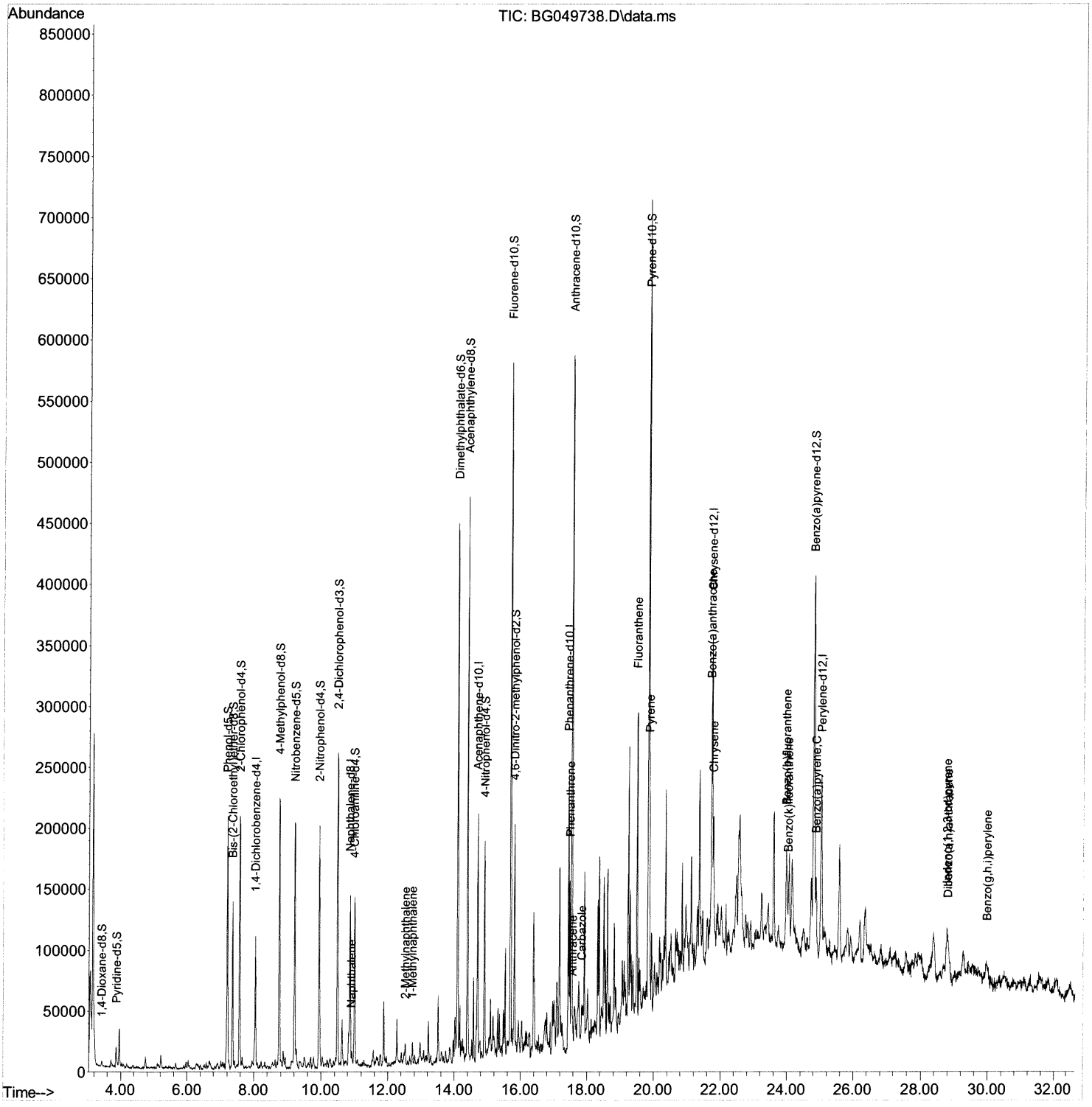
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 09 14:49:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 09 11:39:37 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C00E8

Manual Integrations APPROVED
mohammad
8/10/2021 4:33:13 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 09 14:49:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 09 11:39:37 2021
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Instrument :
BNA_G
ClientSampleId :
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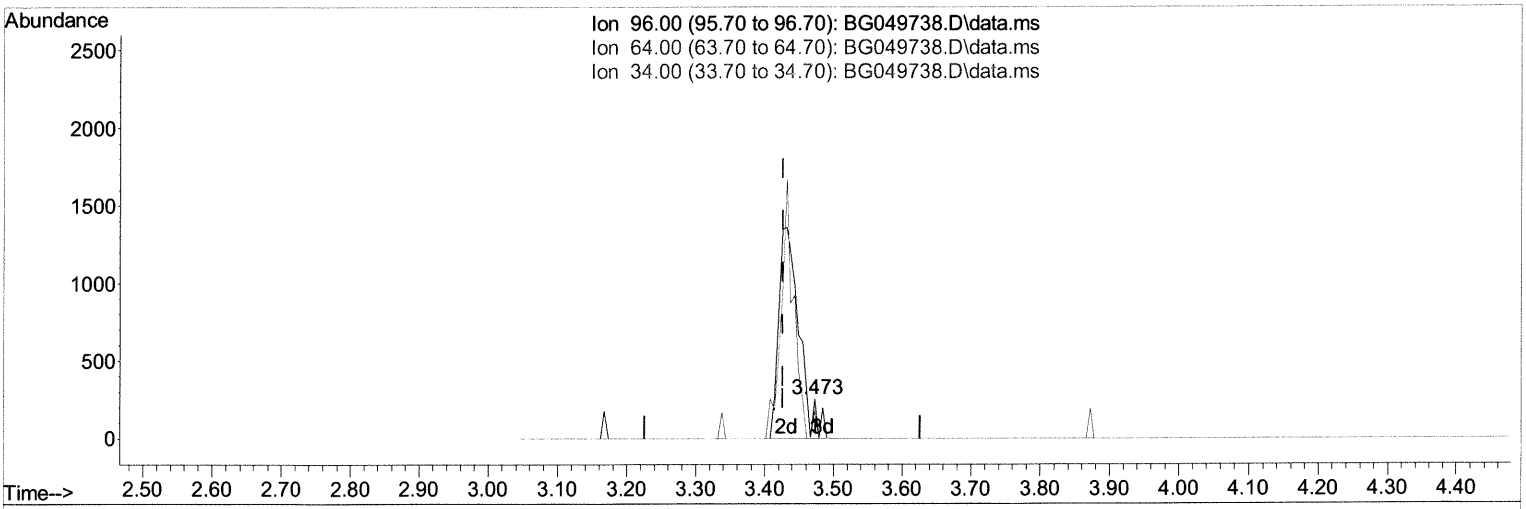
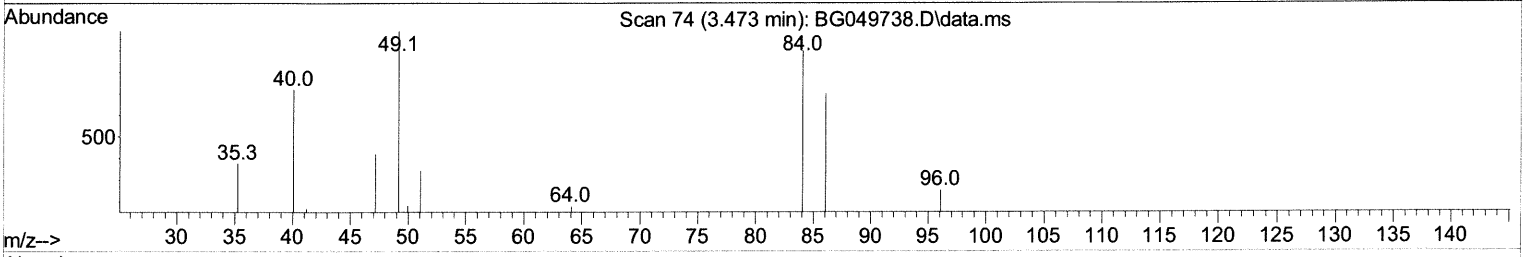
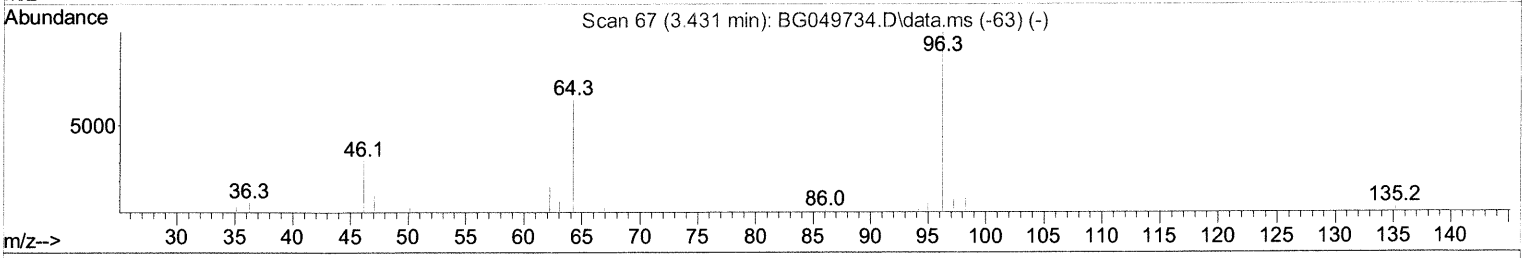
Manual Integrations APPROVED
mohammad
8/10/2021 4:33:13 PM







