

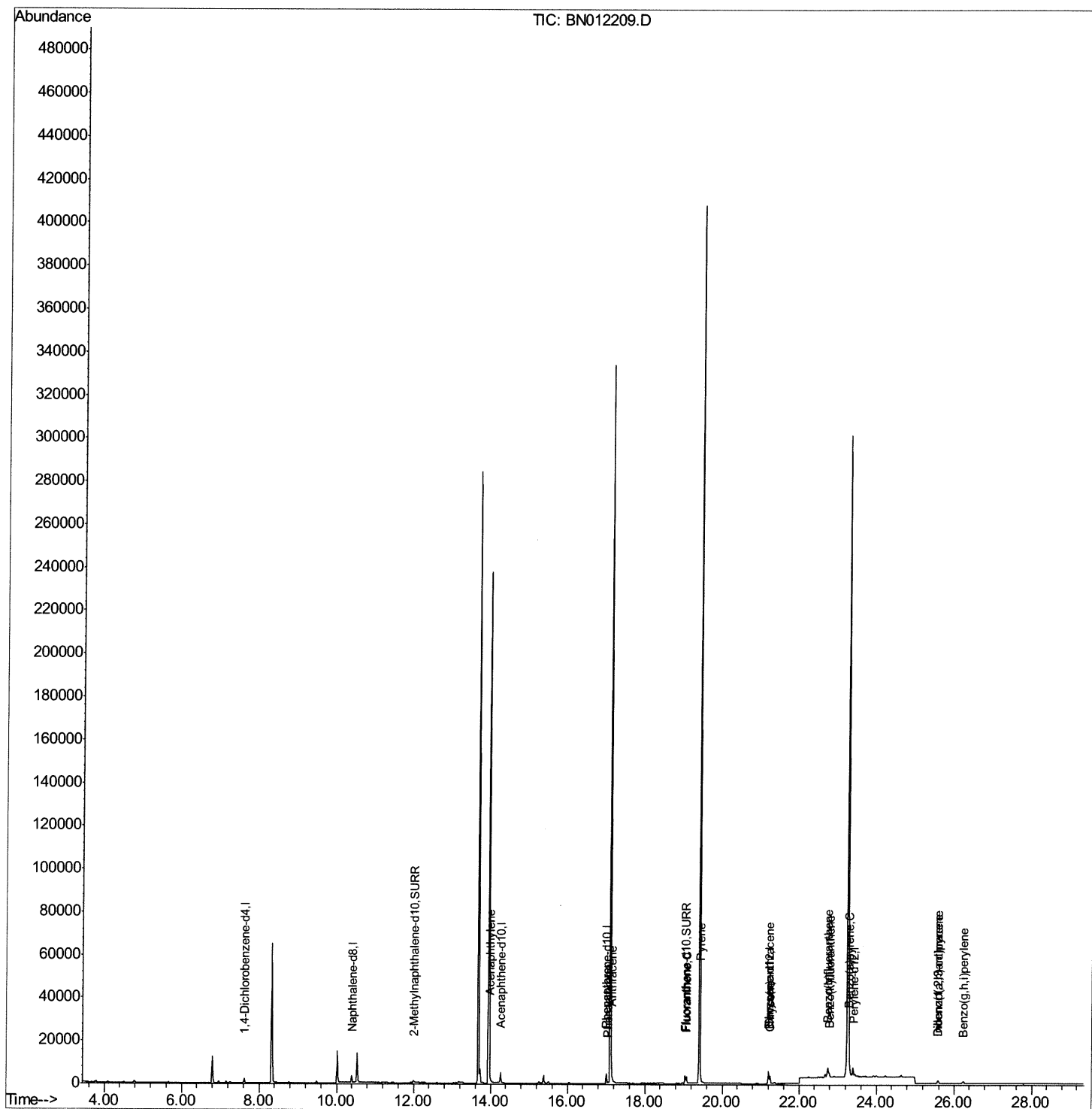
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101420\
Data File : BN012209.D
Acq On : 14 Oct 2020 23:56
Operator : CG/JU
Sample : L4166-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

