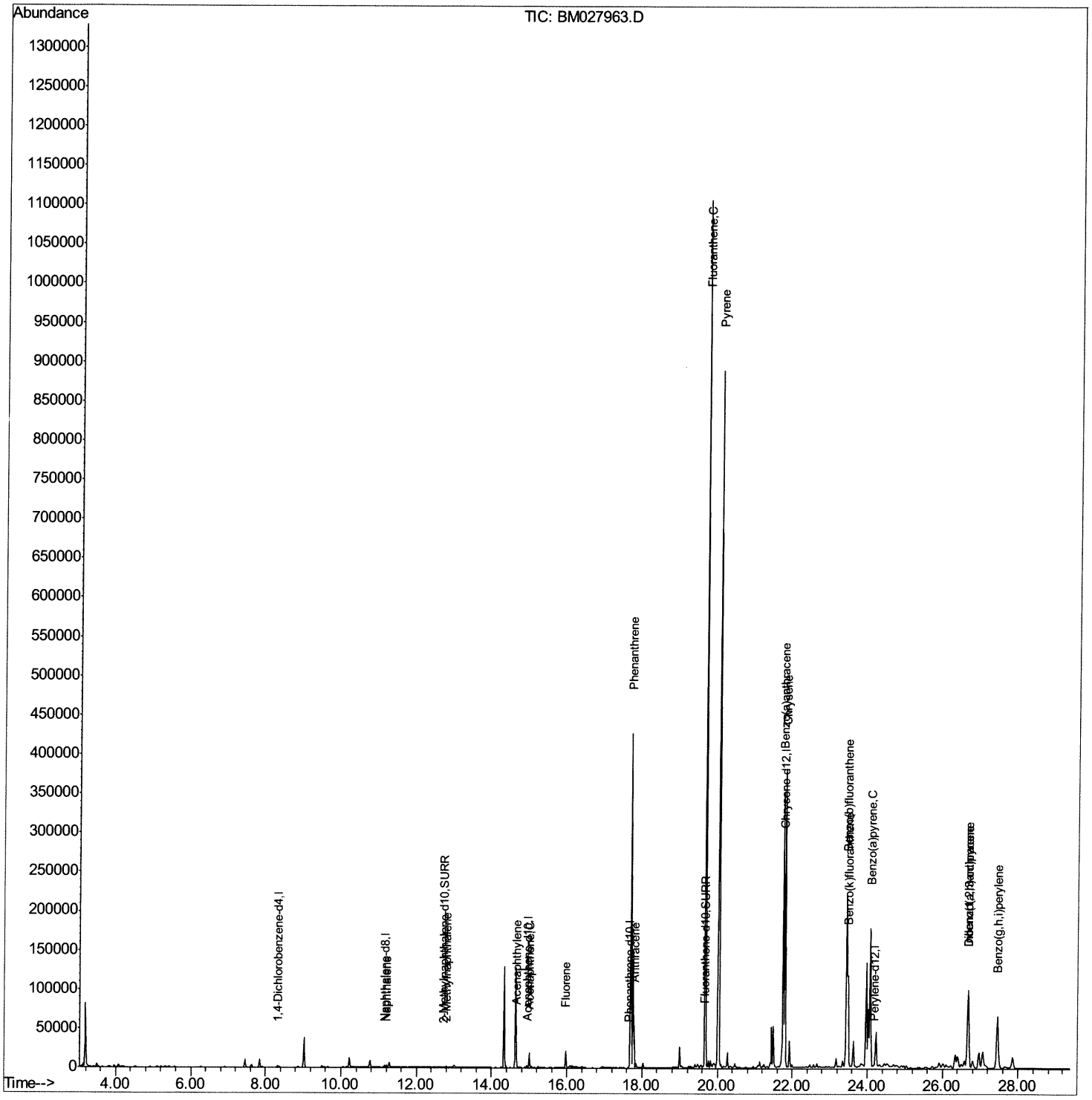
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027963.D
Acq On : 25 Nov 2020 14:46
Operator : JU/CG
Sample : L4751-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 25 15:26:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B90

