

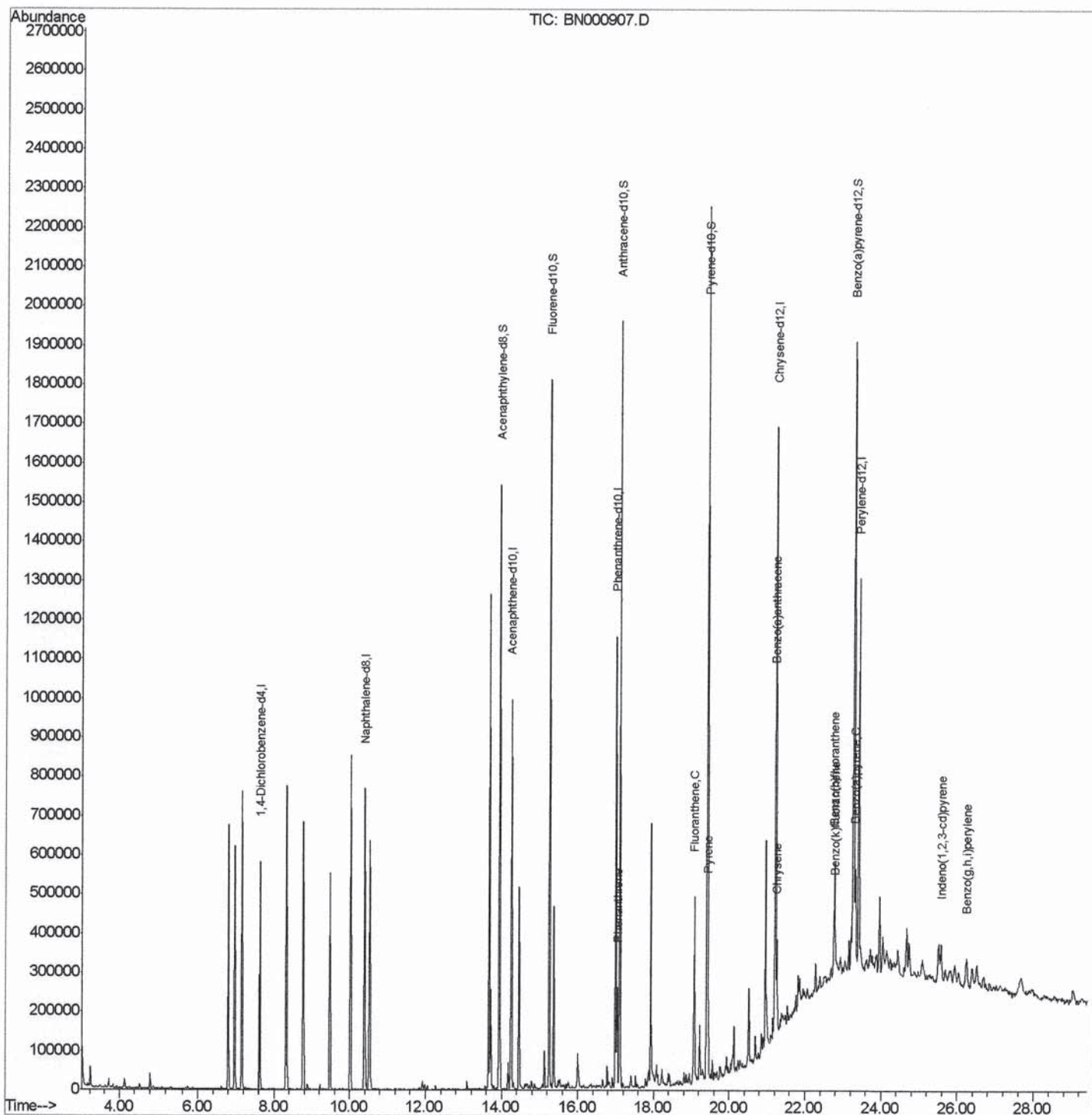
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000907.D
Acq On : 26 Apr 2018 00:27
Operator : JU/SJ
Sample : J2485-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS45

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:05 PM

Quant Time: Apr 26 08:30:00 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

