

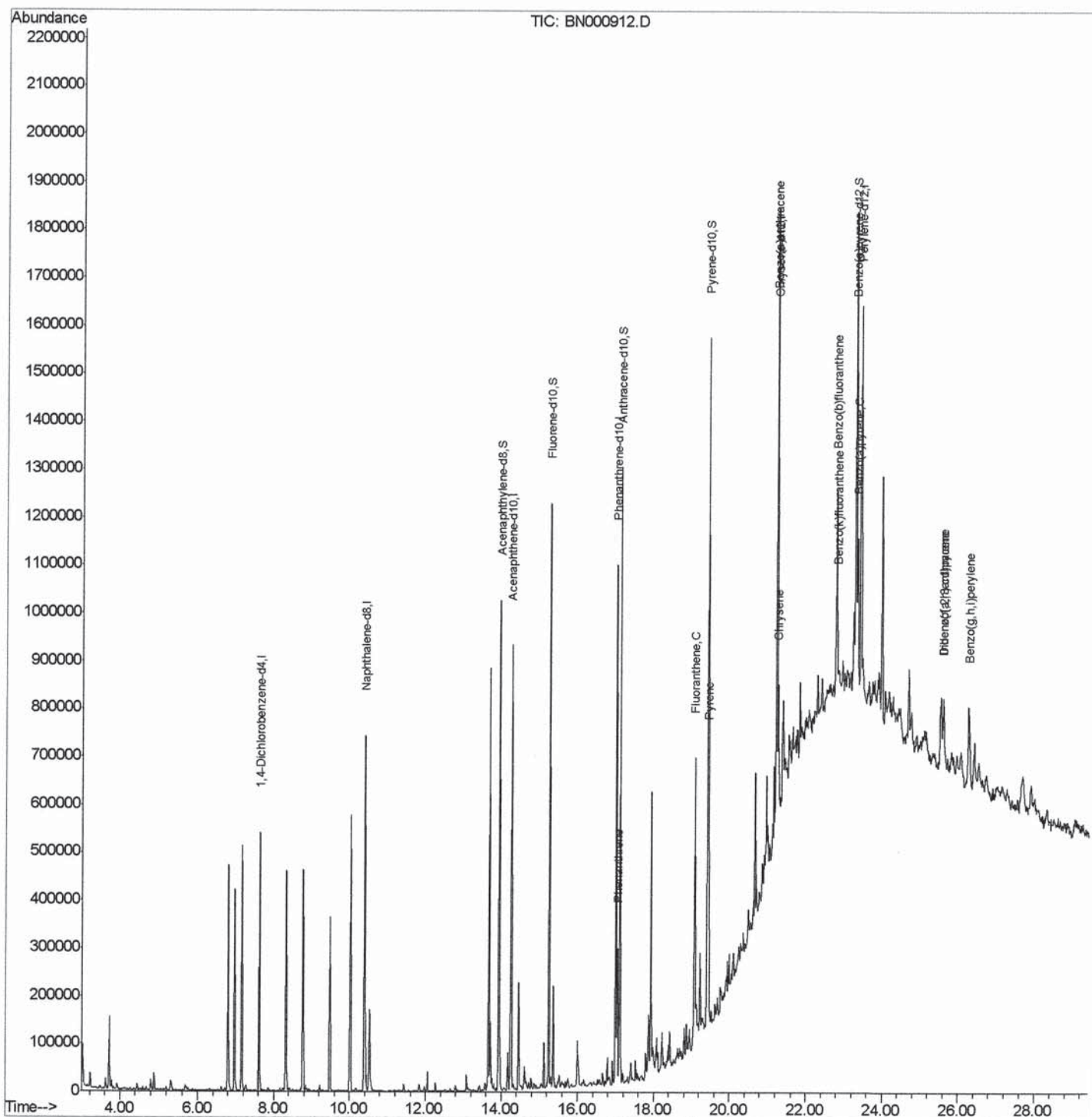
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000912.D
Acq On : 26 Apr 2018 03:21
Operator : JU/SJ
Sample : J2444-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DARS1

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:15 PM

Quant Time: Apr 26 08:45:48 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