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:27 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027963.D
Acq On : 25 Nov 2020 14:46
Operator : JU/CG
Sample : L4751-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 25 15:21:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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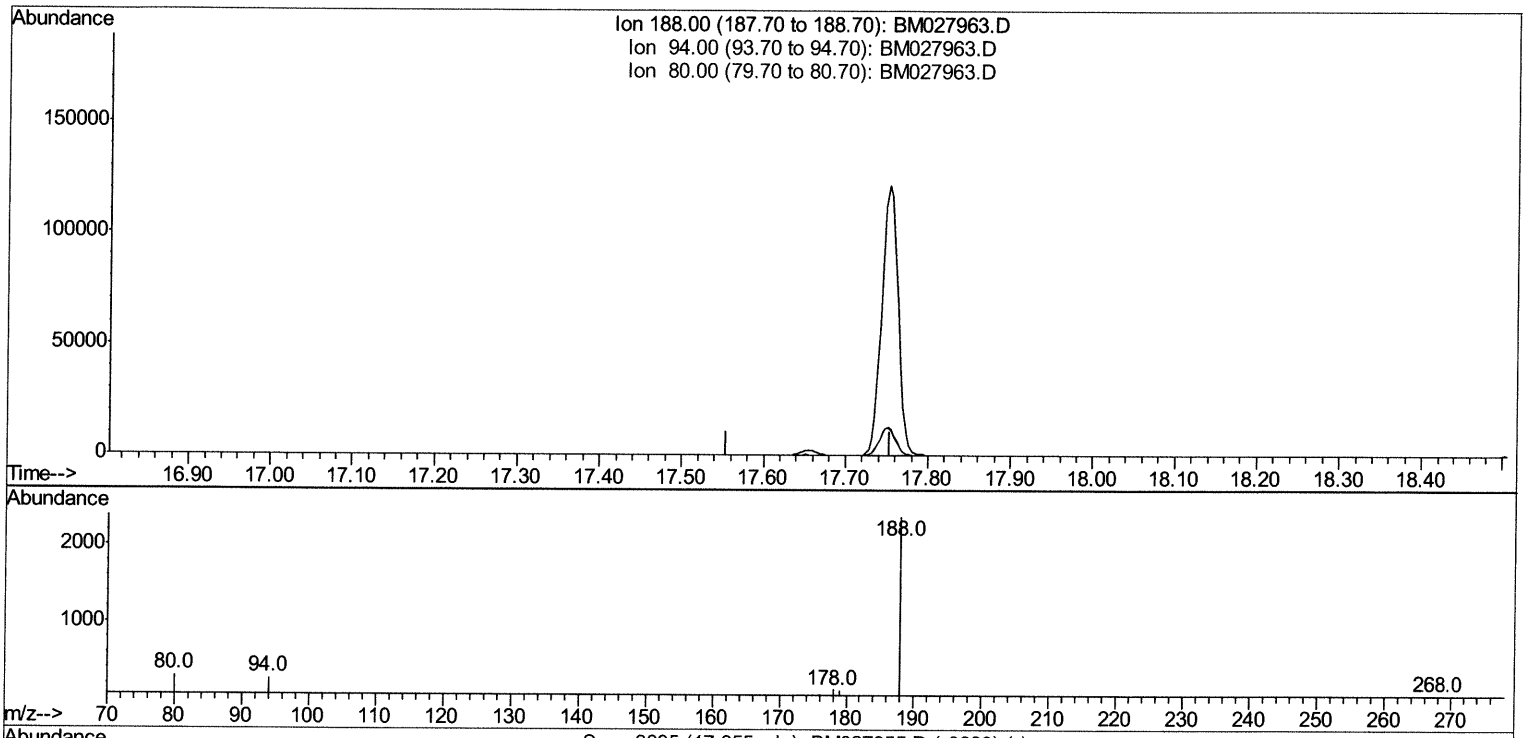
Manual Integrations APPROVED
mohammad
11/27/2020 11:43:27 AM



TIC: BM027963.D

(10) Phenanthrene-d10 (I)

17.655min (-17.655) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	9.30	0.00#
80.00	10.20	0.00#
0.00	0.00	0.00

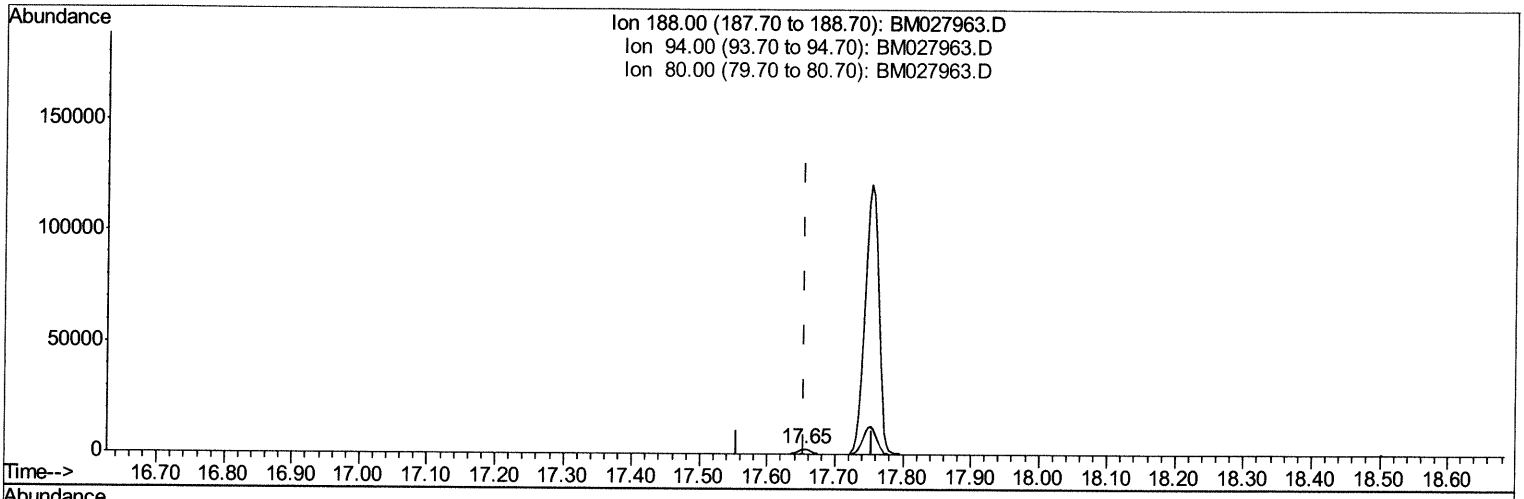
Quantitation Report (Qedit)

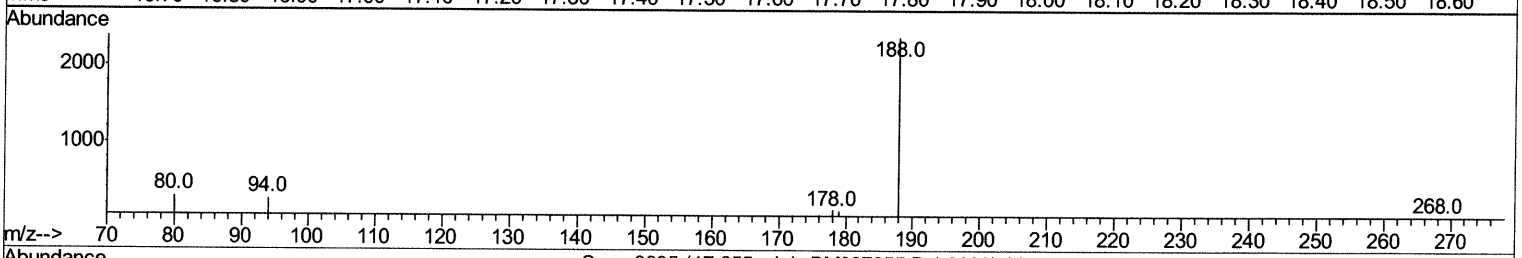
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027963.D
Acq On : 25 Nov 2020 14:46
Operator : JU/CG
Sample : L4751-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

