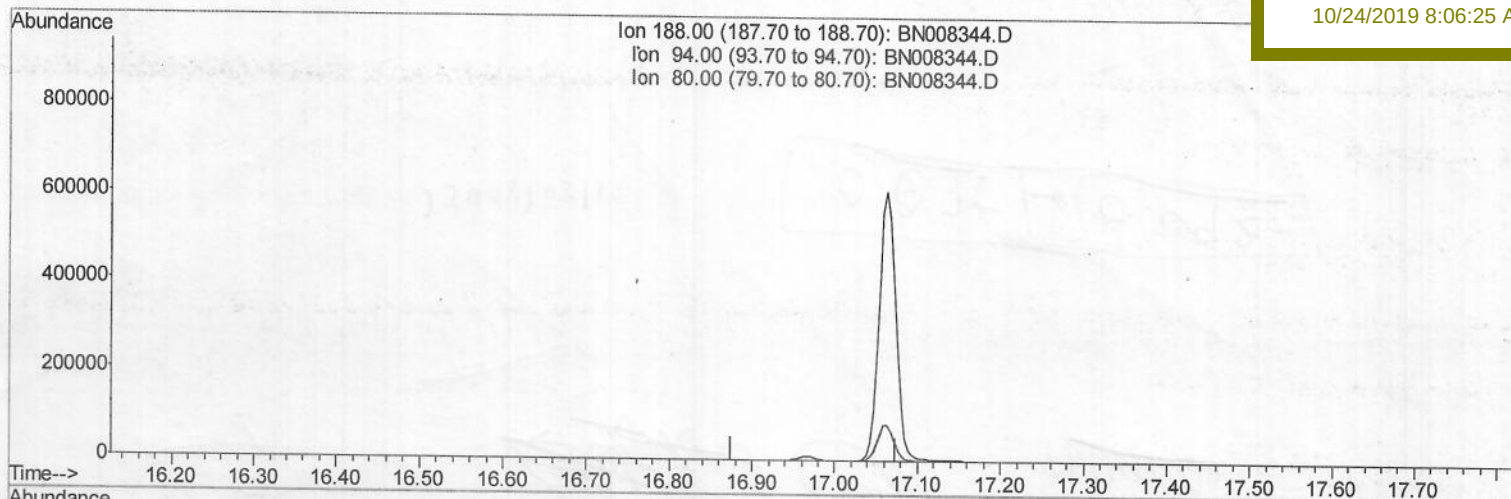
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEPH7

Manual Integrations
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(10) Phenanthrene-d10 (I)

16.975min (-16.975) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.90	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