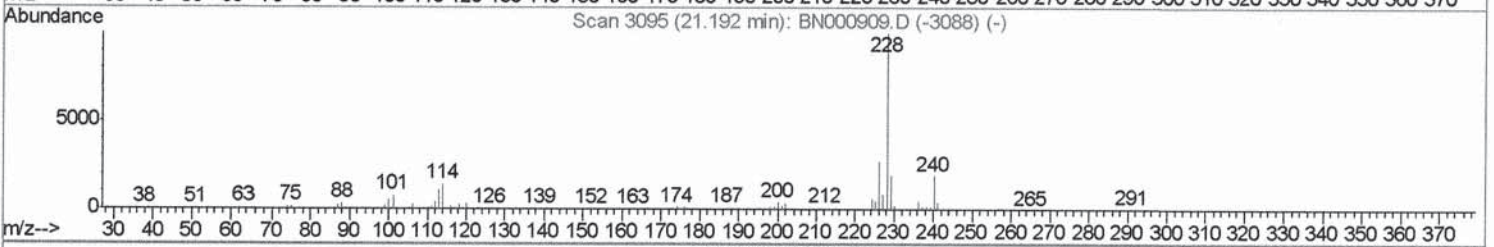
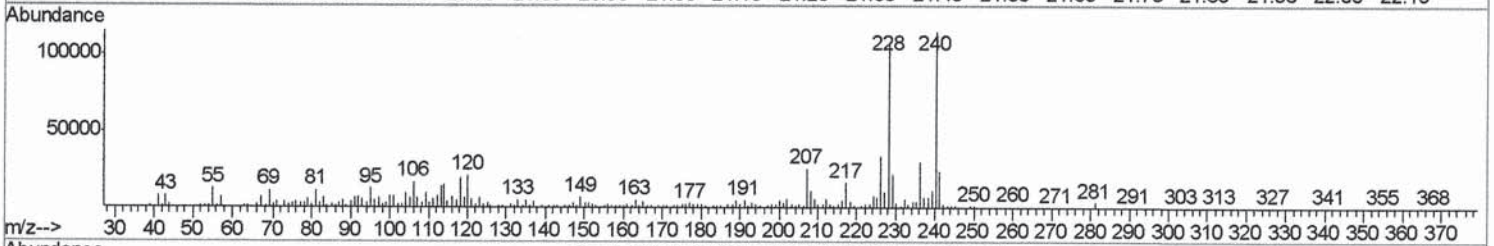
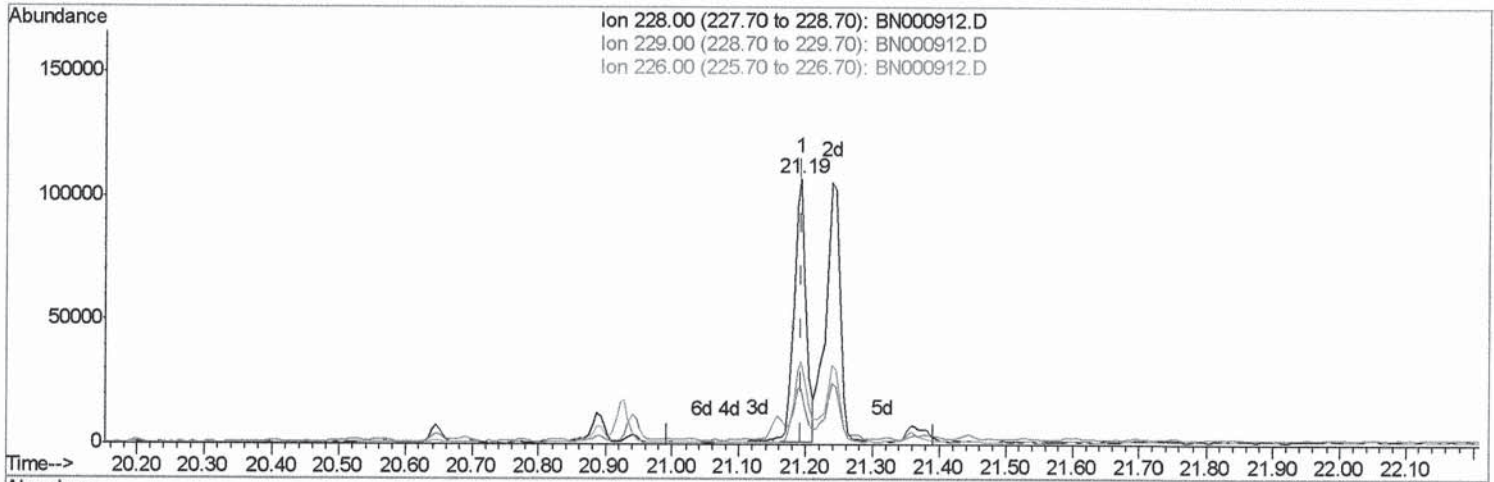
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TIC: BN000912.D

(20) Benzo(a)anthracene

21.192min (-0.000) 4.62ng/ui

response 137342

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.10
226.00	26.40	31.55
0.00	0.00	0.00

Quantitation Report (Qedit)

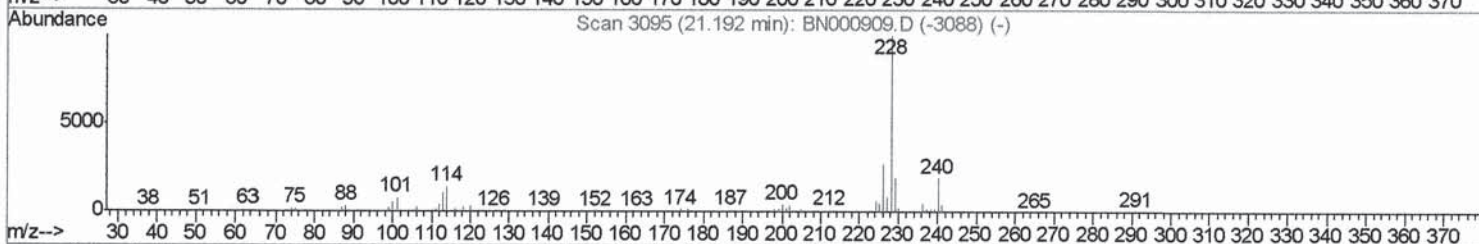
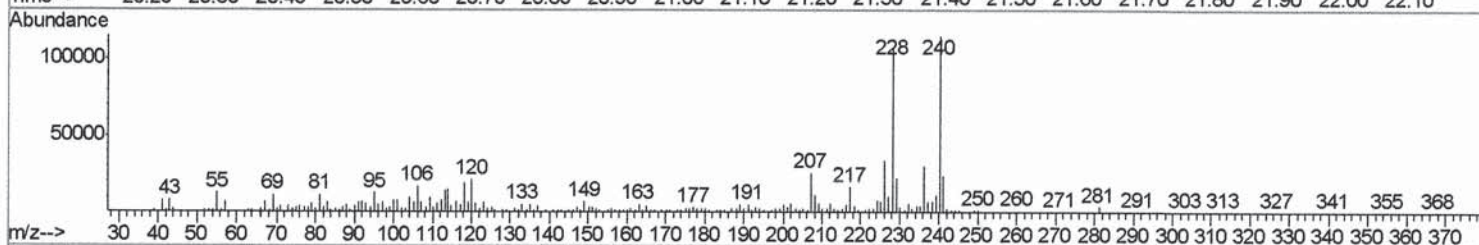
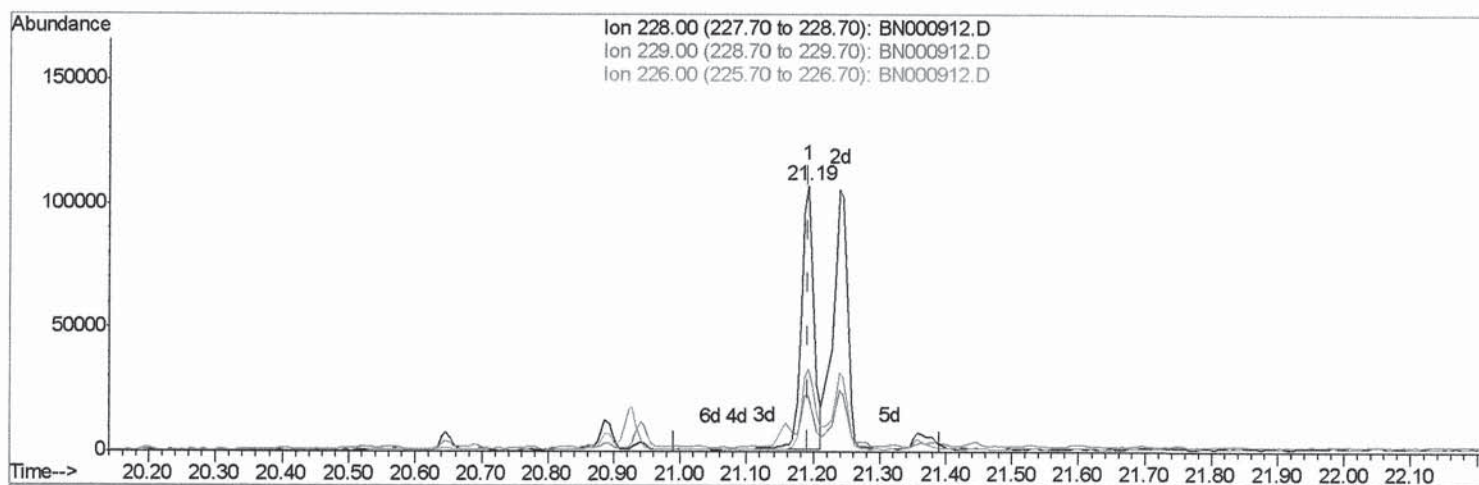
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Sample : J2444-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DARS1