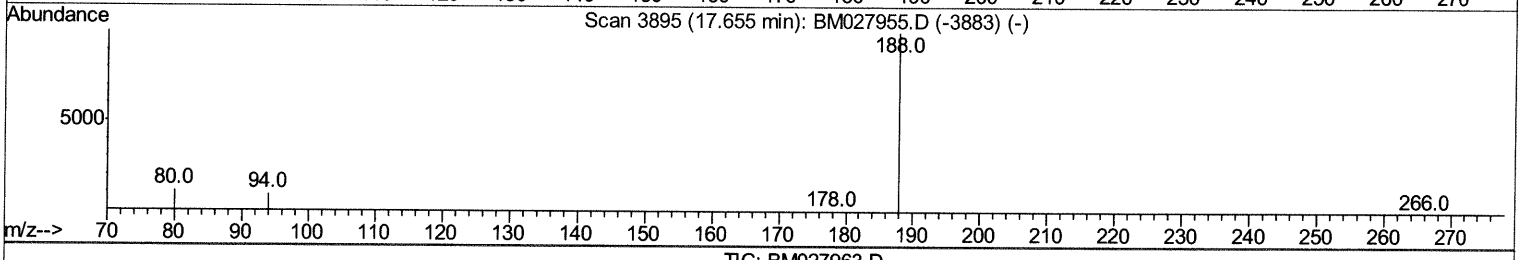
Quant Time: Nov 25 15:21:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B90

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:27 AM







TIC: BM027963.D

(10) Phenanthrene-d10 (I)

17.655min (-0.000) 0.40ng/ul m JU 11/30/20

response 3464

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	11.09
80.00	10.20	12.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027963.D
Acq On : 25 Nov 2020 14:46
Operator : JU/CG
Sample : L4751-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 25 15:24:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B90

Manual Integrations APPROVED
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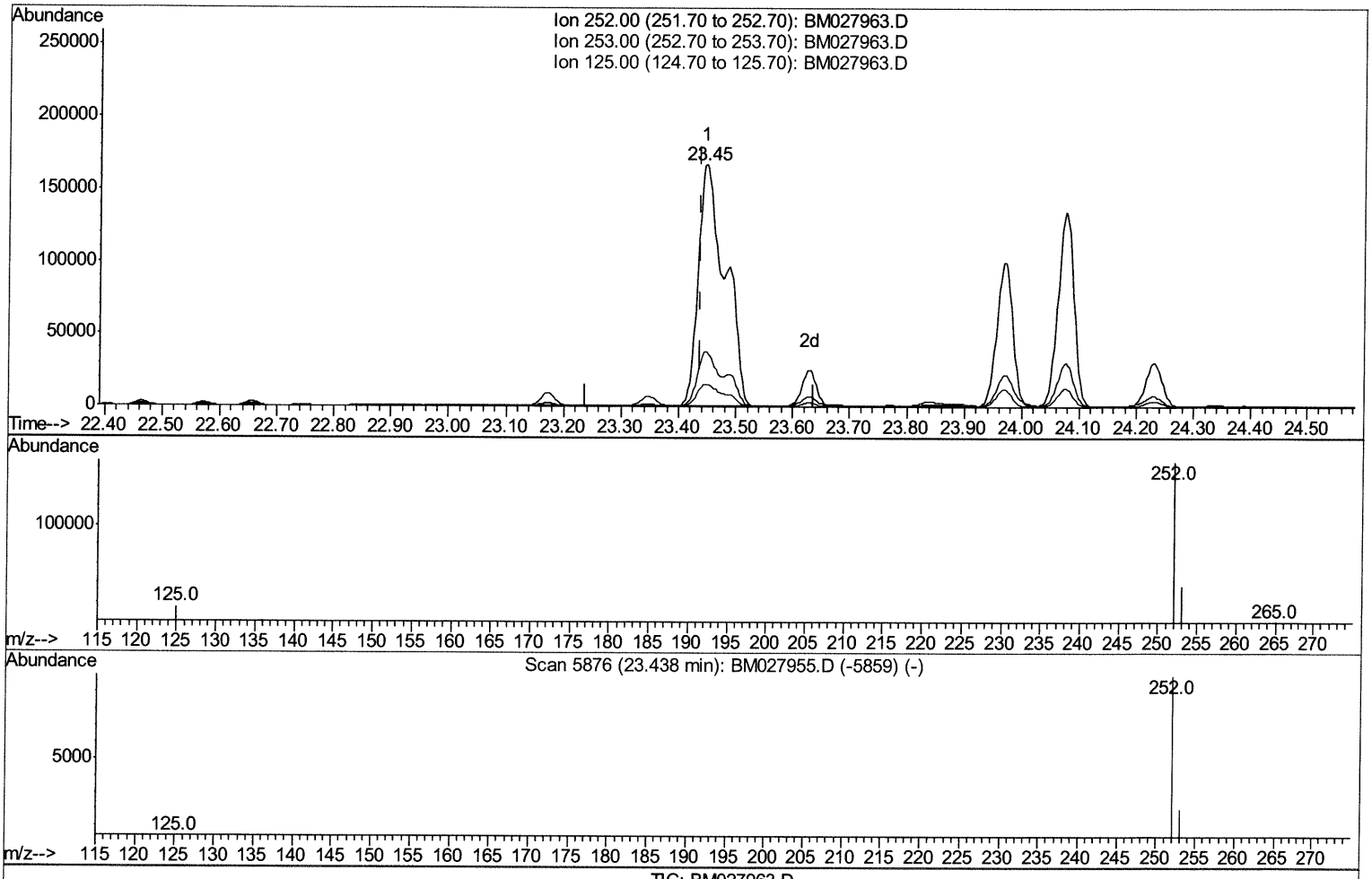
11/27/2020 11:43:27 AM