mohammad
10/15/2020 8:21:13 AM

Quant Time: Oct 15 02:45:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



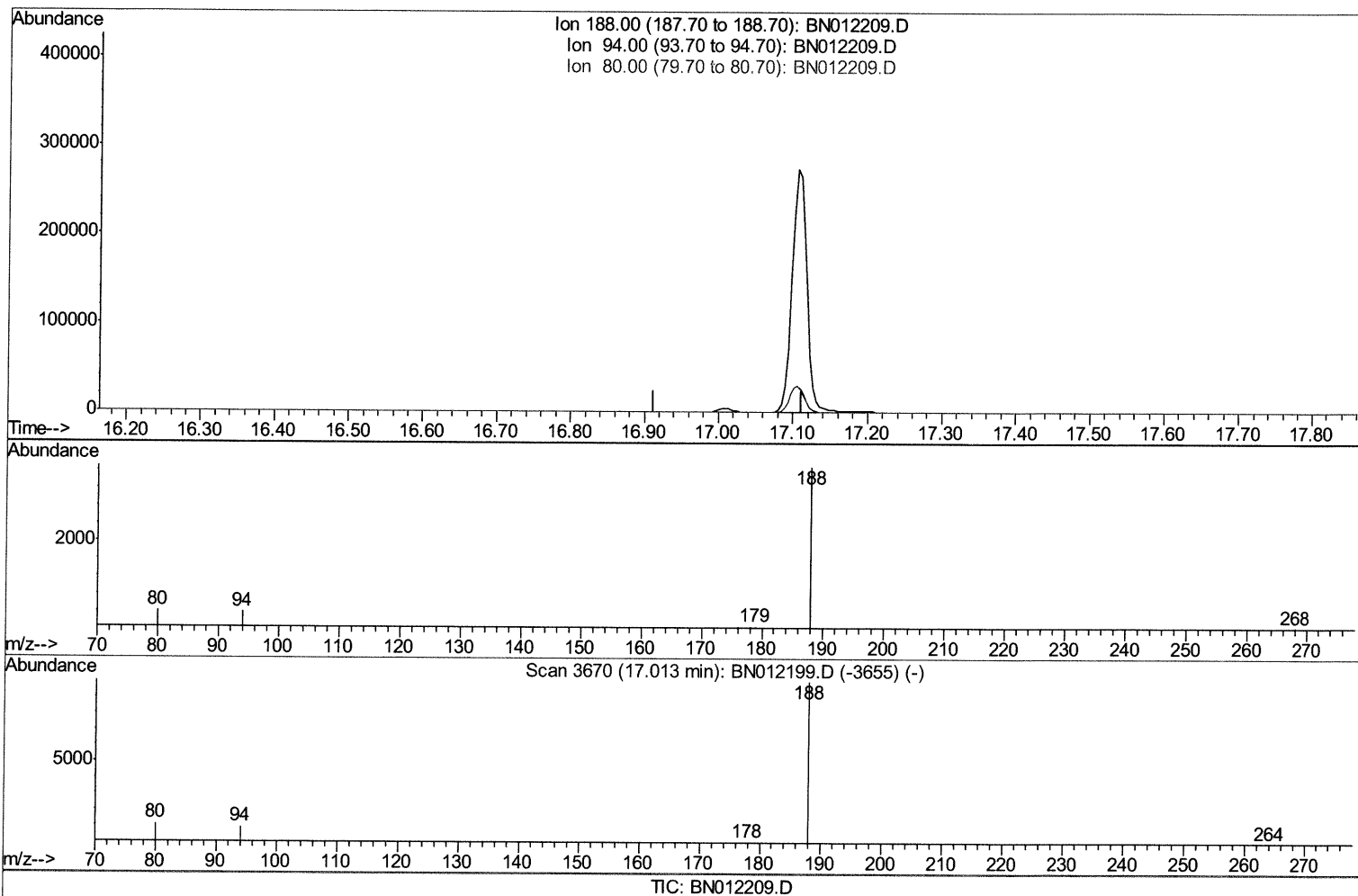
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Quant Time: Oct 15 02:43:37 2020
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(10) Phenanthrene-d10 (I)

17.013min (-17.013) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.20	0.00#
80.00	12.20	0.00#
0.00	0.00	0.00

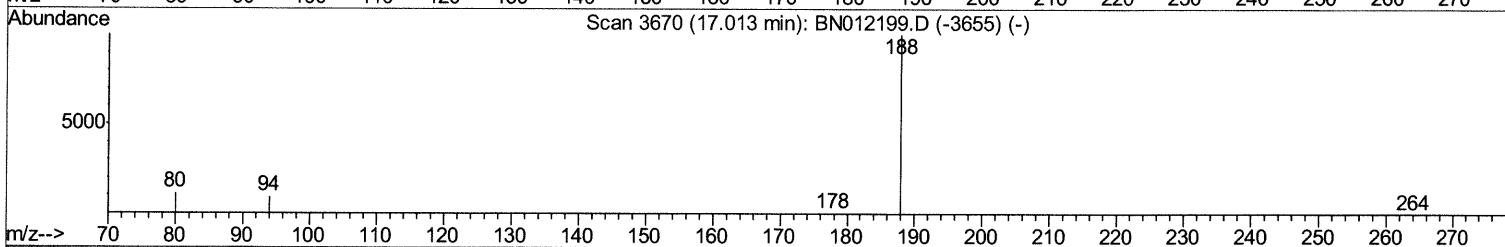
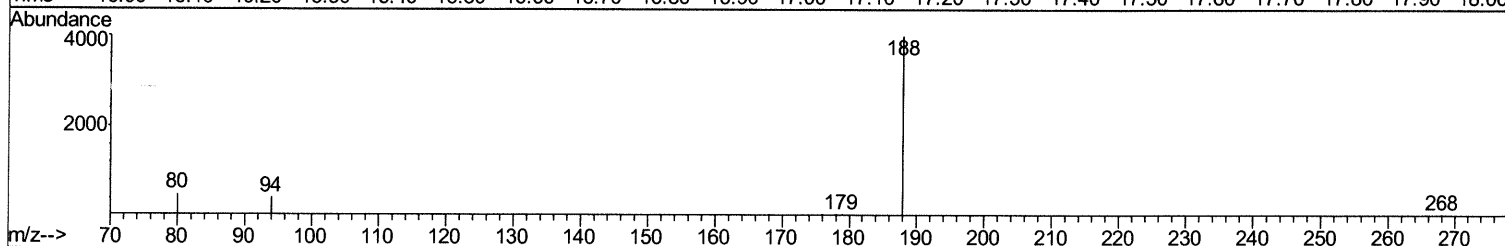
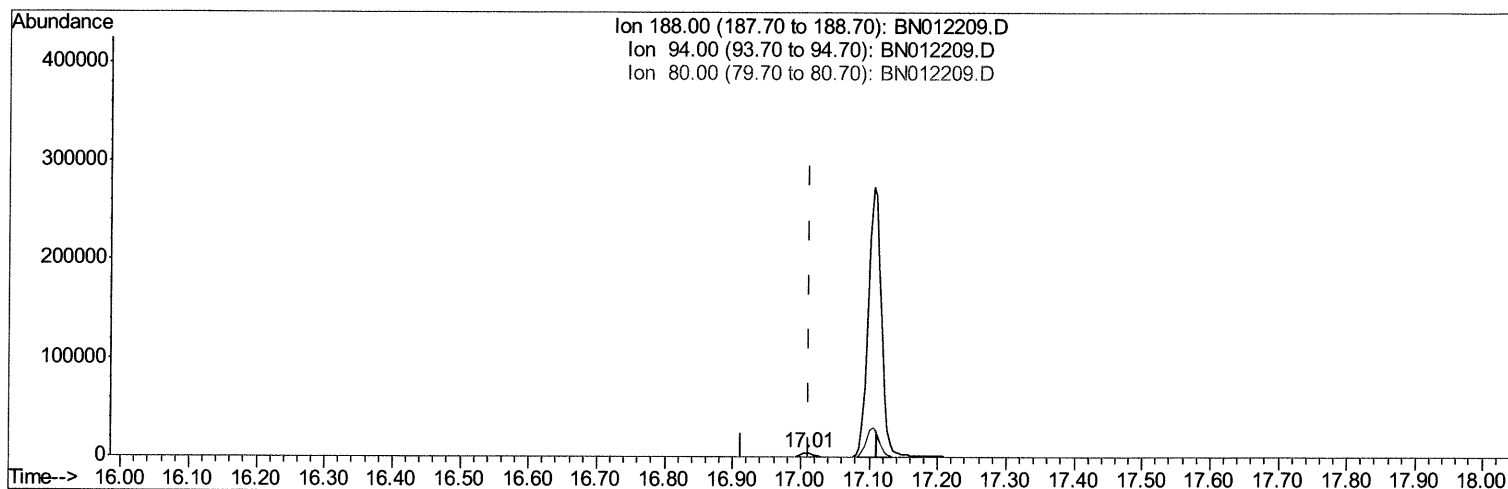
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TIC: BN012209.D

