

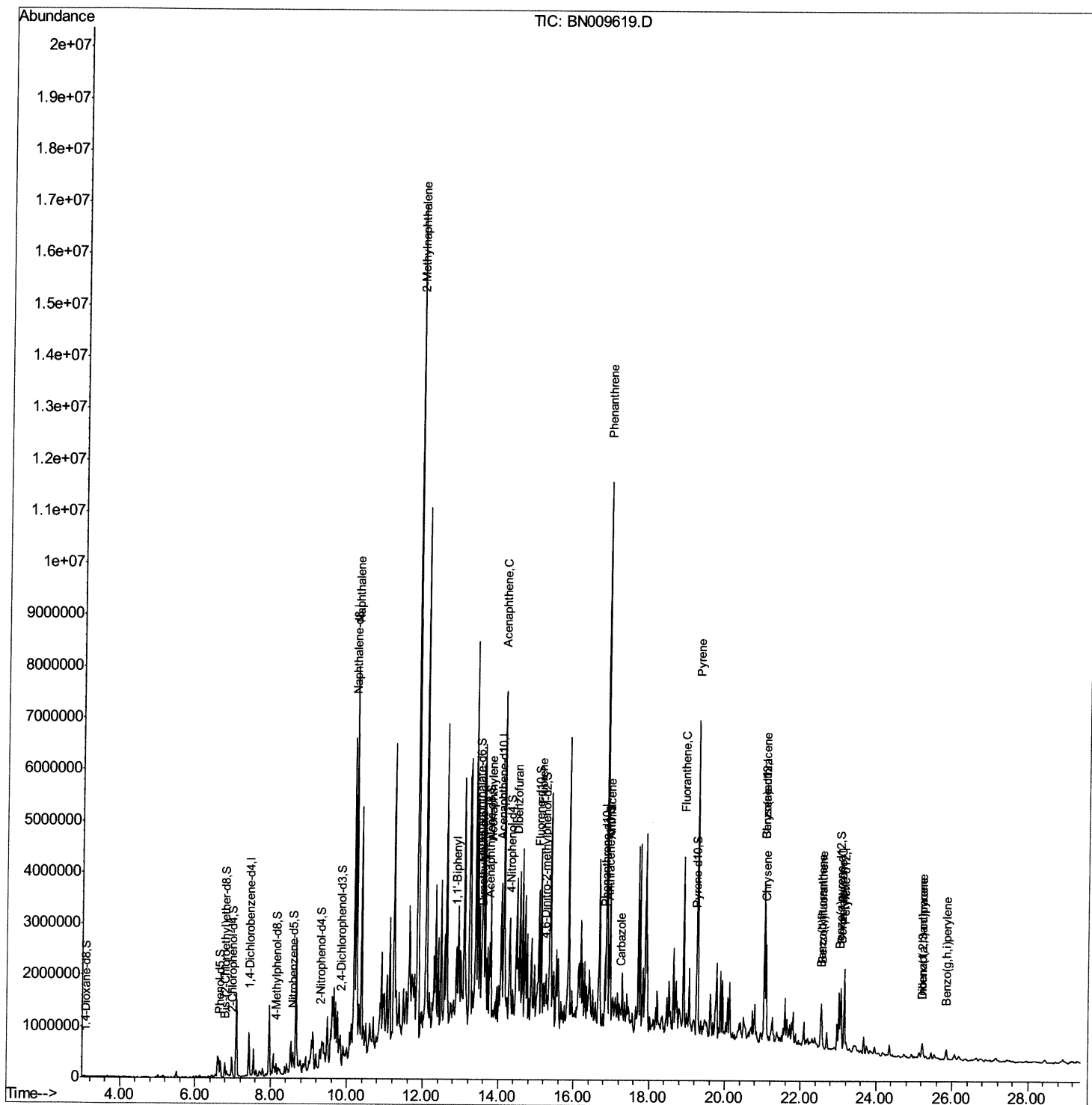
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Data Path   : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020620\  
Data File  : BN009619.D  
Acq On     : 06 Feb 2020   20:59  
Operator   : CG/JU  
Sample     : L1324-08  
Misc       :  
ALS Vial   : 14      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
GAT65

