

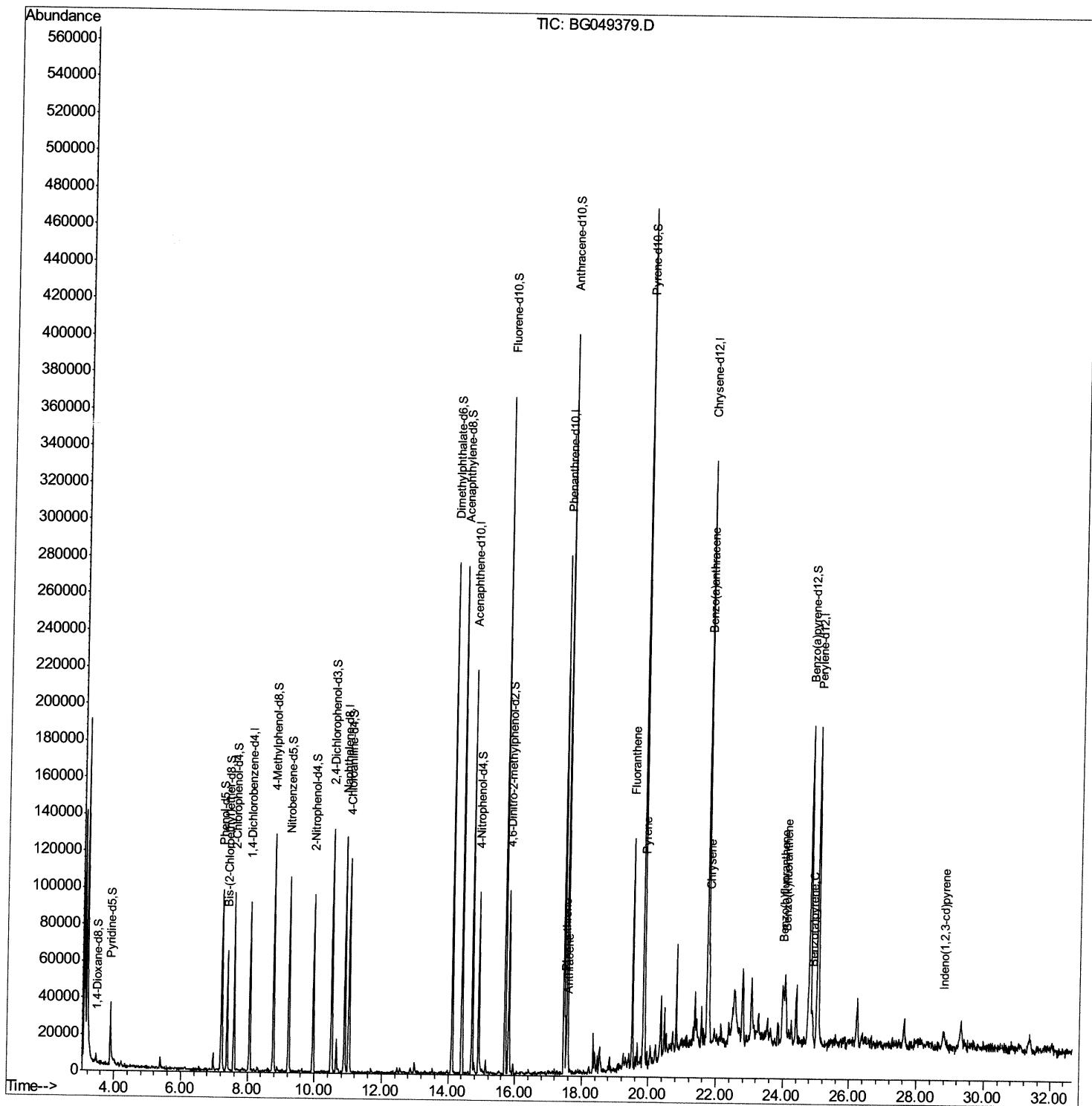
```
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\  
Data File : BG049379.D  
Acq On    : 16 Jul 2021   15:24  
Operator  : CG/JU  
Sample    : M2970-19  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
BGED2

Manual Integrations

mohammad
7/19/2021 11:53:24 AM

Quant Time: Jul 16 16:21:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

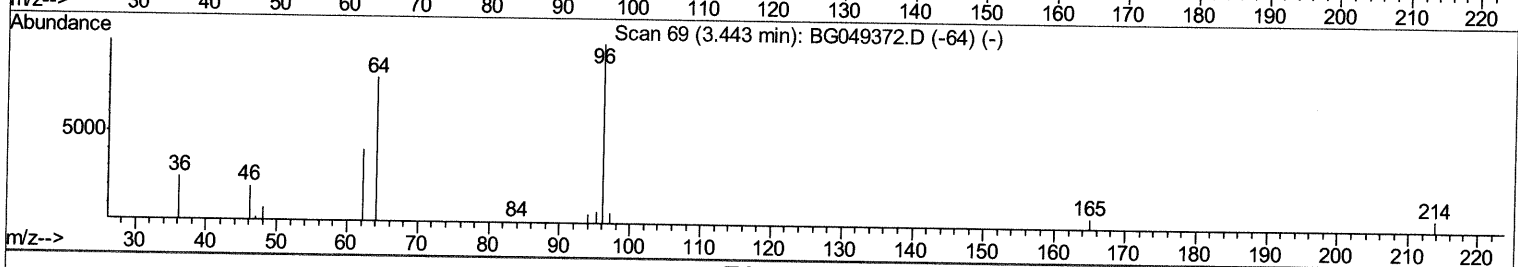
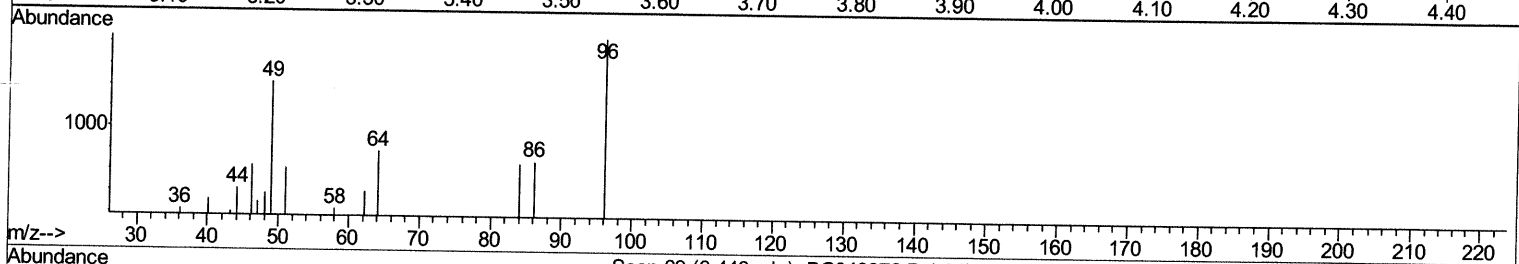
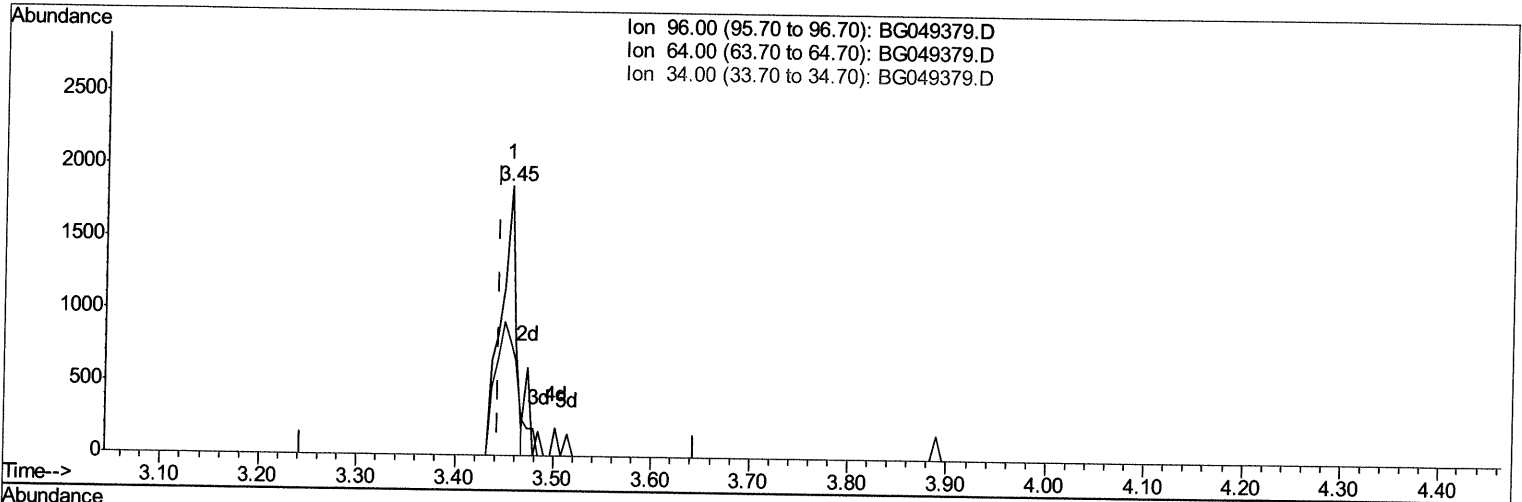
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049379.D
Acq On : 16 Jul 2021 15:24
Operator : CG/JU
Sample : M2970-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGED2

Manual Integrations
APPROVED

mohammad
7/19/2021 11:53:24 AM

Quant Time: Jul 16 16:14:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration



TIC: BG049379.D

(3) 1,4-Dioxane-d8 (S)

3.455min (+0.011) 3.87ng/uL

response 1942

Ion	Exp%	Act%
96.00	100	100
64.00	80.10	42.08#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

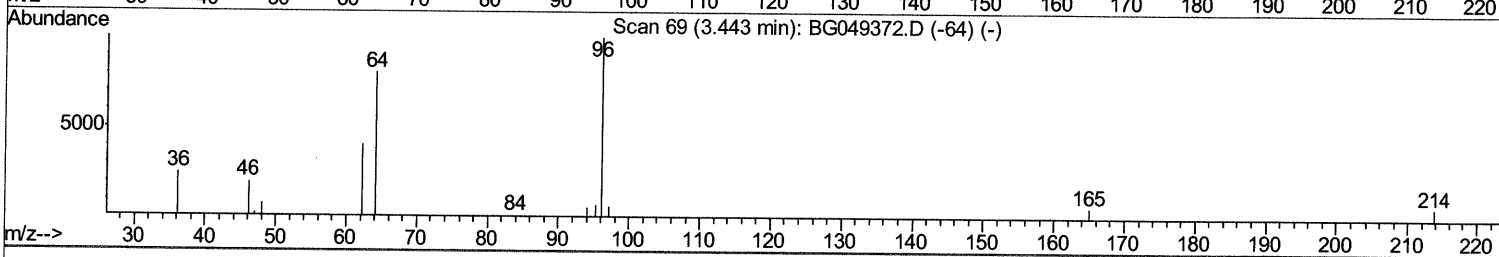
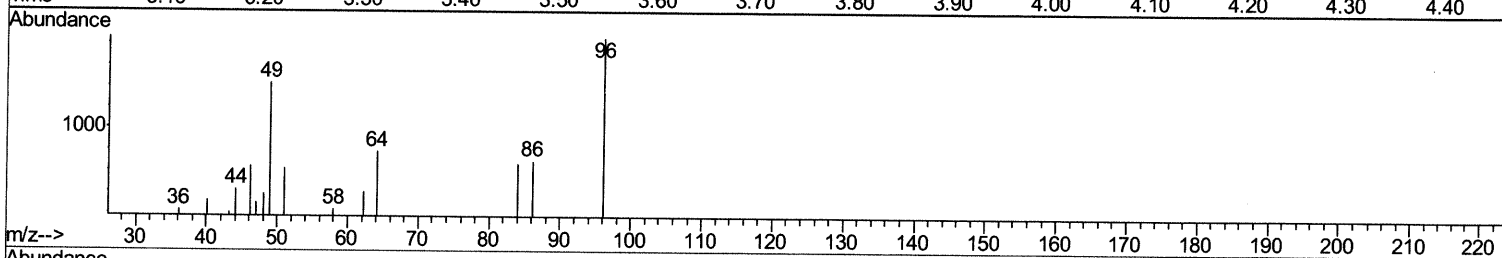
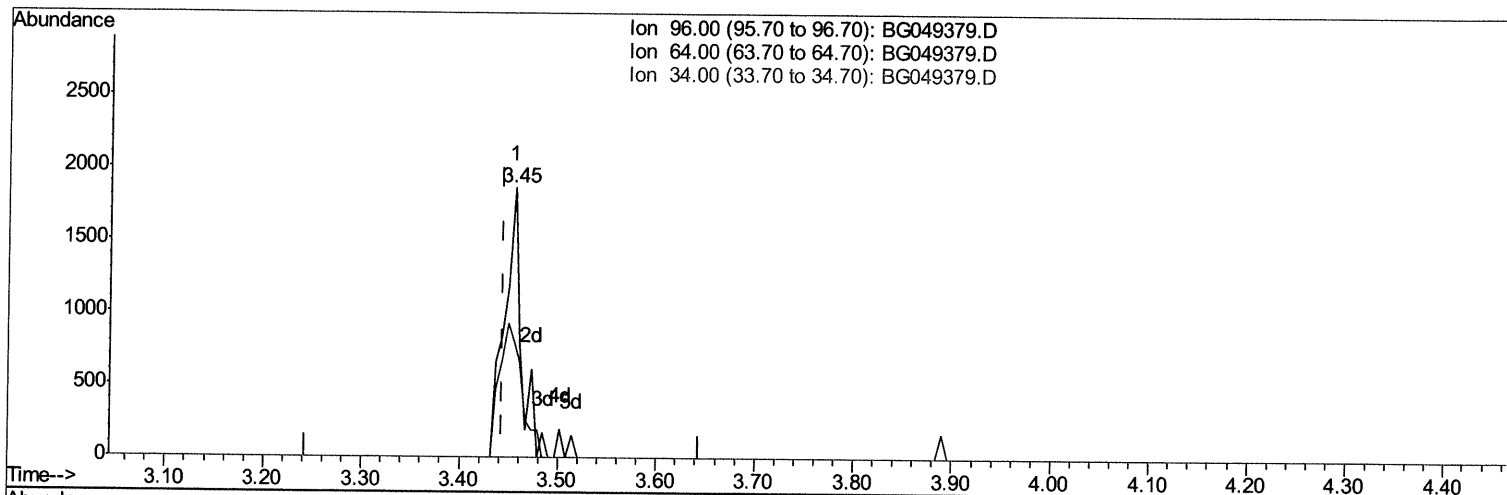
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049379.D