(10) Phenanthrene-d10 (I)

17.009min (-0.004) 0.40ng/ul m

response 5512

Ion	Exp%	Act%
188.00	100	100
94.00	11.20	10.42
80.00	12.20	12.25
0.00	0.00	0.00

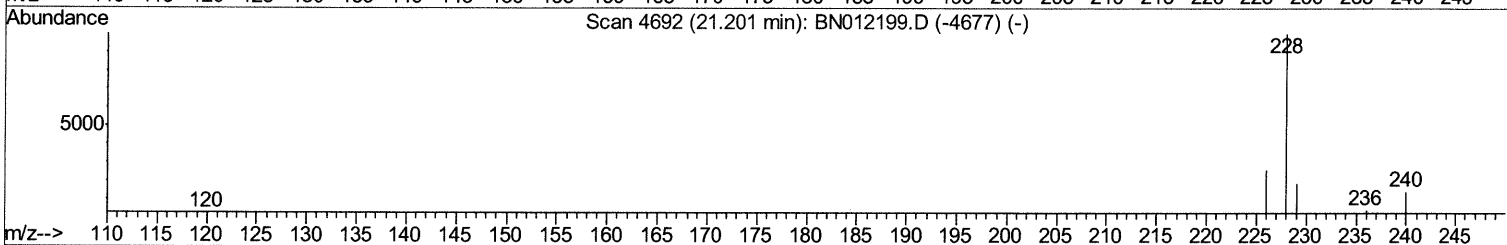
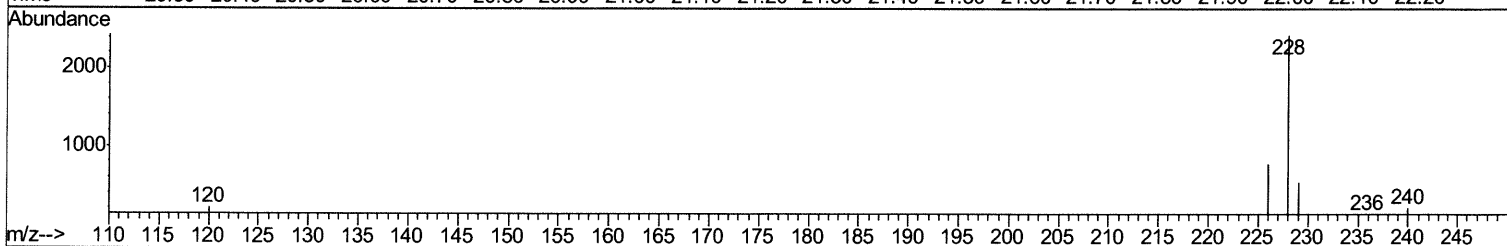
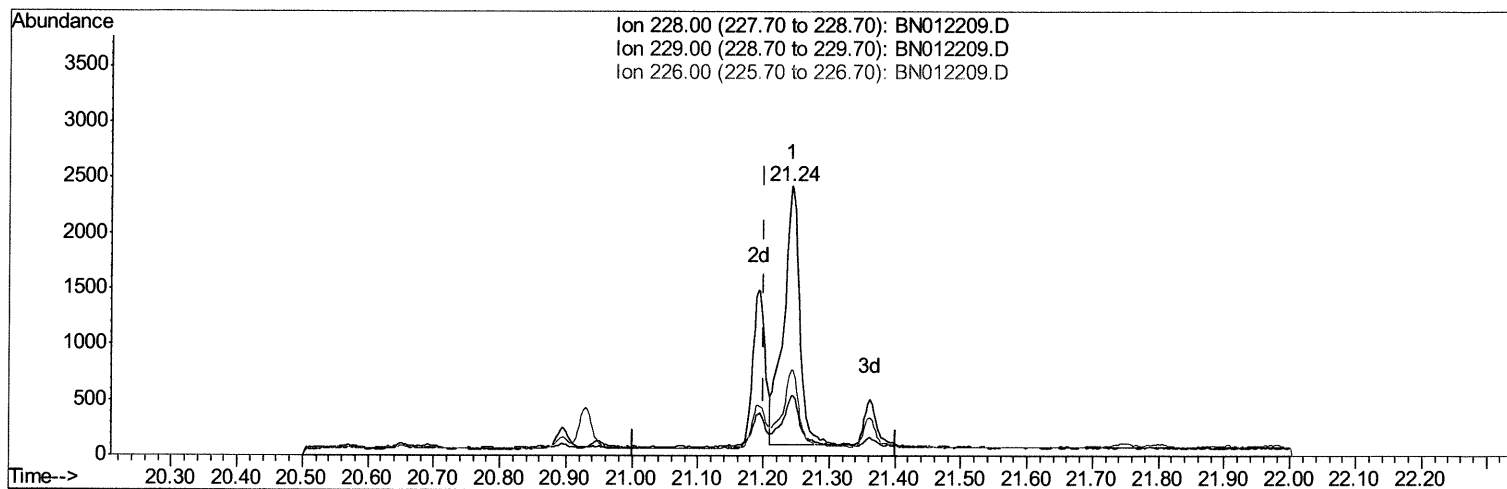
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Sample : L4166-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Oct 15 02:44:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
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QLast Update : Thu Oct 15 00:46:15 2020
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TIC: BN012209.D