TIC: BM027963.D

(21) Benzo(b)fluoranthene

23.447min (+0.010) 54.98ng/ul

response 544424

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.66
125.00	14.20	9.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027963.D
Acq On : 25 Nov 2020 14:46
Operator : JU/CG
Sample : L4751-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 25 15:24:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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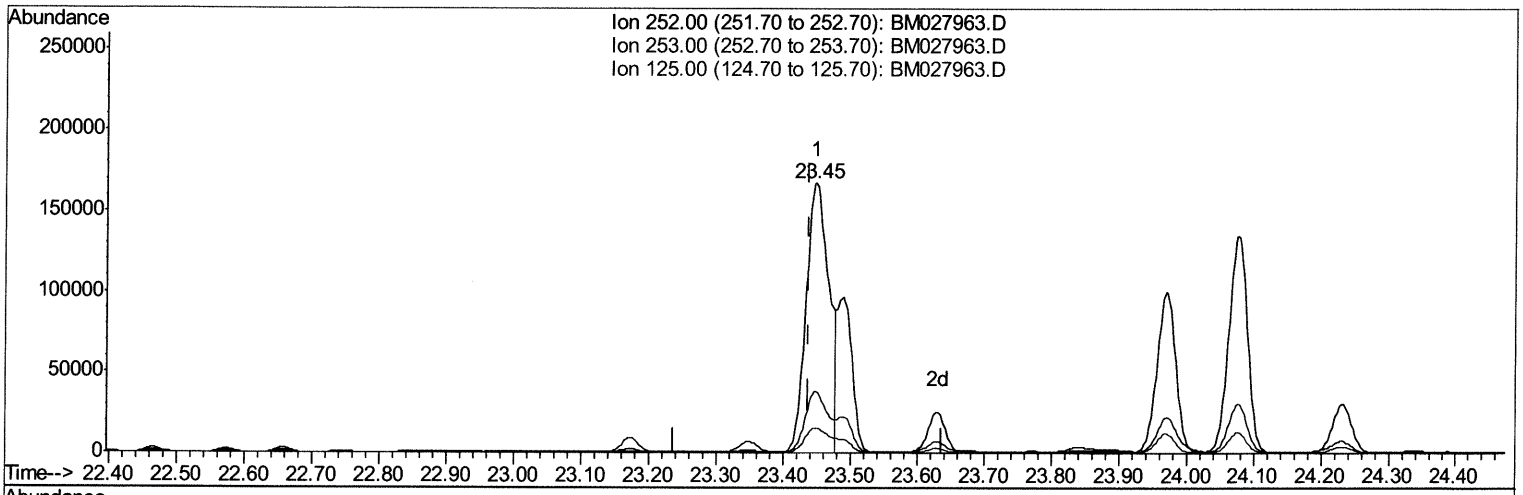
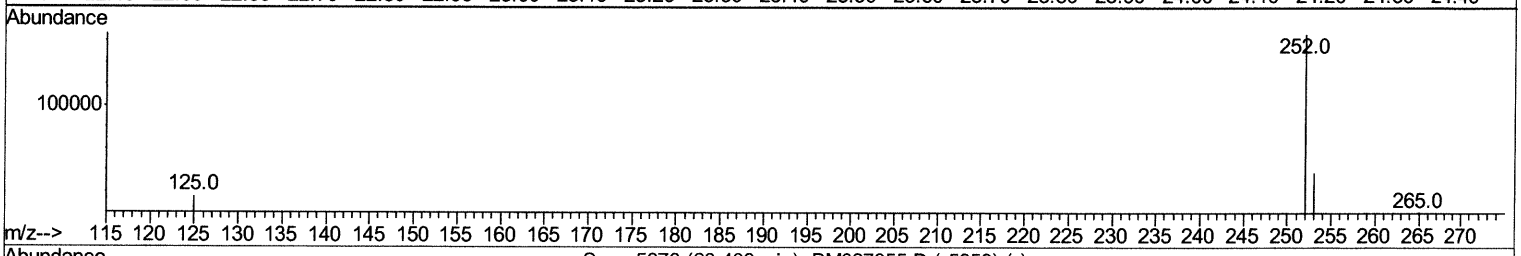
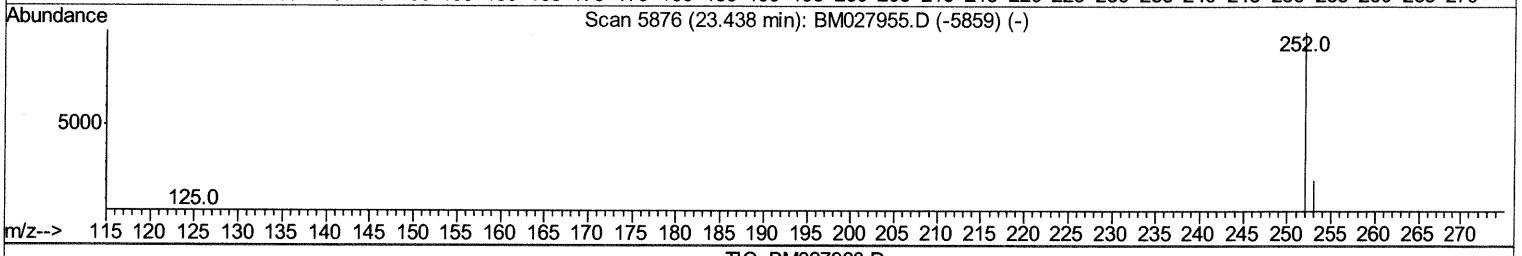
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B90