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BNA_N

ClientSampleId :

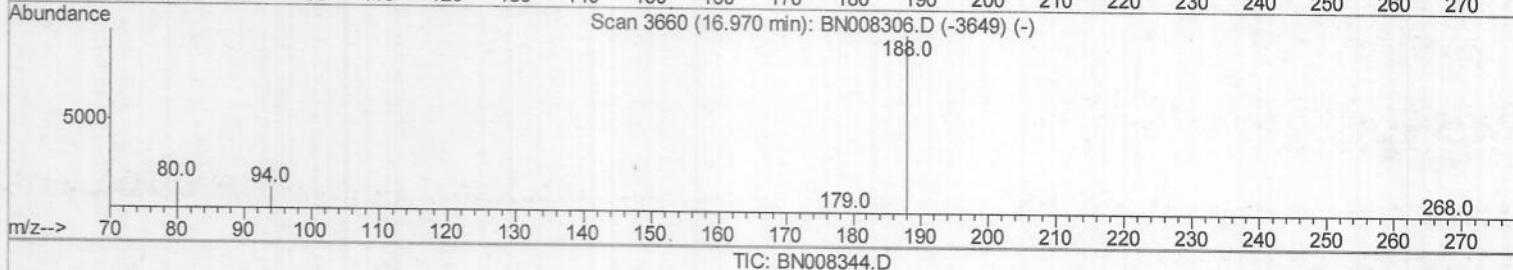
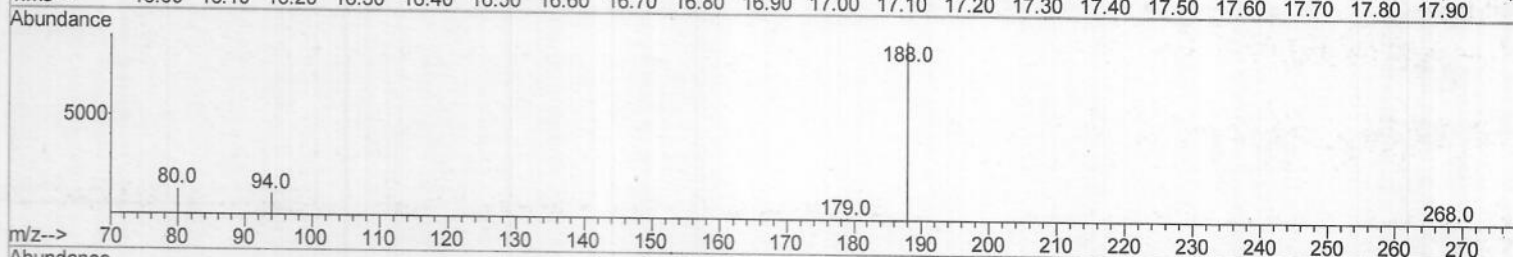
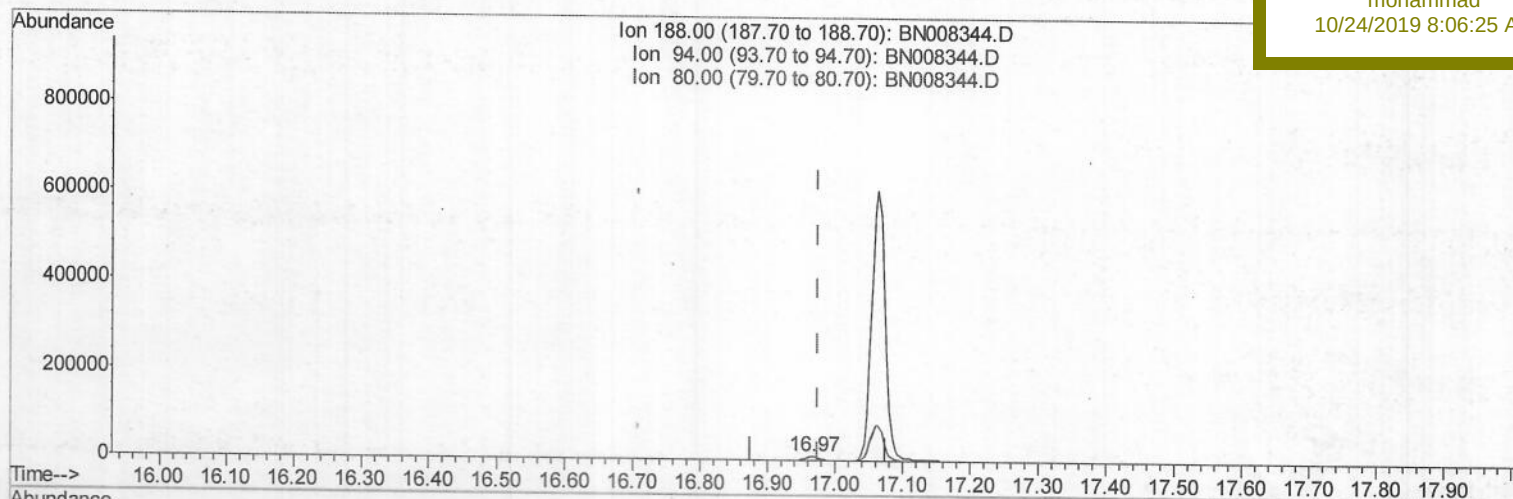
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Manual Integrations