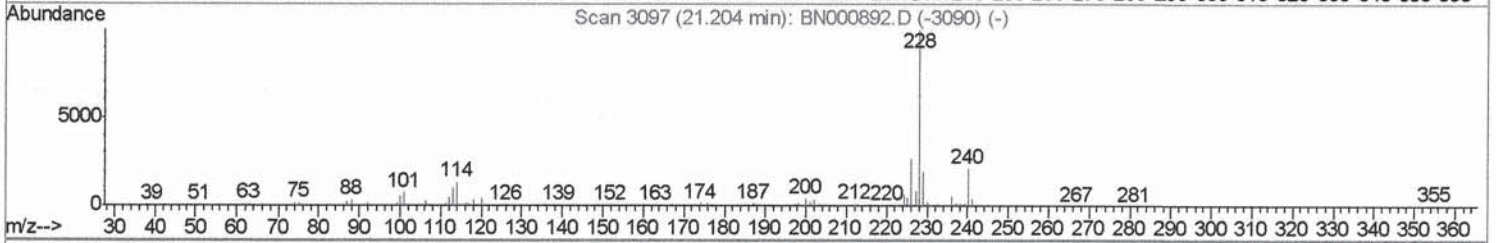
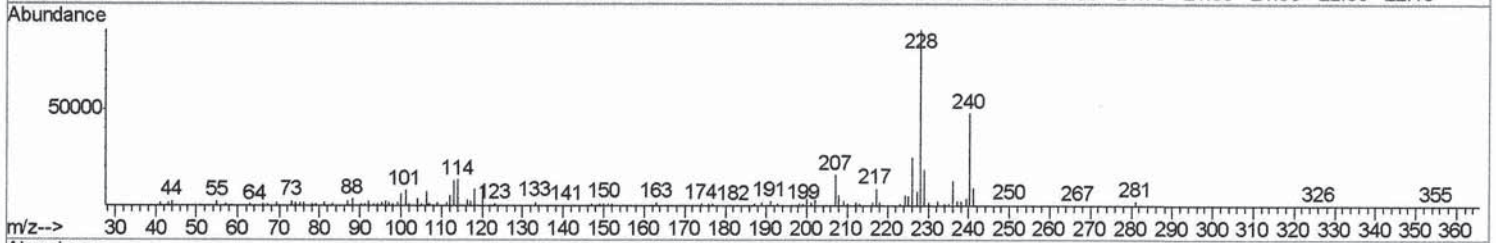
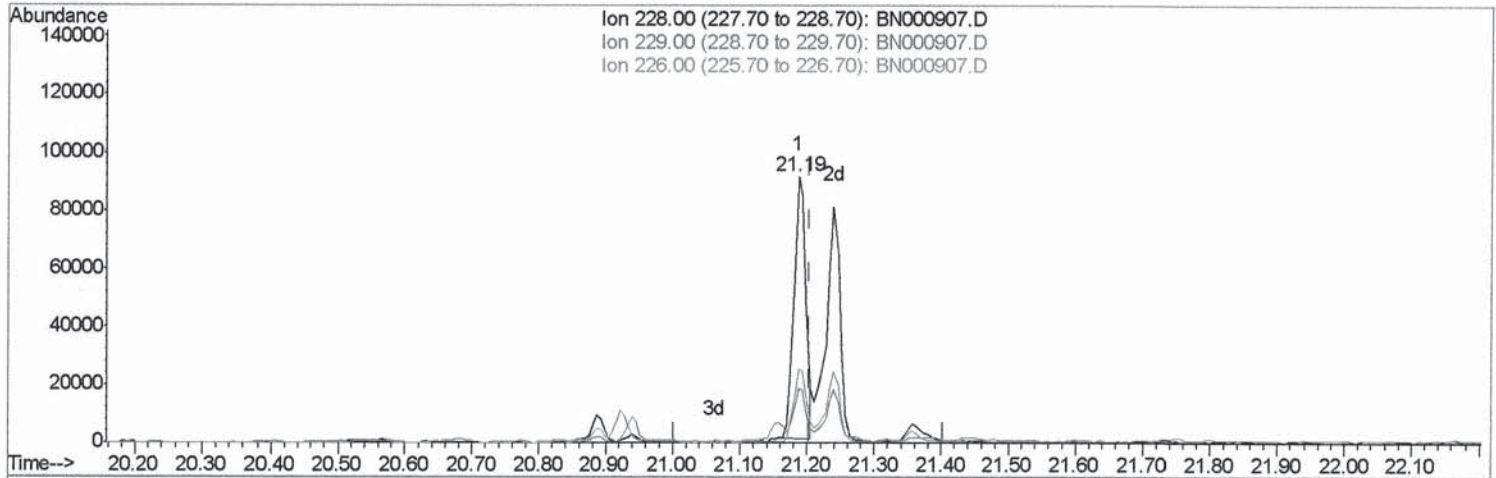
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
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 QLast Update : Thu Apr 26 07:55:11 2018
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(20) Benzo(a)anthracene

21.186min (-0.018) 3.15ng/ui

response 113053

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.62
226.00	26.40	27.84
0.00	0.00	0.00

Quantitation Report (Qedit)