Manual Integrations
APPROVED

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4/26/2018 6:23:15 PM

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TIC: BN000912.D

(20) Benzo(a)anthracene

21.192min (-0.000) 4.61ng/ul m

response 137163

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.10
226.00	26.40	31.55
0.00	0.00	0.00

Quantitation Report (Qedit)

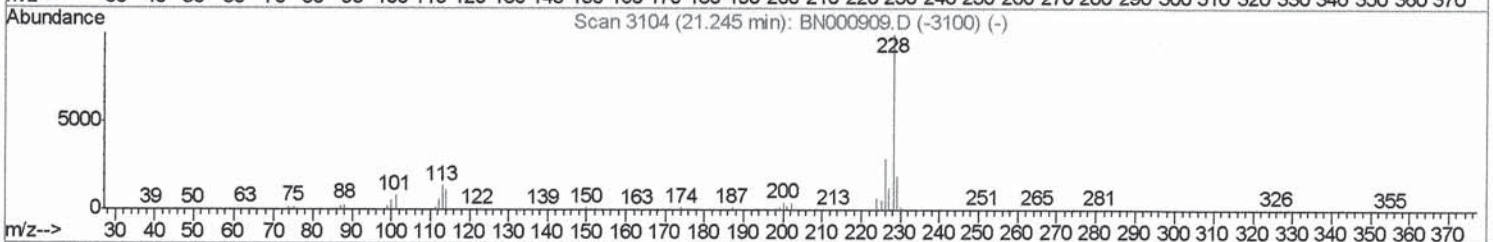
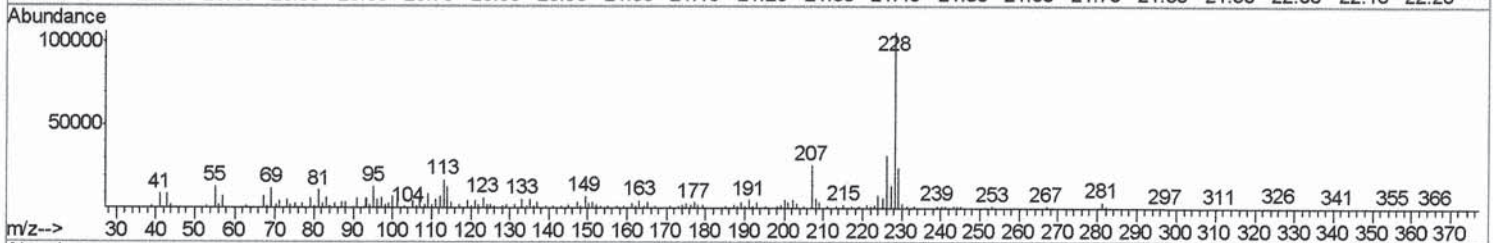
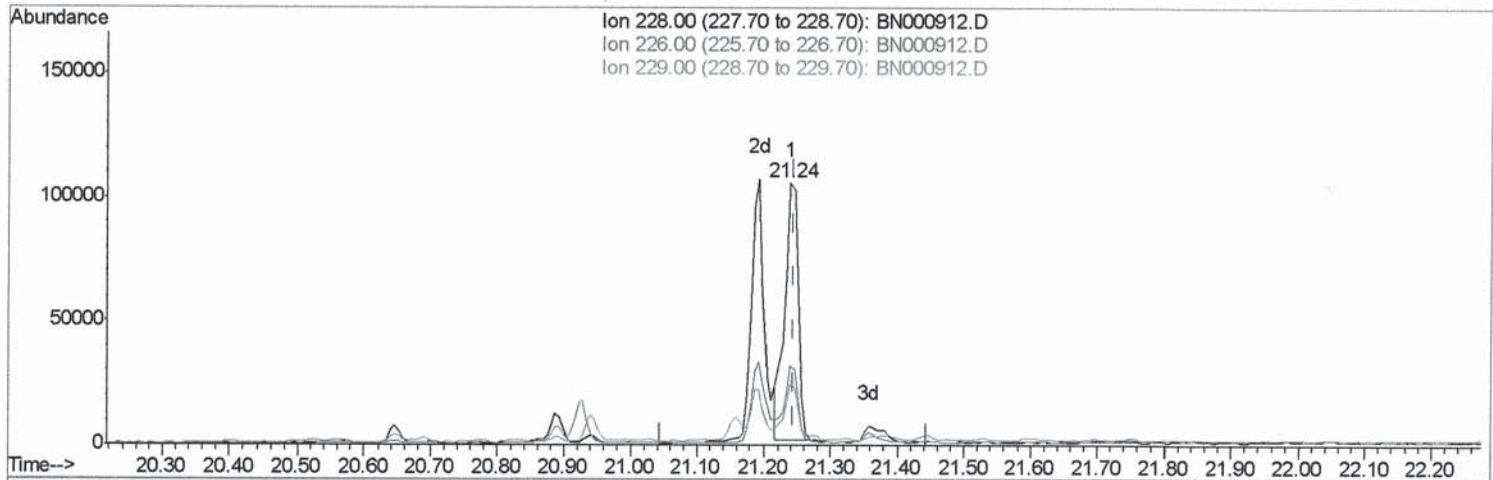
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Data File : BN000912.D
Acq On : 26 Apr 2018 03:21
Operator : JU/SJ
Sample : J2444-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampled :
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Manual Integrations
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TIC: BN000912.D