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(10) Phenanthrene-d10 (I)

16.966min (-0.008) 0.40ng/ul m) JU

response 12640

10124119

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.94
80.00	12.60	14.35
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\

Data File : BN008344.D

Acq On : 23 Oct 2019 09:18

Operator : JU

Sample : K5223-15

Misc :

ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 23 09:50:10 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 : Mon Oct 21 23:58:15 2019

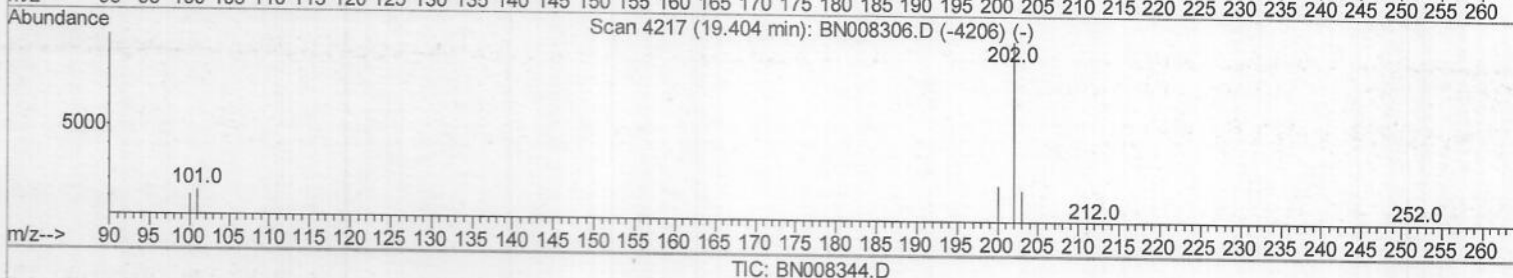
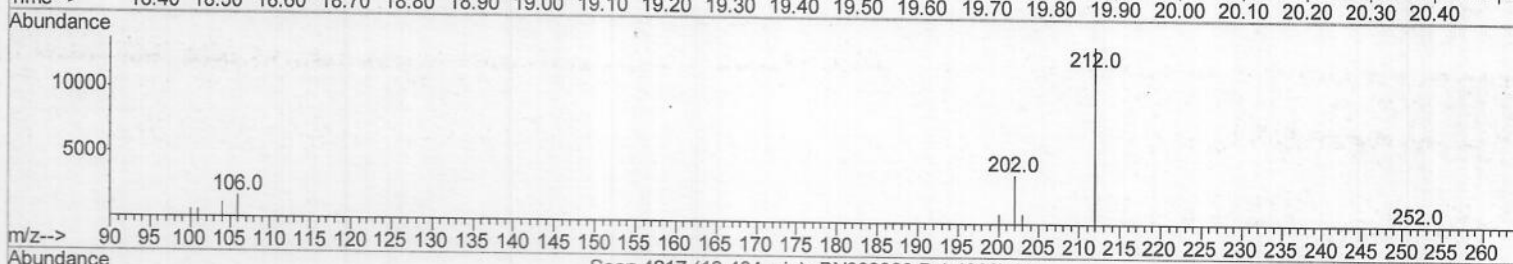
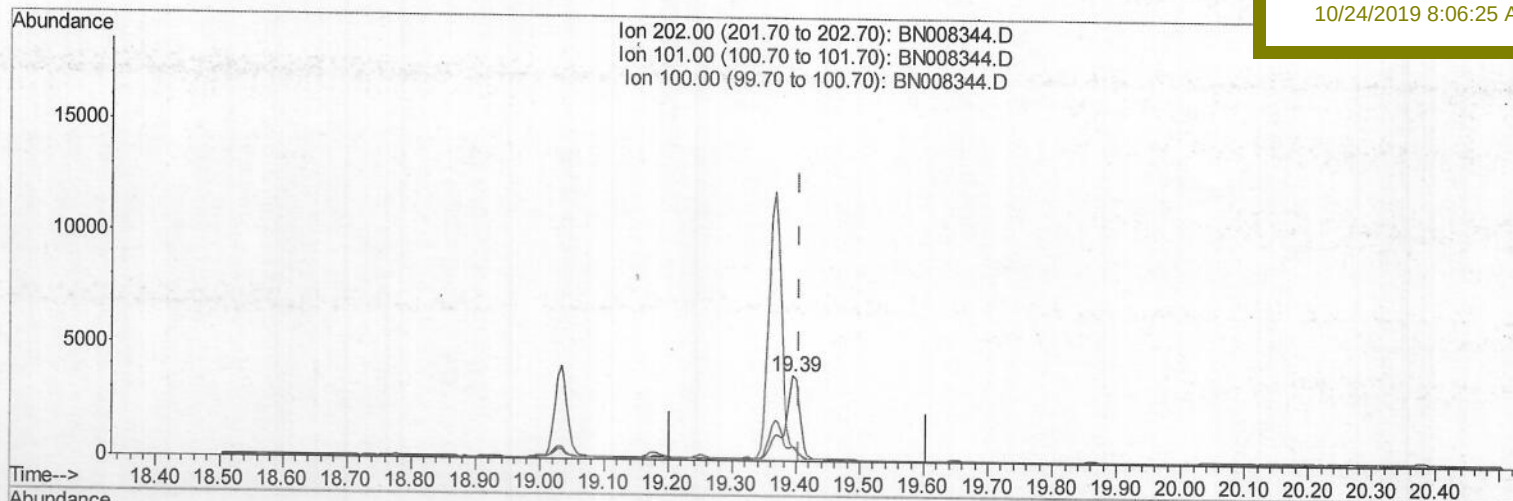
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEPH7