(18) Benzo(a)anthracene

21.242min (+0.041) 0.23ng/ul

response 4023

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	22.35
226.00	28.20	31.75
0.00	0.00	0.00

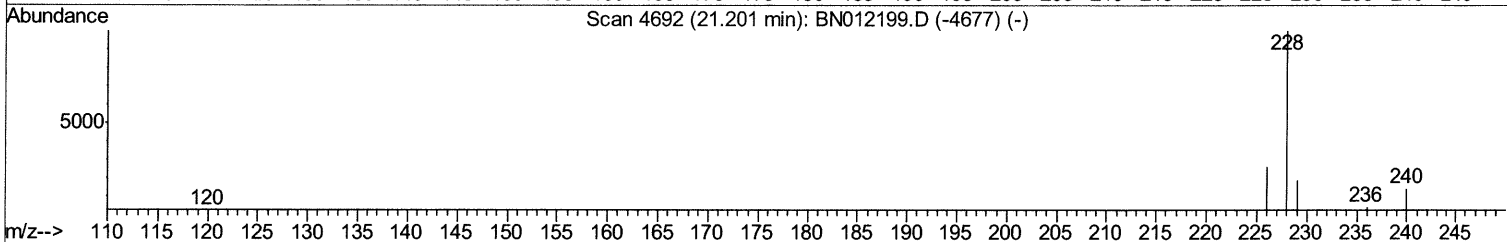
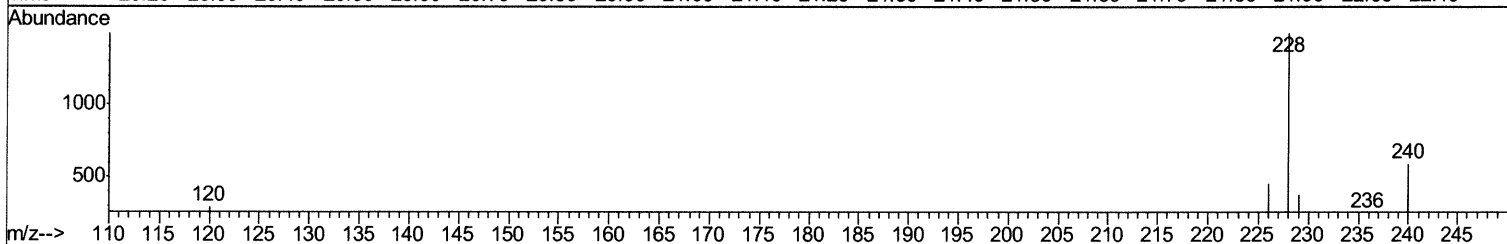
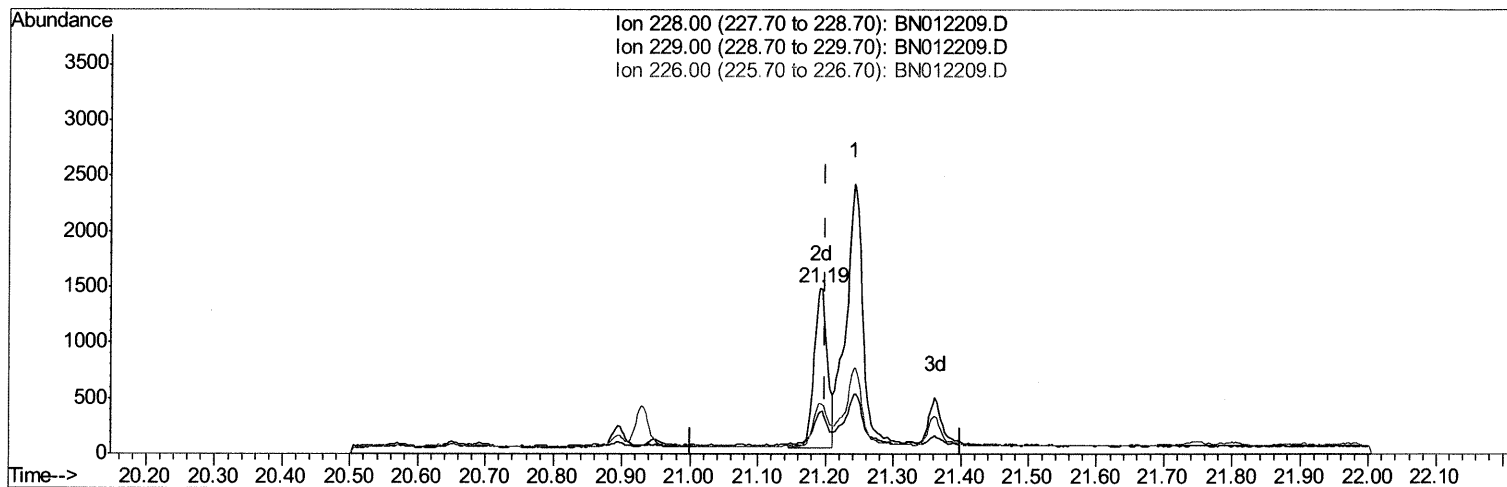
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Data File : BN012209.D
Acq On : 14 Oct 2020 23:56
Operator : CG/JU
Sample : L4166-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Quant Time: Oct 15 02:44:07 2020
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TIC: BN012209.D