Manual Integrations
APPROVED

mohammad
2/10/2020 8:19:36 AM

Quant Time: Feb 07 10:26:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

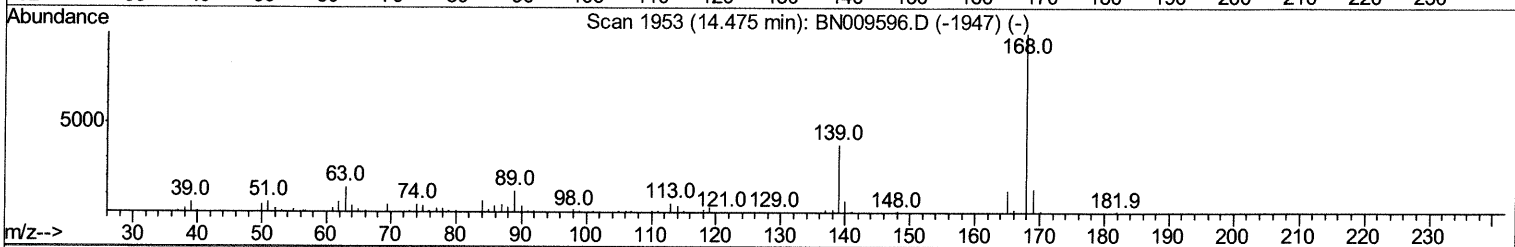
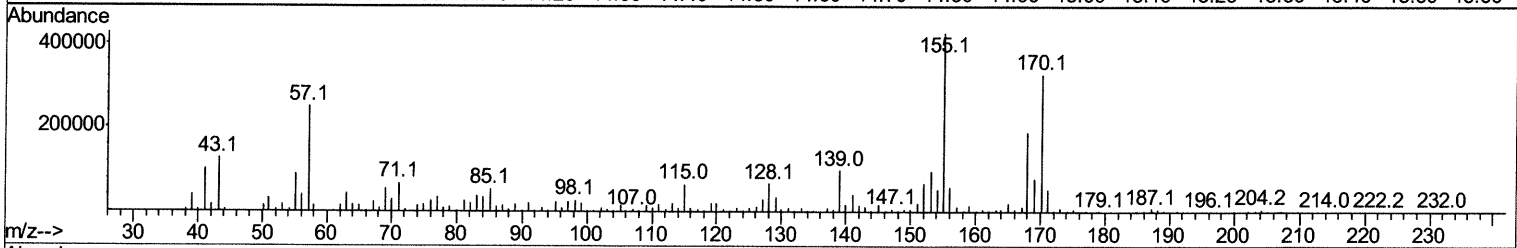
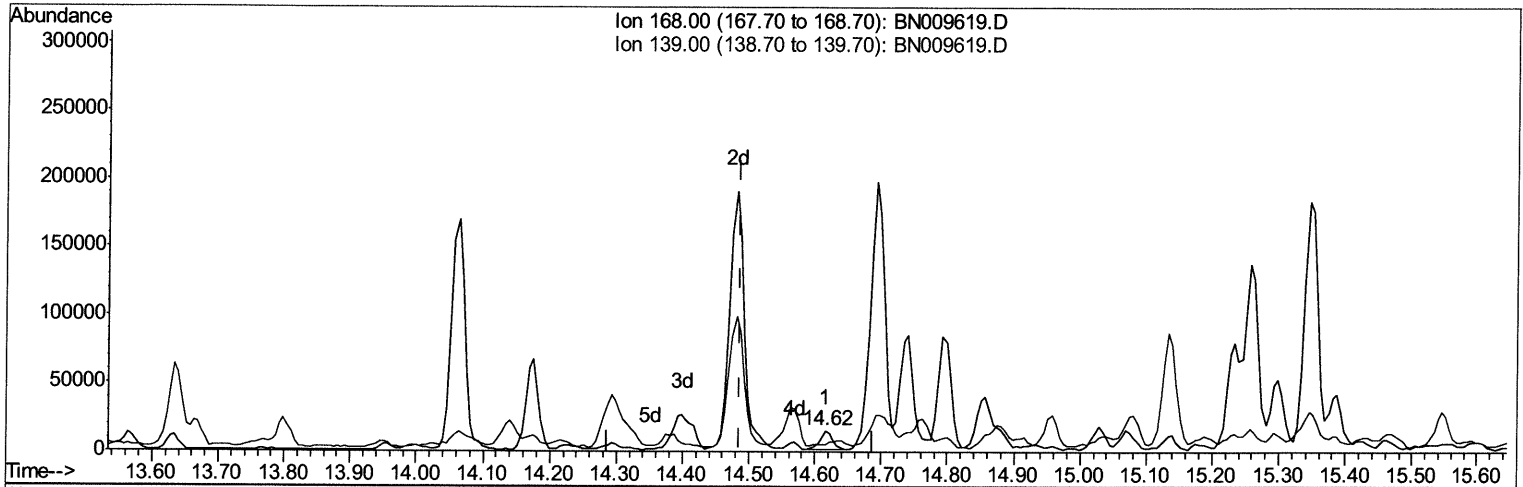
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009619.D
 Acq On : 06 Feb 2020 20:59
 Operator : CG/JU
 Sample : L1324-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Manual Integrations
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mohammad
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TIC: BN009619.D

(53) Dibenzofuran

14.616min (+0.129) 0.47ng/ul

response 19048

Ion	Exp%	Act%
168.00	100	100
139.00	36.90	34.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