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:27 AM







TIC: BM027963.D

(21) Benzo(b)fluoranthene

23.447min (+0.010) 40.26ng/ul m JU 11/30/20

response 398593

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.66
125.00	14.20	9.27
0.00	0.00	0.00

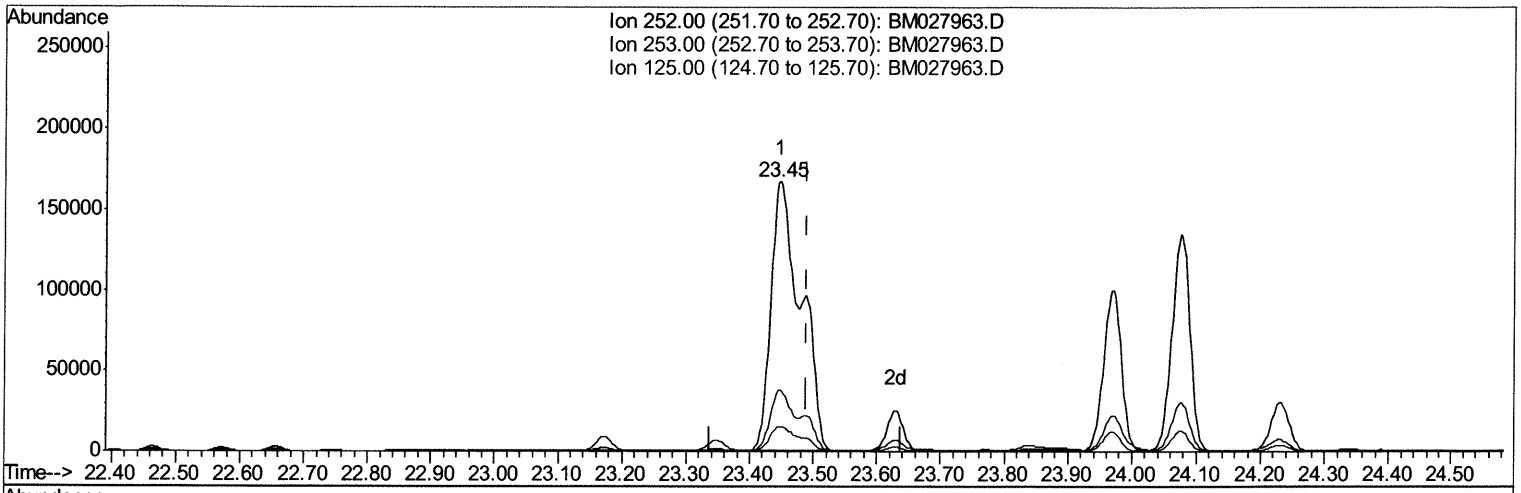
Quantitation Report (Qedit)

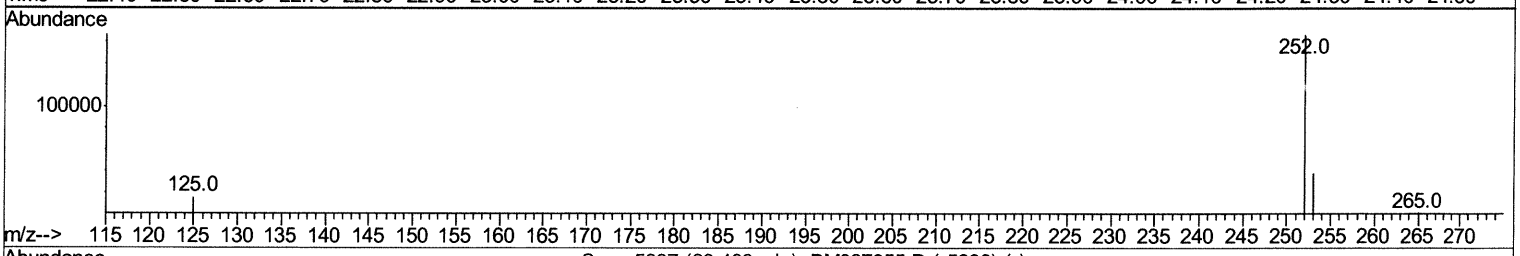
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027963.D
Acq On : 25 Nov 2020 14:46
Operator : JU/CG
Sample : L4751-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

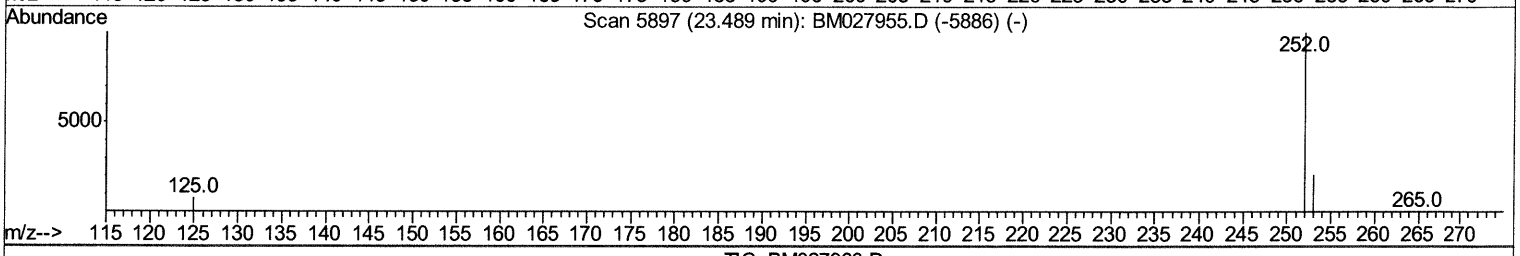
Quant Time: Nov 25 15:24:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B90

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:27 AM







TIC: BM027963.D

(22) Benzo(k)fluoranthene

23.447min (-0.041) 56.15ng/ul

response 544424

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	22.66#
125.00	14.70	9.27#
0.00	0.00	0.00