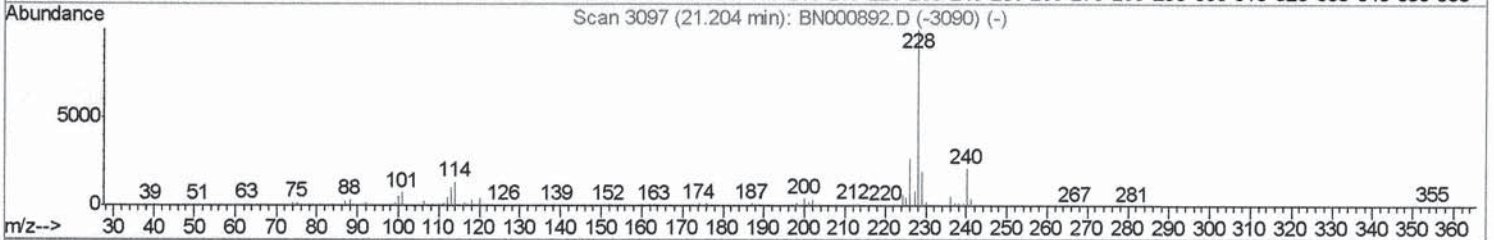
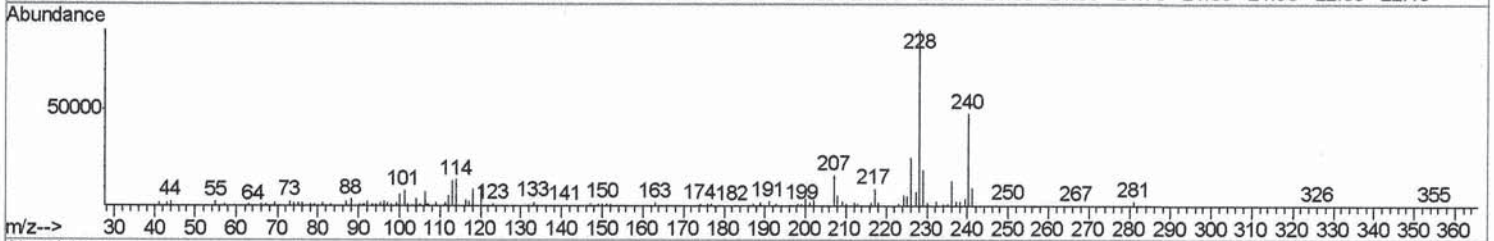
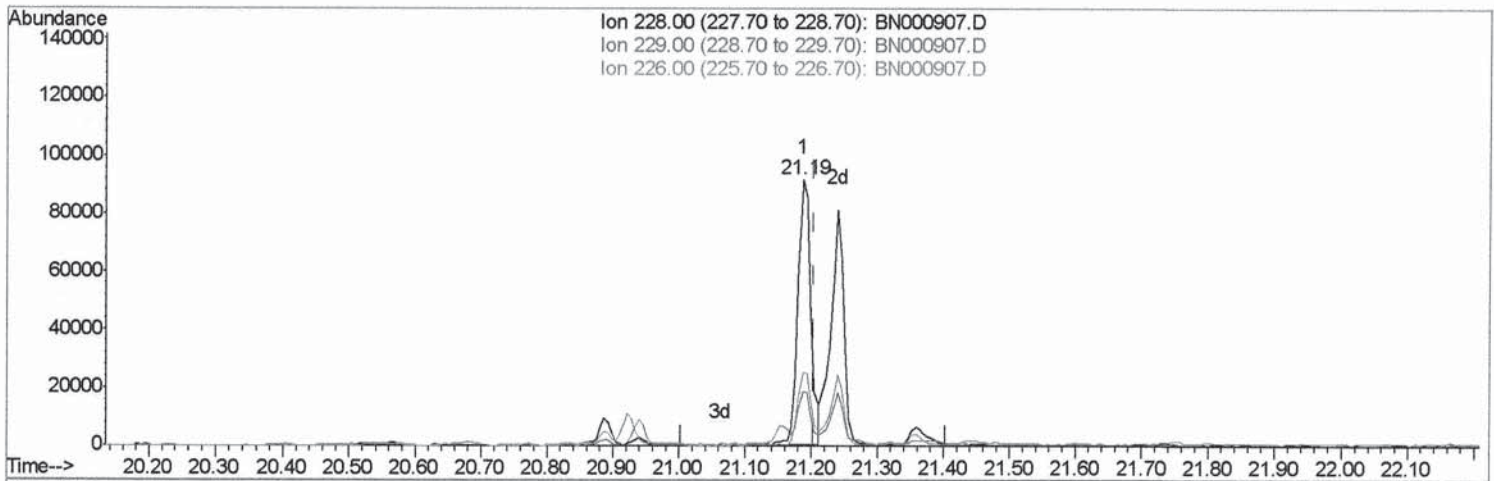
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
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 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS45

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:05 PM

Quant Time: Apr 26 08:00:55 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: BN000907.D

(20) Benzo(a)anthracene

21.186min (-0.018) 3.43ng/ul m

response 123025

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.62
226.00	26.40	27.84
0.00	0.00	0.00

Quantitation Report (Qedit)

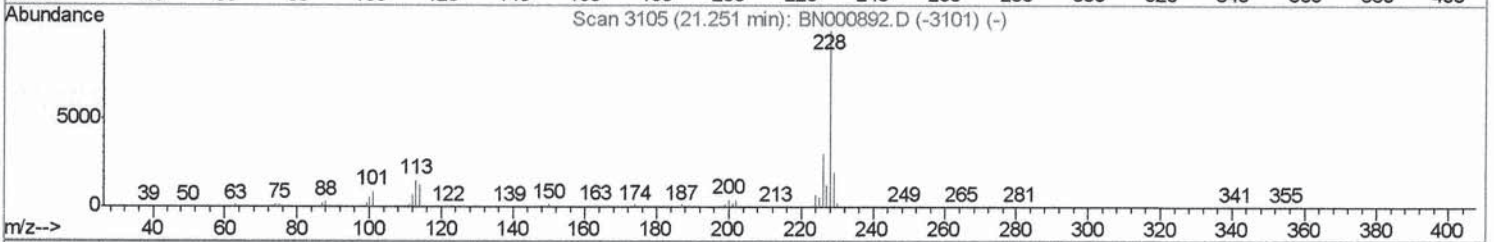
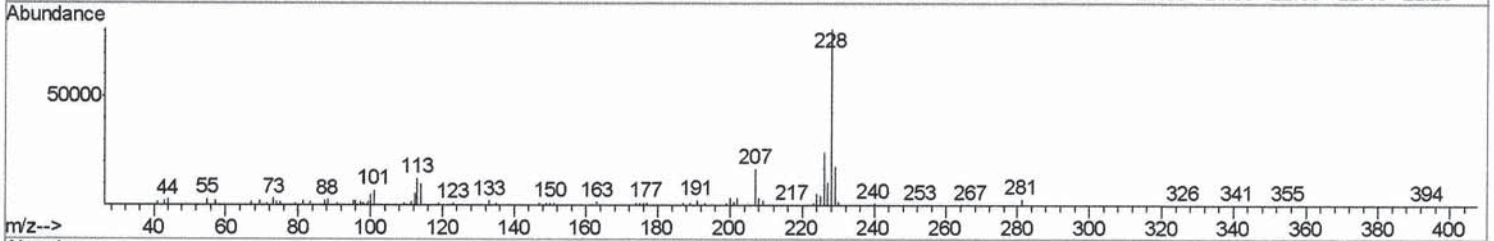
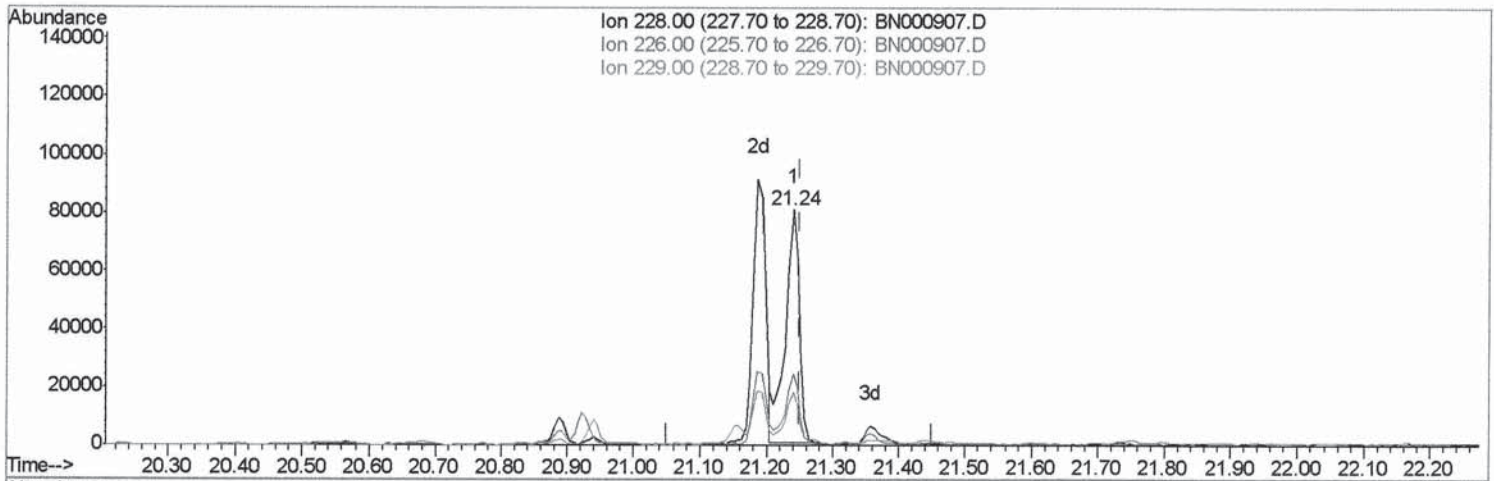
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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Quant Time: Apr 26 08:00:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
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TIC: BN000907.D