Acq On : 16 Jul 2021 15:24
Operator : CG/JU
Sample : M2970-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGED2

Manual Integrations
APPROVED

mohammad
7/19/2021 11:53:24 AM

Quant Time: Jul 16 16:14:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration



TIC: BG049379.D

(3) 1,4-Dioxane-d8 (S)

3.455min (+0.011) 4.30ng/uL m 07/22/21 JU

response 2158

Ion	Exp%	Act%
96.00	100	100
64.00	80.10	42.08#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

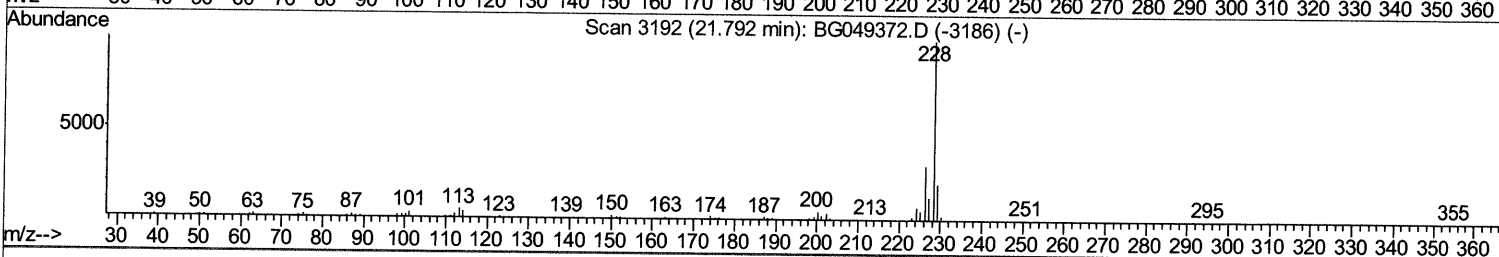
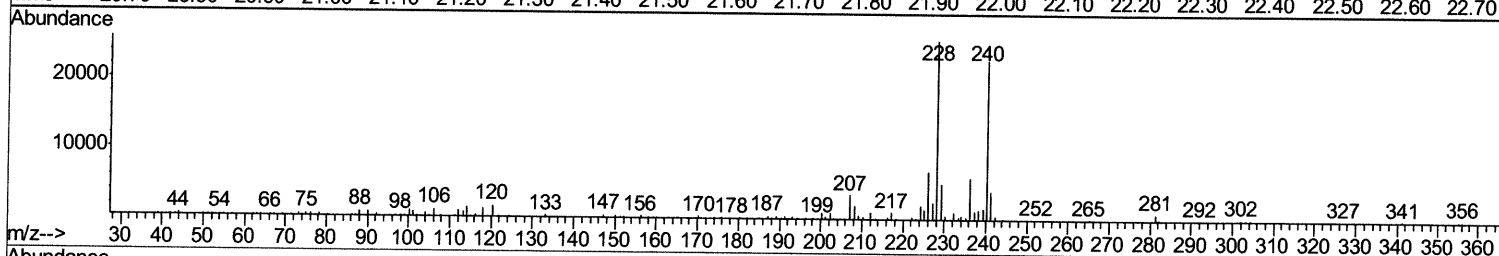
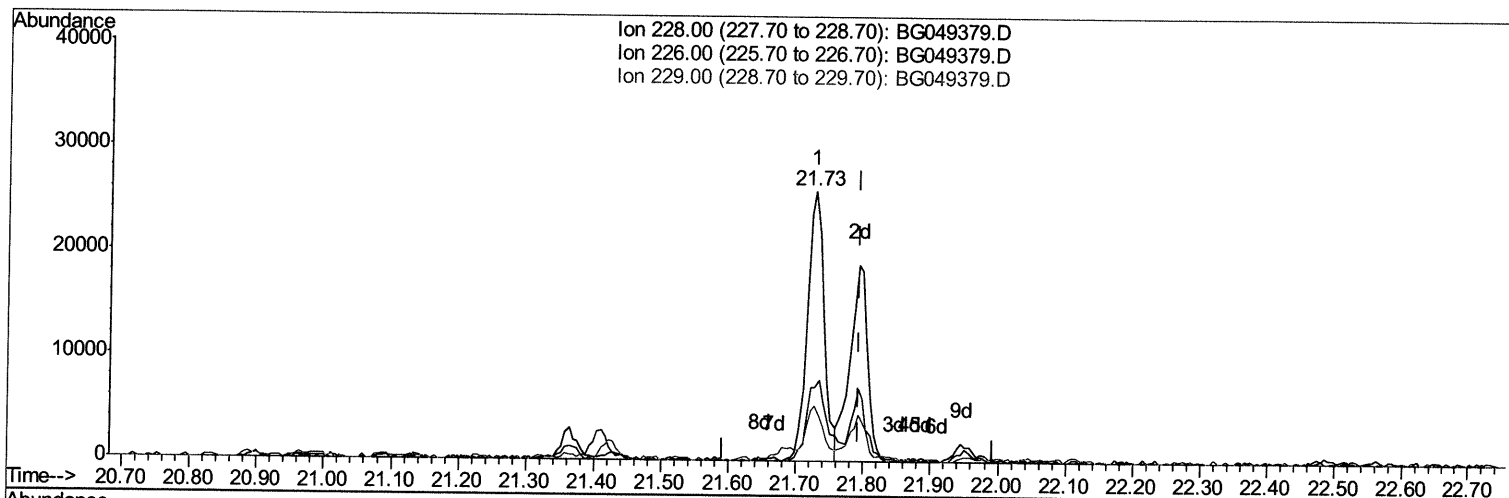
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
 Data File : BG049379.D
 Acq On : 16 Jul 2021 15:24
 Operator : CG/JU
 Sample : M2970-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 BGED2

Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:53:24 AM

Quant Time: Jul 16 16:14:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 16 15:19:54 2021
 Response via : Initial Calibration



TIC: BG049379.D

(87) Chrysene

21.728min (-0.065) 4.20ng/ul

response 44664

Ion	Exp%	Act%
228.00	100	100
226.00	29.90	27.15
229.00	19.70	20.62
0.00	0.00	0.00

Quantitation Report (Qedit)