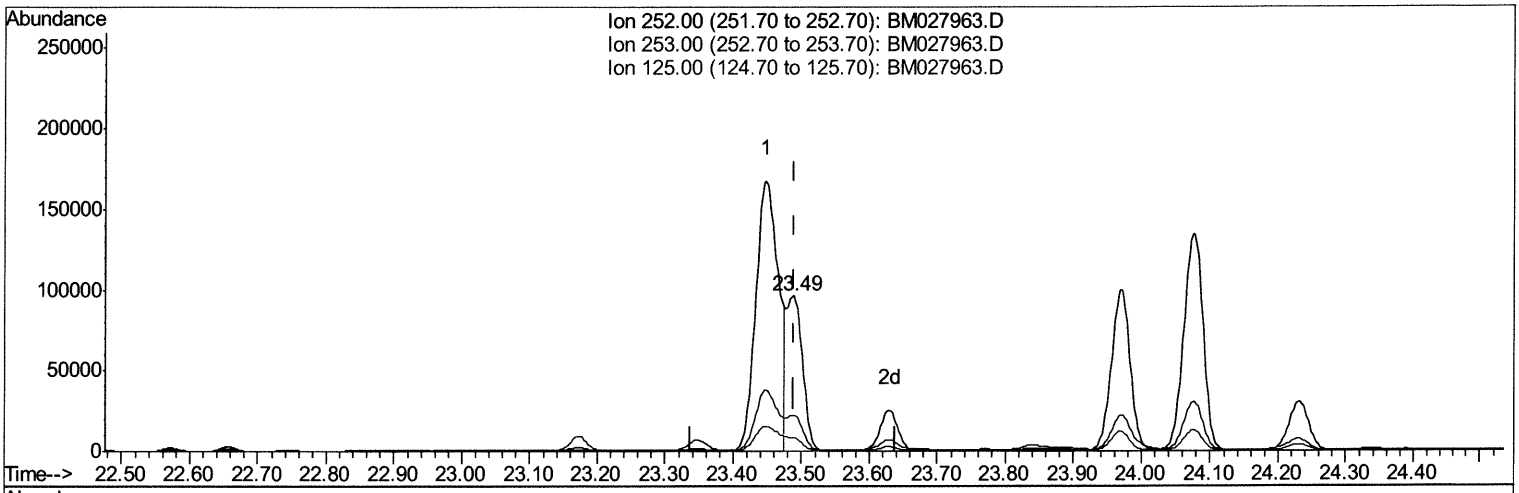
Quantitation Report (Qedit)

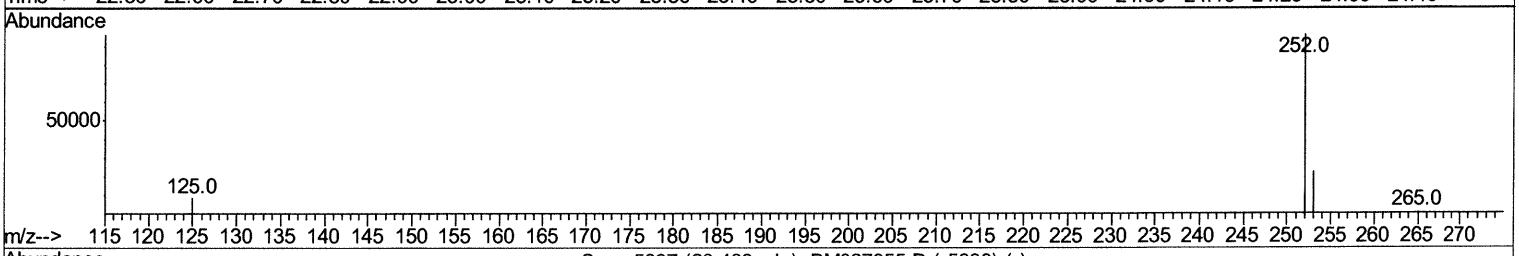
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027963.D
Acq On : 25 Nov 2020 14:46
Operator : JU/CG
Sample : L4751-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

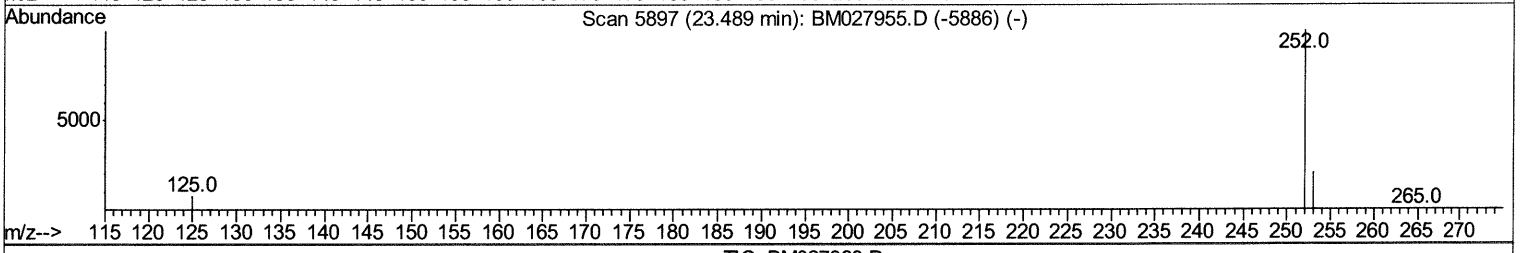
Quant Time: Nov 25 15:24:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B90