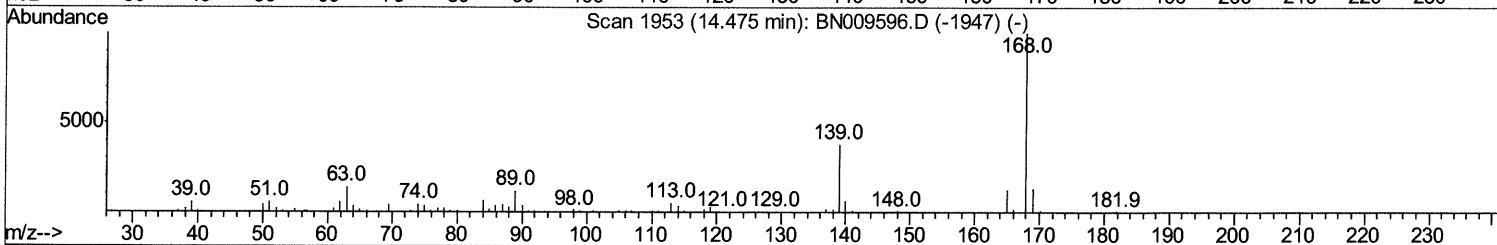
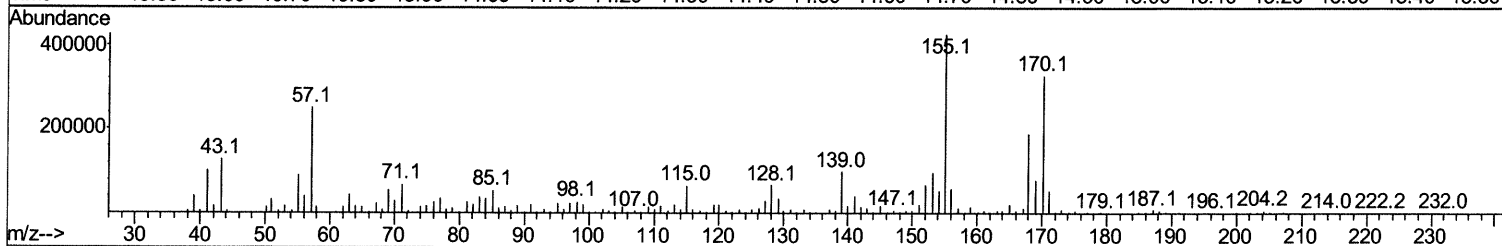
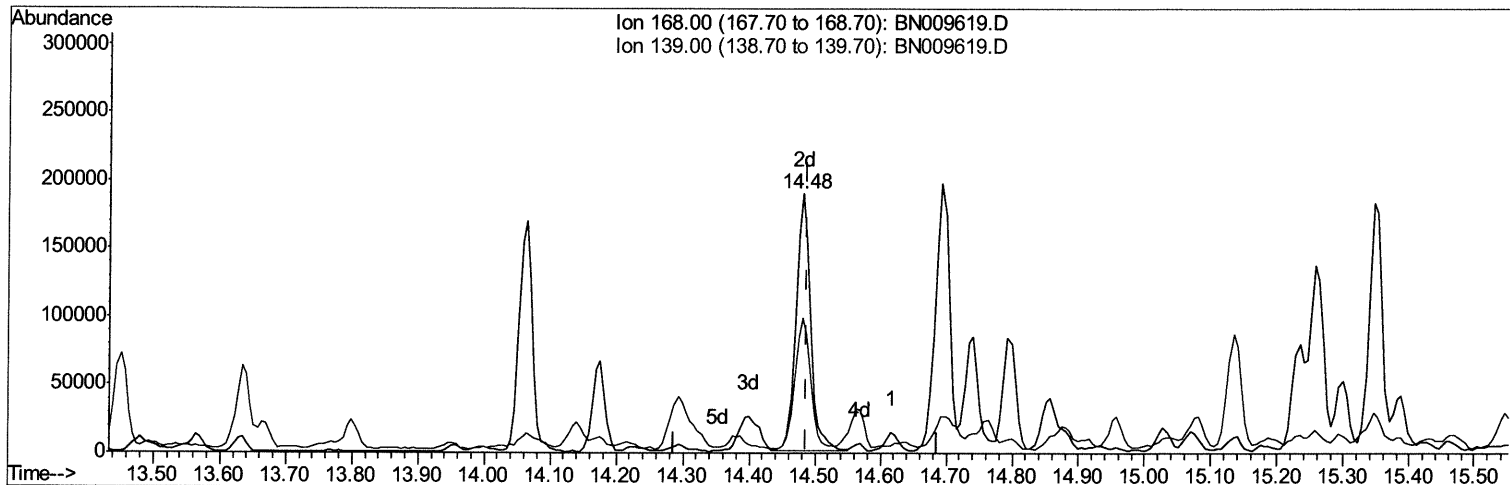
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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 Operator : CG/JU
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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BN009619.D

(53) Dibenzofuran

14.481min (-0.006) 7.30ng/ul m JU02/13/20

response 292752

Ion	Exp%	Act%
168.00	100	100
139.00	36.90	52.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

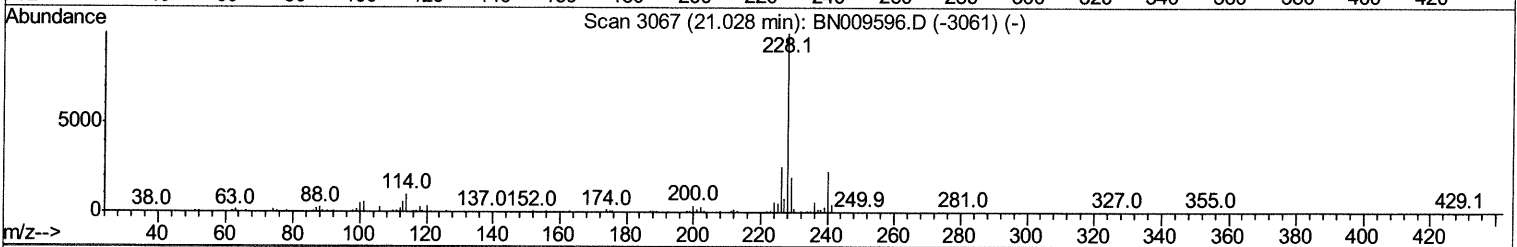
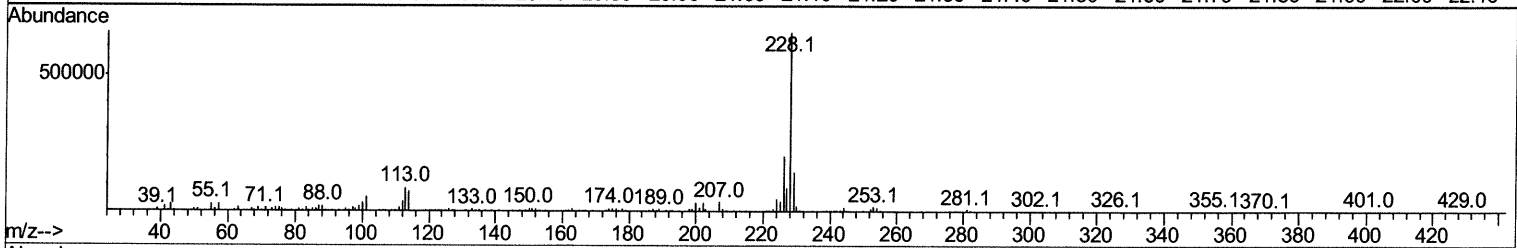
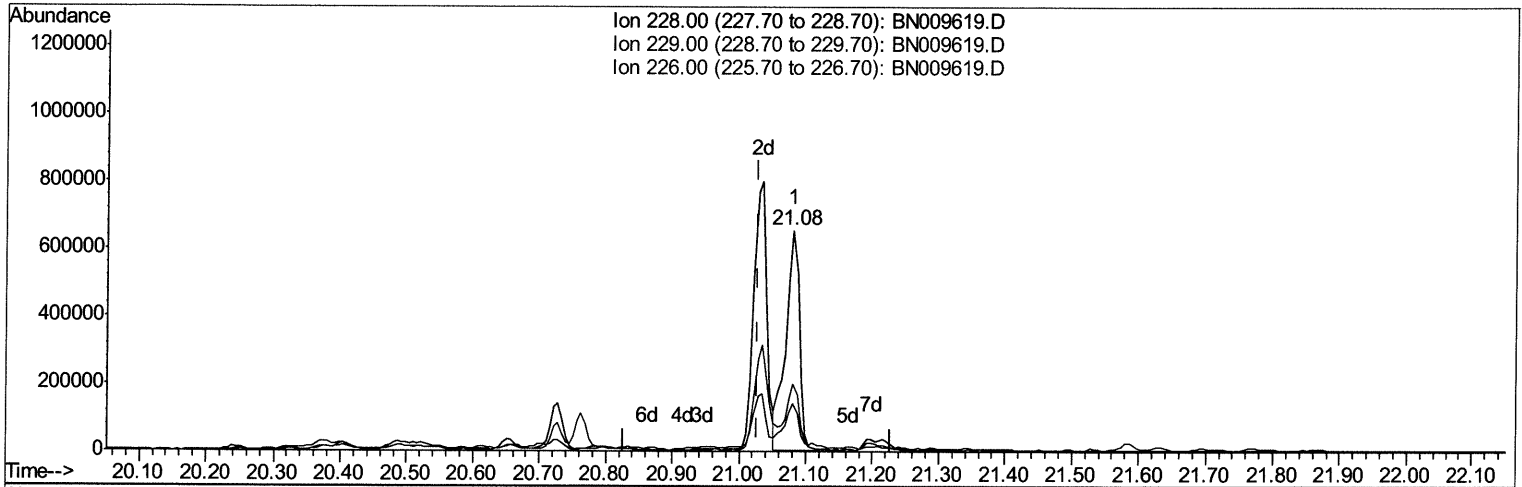
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009619.D
 Acq On : 06 Feb 2020 20:59
 Operator : CG/JU
 Sample : L1324-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BN009619.D