Manual Integrations
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10/24/2019 8:06:25 AM

(17) Pyrene

19.395min (-0.009) 0.15ng/ul

response 6232

Ion	Exp%	Act%
202.00	100	100
101.00	13.60	17.09#
100.00	10.90	17.57#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\

Data File : BN008344.D

Acq On : 23 Oct 2019 09:18

Operator : JU

Sample : K5223-15

Misc :

ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 23 09:50:10 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 : Mon Oct 21 23:58:15 2019

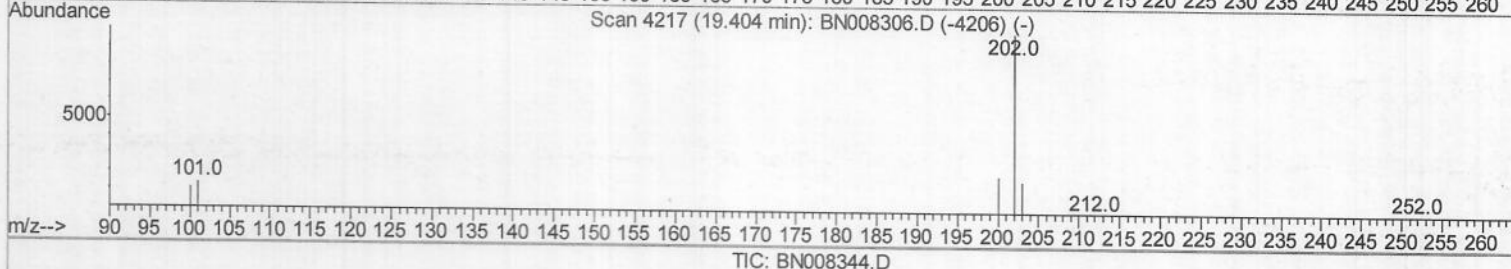
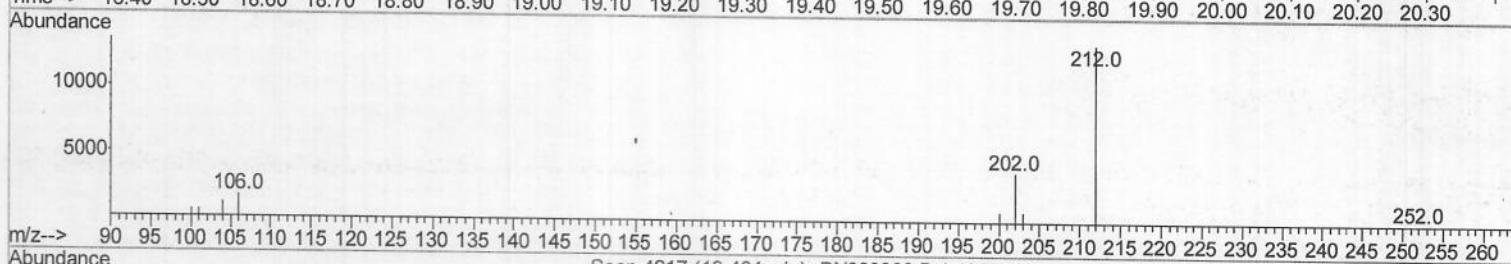
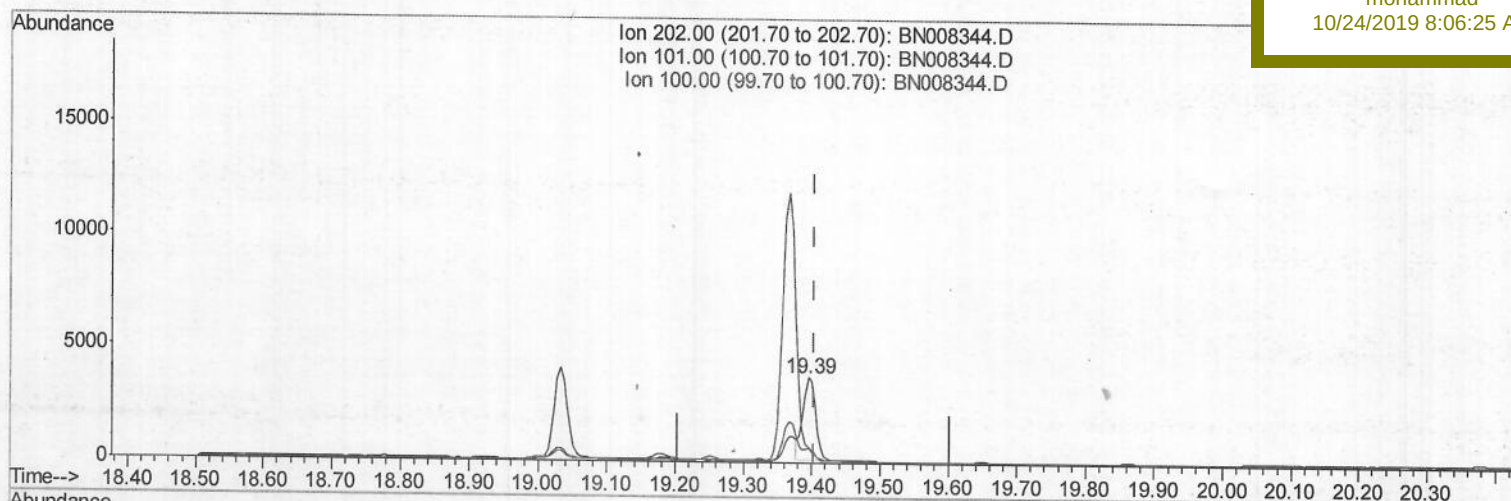
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEPH7

Manual Integrations
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(17) Pyrene

19.395min (-0.009) 0.11ng/ul m> Ju

response 4778

10/24/19

Ion	Exp%	Act%
202.00	100	100
101.00	13.60	17.09#
100.00	10.90	17.57#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\

Data File : BN008344.D

Acq On : 23 Oct 2019 09:18

Operator : JU

Sample : K5223-15

Misc :

ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 23 09:50:10 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 : Mon Oct 21 23:58:15 2019