TIC: BG049738.D\data.ms

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

3.473min (+ 0.047) 0.15 ng/uL

response 89

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	70.24
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
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Operator : CG/JU
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Misc :
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BNA_G
ClientSampleId :
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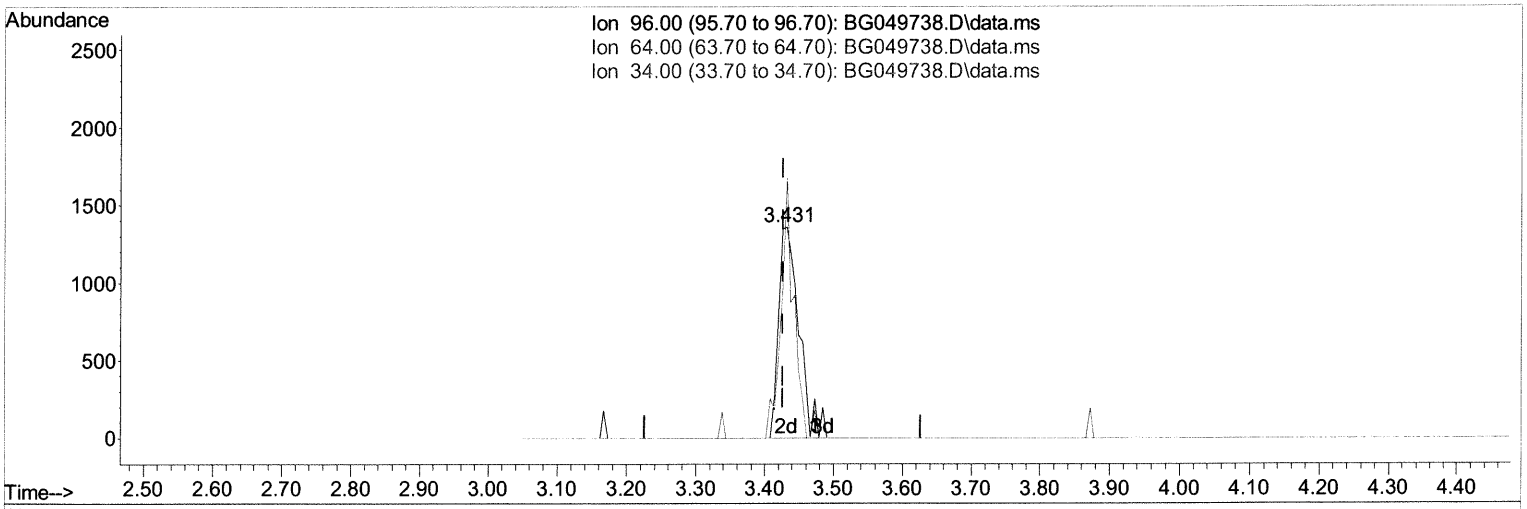
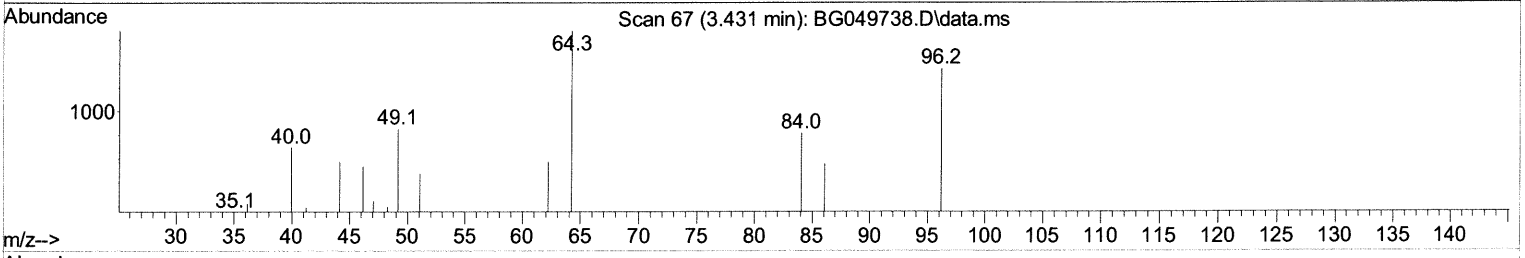
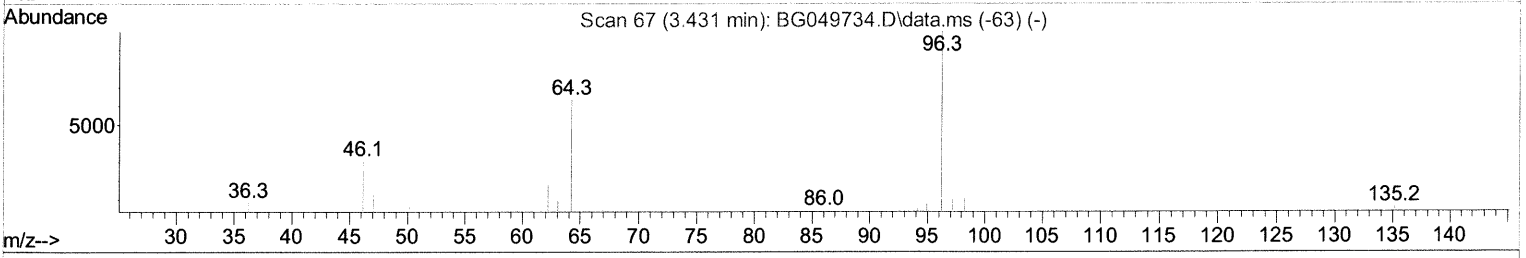
Manual Integrations APPROVED
mohammad
8/10/2021 4:33:13 PM