(82) Benzo(a)anthracene

21.080min (+0.053) 15.30ng/ul

response 920320

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	21.65
226.00	26.10	30.77
0.00	0.00	0.00

Quantitation Report (Qedit)

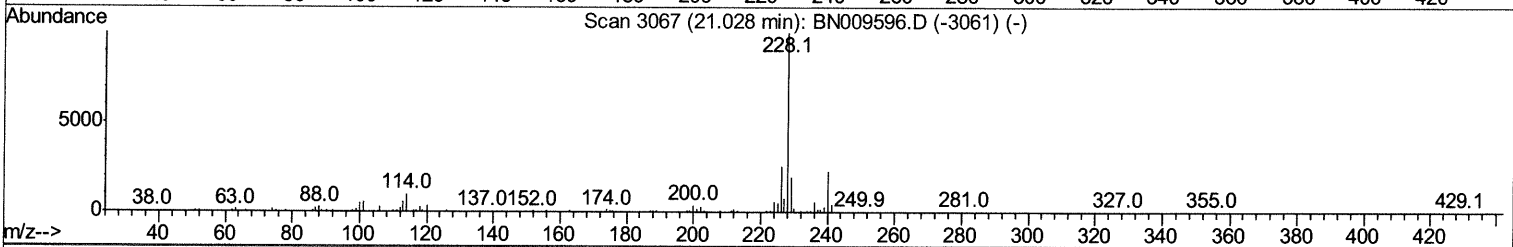
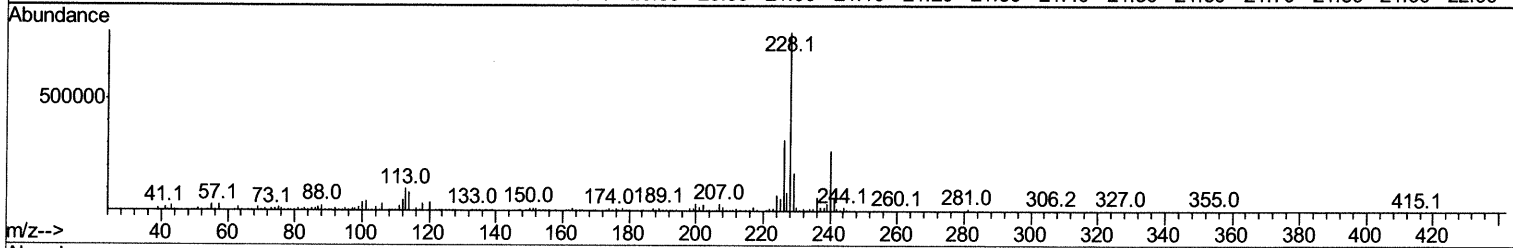
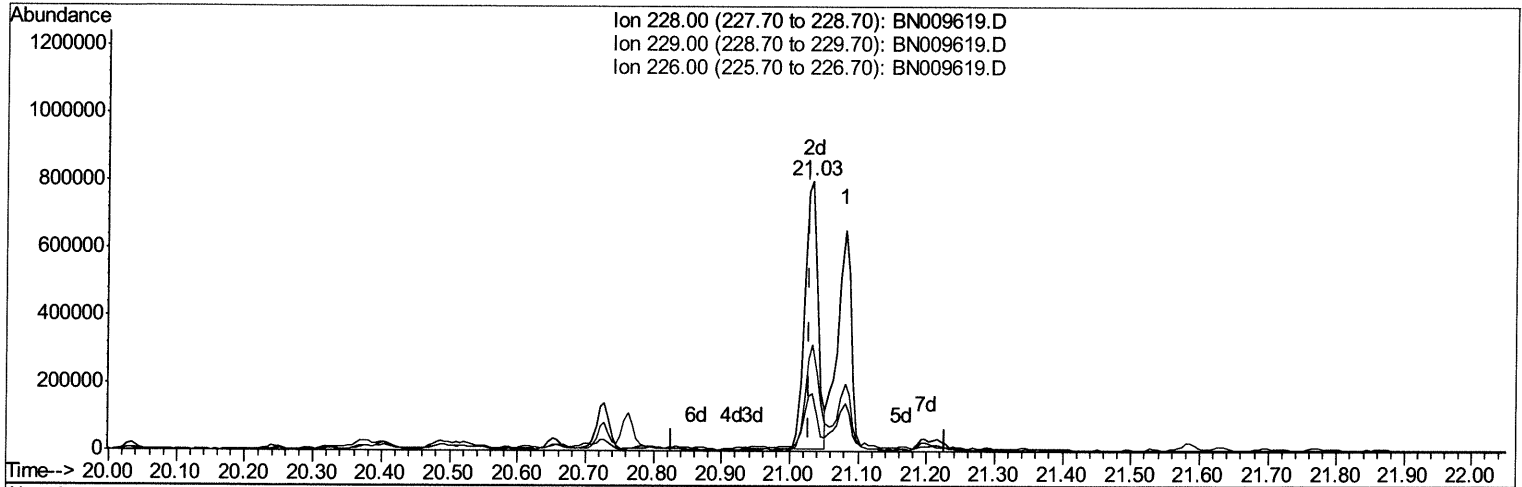
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009619.D
Acq On : 06 Feb 2020 20:59
Operator : CG/JU
Sample : L1324-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT65