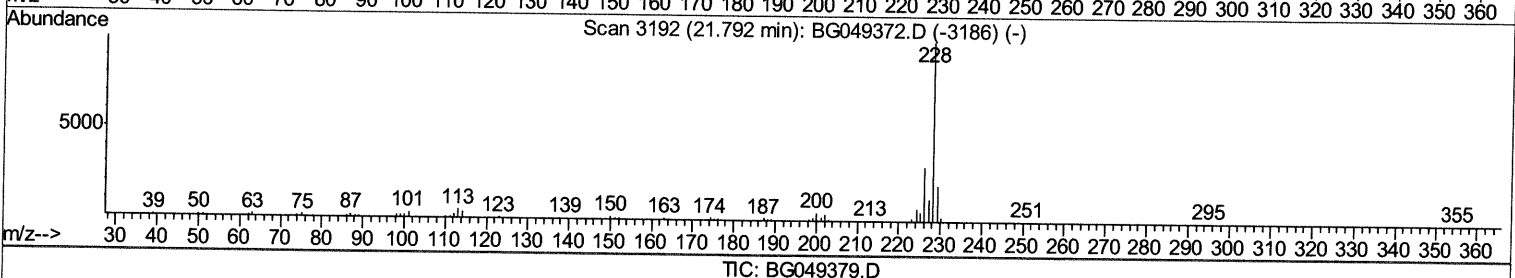
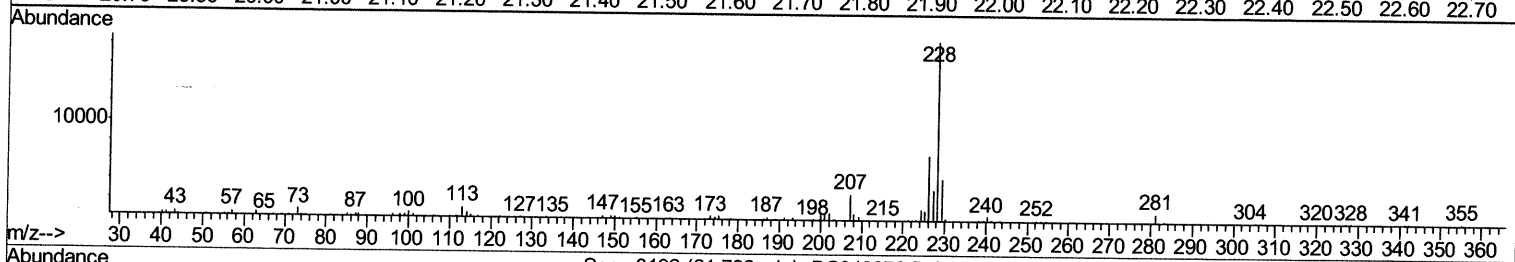
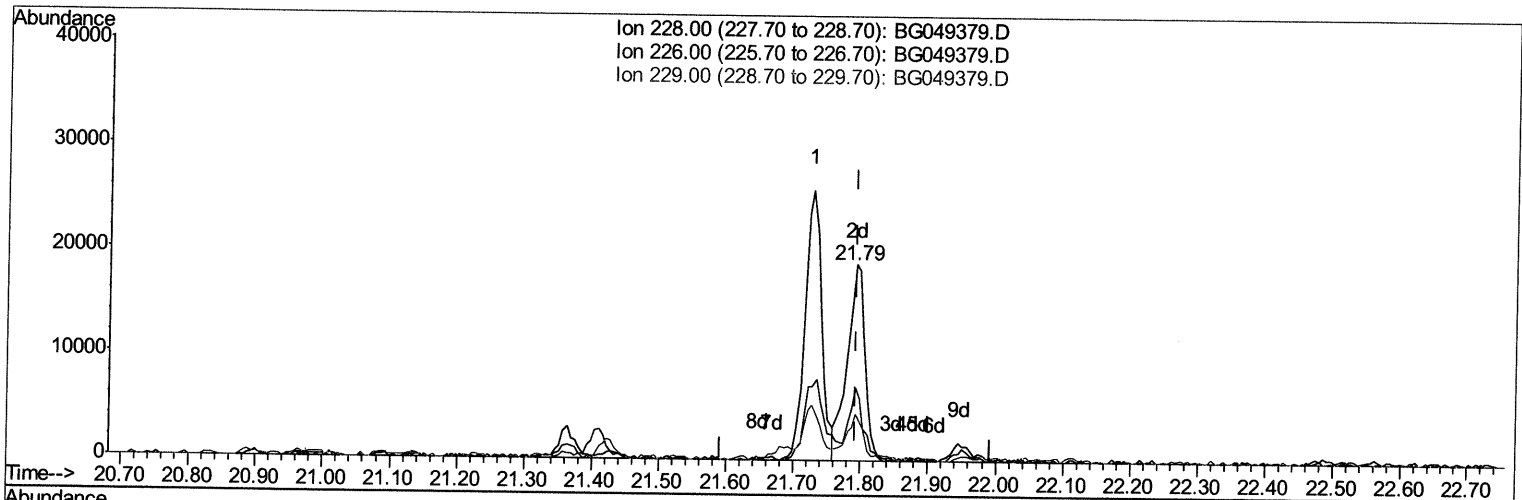
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
 Data File : BG049379.D
 Acq On : 16 Jul 2021 15:24
 Operator : CG/JU
 Sample : M2970-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 BGED2

Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:53:24 AM

Quant Time: Jul 16 16:14:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 16 15:19:54 2021
 Response via : Initial Calibration



(87) Chrysene

21.792min (-0.000) 3.33ng/ul m 07/22/21 JU

response 35434

Ion	Exp%	Act%
228.00	100	100
226.00	29.90	36.80#
229.00	19.70	23.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

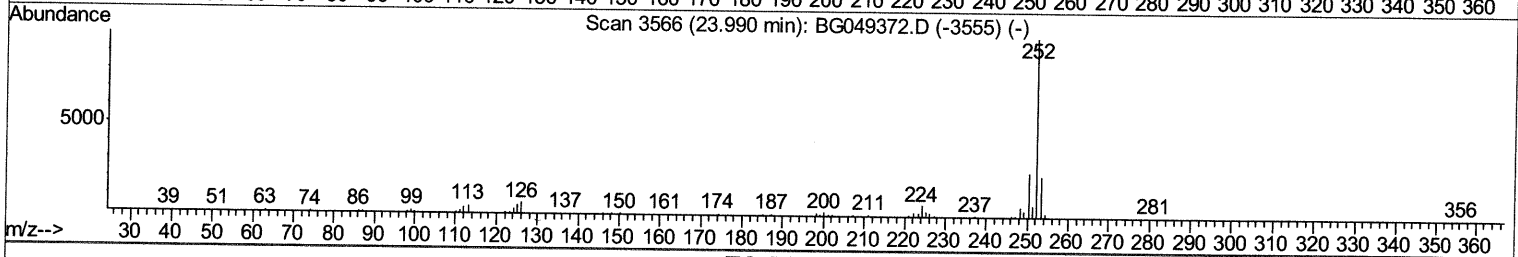
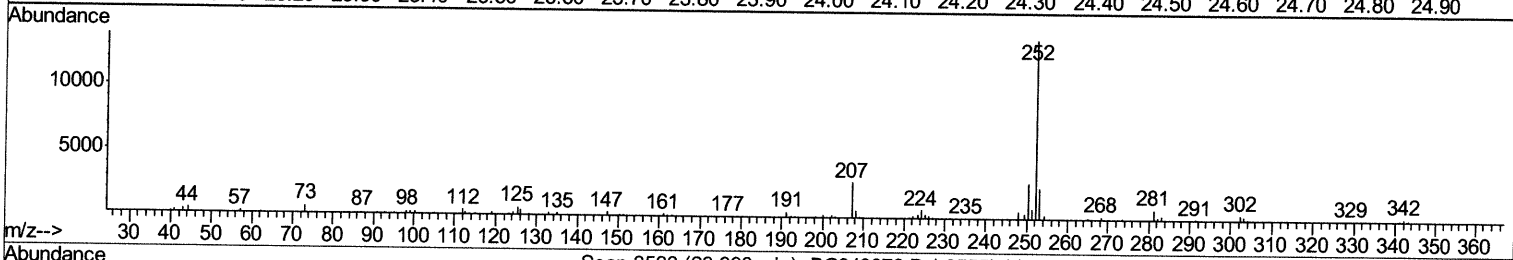
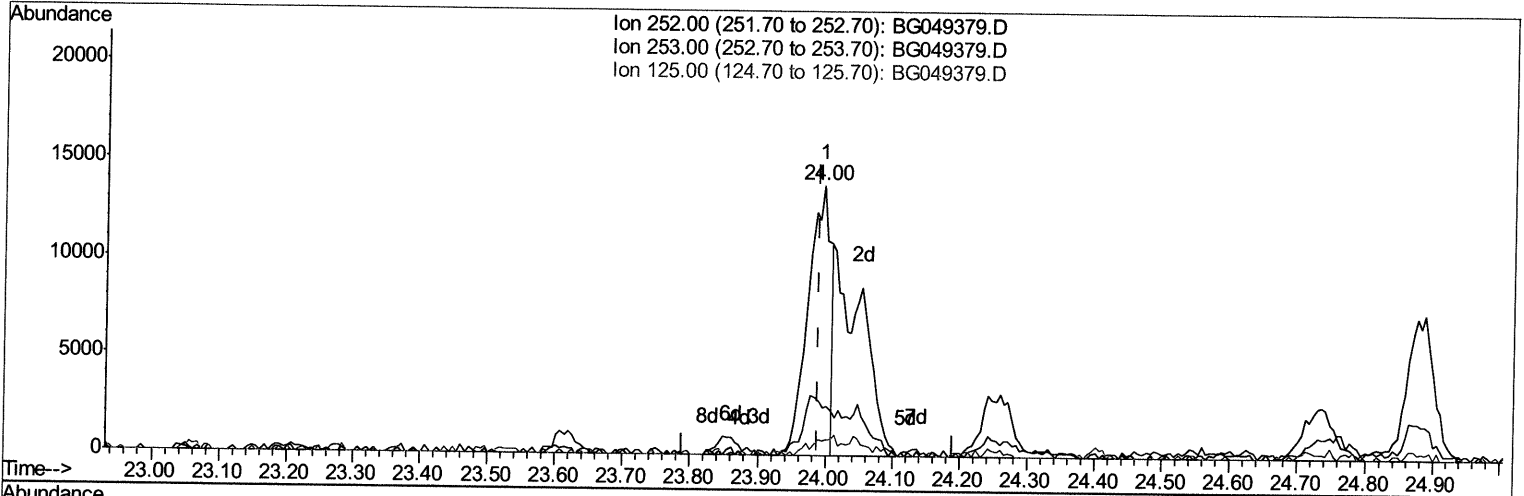
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
 Data File : BG049379.D
 Acq On : 16 Jul 2021 15:24
 Operator : CG/JU
 Sample : M2970-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGED2

Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:53:24 AM

Quant Time: Jul 16 16:14:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 16 15:19:54 2021