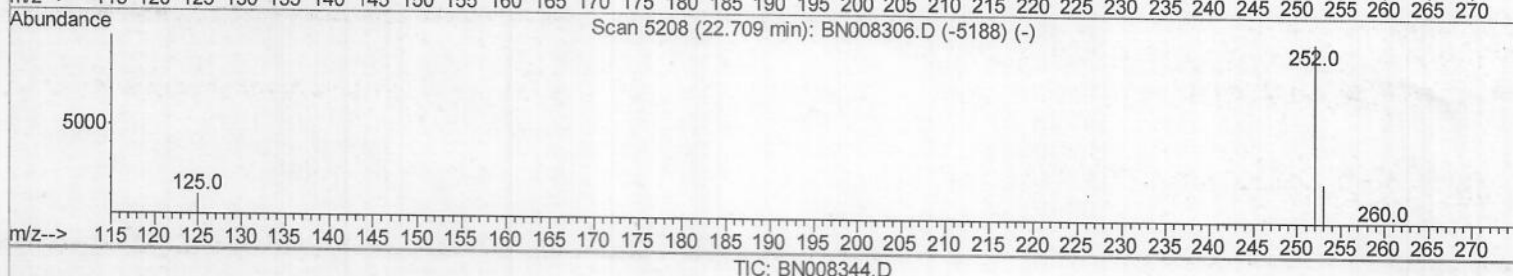
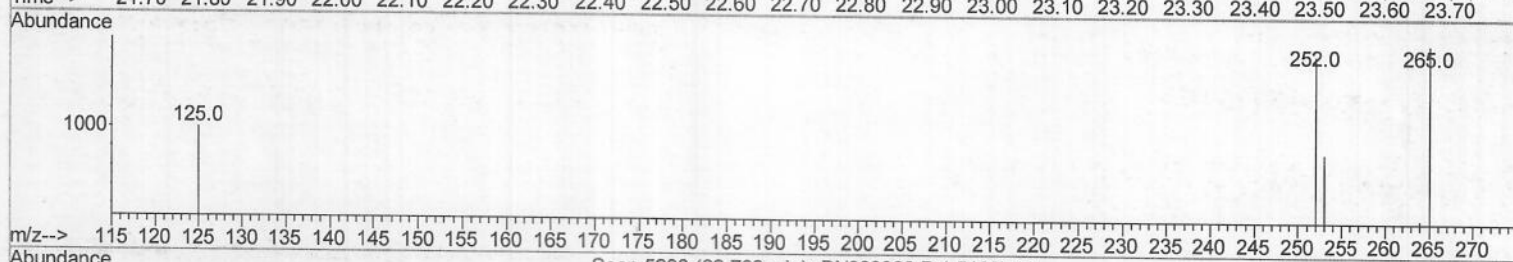
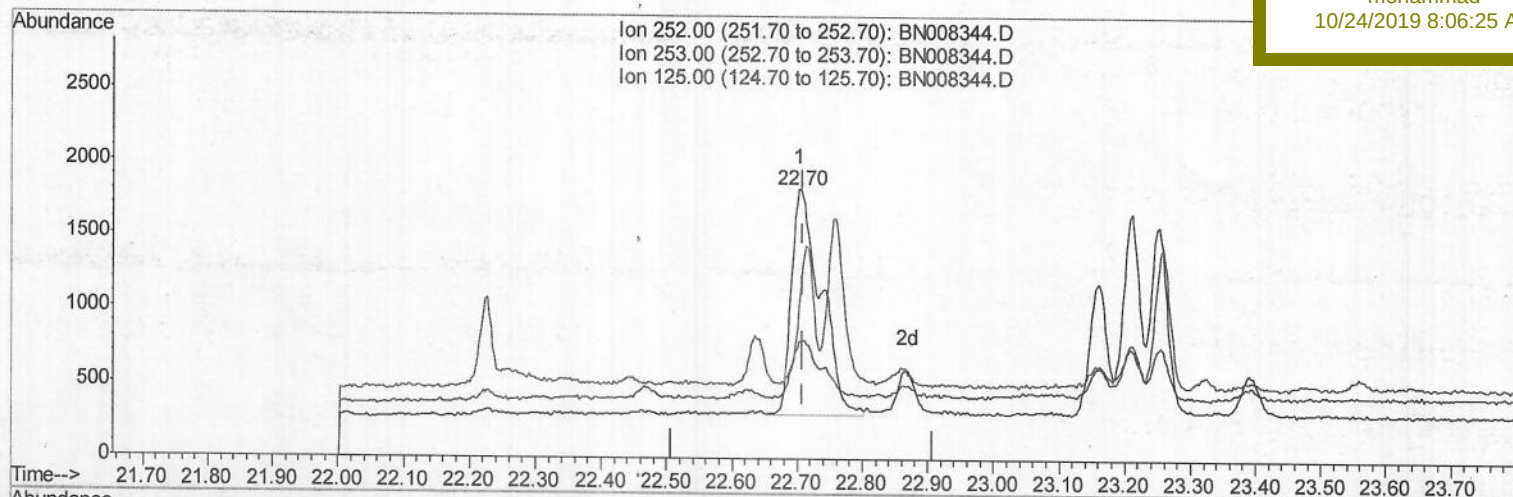
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEPH7

Manual Integrations
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(21) Benzo(b)fluoranthene

22.703min (-0.006) 0.15ng/ul

response 4721

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	43.12
125.00	16.20	55.17#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\

Data File : BN008344.D

Acq On : 23 Oct 2019 09:18

Operator : JU

Sample : K5223-15

Misc :

ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 23 09:50:10 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 : Mon Oct 21 23:58:15 2019