TIC: BG049738.D\data.ms

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

3.431min (+ 0.005) 4.39 ng/uL m 08/12/21 JU

response 2641

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	123.49#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 09 14:49:17 2021
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Quant Title : SVOA CALIBRATION
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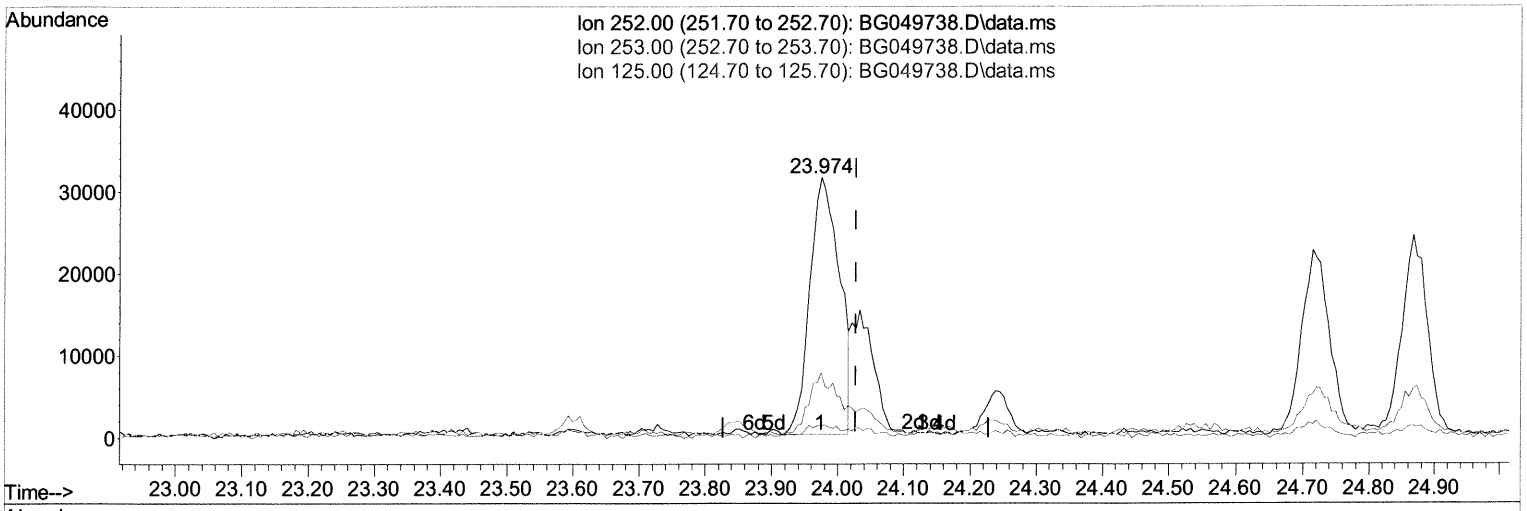
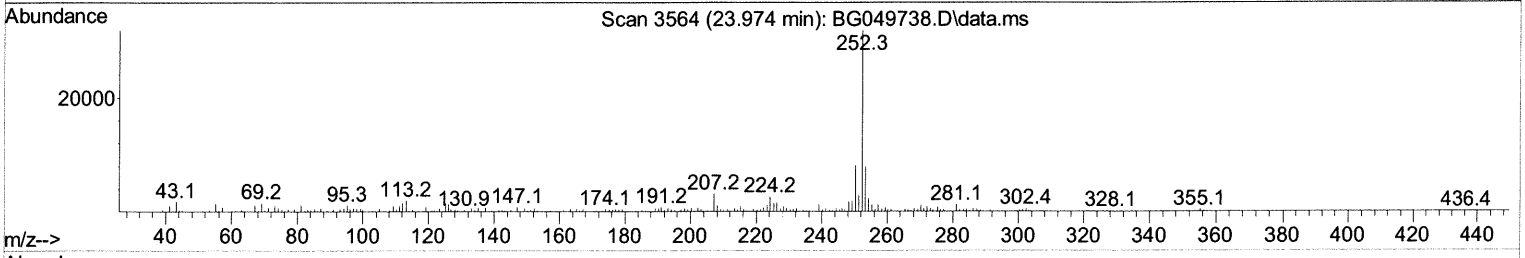
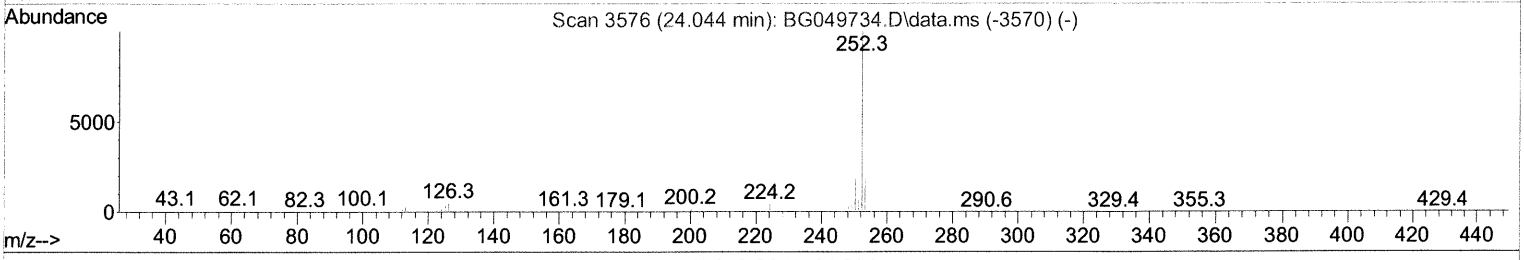
Instrument :
BNA_G
ClientSampleId :
C00E8

Manual Integrations APPROVED
mohammad
8/10/2021 4:33:13 PM







TIC: BG049738.D\data.ms

(91) Benzo(k)fluoranthene

23.974min (-0.053) 11.29 ng/ul

response 97246

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	25.04
125.00	4.80	4.73
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : M3208-08
Misc :
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Instrument :
BNA_G
ClientSampleId :
C00E8

Manual Integrations APPROVED
mohammad
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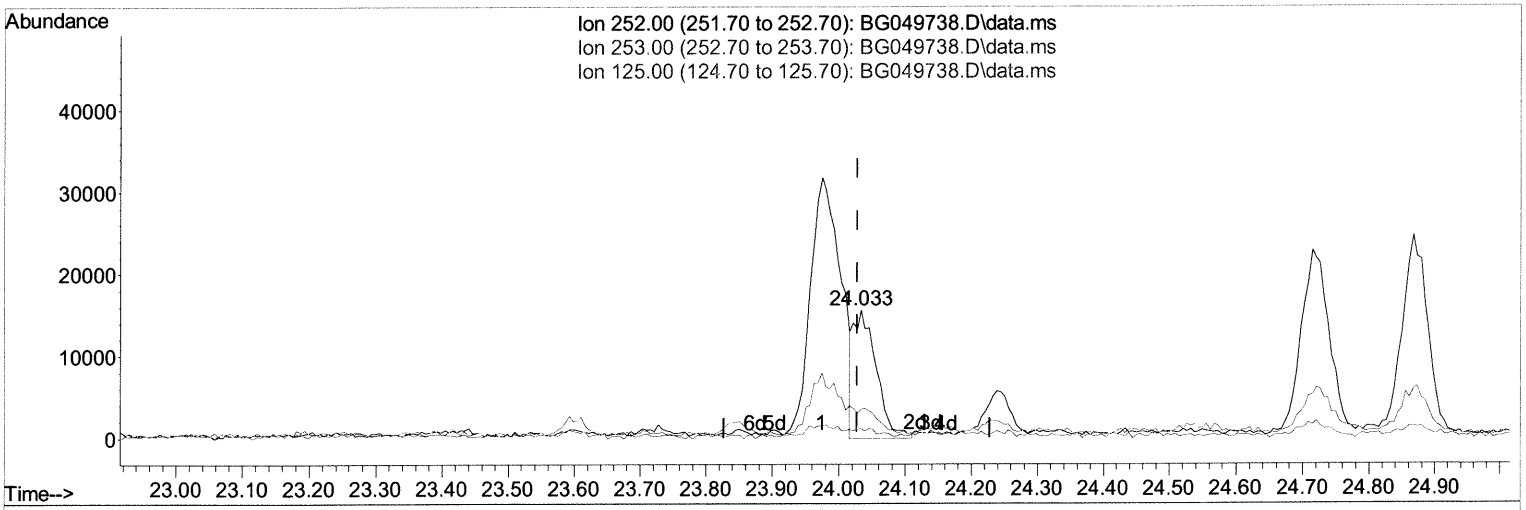