 Response via : Initial Calibration



TIC: BG049379.D

(90) Benzo(b)fluoranthene

23.995min (+0.006) 2.71ng/ul

response 31822

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	17.96#
125.00	5.00	5.45
0.00	0.00	0.00

Quantitation Report (Qedit)

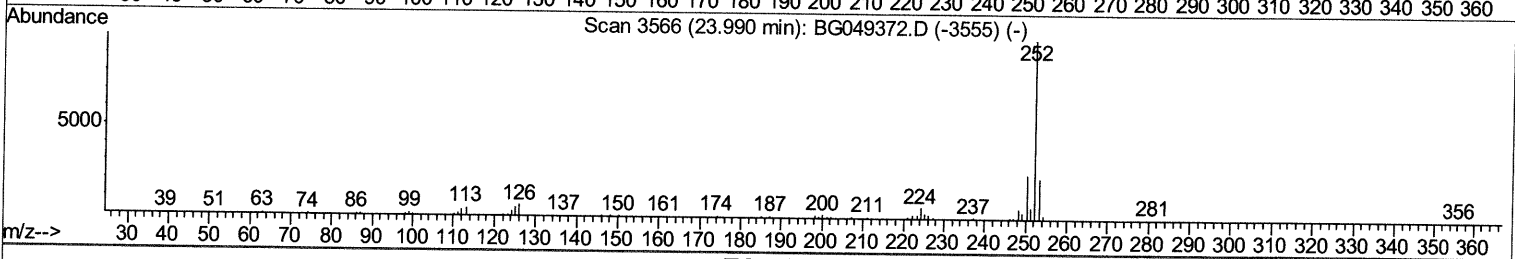
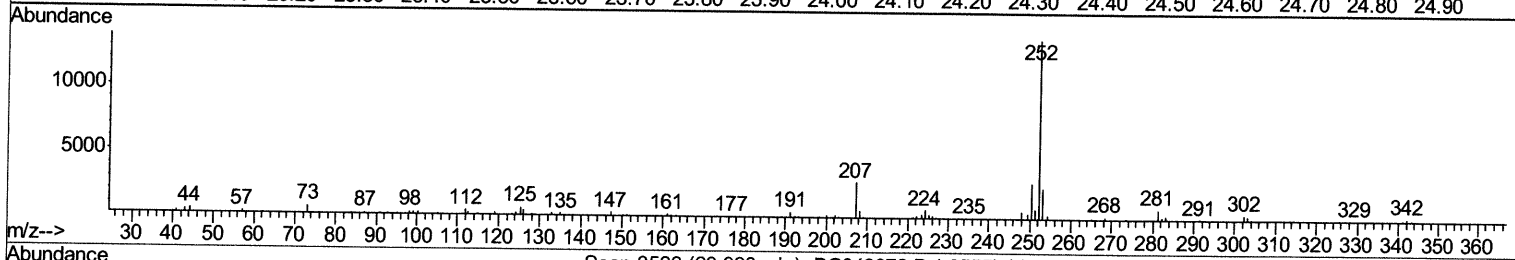
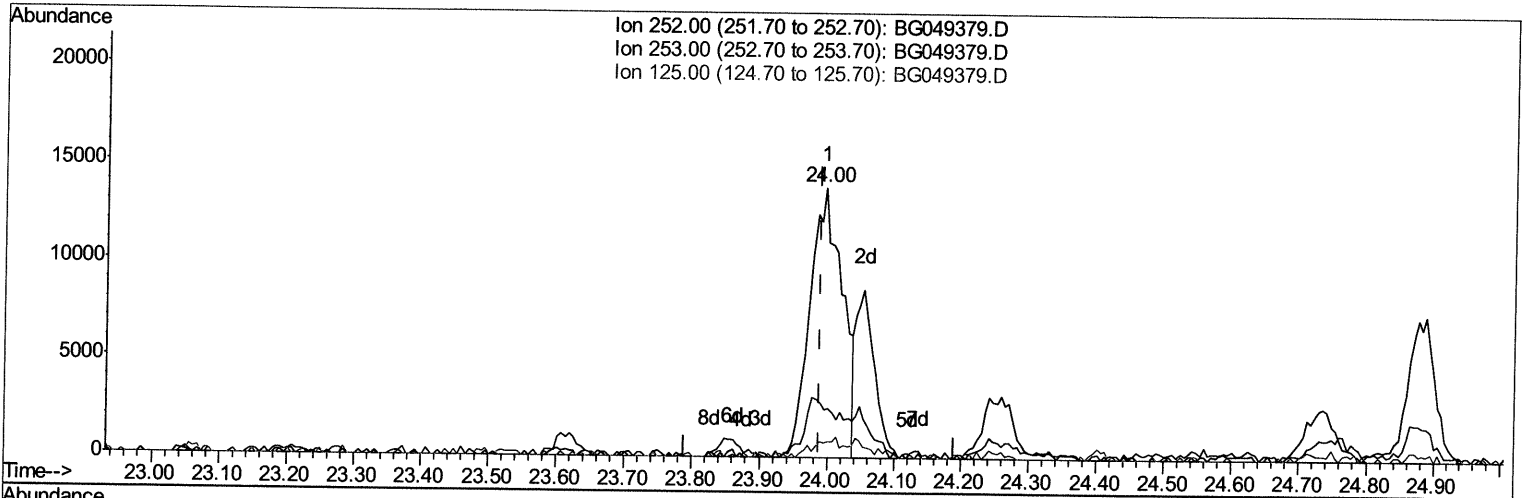
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049379.D
Acq On : 16 Jul 2021 15:24
Operator : CG/JU
Sample : M2970-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGED2

Manual Integrations
APPROVED

mohammad
7/19/2021 11:53:24 AM

Quant Time: Jul 16 16:14:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration



TIC: BG049379.D

(90) Benzo(b)fluoranthene

23.995min (+0.006) 3.90ng/ul m 07/22/21 JU

response 45817

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	17.96#
125.00	5.00	5.45
0.00	0.00	0.00

Quantitation Report (Qedit)

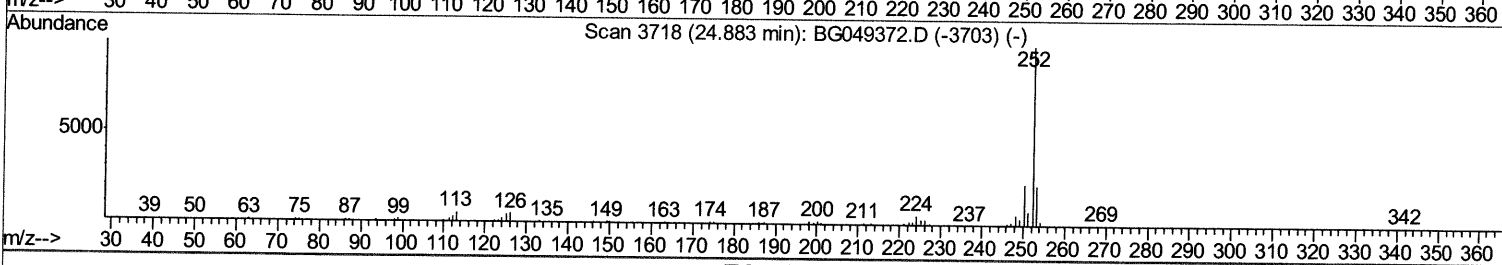
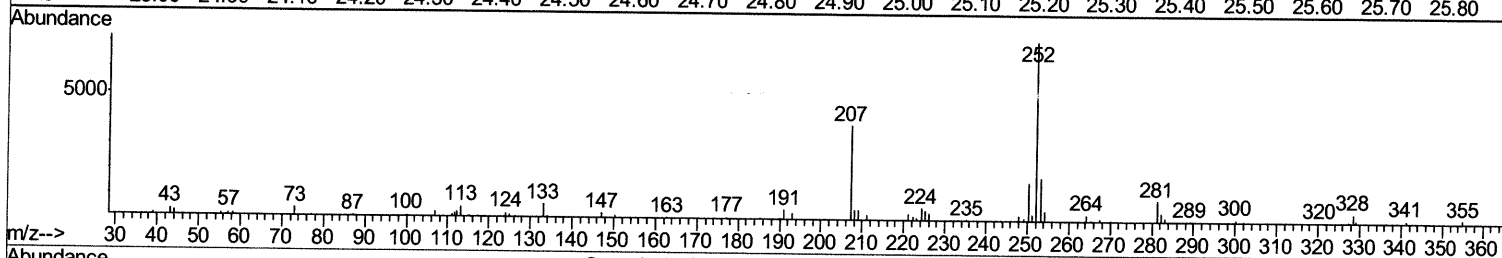
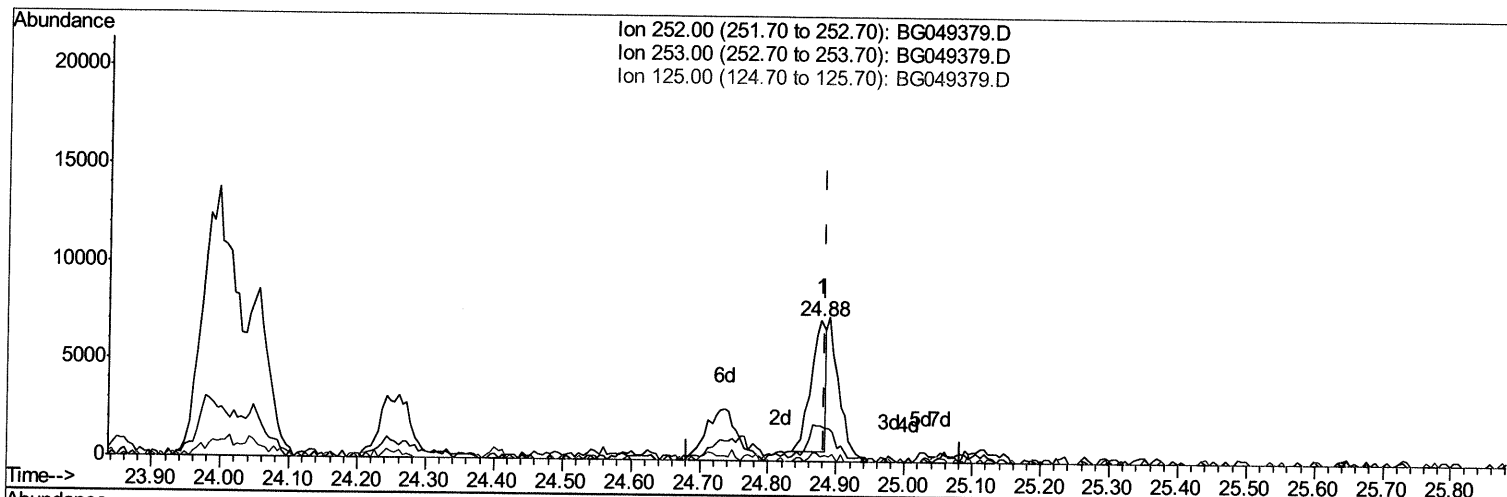
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
 Data File : BG049379.D
 Acq On : 16 Jul 2021 15:24
 Operator : CG/JU