Manual Integrations
APPROVED

mohammad
2/10/2020 8:19:36 AM

Quant Time: Feb 07 02:38:14 2020
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TIC: BN009619.D

(82) Benzo(a)anthracene

21.033min (+0.006) 17.83ng/ul m *JU 02/13/20*

response 1072410

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	21.19
226.00	26.10	39.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

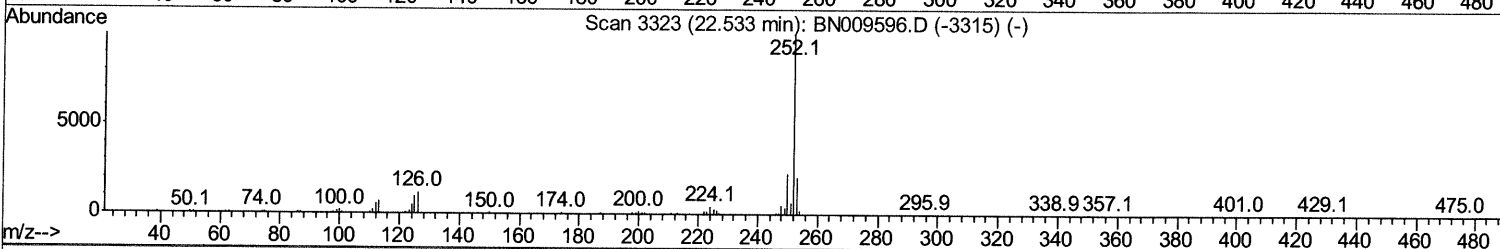
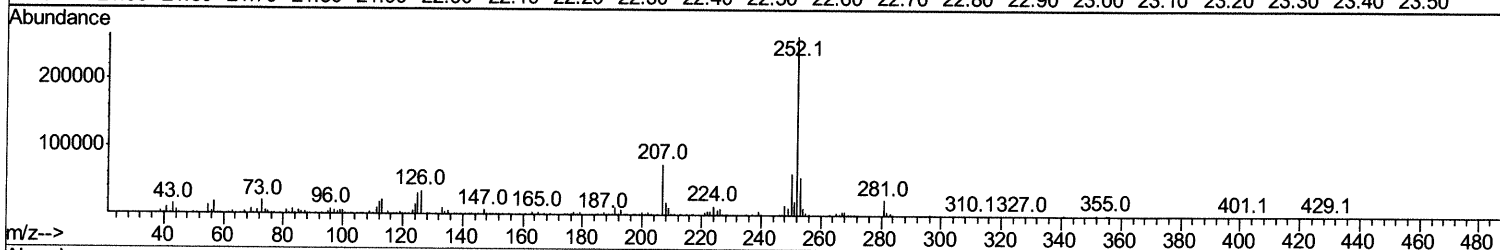
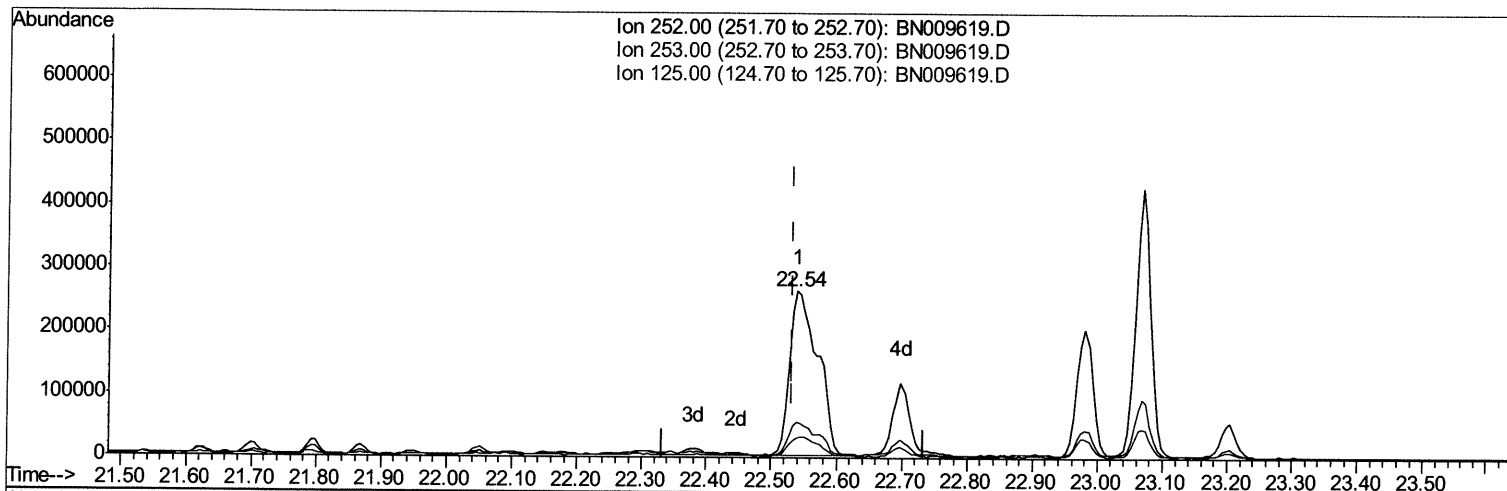
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009619.D
 Acq On : 06 Feb 2020 20:59
 Operator : CG/JU
 Sample : L1324-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT65