(21) Chrysene

21.239min (-0.012) 3.44ng/ul

response 116218

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.35
229.00	19.80	22.34
0.00	0.00	0.00

Quantitation Report (Qedit)

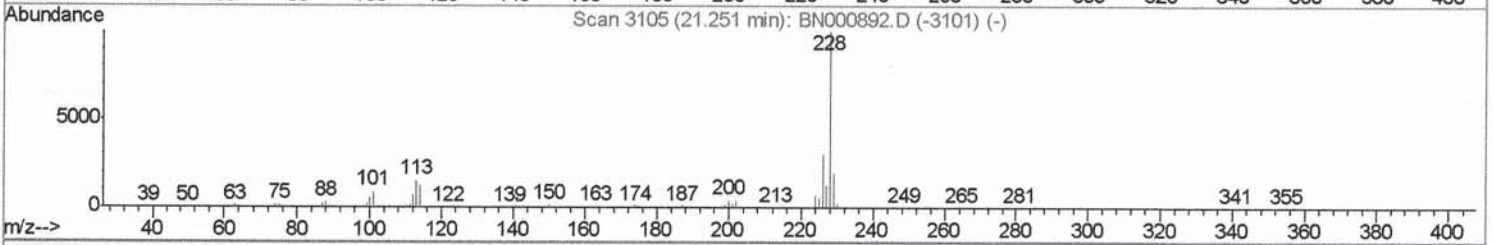
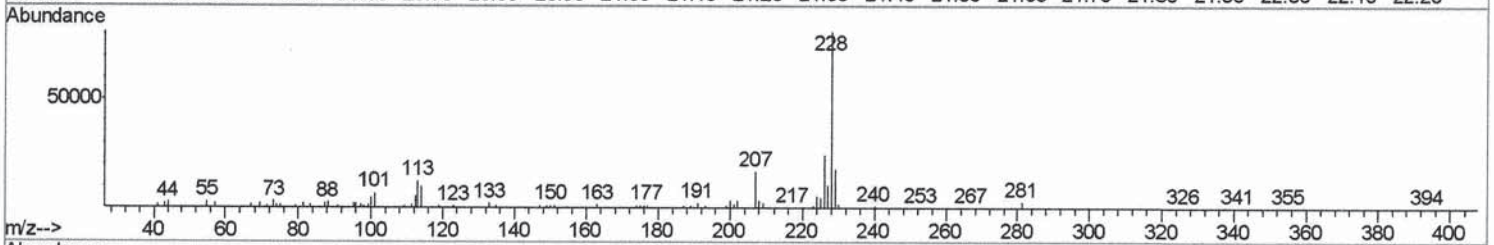
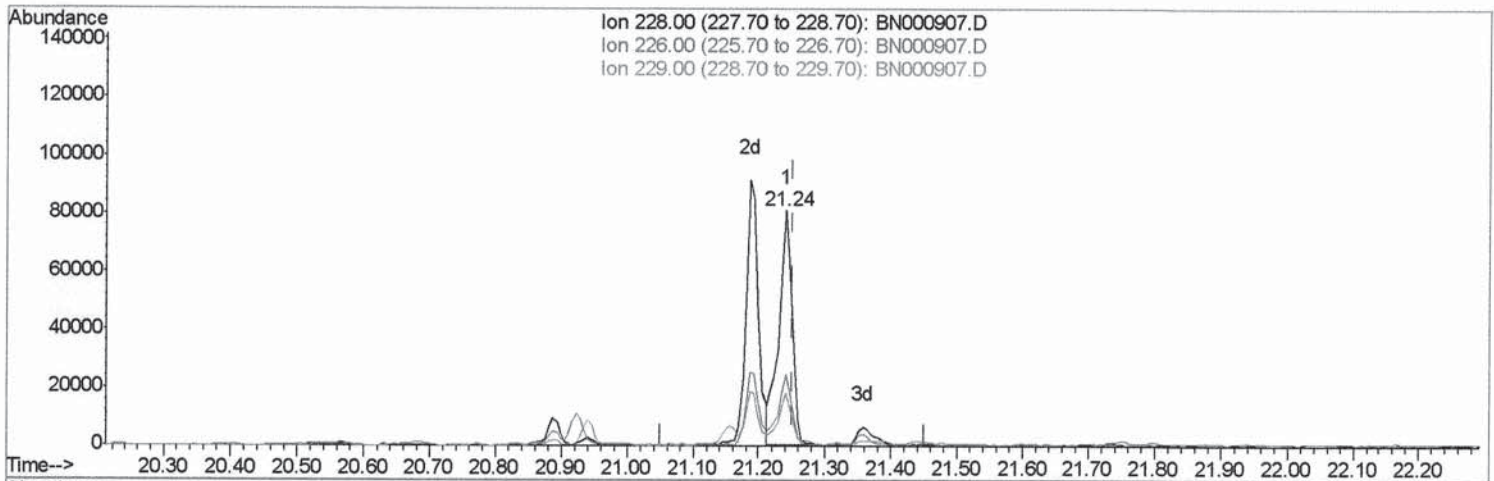
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS45