 Sample : M2970-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGED2

Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:53:24 AM

Quant Time: Jul 16 16:14:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 16 15:19:54 2021
 Response via : Initial Calibration



TIC: BG049379.D

(93) Benzo(a)pyrene (C)

24.877min (-0.006) 1.01ng/ul

response 10394

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.65
125.00	4.20	3.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

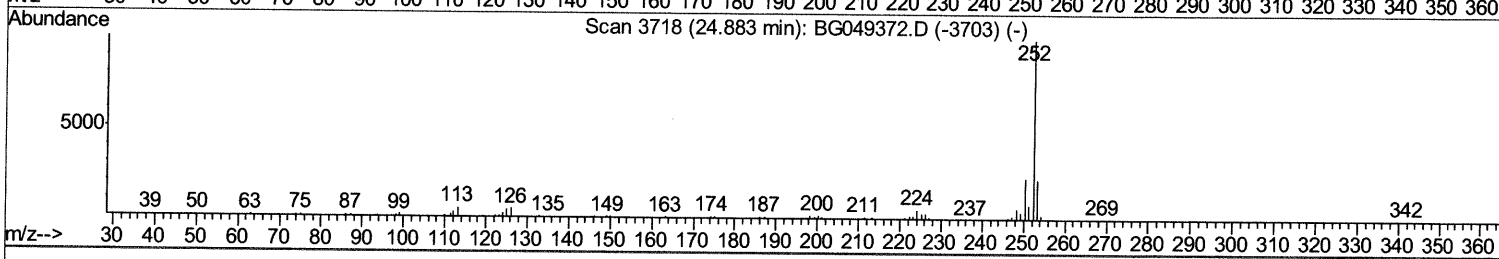
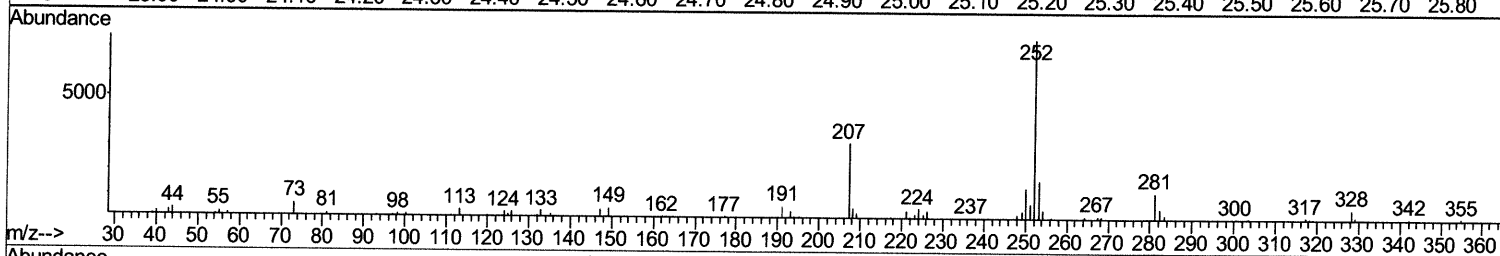
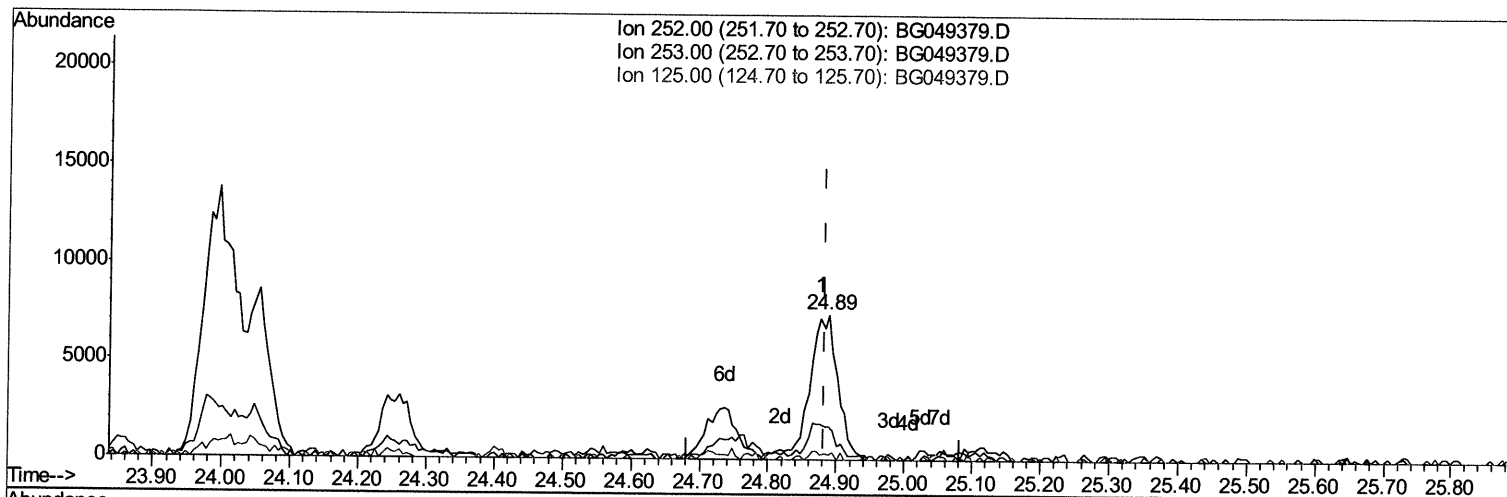
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049379.D
Acq On : 16 Jul 2021 15:24
Operator : CG/JU
Sample : M2970-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGED2

Manual Integrations
APPROVED

mohammad
7/19/2021 11:53:24 AM

Quant Time: Jul 16 16:14:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration



TIC: BG049379.D

(93) Benzo(a)pyrene (C)

24.889min (+0.006) 2.10ng/ul m 07/22/21 JU

response 21651

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.58
125.00	4.20	3.61
0.00	0.00	0.00

Quantitation Report (Qedit)

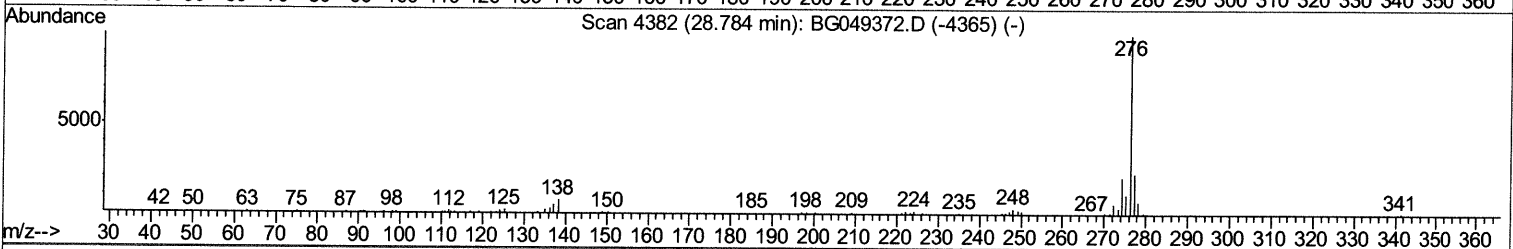