Manual Integrations
 APPROVED

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TIC: BN009619.D

(87) Benzo(b)fluoranthene

22.539min (+0.006) 12.73ng/ul

response 778211

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	21.40
125.00	10.20	11.78
0.00	0.00	0.00

```
Data Path   : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\  
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Acq On     : 06 Feb 2020   20:59  
Operator   : CG/JU  
Sample     : L1324-08  
Misc       :  
ALS Vial   : 14      Sample Multiplier: 1
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mohammad
2/10/2020 8:19:36 AM

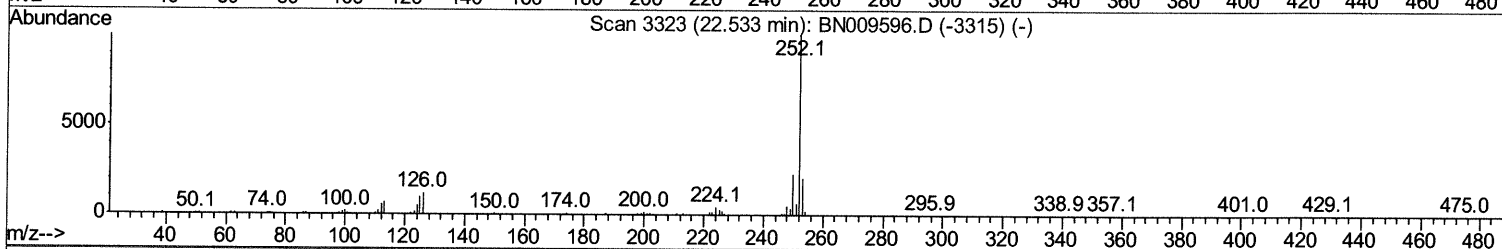
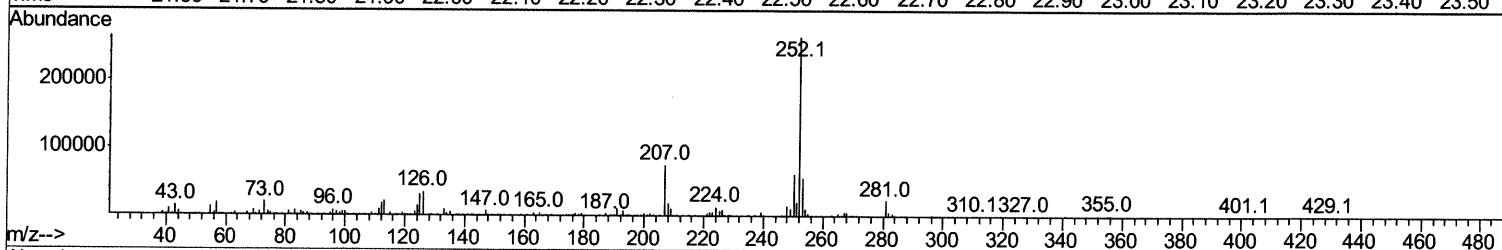
Abundance

Ion 252.00 (251.70 to 252.70): BN009619.D
 Ion 253.00 (252.70 to 253.70): BN009619.D
 Ion 125.00 (124.70 to 125.70): BN009619.D

600000
 500000
 400000
 300000
 200000
 100000
 0

Time--> 21.60 21.70 21.80 21.90 22.00 22.10 22.20 22.30 22.40 22.50 22.60 22.70 22.80 22.90 23.00 23.10 23.20 23.30 23.40 23.50

1
 22.54
 4d
 3d 2d



TIC: BN009619.D

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	21.40
125.00	10.20	11.78
0.00	0.00	0.00

Quantitation Report (Qedit)

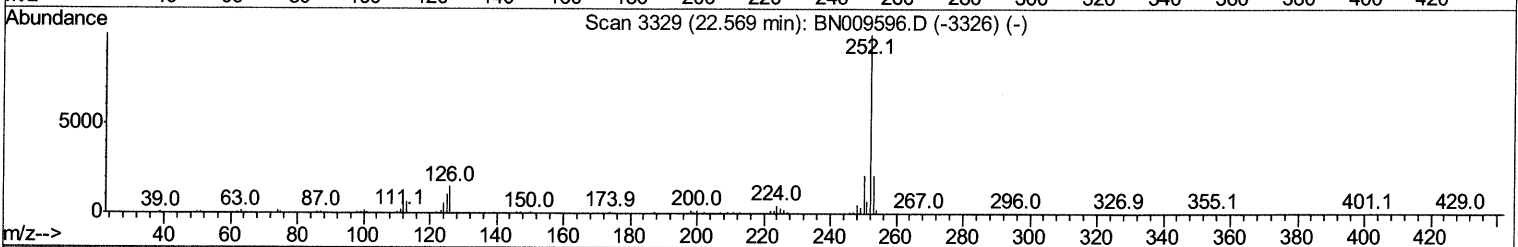
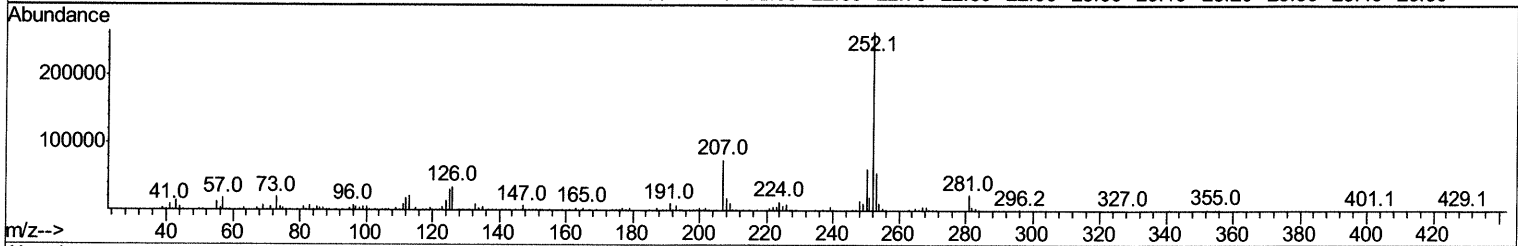
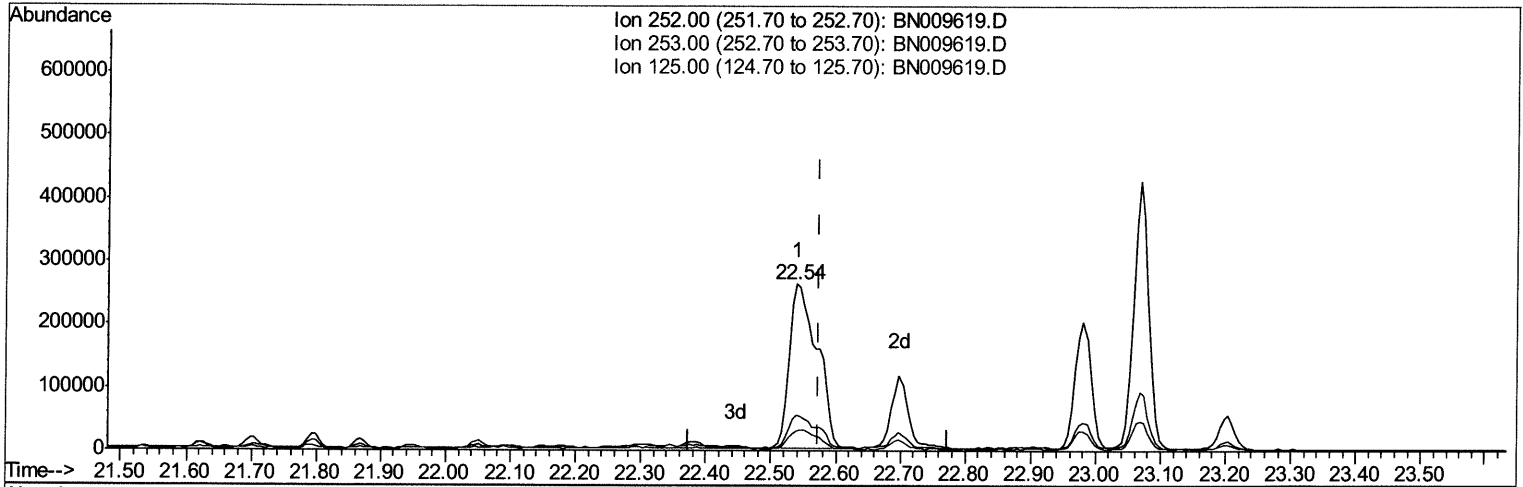
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009619.D
 Acq On : 06 Feb 2020 20:59
 Operator : CG/JU
 Sample : L1324-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampled :
 GAT65

Manual Integrations
APPROVED

mohammad
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Quant Time: Feb 07 02:38:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BN009619.D

(88) Benzo(k)fluoranthene

22.539min (-0.035) 12.93ng/ul

response 778211

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	21.40