(18) Benzo(a)anthracene

21.192min (-0.009) 0.11ng/ul m

response 1985

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	25.23#
226.00	28.20	30.12
0.00	0.00	0.00

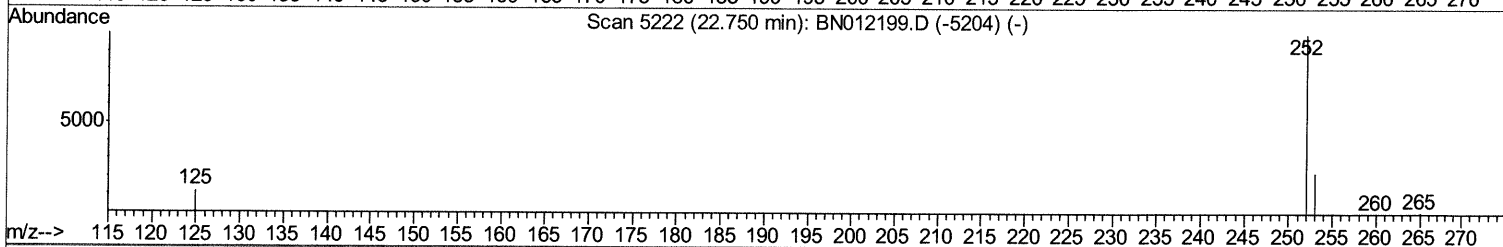
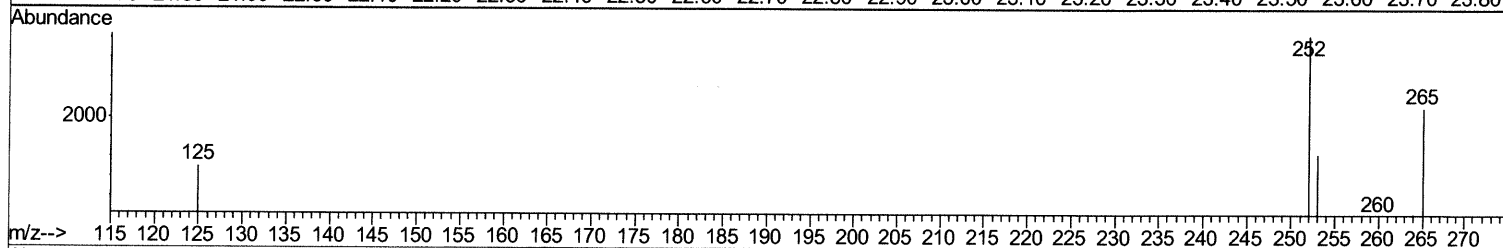
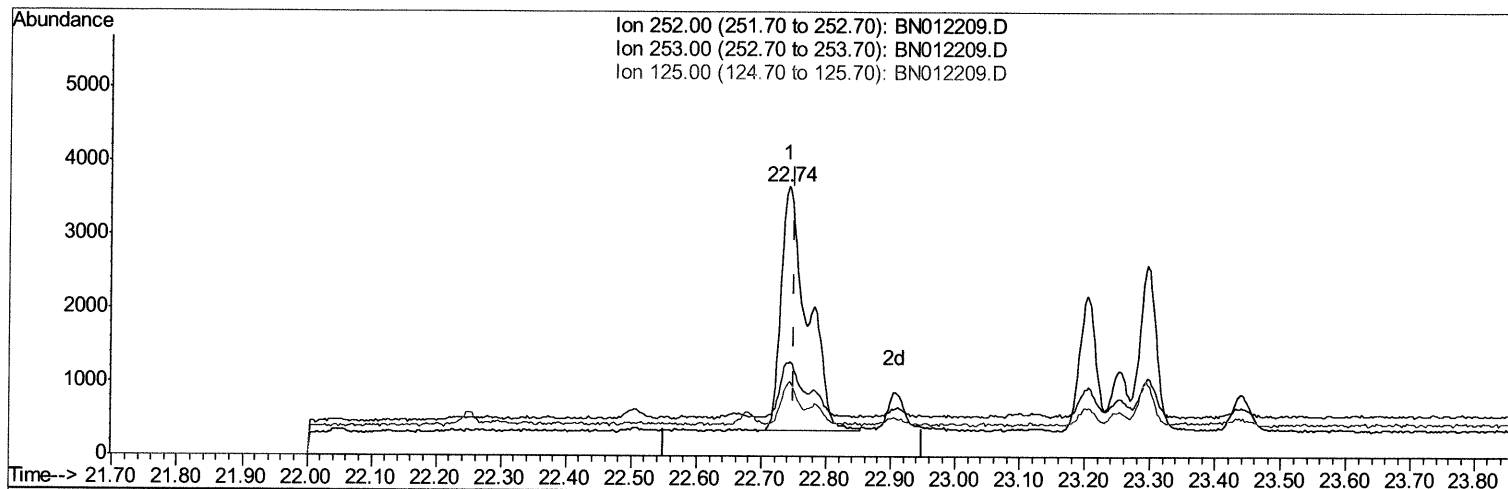
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Data File : BN012209.D
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Operator : CG/JU
Sample : L4166-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
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Manual Integrations
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TIC: BN012209.D