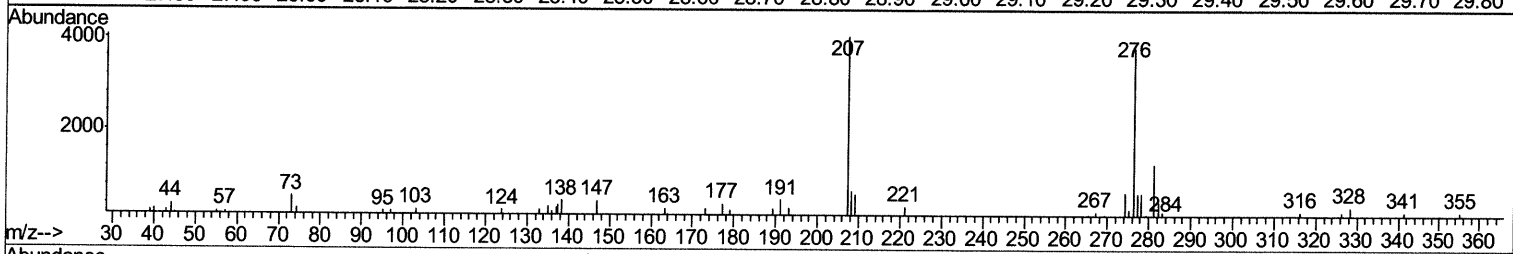
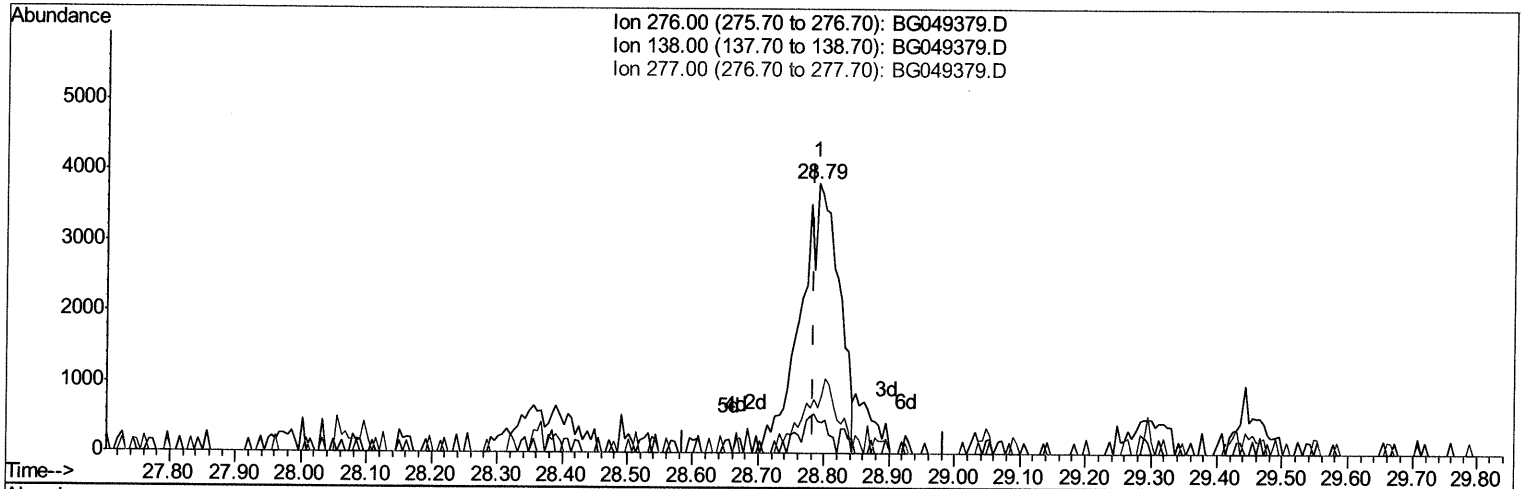
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
 Data File : BG049379.D
 Acq On : 16 Jul 2021 15:24
 Operator : CG/JU
 Sample : M2970-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGED2

Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:53:24 AM

Quant Time: Jul 16 16:14:08 2021
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 Response via : Initial Calibration



TIC: BG049379.D

(94) Indeno(1,2,3-cd)pyrene

28.790min (+0.006) 1.18ng/ul

response 15667

Ion	Exp%	Act%
276.00	100	100
138.00	7.50	12.01#
277.00	22.70	16.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

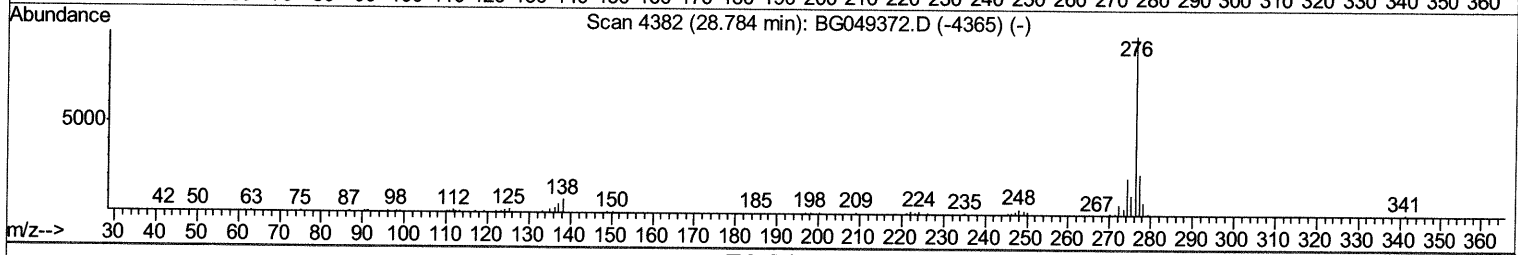
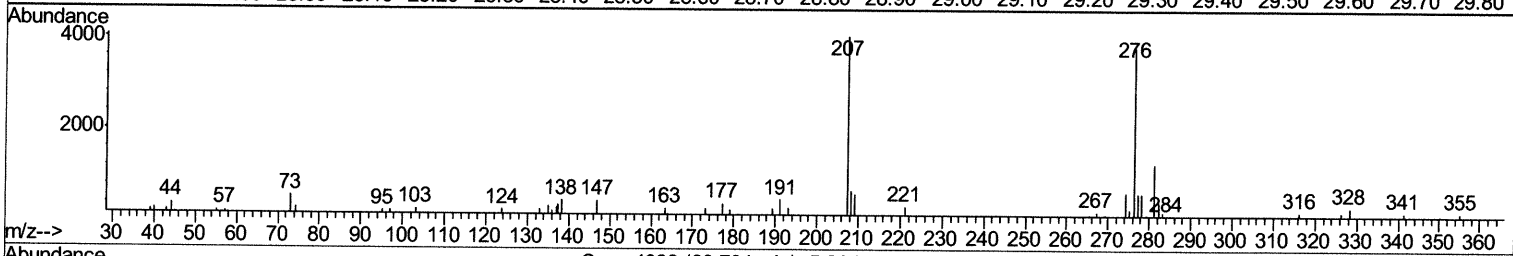
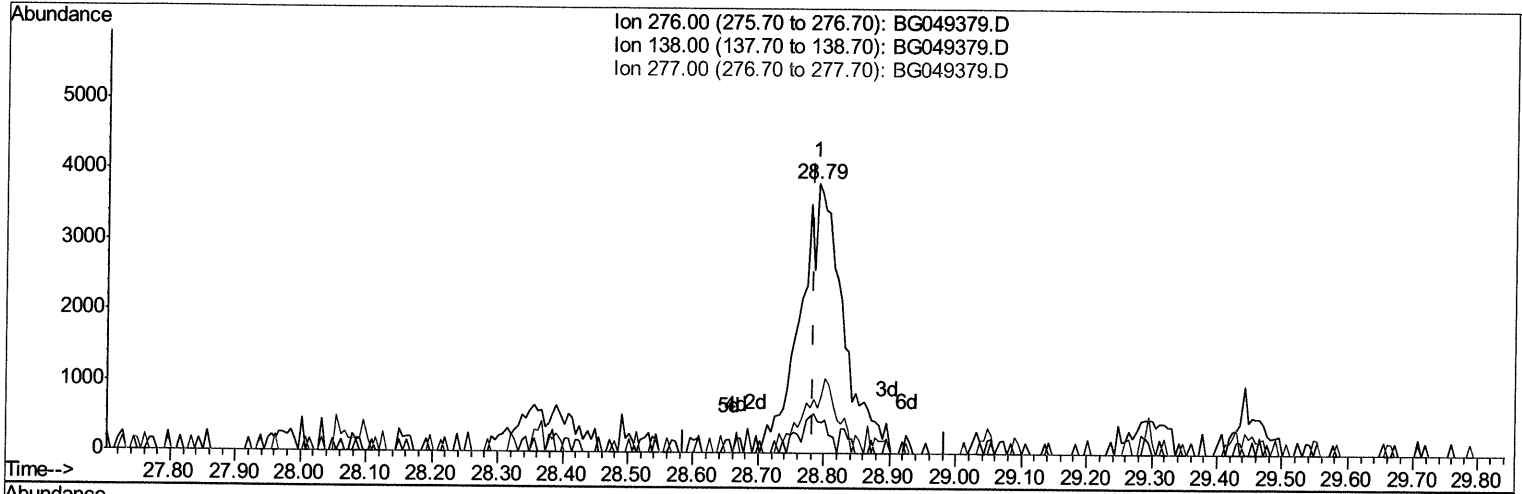
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049379.D
Acq On : 16 Jul 2021 15:24
Operator : CG/JU
Sample : M2970-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGED2

Manual Integrations
APPROVED

mohammad
7/19/2021 11:53:24 AM

Quant Time: Jul 16 16:14:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration



TIC: BG049379.D

(94) Indeno(1,2,3-cd)pyrene

28.790min (+0.006) 1.30ng/ul m 07/22/21 JU