(21) Chrysene

21.239min (-0.006) 5.26ng/ul

response 146993

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.24
229.00	19.80	23.46
0.00	0.00	0.00

Quantitation Report (Qedit)

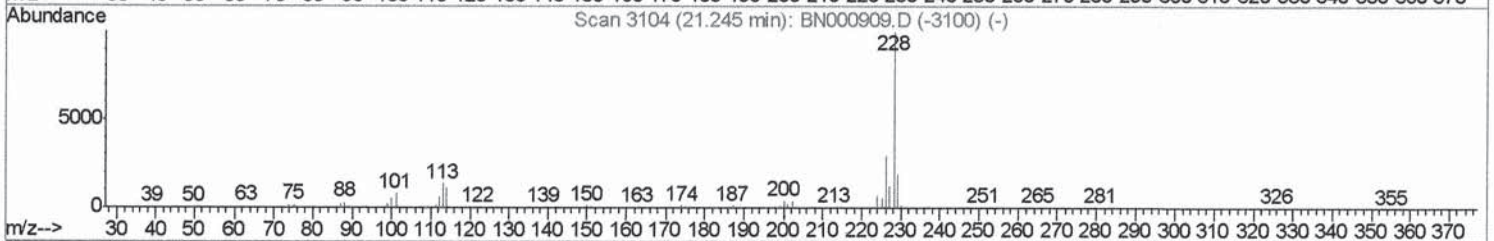
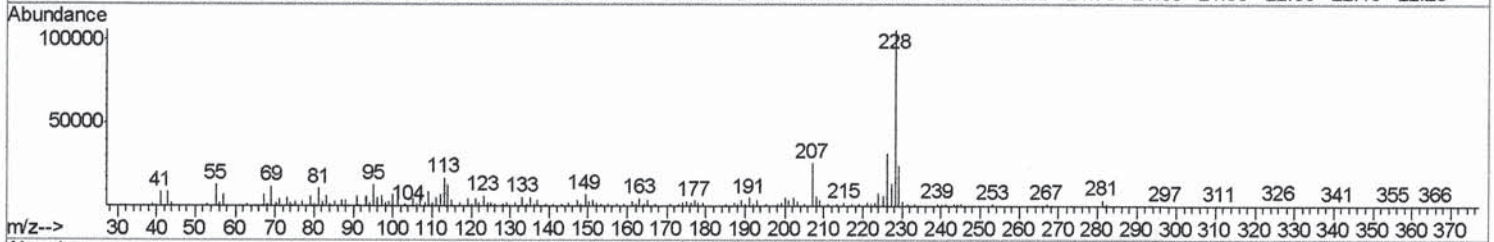
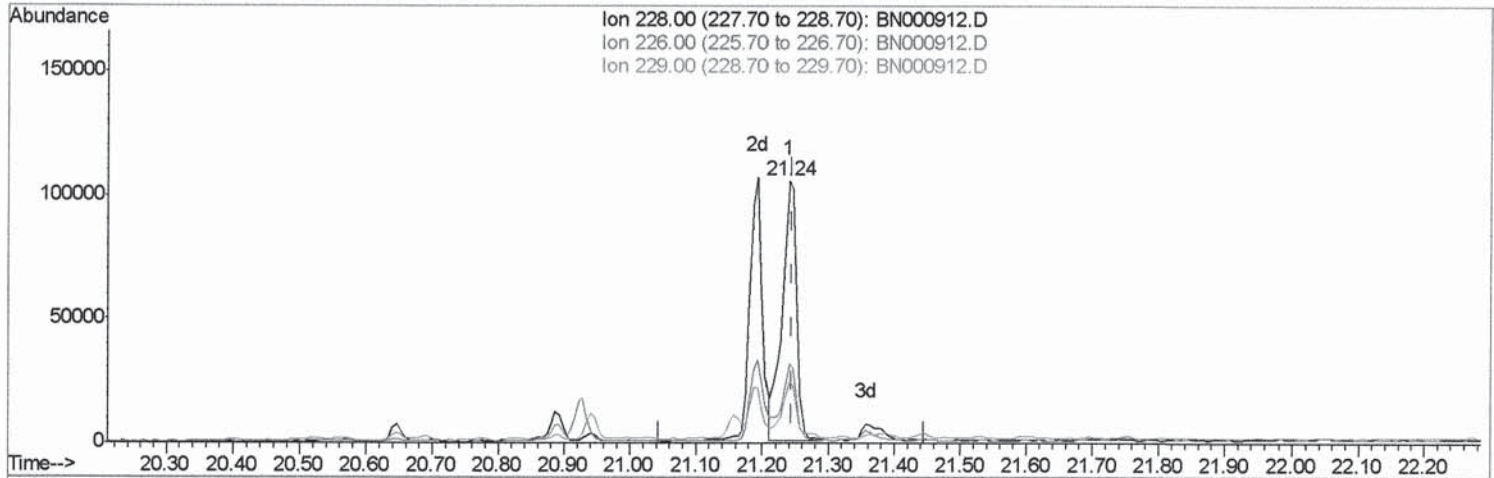
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARS1