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:05 PM

Quant Time: Apr 26 08:00:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000907.D

(21) Chrysene

21.239min (-0.012) 3.37ng/ul

response 113599

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.35
229.00	19.80	22.34
0.00	0.00	0.00

Quantitation Report (Qedit)

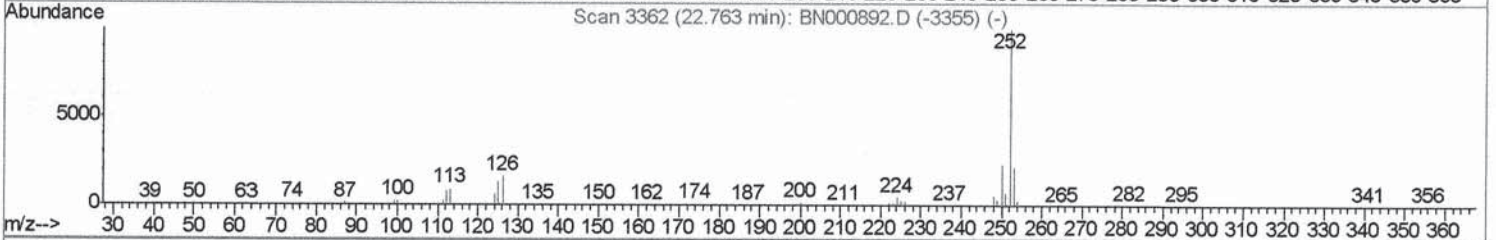
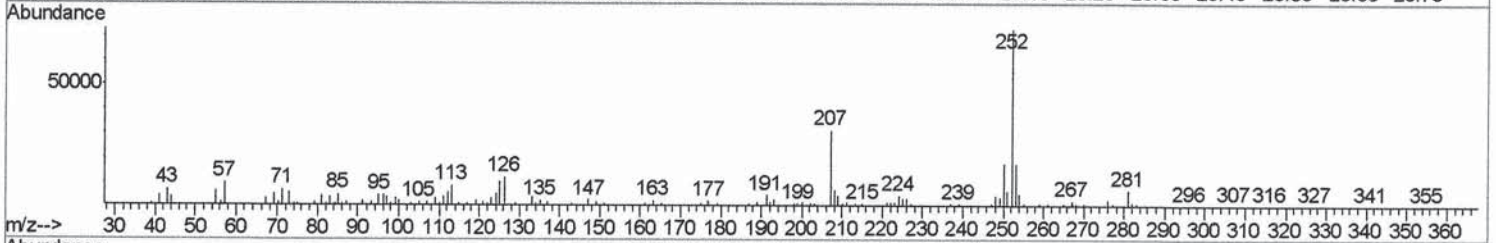
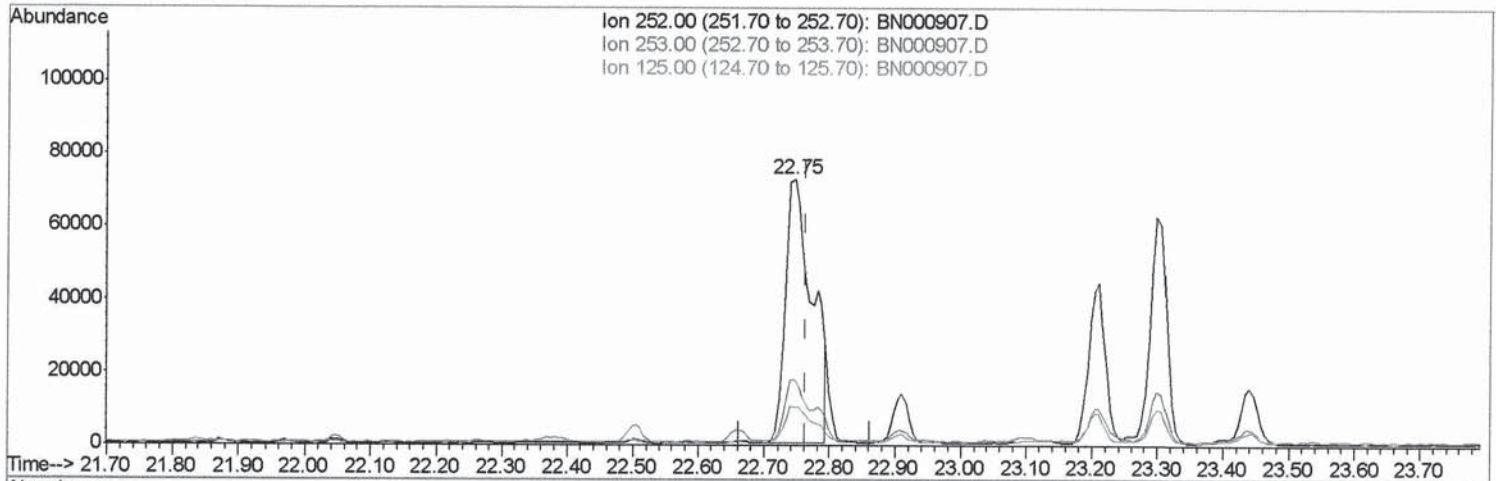
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS45