response 17380

Ion	Exp%	Act%
276.00	100	100
138.00	7.50	12.01#
277.00	22.70	16.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
 Data File : BG049379.D
 Acq On : 16 Jul 2021 15:24
 Operator : CG/JU
 Sample : M2970-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:53:24 AM

Quant Time: Jul 16 16:21:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23621	20.00	ng/ul	0.00
20) Naphthalene-d8	10.89	136	103699	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	78777	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	183792	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	183065	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	190274	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	2158m	4.30	ng/uL	0.01	07/22/21 JU
4) Pvrindine-d5	3.88	84	18091	12.25	ng/ul	0.00	
7) Phenol-d5	7.22	99	51591	25.11	ng/ul	0.00	
9) Bis-(2-Chloroethyl)ether-d	7.38	67	32595	27.35	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.59	132	41872	27.57	ng/ul	0.00	
15) 4-Methylphenol-d8	8.77	113	47026	28.57	ng/ul	0.00	
21) Nitrobenzene-d5	9.23	128	22006	27.65	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.96	143	26228	28.71	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.50	165	47504	26.65	ng/ul	0.00	
31) 4-Chloroaniline-d4	11.02	131	58359	25.12	ng/ul	0.00	
46) Dimethylphthalate-d6	14.11	166	176706	29.17	ng/ul	0.00	
49) Acenaphthylene-d8	14.41	160	193783	27.26	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.91	143	21048	20.99	ng/ul	0.00	
60) Fluorene-d10	15.71	176	146974	28.65	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	15.82	200	21245	18.19	ng/ul	0.00	
73) Anthracene-d10	17.56	188	245896	29.39	ng/ul	0.00	
81) Pyrene-d10	19.85	212	253223	26.99	ng/ul	0.00	
92) Benzo(a)pyrene-d12	24.81	264	206865	20.91	ng/ul	0.00	

Target Compounds

					Ovalue	
72) Phenanthrene	17.51	178	19743	2.202	ng/ul	97
74) Anthracene	17.60	178	9707	1.060	ng/ul	96
80) Fluoranthene	19.51	202	78282	7.174	ng/ul#	96
82) Pvrene	19.88	202	51881	4.772	ng/ul#	92
85) Benzo(a)anthracene	21.73	228	44664	3.970	ng/ul	99
87) Chrysene	21.79	228	35434m	3.330	ng/ul	07/22/21 JU
90) Benzo(b)fluoranthene	24.00	252	45817m	3.903	ng/ul	
91) Benzo(k)fluoranthene	24.05	252	16485	1.440	ng/ul#	94
93) Benzo(a)pyrene	24.89	252	21651m	2.096	ng/ul	07/22/21 JU
94) Indeno(1,2,3-cd)pyrene	28.79	276	17380m	1.304	ng/ul	

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