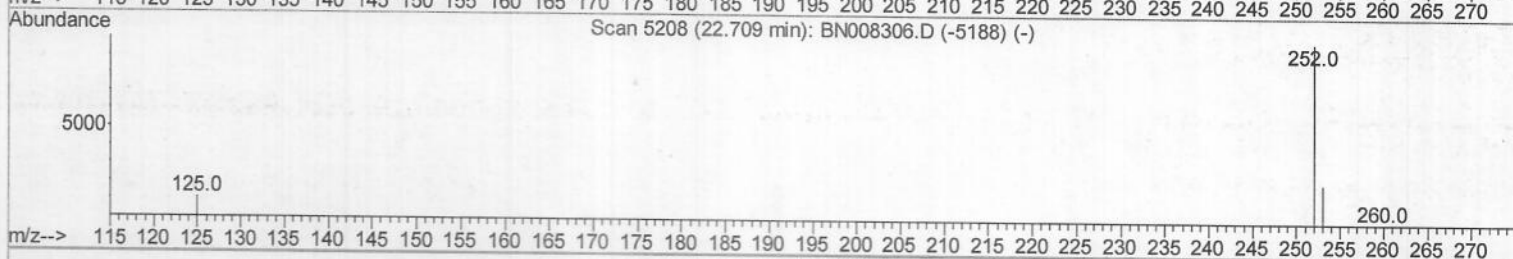
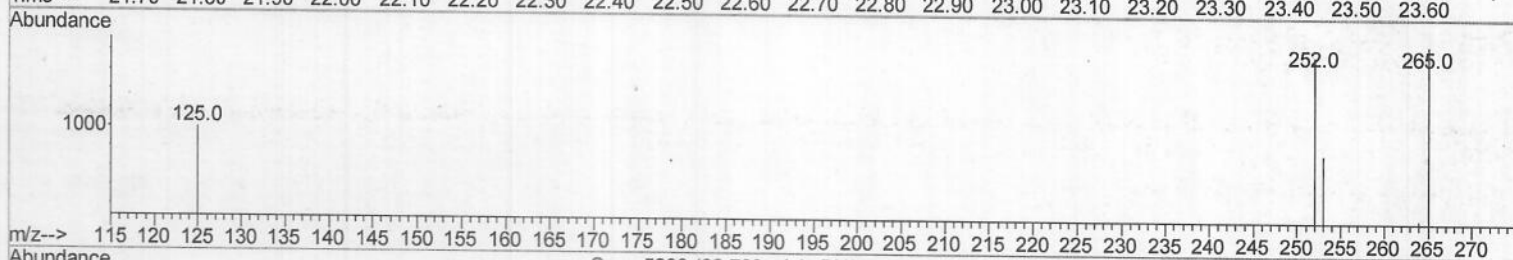
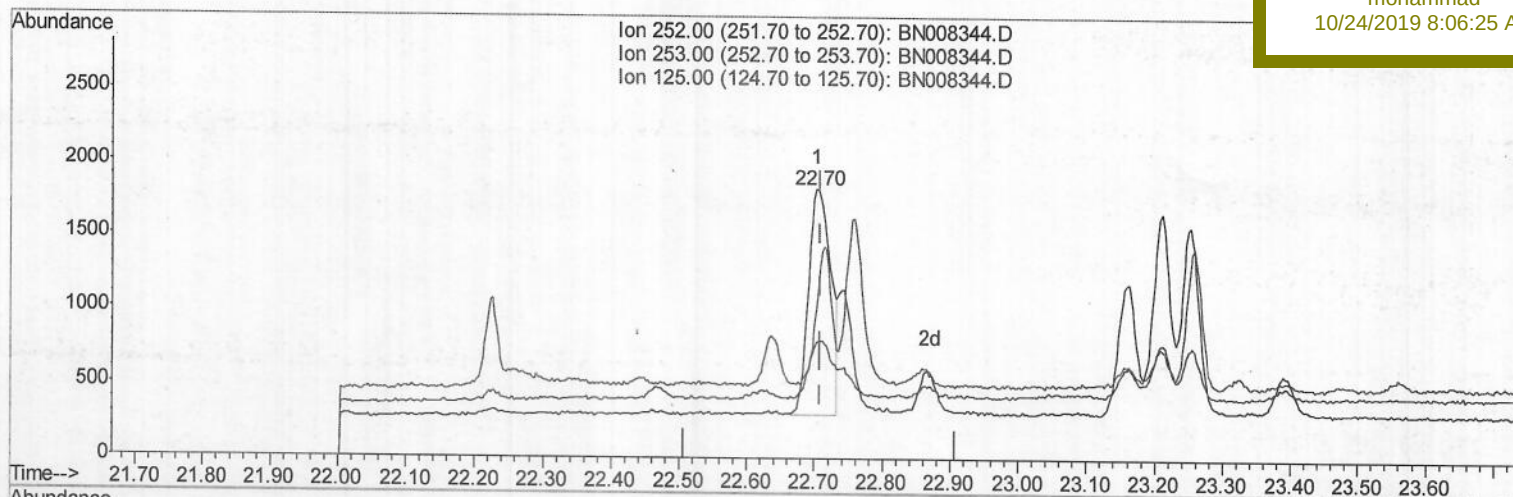
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

BEPH7

Manual Integrations
APPROVEDmohammad
10/24/2019 8:06:25 AM

TIC: BN008344.D

(21) Benzo(b)fluoranthene

22.703min (-0.006) 0.11ng/ul m) JU

response 3416

10/24/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	43.12
125.00	16.20	55.17#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\

Data File : BN008344.D

Acq On : 23 Oct 2019 09:18

Operator : JU

Sample : K5223-15

Misc :

ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 23 09:50:10 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 : Mon Oct 21 23:58:15 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