125.00	10.00	11.78
0.00	0.00	0.00

Quantitation Report (Qedit)

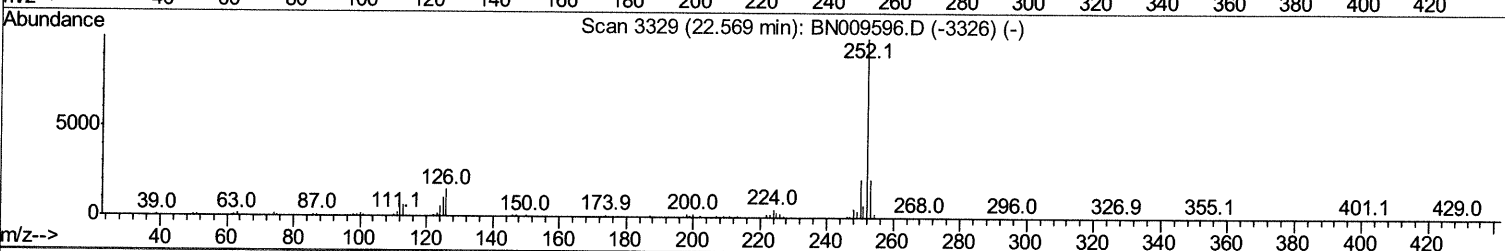
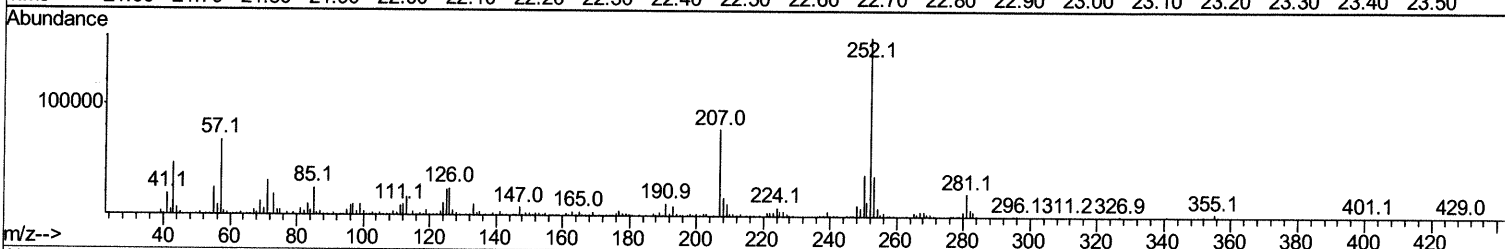
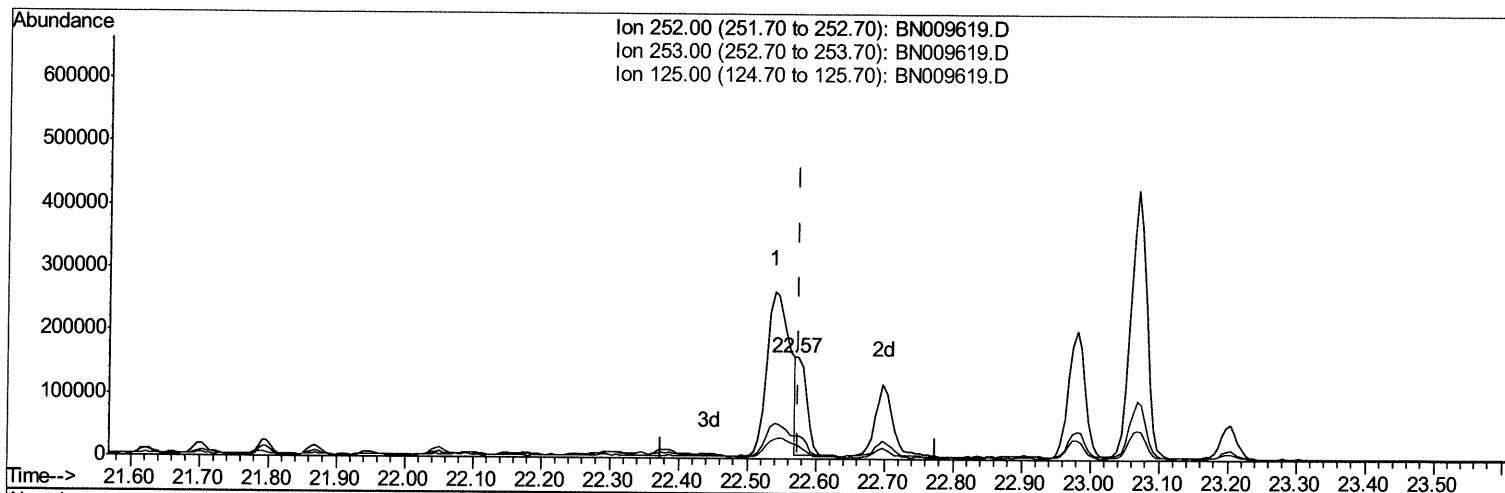
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009619.D
 Acq On : 06 Feb 2020 20:59
 Operator : CG/JU
 Sample : L1324-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT65

Manual Integrations
 APPROVED

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TIC: BN009619.D

(88) Benzo(k)fluoranthene

22.569min (-0.006) 2.63ng/ul m JU 02/13/20

response 158020

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.88
125.00	10.00	14.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020620\
 Data File : BN009619.D
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 Sample : L1324-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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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	7.43	152	171356	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	698337	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	439009	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	881571	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	871095	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	976895	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	9152	2.19	ng/uL	0.00
5) Phenol-d5	6.63	99	170747	11.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	131915	13.14	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	140361	12.76	ng/ul	-0.01
13) 4-Methylphenol-d8	8.15	113	78424	6.59	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	75991	14.63	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.29	143	78261	13.50	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.82	165	127175	11.71	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.50	166	434408	13.55	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	538641	13.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	55554	9.18	ng/ul	0.00