Manual Integrations
 APPROVED

Sohil
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(23) Benzo(b)fluoranthene
 22.745min (-0.018) 5.89ng/ul
 response 207224

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.38
125.00	10.00	14.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

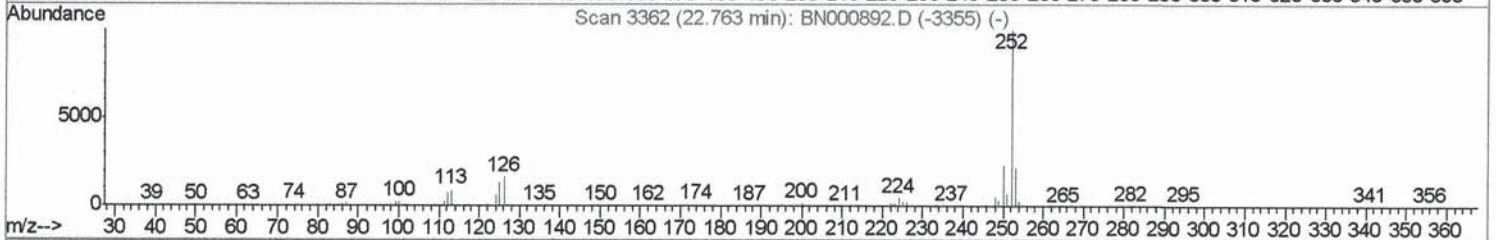
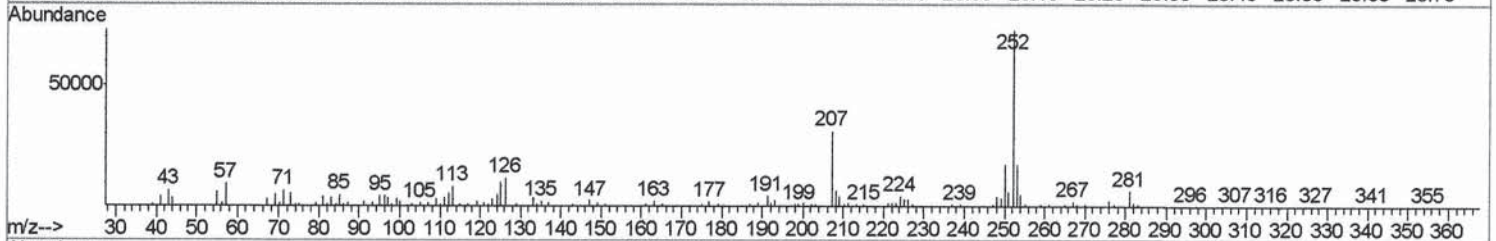
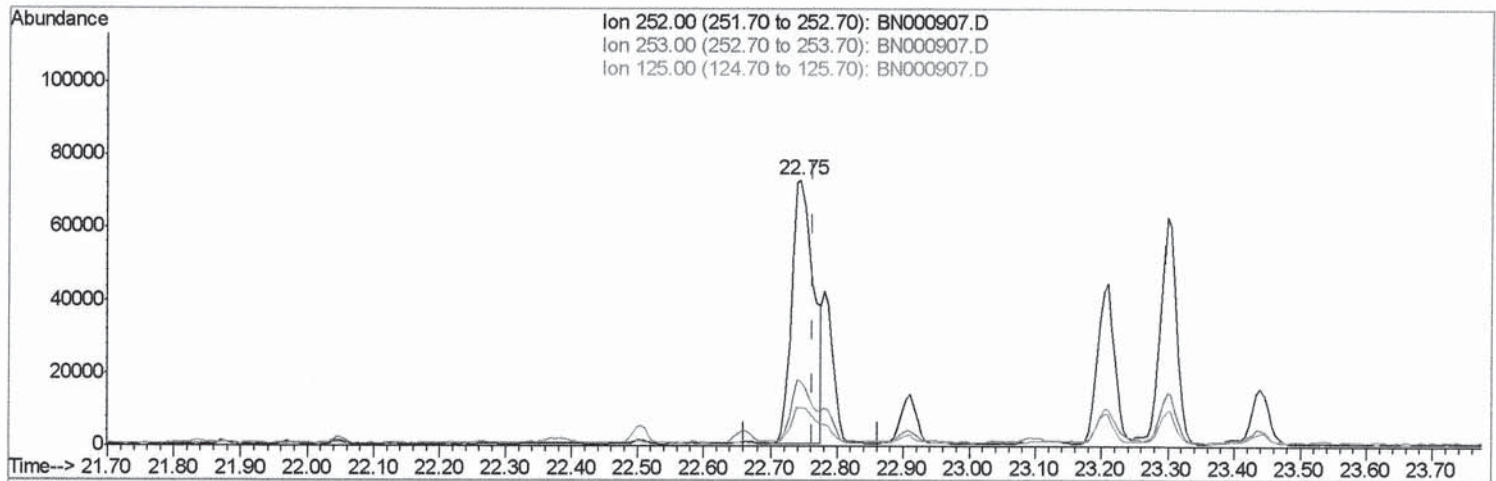
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000907.D
Acq On : 26 Apr 2018 00:27
Operator : JU/SJ
Sample : J2485-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS45