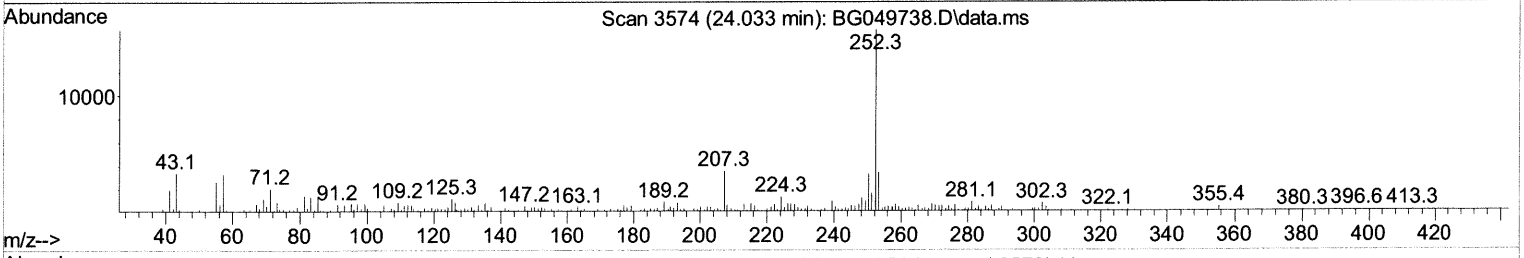

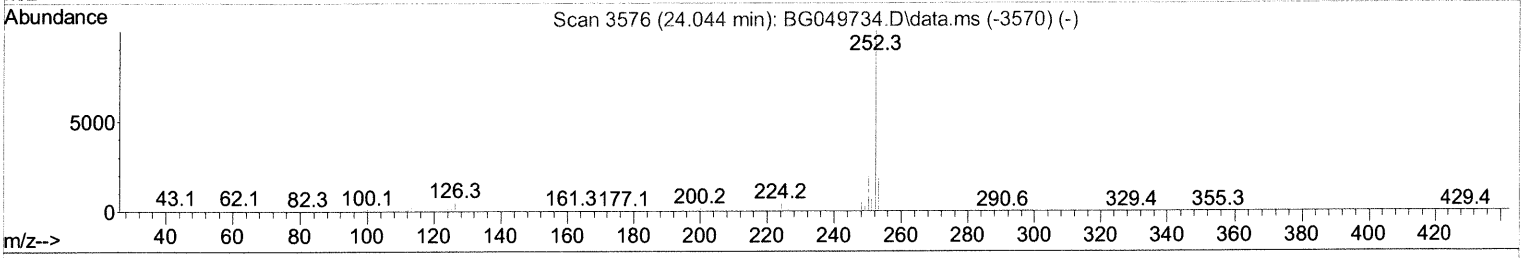

TIC: BG049738.D\data.ms

(91) Benzo(k)fluoranthene

24.033min (+ 0.006) 4.34 ng/ul m CG 8/12/21 JU

response 37370

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.20
125.00	4.80	7.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
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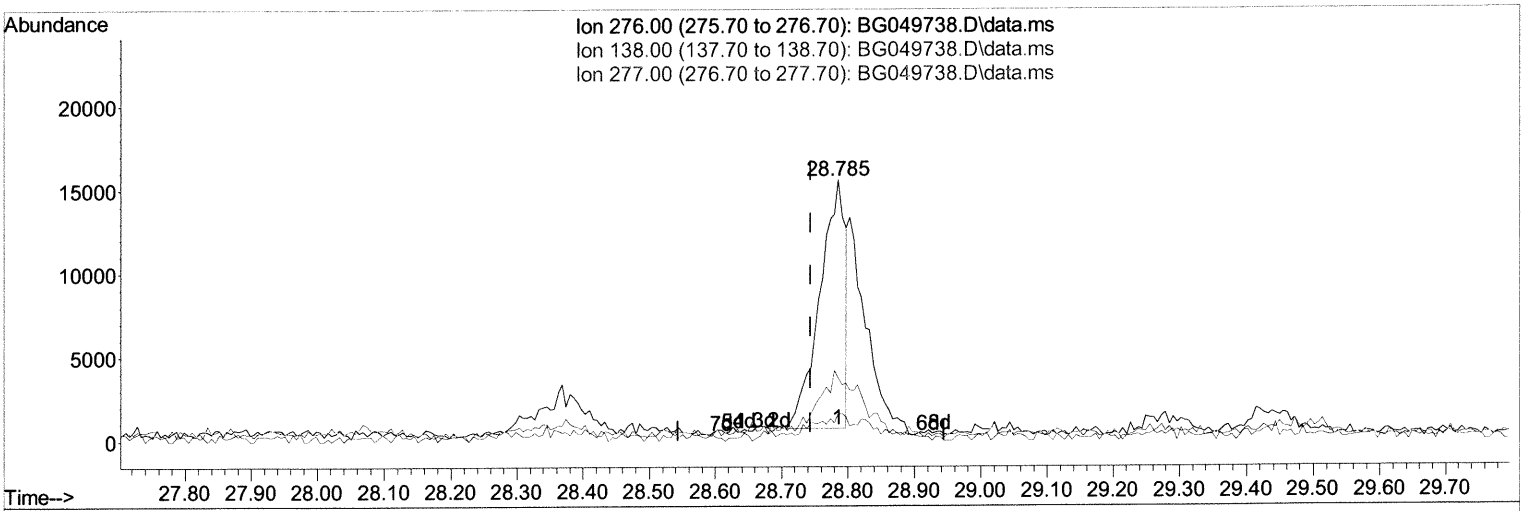
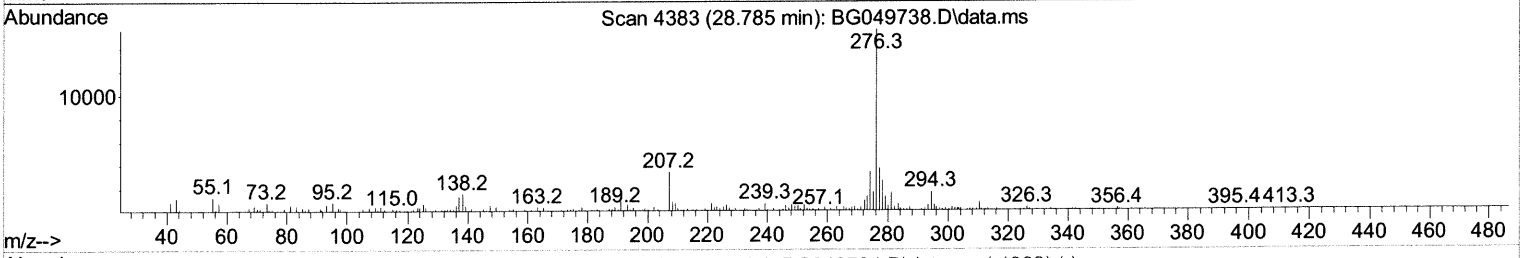
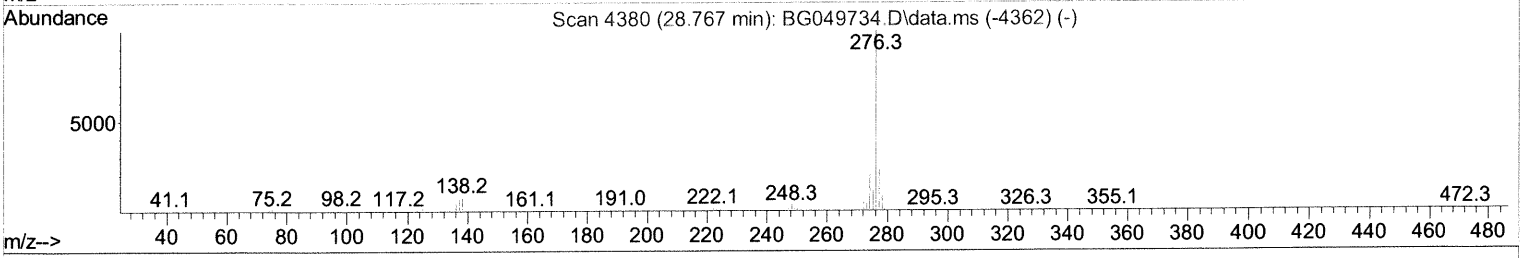
Instrument :
BNA_G
ClientSampleId :
C00E8