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:15 PM

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BN000912.D

(21) Chrysene

21.239min (-0.006) 5.70ng/ul m

response 159204

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.24
229.00	19.80	23.46
0.00	0.00	0.00

Quantitation Report (Qedit)

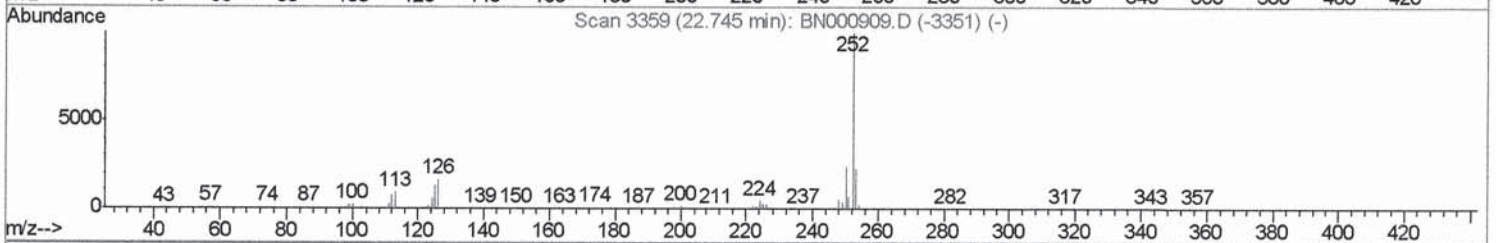
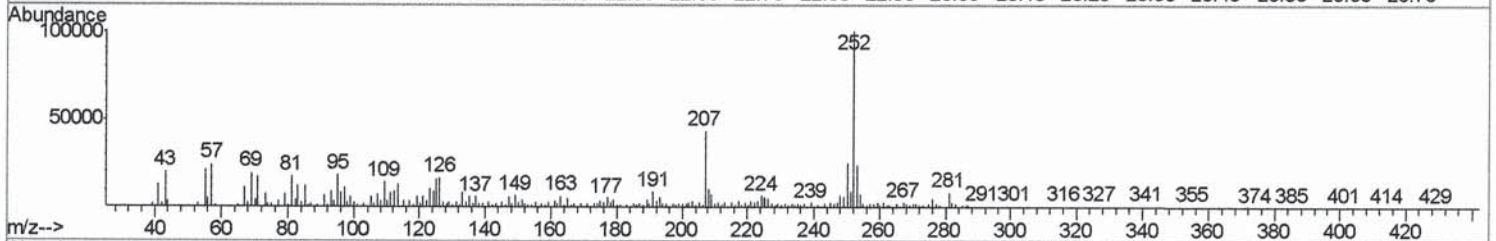
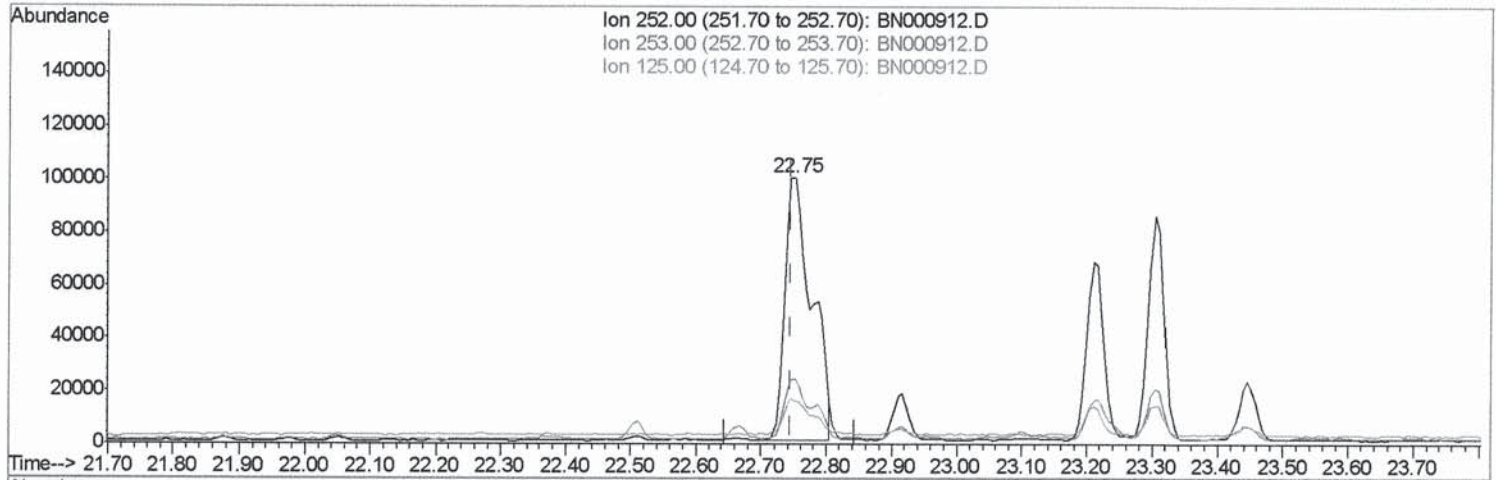
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 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARS1