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:05 PM

Quant Time: Apr 26 08:00:55 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
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TIC: BN000907.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 4.83ng/ul m

response 169679

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.38
125.00	10.00	14.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

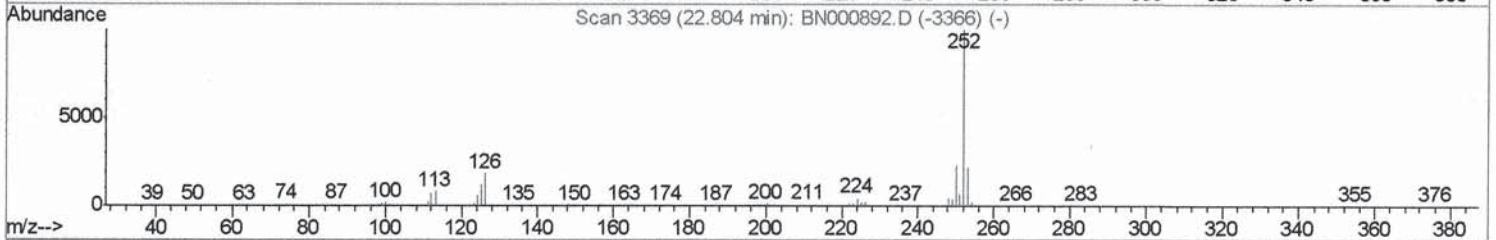
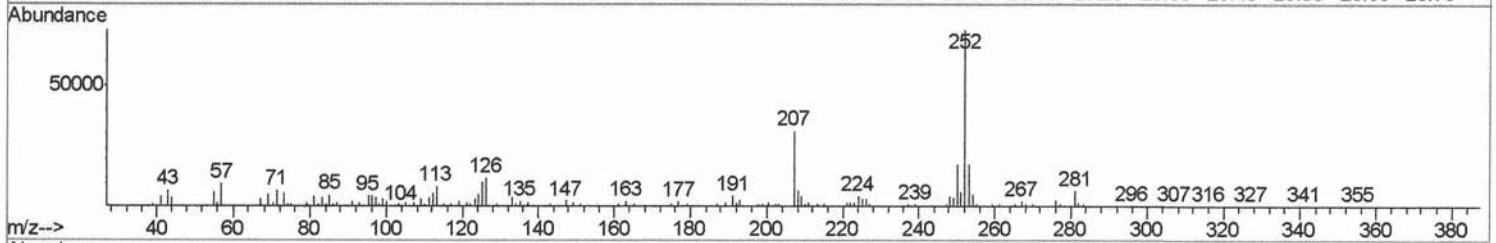
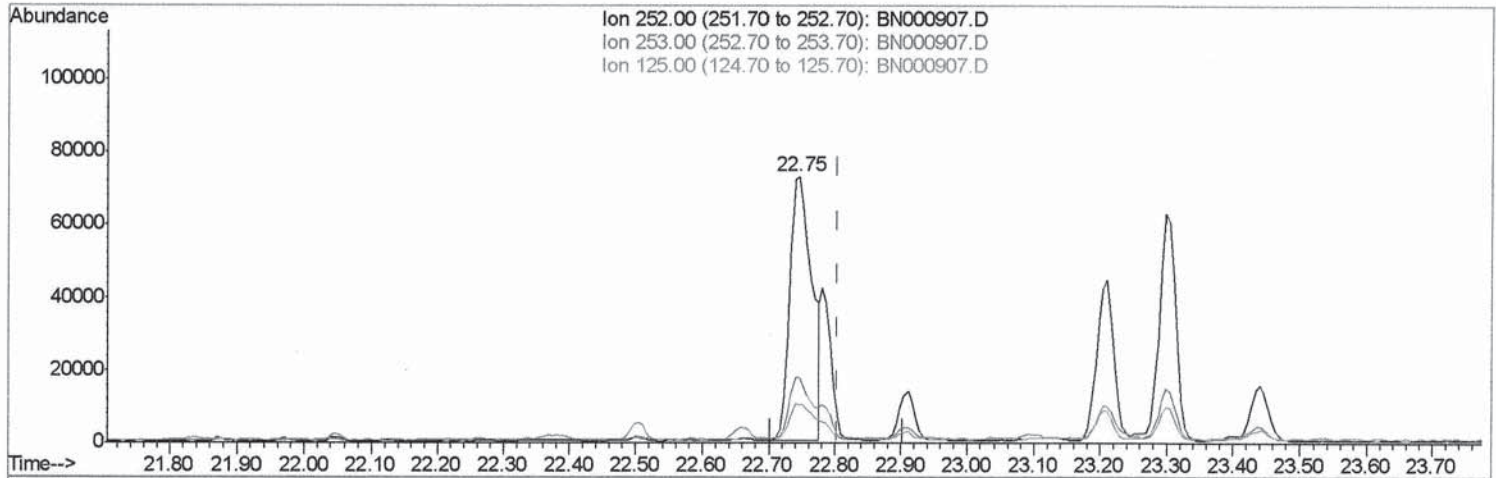
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS45

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:05 PM

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 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
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 Response via : Initial Calibration



TIC: BN000907.D

(24) Benzo(k)fluoranthene

22.745min (-0.059) 4.92ng/ul

response 169432

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.38
125.00	10.10	14.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