(21) Benzo(b)fluoranthene

22.741min (-0.009) 0.44ng/ul

response 9463

Ion	Exp%	Act%
252.00	100	100
253.00	30.80	34.78
125.00	18.40	27.36
0.00	0.00	0.00

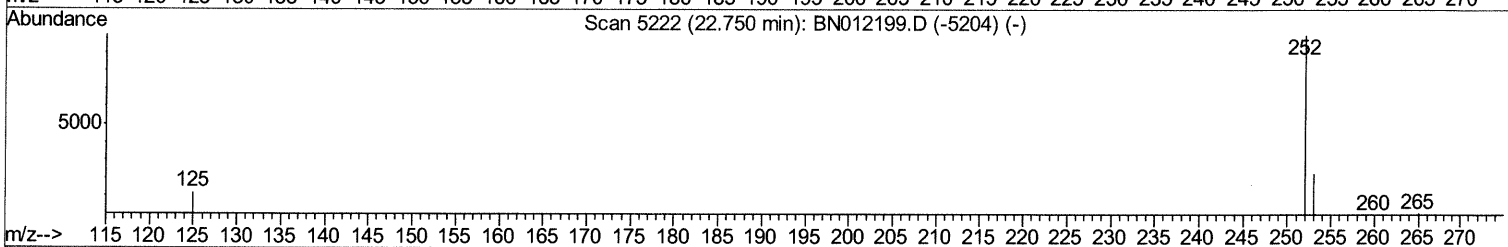
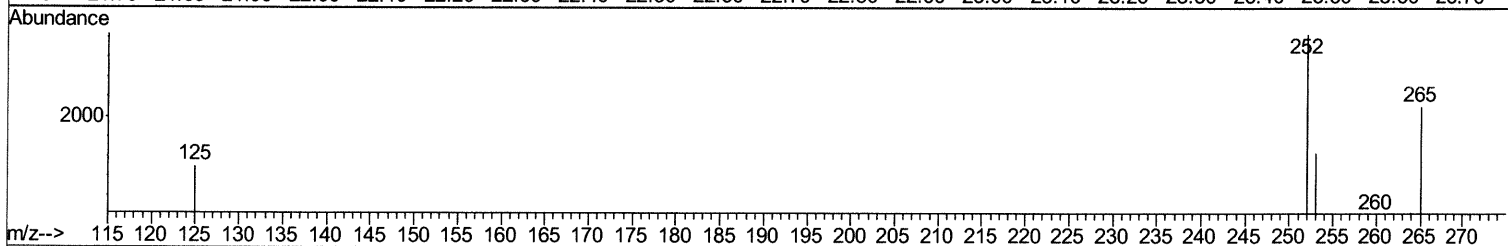
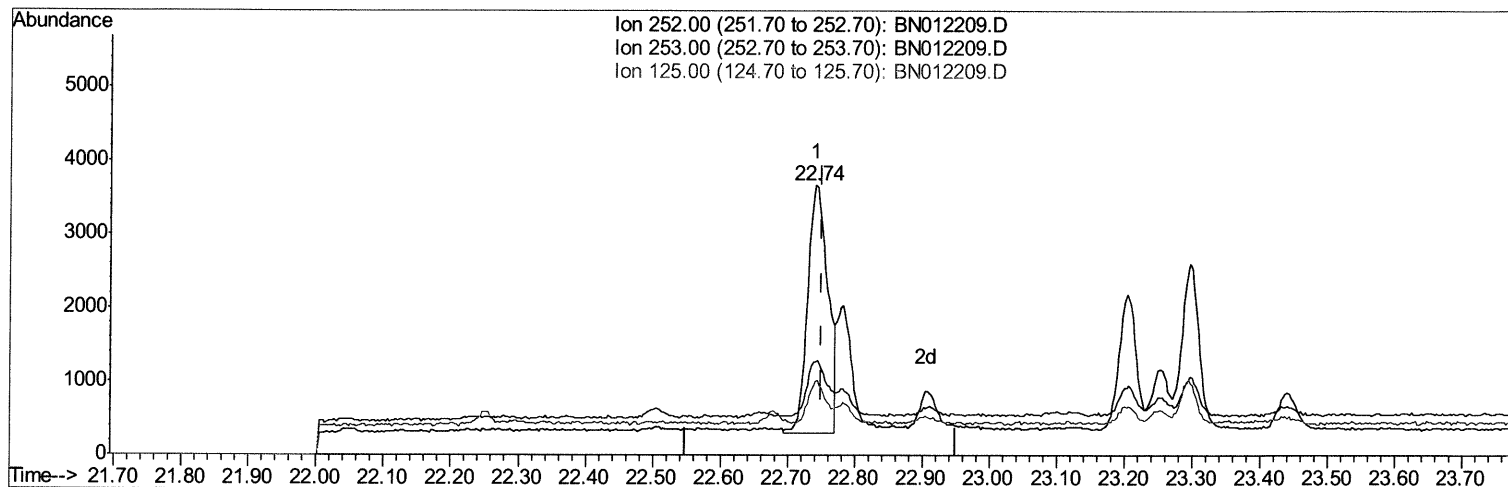
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101420\
Data File : BN012209.D
Acq On : 14 Oct 2020 23:56
Operator : CG/JU
Sample : L4166-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

mohammad
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Quant Time: Oct 15 02:44:07 2020
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TIC: BN012209.D

(21) Benzo(b)fluoranthene

22.741min (-0.009) 0.33ng/ul m

response 7096

Ion	Exp%	Act%
252.00	100	100
253.00	30.80	34.78
125.00	18.40	27.36
0.00	0.00	0.00