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:15 PM

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TIC: BN000912.D

(23) Benzo(b)fluoranthene

22.751min (+0.006) 9.41ng/ul

response 283007

Ion Exp% Act%

252.00 100 100

253.00 22.50 24.54

125.00 10.00 16.27#

0.00 0.00 0.00

Quantitation Report (Qedit)

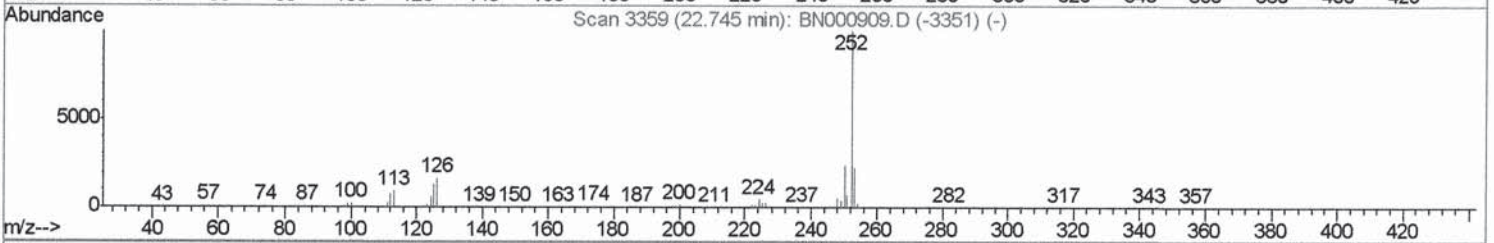
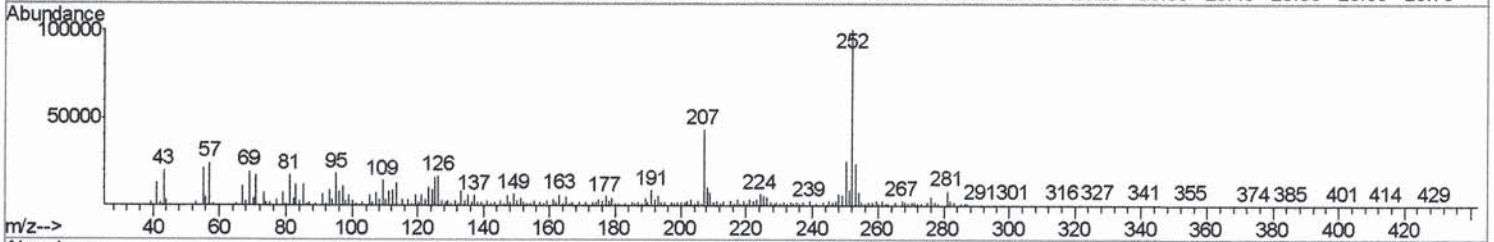
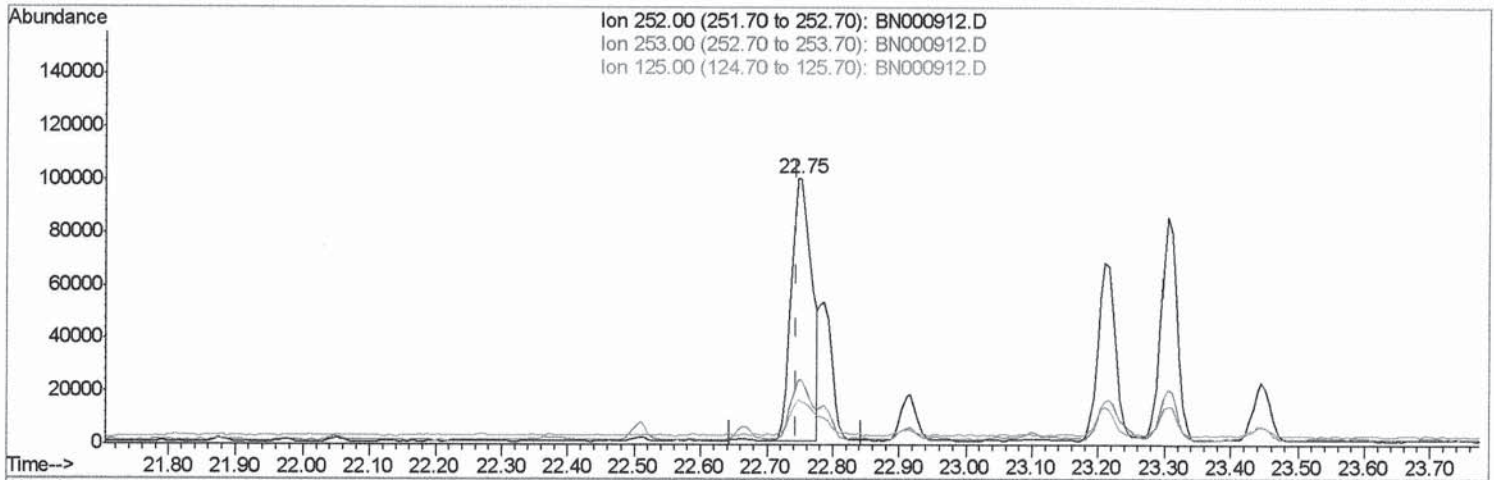
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARS1

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:15 PM

Quant Time: Apr 26 08:37:27 2018
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 Response via : Initial Calibration