57) Fluorene-d10	15.08	176	400406	14.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	56594	10.28	ng/ul	0.00
70) Anthracene-d10	16.93	188	609660	15.22	ng/ul	0.00
78) Pyrene-d10	19.23	212	691433	15.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	731976	15.22	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.24	128	5132827	135.537	ng/ul	99
34) 2-Methylnaphthalene	11.87	142	6556208	247.385	ng/ul	98
40) 1,1'-Biphenyl	12.90	154	214800	6.284	ng/ul	90
44) Dimethylphthalate	13.55	163	59597	1.752	ng/ul#	93
47) Acenaphthylene	13.79	152	473861	11.182	ng/ul#	90
49) Acenaphthene	14.15	153	2346100	81.439	ng/ul	97
53) Dibenzofuran	14.48	168	292752m >	7.298	ng/ul >	JU 02/13/20
58) Fluorene	15.13	166	1339394	39.951	ng/ul	99
69) Phenanthrene	16.88	178	5785814	115.083	ng/ul	98
71) Anthracene	16.96	178	1447679	28.379	ng/ul	99
74) Carbazole	17.24	167	60004	1.351	ng/ul#	69
76) Fluoranthene	18.90	202	1799964	31.369	ng/ul	100
79) Pyrene	19.27	202	3416164	53.722	ng/ul	98
82) Benzo(a)anthracene	21.03	228	1072410m >	17.831	ng/ul >	JU 02/13/20
84) Chrysene	21.08	228	921889	15.397	ng/ul	97
87) Benzo(b)fluoranthene	22.54	252	607365m }	9.937	ng/ul }	JU 02/13/20
88) Benzo(k)fluoranthene	22.57	252	158020m }	2.625	ng/ul }	
90) Benzo(a)pyrene	23.07	252	690478	12.193	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.22	276	224793	3.339	ng/ul	97
92) Dibenzo(a,h)anthracene	25.22	278	83679	1.477	ng/ul#	88
93) Benzo(a,h,i)perylene	25.84	276	202105	3.582	ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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