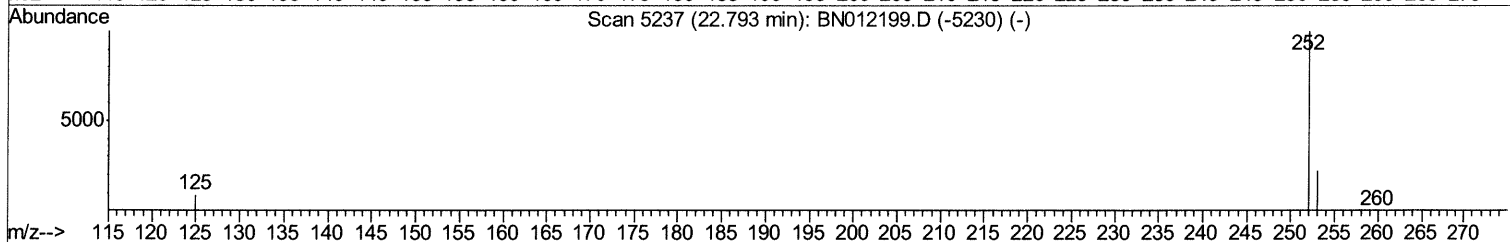
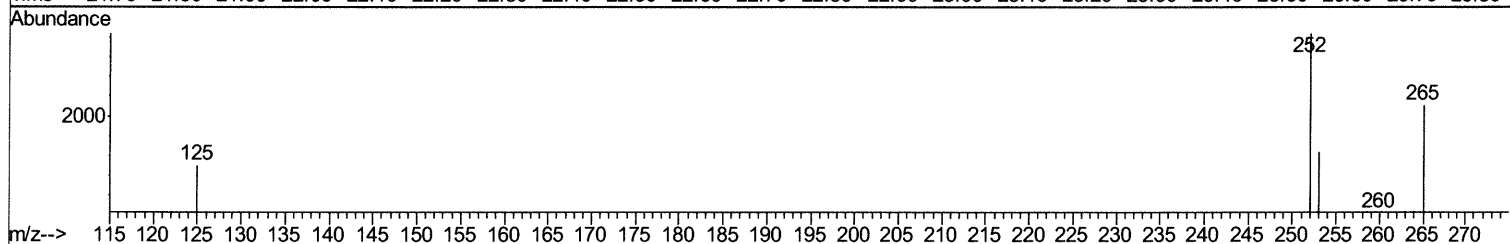
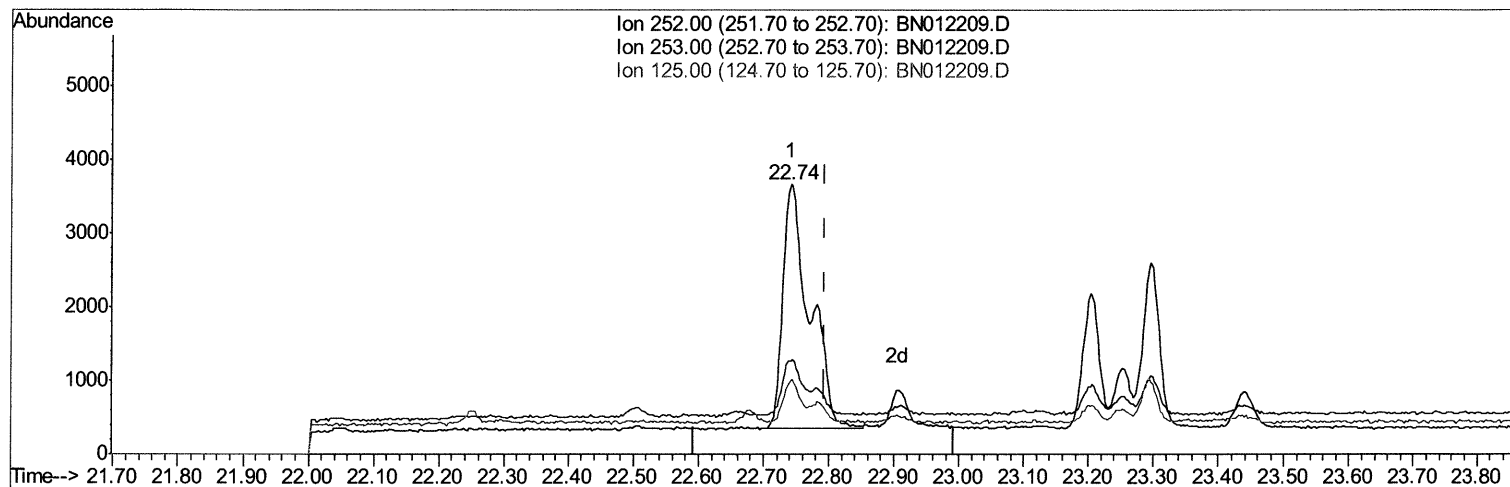
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Data File : BN012209.D
Acq On : 14 Oct 2020 23:56
Operator : CG/JU
Sample : L4166-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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Quant Time: Oct 15 02:44:07 2020
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TIC: BN012209.D

(22) Benzo(k)fluoranthene
22.741min (-0.053) 0.39ng/ul
response 9463

Ion	Exp%	Act%
252.00	100	100
253.00	30.50	34.78
125.00	16.10	27.36#
0.00	0.00	0.00