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:27 AM







TIC: BM027963.D

(22) Benzo(k)fluoranthene

23.489min (-0.000) 16.71ng/ul m JU 11/30/20

response 162045

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	23.23
125.00	14.70	8.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027963.D
Acq On : 25 Nov 2020 14:46
Operator : JU/CG
Sample : L4751-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 25 15:24:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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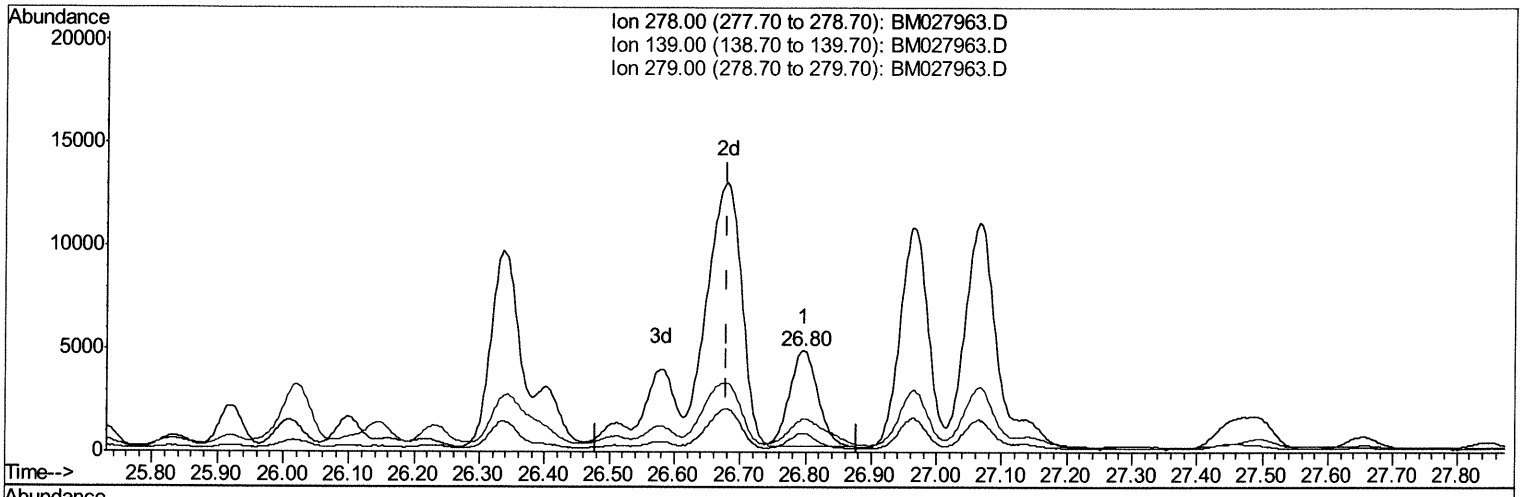
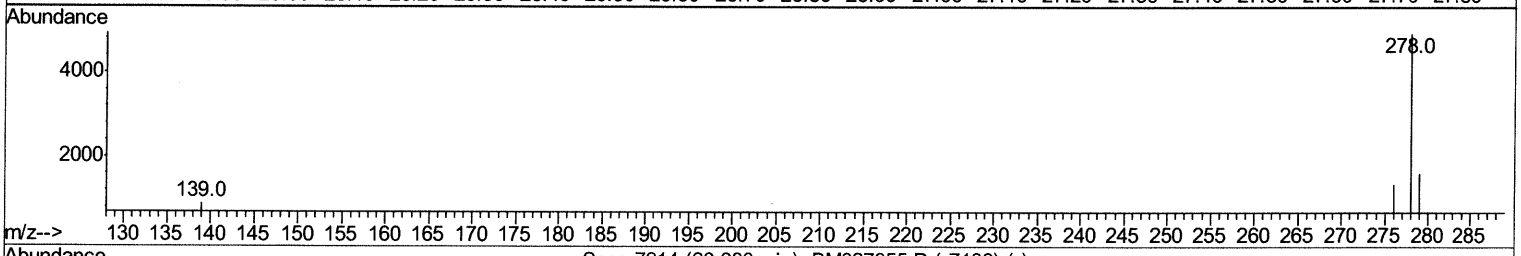
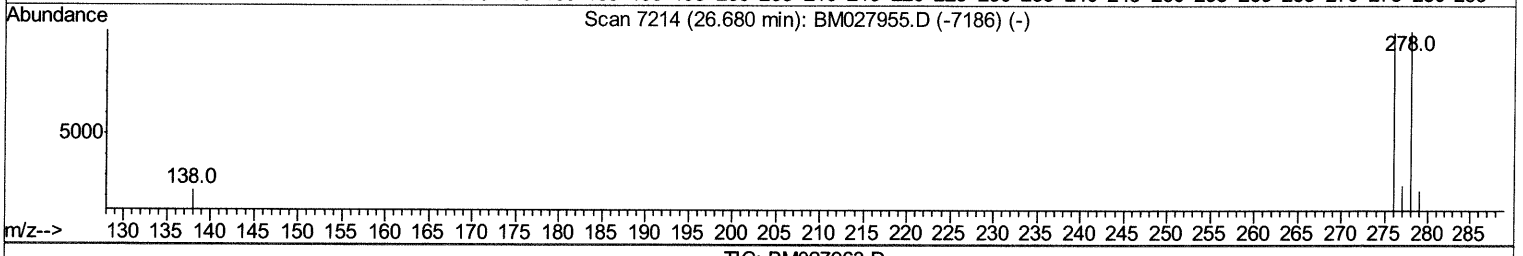
BNA_M
ClientSampleId :
C0B90