Manual Integrations APPROVED
mohammad
8/10/2021 4:33:13 PM







TIC: BG049738.D\data.ms

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

28.785min (+ 0.041) 3.93 ng/ul

response 39359

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	10.24#
277.00	24.30	24.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
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Operator : CG/JU
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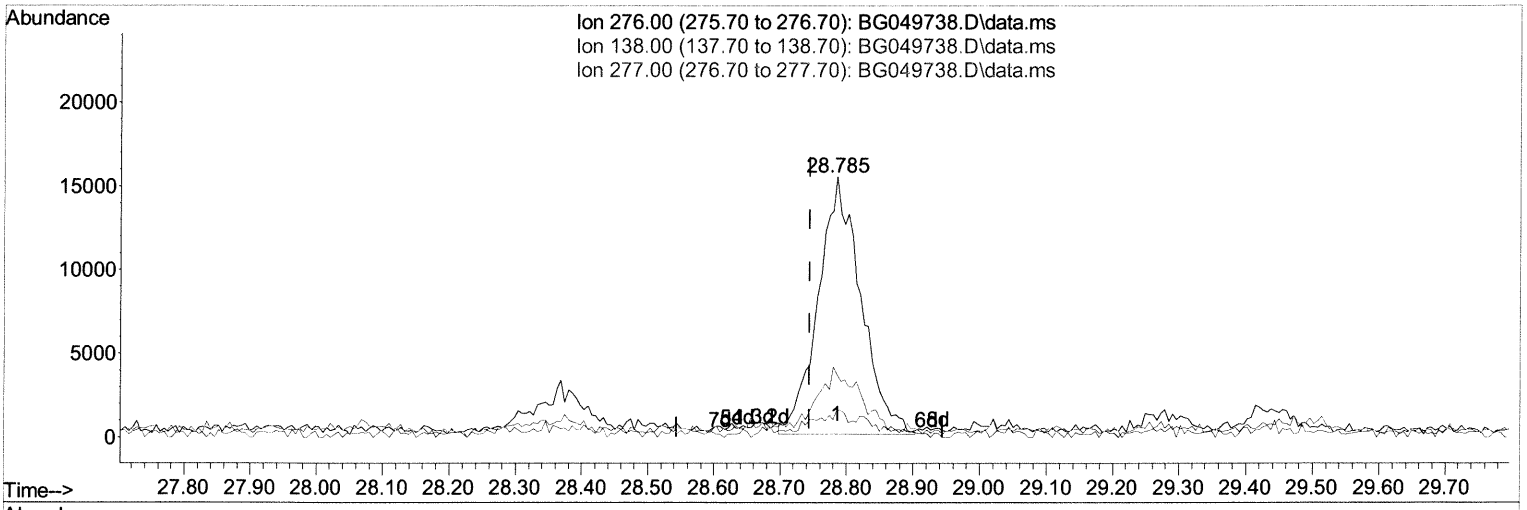
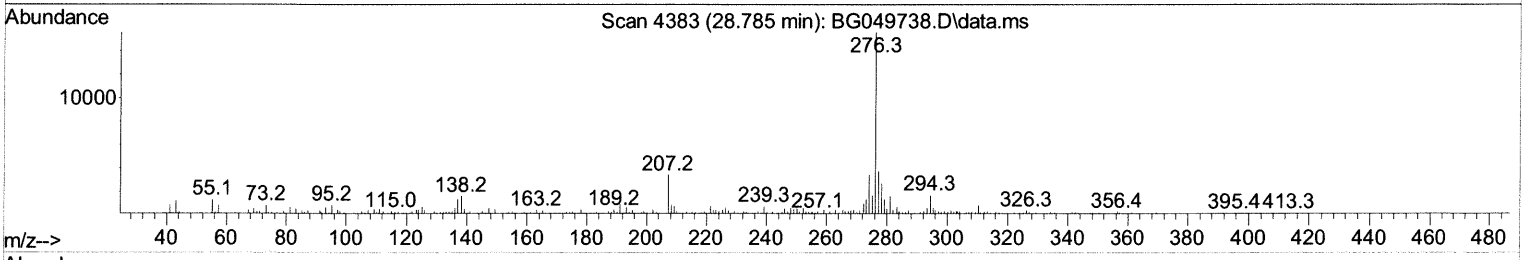
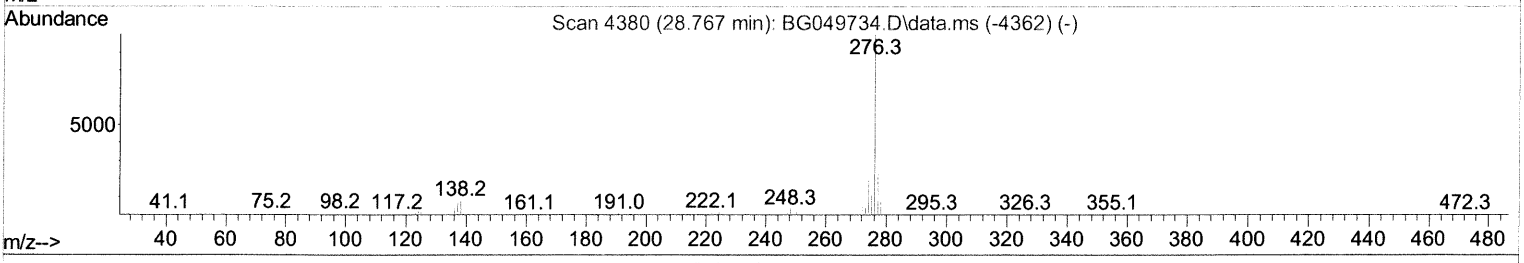
Instrument :
BNA_G
ClientSampleId :
C00E8