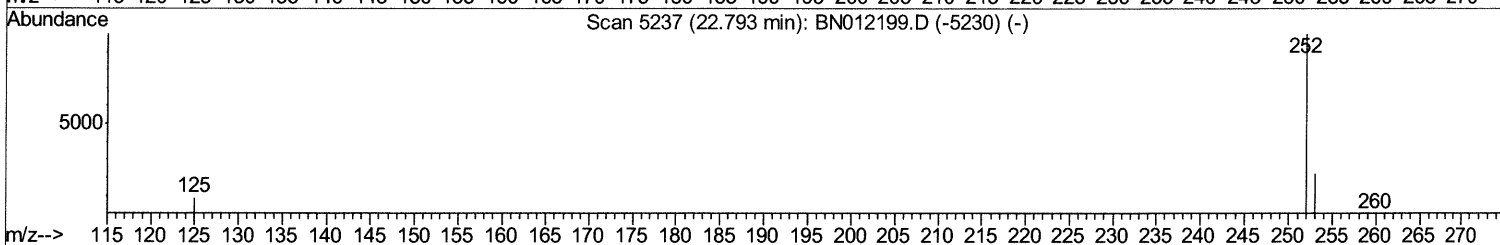
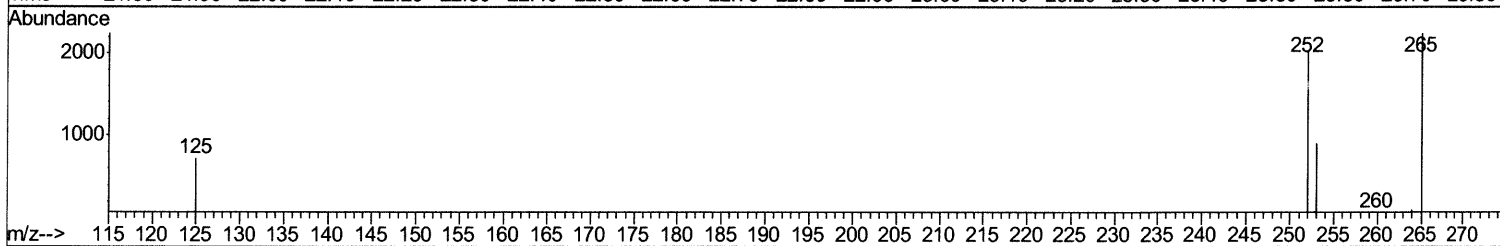
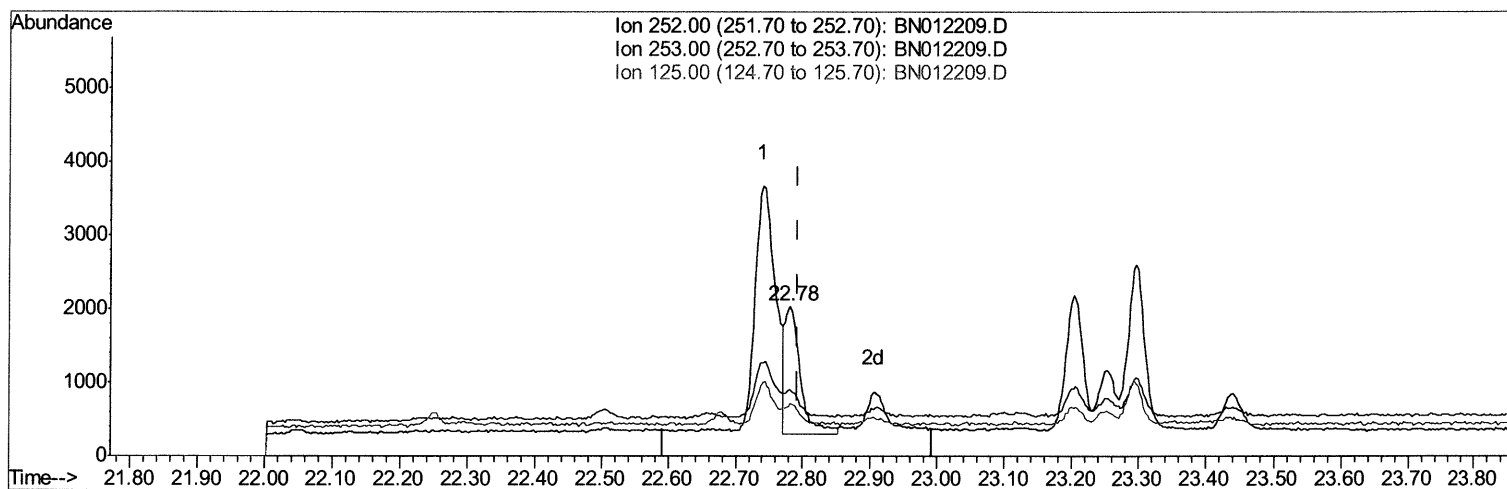
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Data File : BN012209.D
Acq On : 14 Oct 2020 23:56
Operator : CG/JU
Sample : L4166-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

mohammad
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Response via : Initial Calibration



TIC: BN012209.D

(22) Benzo(k)fluoranthene

22.782min (-0.012) 0.12ng/ul m

response 2760

ju 10/15/20

Ion	Exp%	Act%
252.00	100	100
253.00	30.50	44.52#
125.00	16.10	35.33#
0.00	0.00	0.00

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 ALS Vial : 21 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1111	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4482	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2692	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	5512m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	4740	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	5368	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.00	152	1810	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4121	0.27	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	13.98	152	494	0.042	ng/ul#	74
12) Phenanthrene	17.05	178	730	0.042	ng/ul#	83
13) Anthracene	17.14	178	840	0.056	ng/ul#	80
15) Fluoranthene	19.07	202	2714	0.132	ng/ul	97
17) Pyrene	19.44	202	3456	0.162	ng/ul#	91
18) Benzo(a)anthracene	21.19	228	1985m	0.113	ng/ul	91
19) Chrysene	21.24	228	4174	0.195	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	7096m	0.327	ng/ul	98
22) Benzo(k)fluoranthene	22.78	252	2760m	0.115	ng/ul	98
23) Benzo(a)pyrene	23.30	252	3992	0.189	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.57	276	2534	0.094	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	651	0.030	ng/ul#	5
26) Benzo(g,h,i)perylene	26.24	276	2189	0.088	ng/ul#	86

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