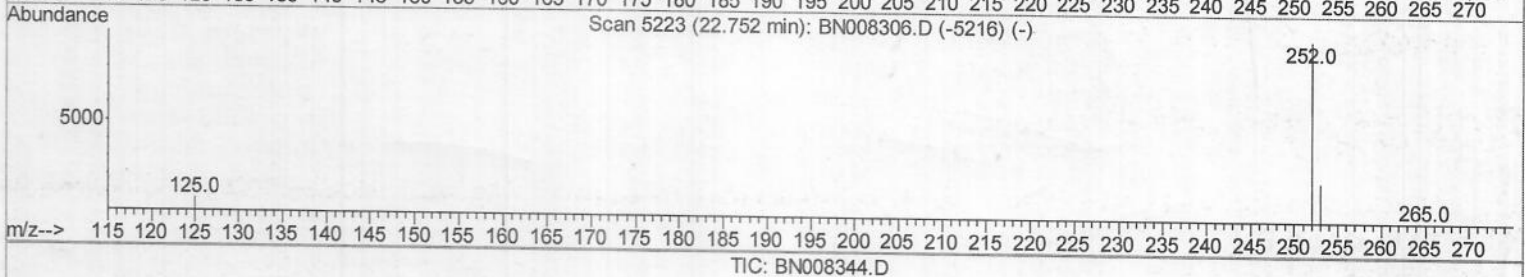
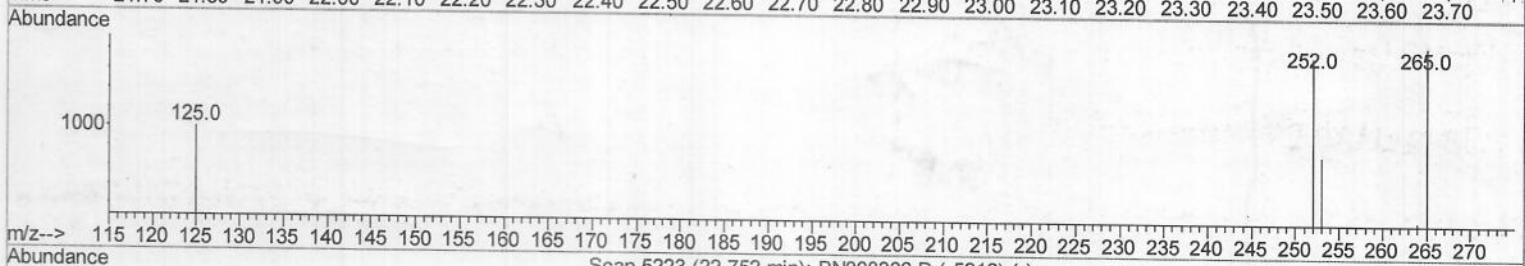
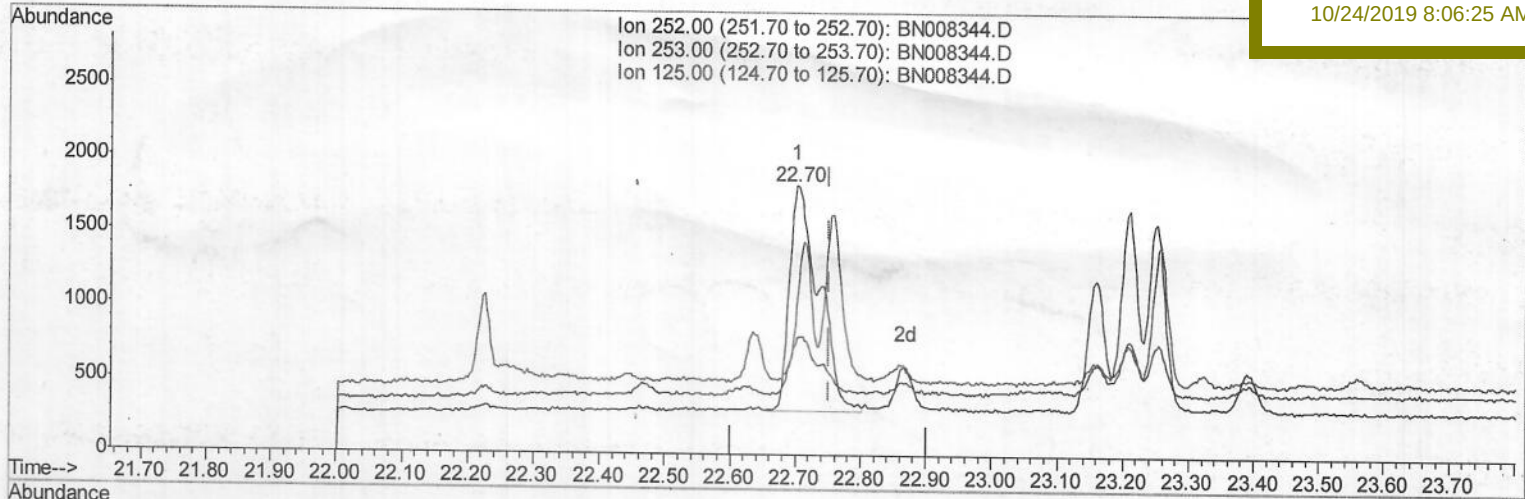
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Manual Integrations

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(22) Benzo(k)fluoranthene

22.703min (-0.050) 0.13ng/ul

response 4721

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	43.12#
125.00	15.40	55.17#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\

Data File : BN008344.D

Acq On : 23 Oct 2019 09:18

Operator : JU

Sample : K5223-15

Misc :

ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 23 09:50:10 2019

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

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QLast Update : Mon Oct 21 23:58:15 2019