Manual Integrations APPROVED
mohammad
8/10/2021 4:33:13 PM







TIC: BG049738.D\data.ms

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

28.785min (+ 0.041) 6.87 ng/ul m 8/12/21 JU

response 68826

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	10.24#
277.00	24.30	24.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 09 14:49:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
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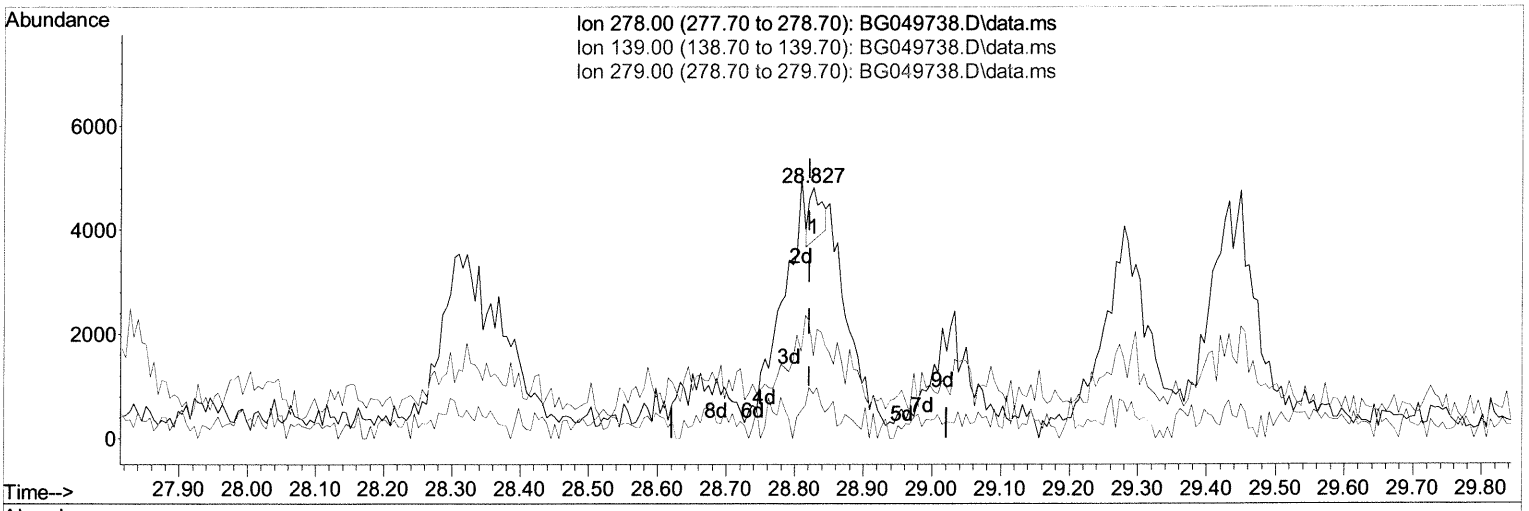
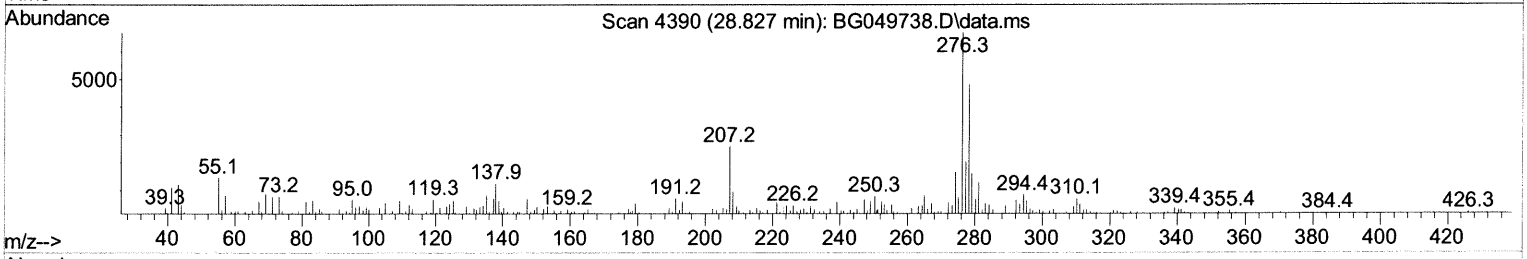
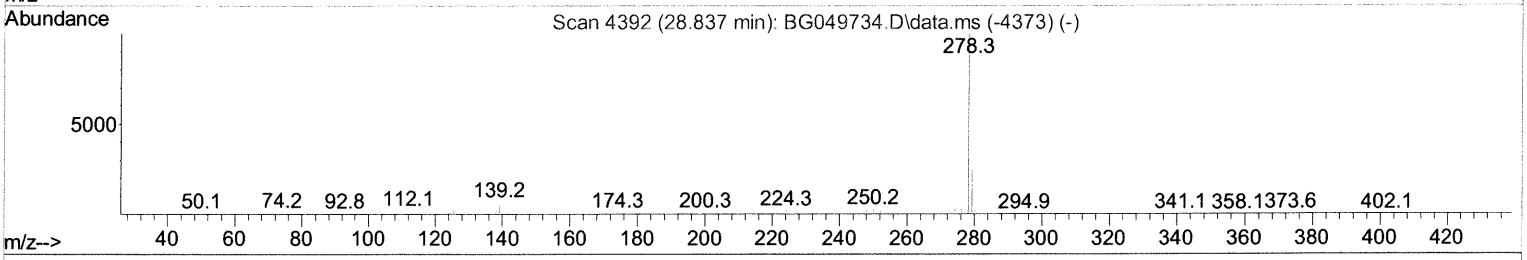
BNA_G
ClientSampleId :
C00E8

Manual Integrations APPROVED
mohammad
8/10/2021 4:33:13 PM







TIC: BG049738.D\data.ms

(95) Dibenzo(a,h)anthracene

28.827min (+ 0.006) 0.15 ng/ul

response 1289

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	17.65#
279.00	23.60	33.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
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Misc :
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Quant Title : SVOA CALIBRATION
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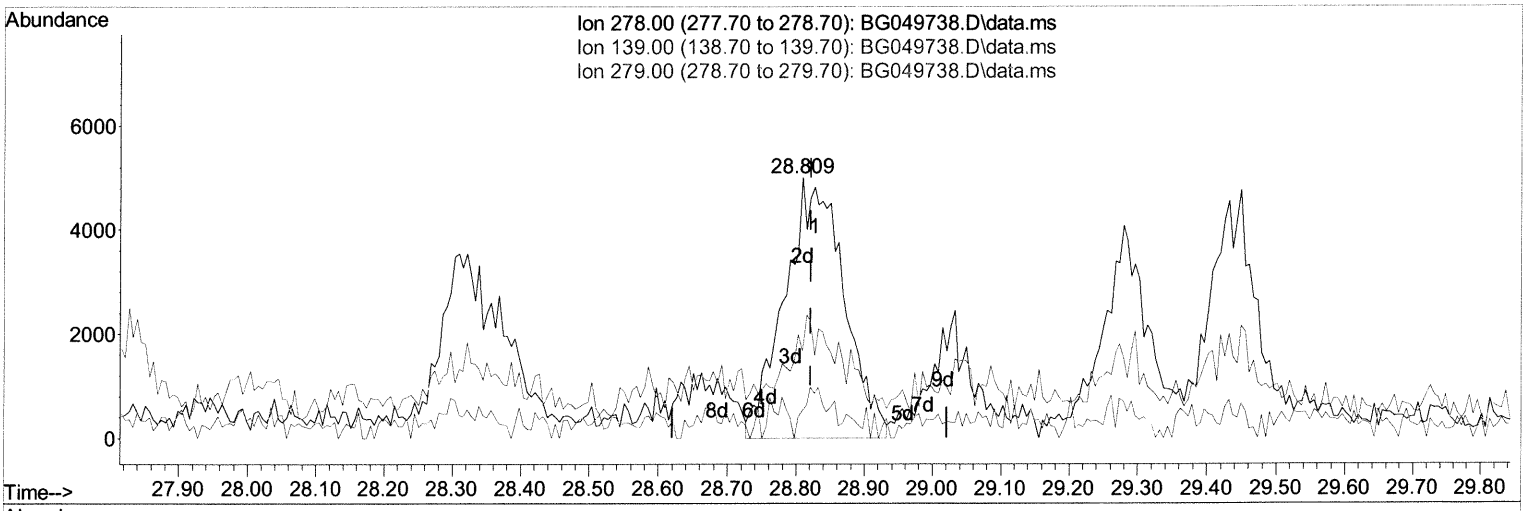
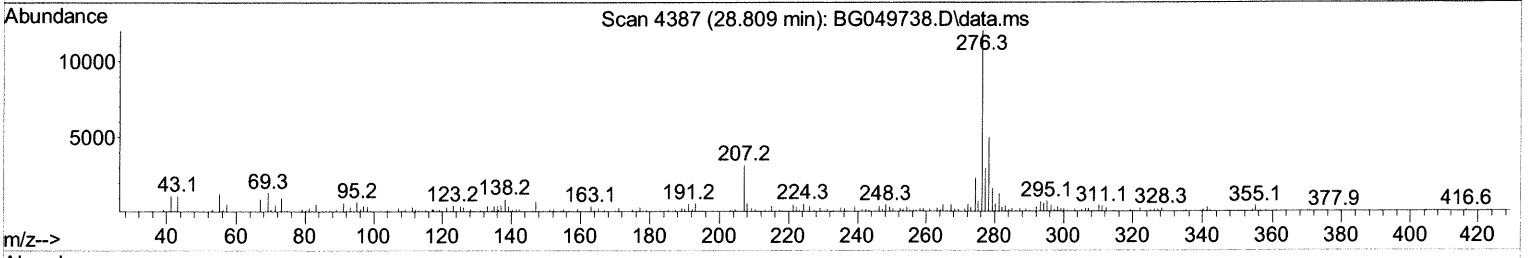
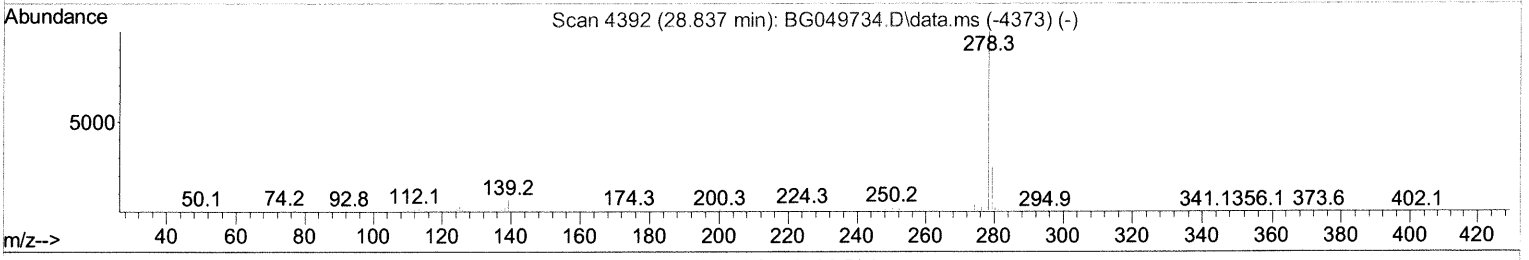
Instrument :
BNA_G
ClientSampleId :
C00E8