TIC: BN000912.D

(23) Benzo(b)fluoranthene

22.751min (+0.006) 7.17ng/ul m

response 215744

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.54
125.00	10.00	16.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

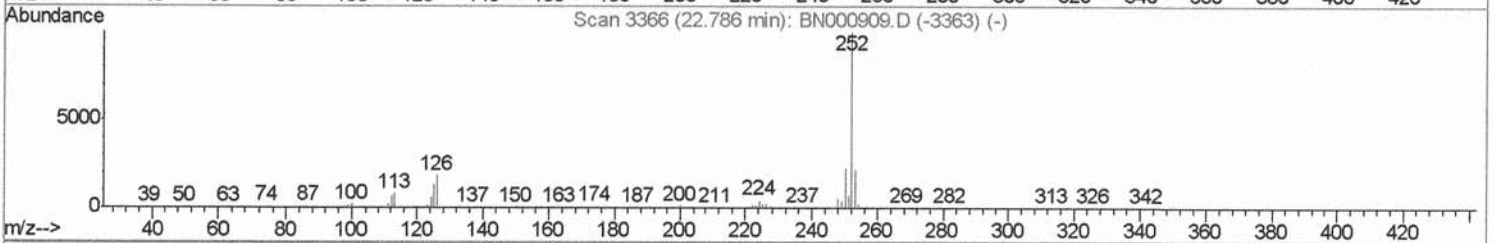
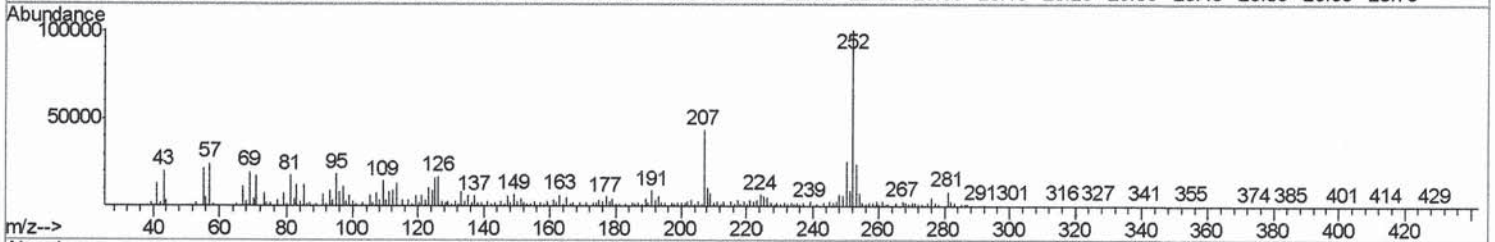
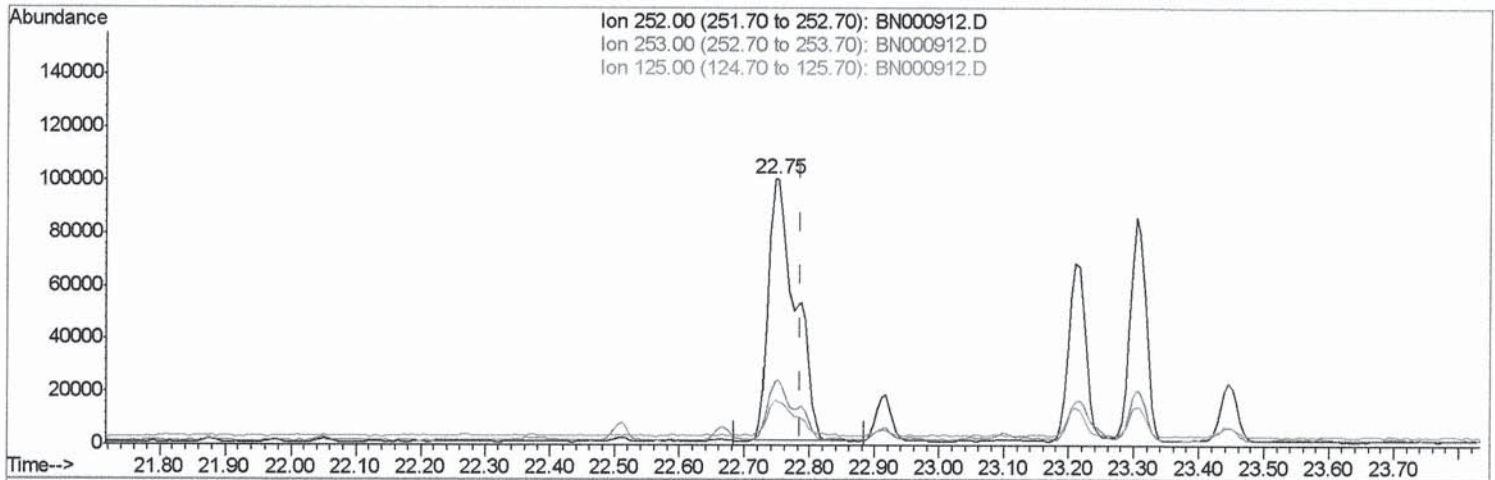
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 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARS1

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:15 PM

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TIC: BN000912.D

(24) Benzo(k)fluoranthene

22.751min (-0.035) 9.61ng/ul

response 282852

Ion Exp% Act%

252.00 100 100

253.00 22.50 24.54

125.00 10.10 16.27#

0.00 0.00 0.00

Quantitation Report (Qedit)