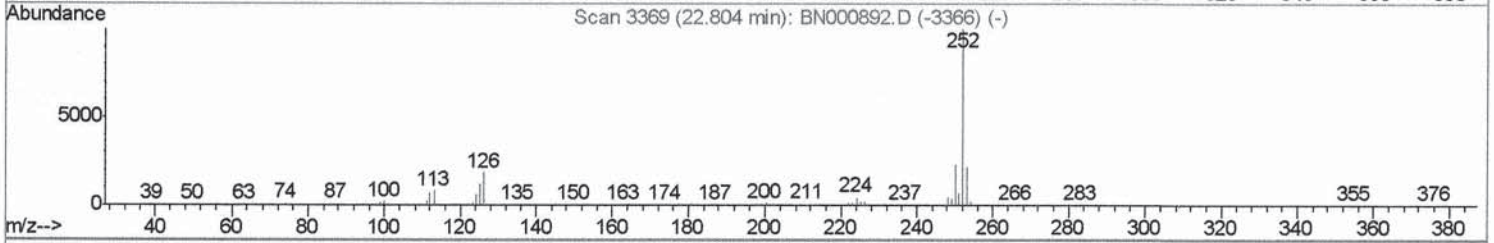
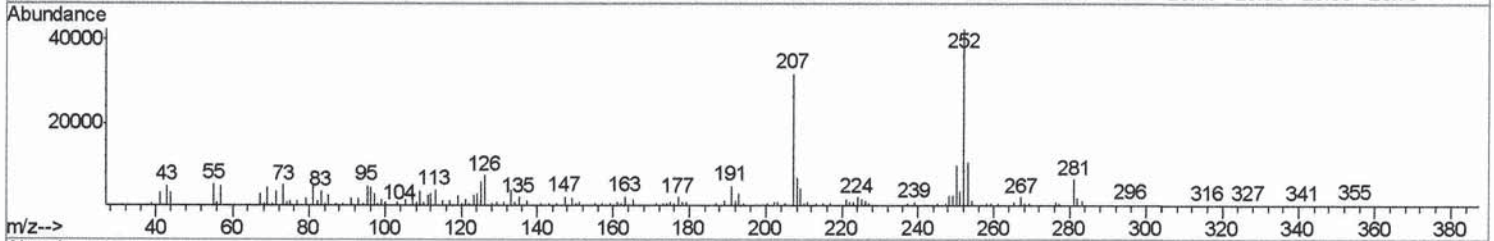
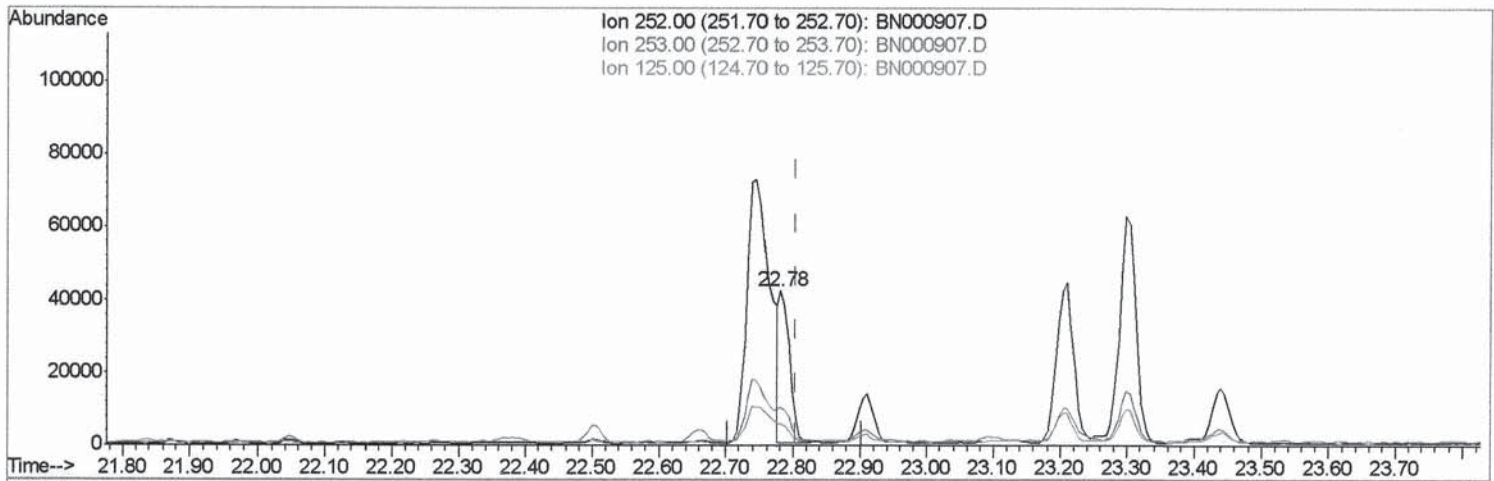
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS45

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:05 PM

Quant Time: Apr 26 08:00:55 2018
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BN000907.D

(24) Benzo(k)fluoranthene

22.780min (-0.023) 1.34ng/ul m

response 46225

Ion Exp% Act%

252.00 100 100

253.00 22.50 25.33

125.00 10.10 14.10#

0.00 0.00 0.00

JU 04/27/18

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
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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	146126	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	602674	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	300270	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	614126	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	600627	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	618667	20.00	ng/ul	-0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	967459	33.55	ng/ul	0.00
10) Fluorene-d10	15.25	176	664169	34.50	ng/ul	0.00
14) Anthracene-d10	17.10	188	978463	34.84	ng/ul	0.00
18) Pyrene-d10	19.40	212	1027618	33.39	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1099171	37.61	ng/ul	-0.01

Target Compounds

					Ovalue	
13) Phenanthrene	17.04	178	136400	4.072	ng/ul	99
16) Fluoranthene	19.06	202	242123	7.125	ng/ul#	92
19) Pyrene	19.43	202	199001	5.158	ng/ul#	87
20) Benzo(a)anthracene	21.19	228	123025m	3.426	ng/ul	} JU04/27/18
21) Chrysene	21.24	228	113599m	3.366	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	169679m	4.826	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	46225m	1.344	ng/ul	
26) Benzo(a)pyrene	23.30	252	105960	3.153	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	77263	1.904	ng/ul#	86
29) Benzo(g,h,i)perylene	26.23	276	66835	1.969	ng/ul#	90

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