Manual Integrations APPROVED
mohammad
8/10/2021 4:33:13 PM







TIC: BG049738.D\data.ms

(95) Dibenzo(a,h)anthracene

28.809min (-0.012) 3.58 ng/ul m 08/10/21 JU

response 29931

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	10.59#
279.00	23.60	33.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
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Manual Integrations APPROVED
mohammad
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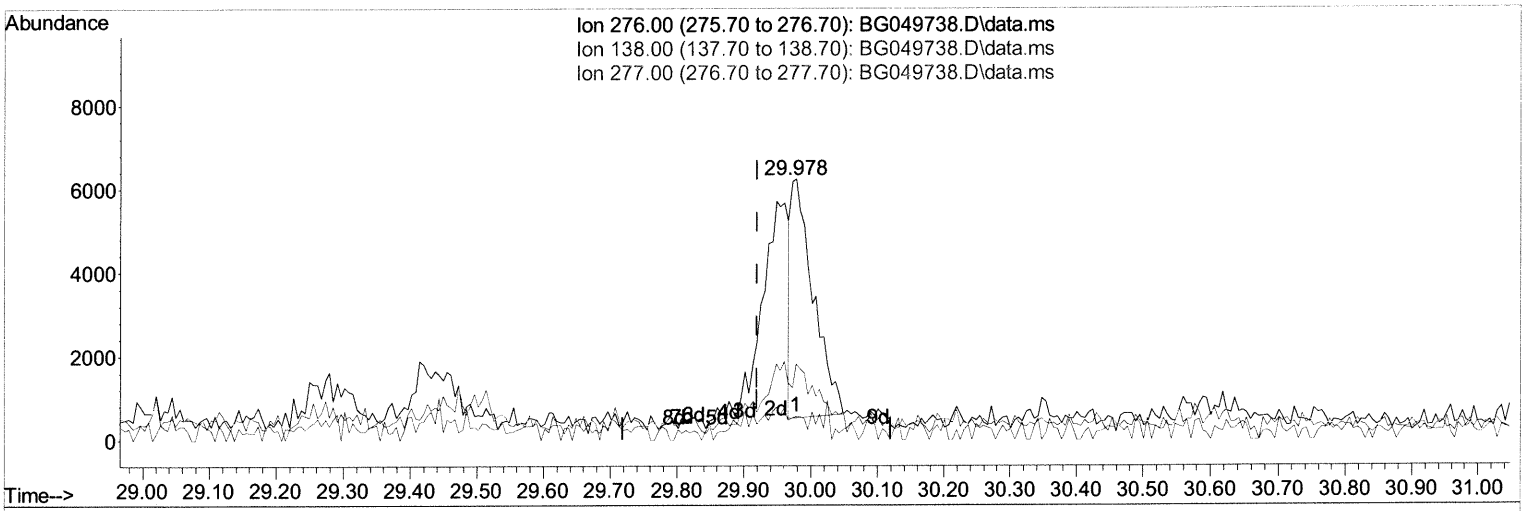