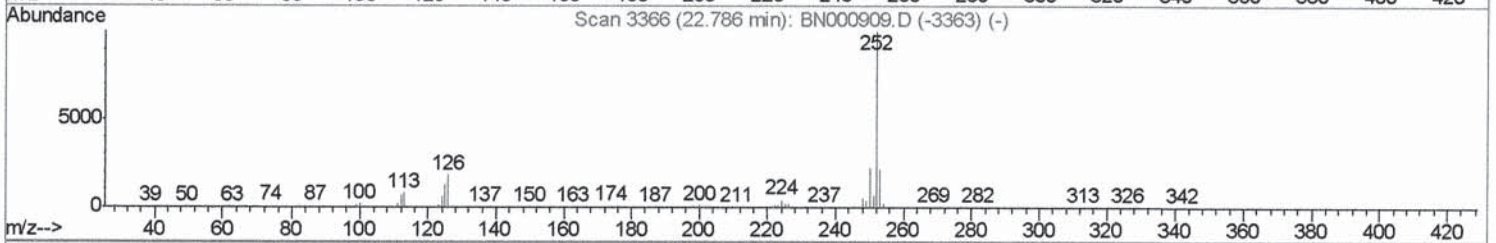
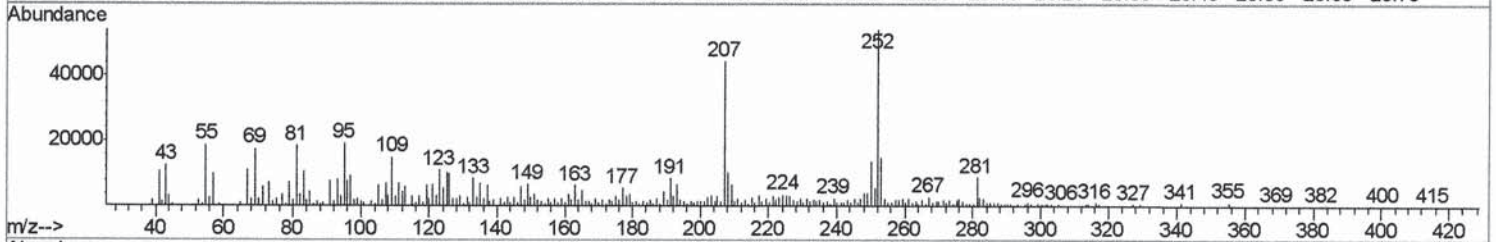
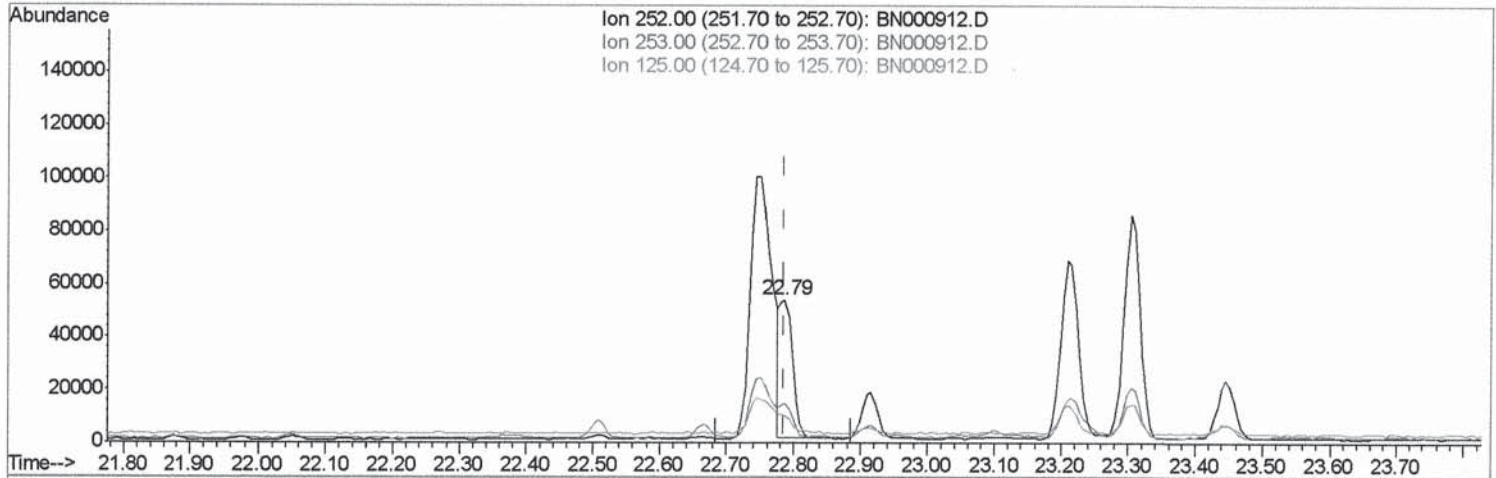
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARS1

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:15 PM

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 Response via : Initial Calibration



TIC: BN000912.D

(24) Benzo(k)fluoranthene

22.786min (-0.000) 2.41ng/ul m

response 71079

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.78#
125.00	10.10	19.59#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	132264	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	567604	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	282401	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	547718	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	497320	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	529448	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	642944	23.71	ng/ul	0.00
10) Fluorene-d10	15.25	176	442650	24.45	ng/ul	0.00
14) Anthracene-d10	17.10	188	632391	25.25	ng/ul	0.00
18) Pyrene-d10	19.40	212	640413	25.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	671698	26.86	ng/ul	0.00

Target Compounds

					Ovalue	
13) Phenanthrene	17.04	178	151301	5.065	ng/ul	99
16) Fluoranthene	19.06	202	316683	10.449	ng/ul#	93
19) Pyrene	19.43	202	287803	9.010	ng/ul#	92
20) Benzo(a)anthracene	21.19	228	137163m	4.614	ng/ul	
21) Chrysene	21.24	228	159204m	5.698	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	215744m	7.170	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	71079m	2.414	ng/ul	
26) Benzo(a)pyrene	23.30	252	144055	5.010	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.57	276	114809	3.306	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.59	278	30445	1.052	ng/ul#	59
29) Benzo(a,h,i)perylene	26.24	276	158911	5.471	ng/ul#	90

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