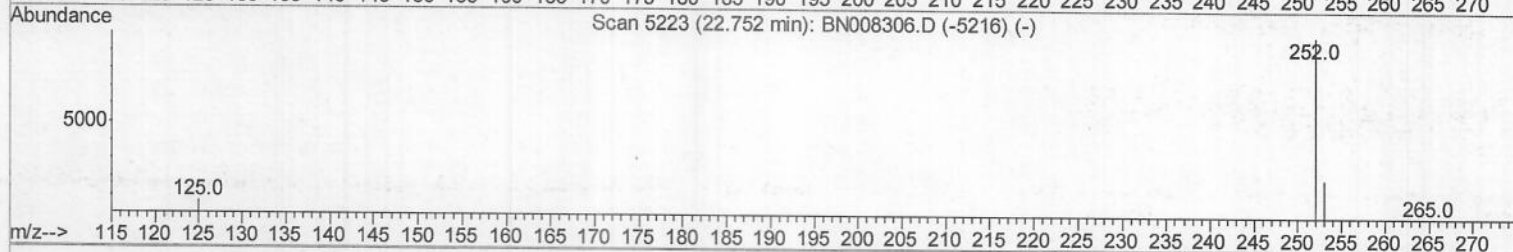
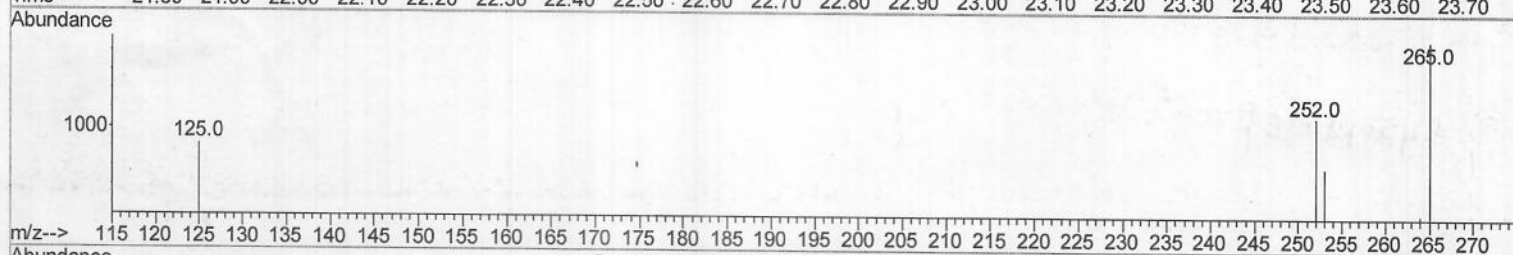
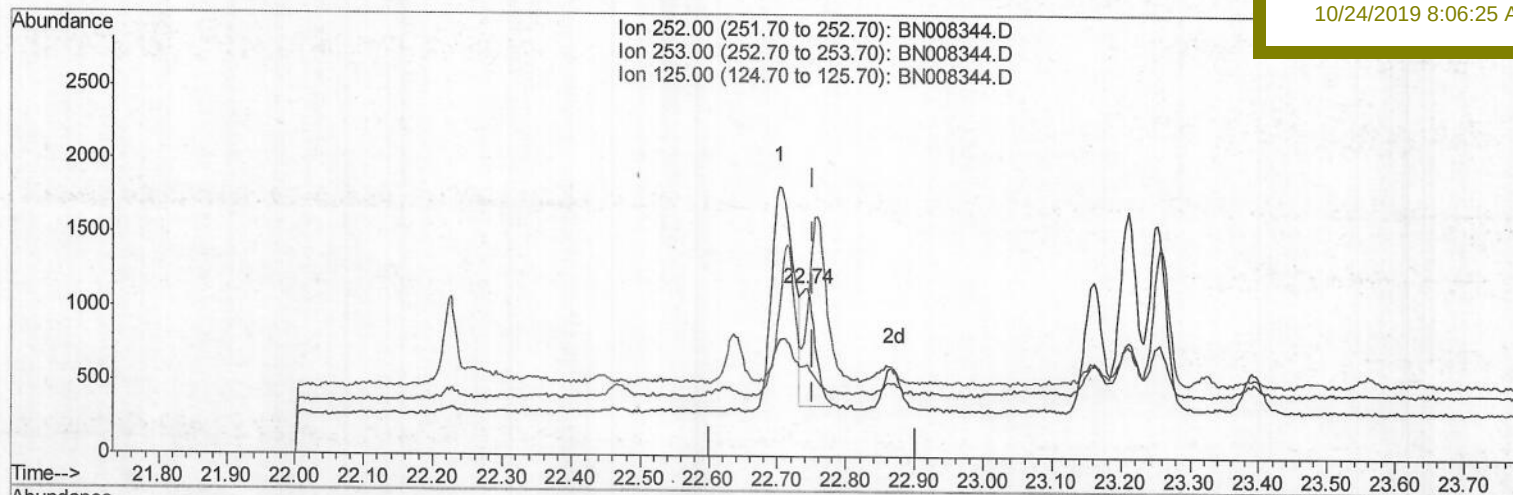
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEPH7

Manual Integrations
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(22) Benzo(k)fluoranthene

22.741min (-0.012) 0.03ng/ul m) JU

response 1123

10/24/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	53.70#
125.00	15.40	73.42#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\

Data File : BN008344.D

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Operator : JU

Sample : K5223-15

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ALS Vial : 38 Sample Multiplier: 1

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Instrument :

BNA_N

Client Sample Id :

BEPH7

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1849	0.40	nq/ul	-0.01
2) Naphthalene-d8	10.34	136	9137	0.40	nq/ul	-0.02
6) Acenaphthene-d10	14.22	164	5767	0.40	nq/ul	0.00
10) Phenanthrene-d10	16.97	188	12640m)	0.40	nq/ul	0.00
16) Chrysene-d12	21.17	240	10741	0.40	nq/ul	0.00
20) Perylene-d12	23.35	264	9624	0.40	ng/ul	0.00

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.95	152	4113	0.27	nq/ul	-0.01
14) Fluoranthene-d10	19.00	212	11253	0.26	ng/ul	0.00

Target Compounds

					Ovalue	
12) Phenanthrene	17.00	178	2206	0.060	nq/ul#	93
15) Fluoranthene	19.03	202	5544	0.113	nq/ul	95
17) Pyrene	19.39	202	4778m)	0.112	nq/ul	
18) Benzo(a)anthracene	21.16	228	2635	0.067	nq/ul#	91
19) Chrysene	21.21	228	2720	0.057	nq/ul#	92
21) Benzo(b)fluoranthene	22.70	252	3416m)	0.109	nq/ul	
22) Benzo(k)fluoranthene	22.74	252	1123m)	0.032	nq/ul	
23) Benzo(a)pyrene	23.25	252	2140	0.065	nq/ul#	25
24) Indeno(1,2,3-cd)pyrene	25.50	276	1430	0.037	nq/ul#	96
26) Benzo(a,h,i)perylene	26.15	276	1408	0.040	nq/ul#	69

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