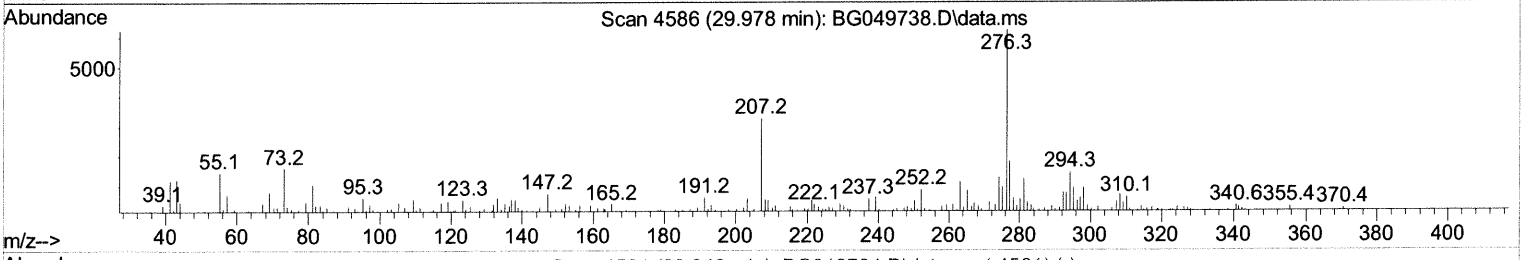

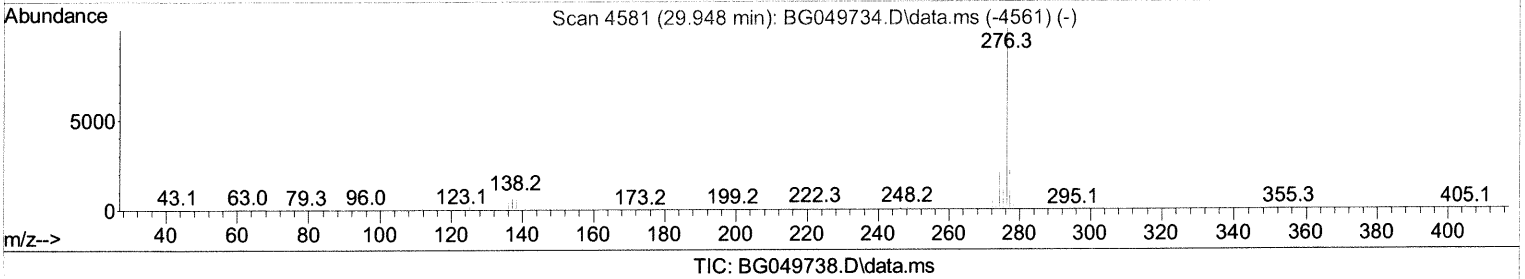

TIC: BG049738.D\data.ms

(96) Benzo(g,h,i)perylene

29.978min (+ 0.059) 1.57 ng/ul

response 13091

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	8.85
277.00	24.40	29.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
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Manual Integrations APPROVED
mohammad
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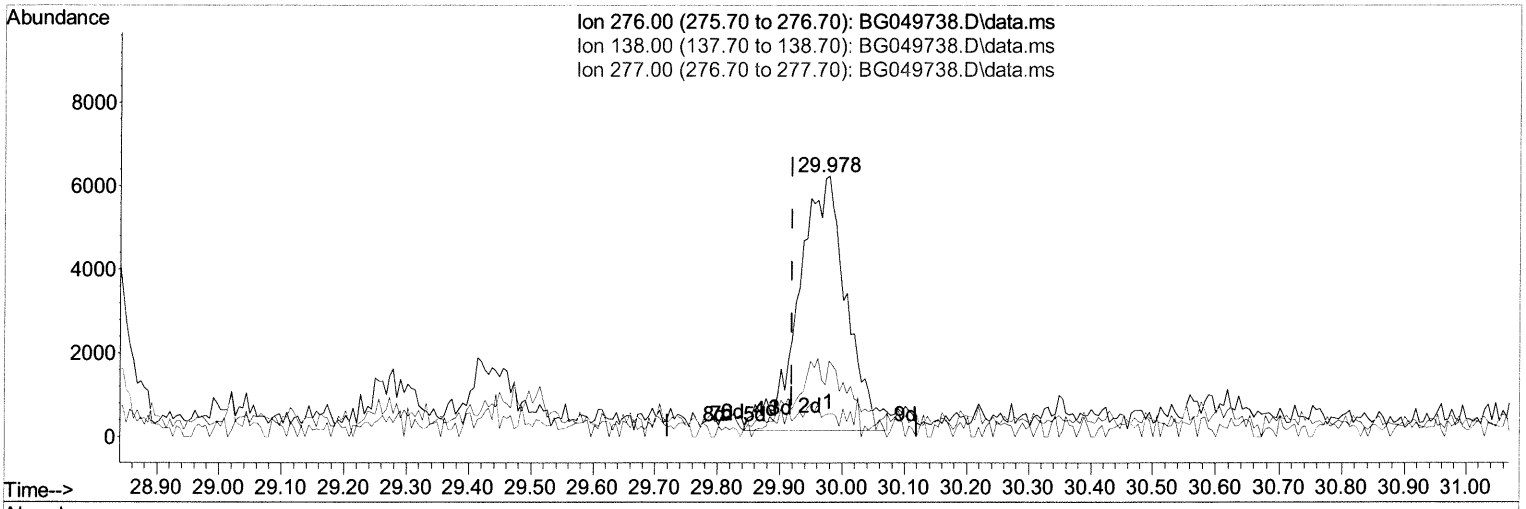

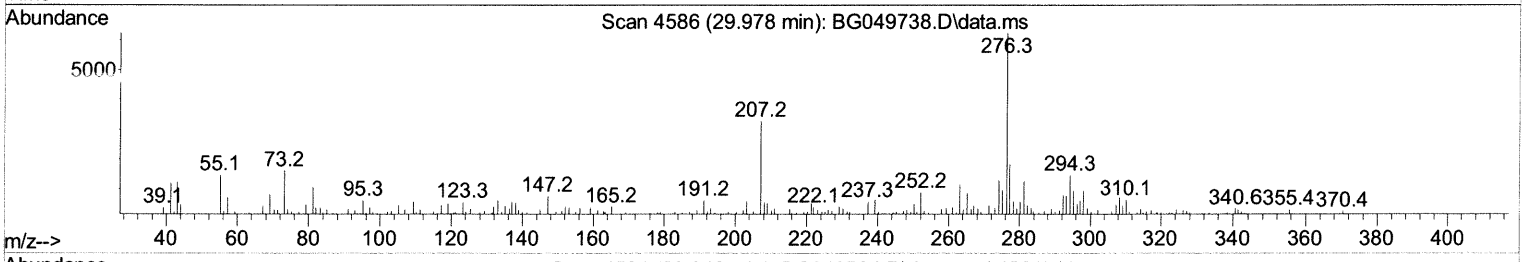

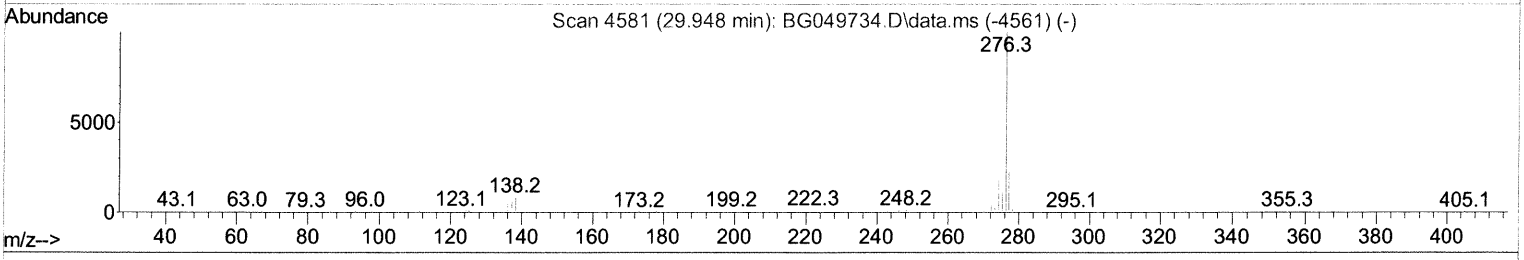

TIC: BG049738.D\data.ms

(96) Benzo(g,h,i)perylene

29.978min (+ 0.059) 3.92 ng/ul m 08/12/21 JC

response 32694

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	8.85
277.00	24.40	29.11
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
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Manual Integrations APPROVED
mohammad
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	28154	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	112274	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	68596	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	133492	20.000	ng/ul	0.00
79) Chrysene-d12	21.736	240	125782	20.000	ng/ul	0.01
88) Perylene-d12	25.026	264	132730	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	2641m	> 4.386	ng/ul	> 0.00 08/12/21 JU
4) Pyridine-d5	3.872	84	8777	4.857	ng/ul	0.02
7) Phenol-d5	7.203	99	110122	43.098	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	65025	44.304	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	85839	46.938	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	78799	40.447	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	44340	50.135	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	53063	52.537	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	89059	46.763	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	60728	23.293	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	264032	49.048	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	311233	48.597	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	36689	42.154	ng/ul	0.02
60) Fluorene-d10	15.691	176	221449	47.858	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	39325	43.769	ng/ul	0.00
73) Anthracene-d10	17.548	188	325529	51.660	ng/ul	0.00
81) Pyrene-d10	19.839	212	341421	49.265	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.797	264	361106	49.652	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.915	128	8113	1.384	ng/ul#	92
36) 2-Methylnaphthalene	12.519	142	8342	1.858	ng/ul	99
37) 1-Methylnaphthalene	12.742	142	7362	1.685	ng/ul#	90
72) Phenanthrene	17.495	178	85391	12.086	ng/ul	97
74) Anthracene	17.583	178	11380	1.610	ng/ul	93
77) Carbazole	17.853	167	11225	1.777	ng/ul#	90
80) Fluoranthene	19.504	202	131282	15.349	ng/ul#	98
82) Pyrene	19.868	202	106231	12.453	ng/ul#	98
85) Benzo(a)anthracene	21.718	228	68669	8.315	ng/ul#	94
87) Chrysene	21.783	228	93885	12.173	ng/ul#	95
90) Benzo(b)fluoranthene	23.974	252	97246	11.210	ng/ul	94
91) Benzo(k)fluoranthene	24.033	252	37370m	> 4.338	ng/ul	> 08/12/21 JU
93) Benzo(a)pyrene	24.867	252	63414	8.303	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.785	276	68826m	6.867	ng/ul	08/12/21 JU
95) Dibenzo(a,h)anthracene	28.809	278	29931m	3.580	ng/ul	
96) Benzo(g,h,i)perylene	29.978	276	32694m	3.923	ng/ul	

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