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:27 AM







TIC: BM027963.D

(25) Dibenzo(a,h)anthracene

26.796min (+0.116) 1.80ng/ul

response 14066

Ion	Exp%	Act%
278.00	100	100
139.00	18.50	18.23
279.00	32.20	32.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027963.D
Acq On : 25 Nov 2020 14:46
Operator : JU/CG
Sample : L4751-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 25 15:24:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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QLast Update : Wed Nov 25 10:43:32 2020
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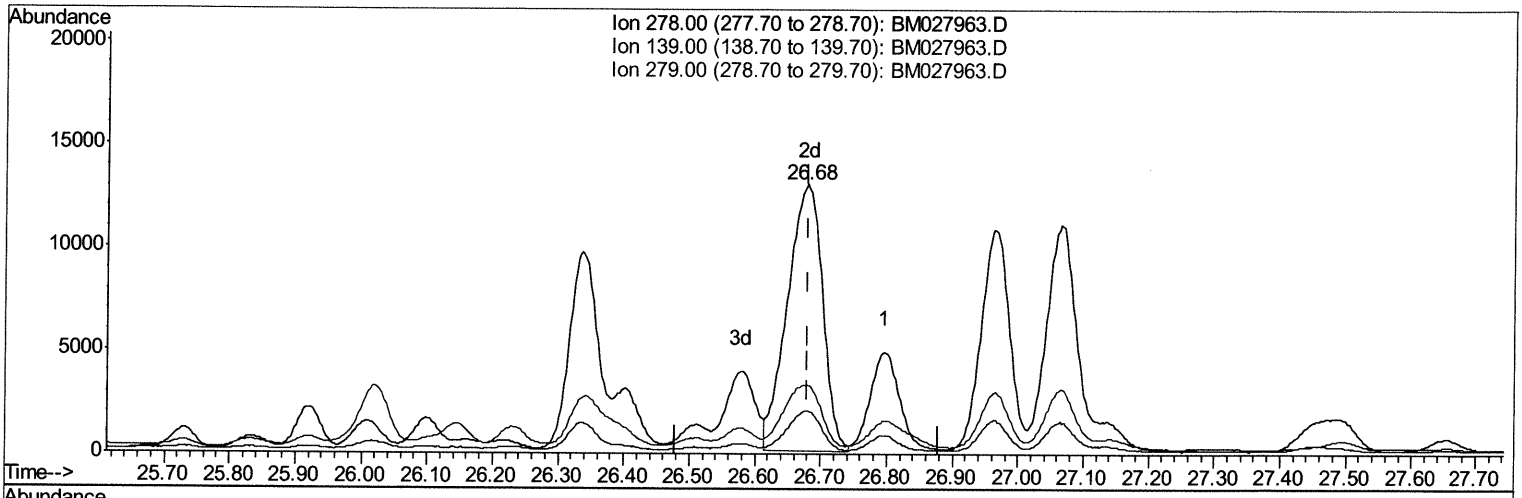
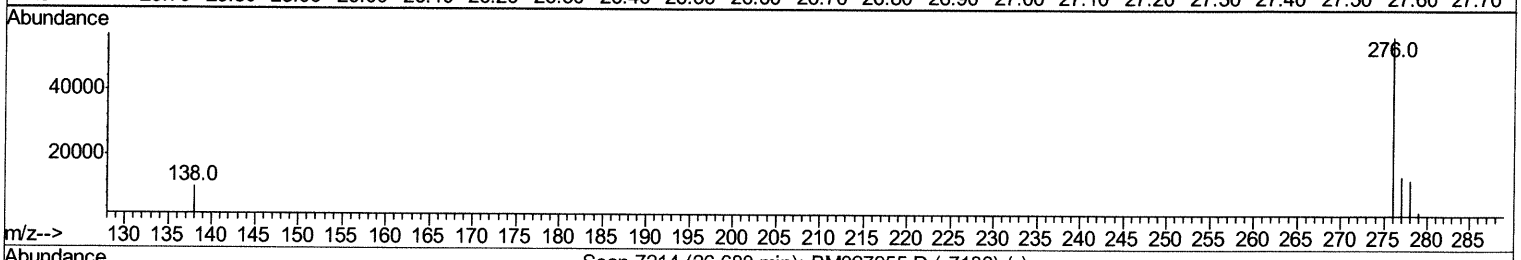
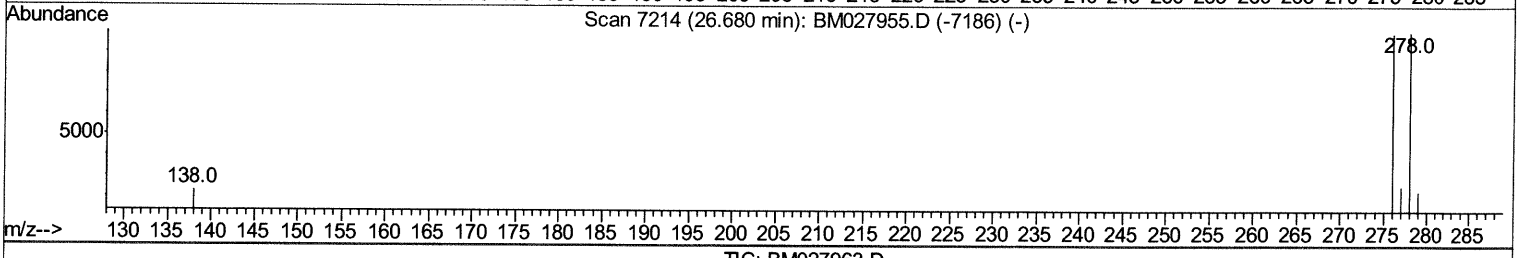
Instrument :
BNA_M
ClientSampleId :
C0B90

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:27 AM







TIC: BM027963.D

(25) Dibenzo(a,h)anthracene

26.679min (-0.000) 6.14ng/ul m JU 11/30/20

response 47928

Ion	Exp%	Act%
278.00	100	100
139.00	18.50	15.88
279.00	32.20	25.62#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112520\
Data File : BM027963.D
Acq On : 25 Nov 2020 14:46
Operator : JU/CG
Sample : L4751-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B90

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:27 AM

Quant Time: Nov 25 15:26:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	753	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3056	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1839	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	3464m>	0.40	ng/ul>	0.00
16) Chrysene-d12	21.76	240	2133	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2356	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	941	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1620	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.21	128	3253	0.355	ng/ul	99
5) 2-Methylnaphthalene	12.79	142	1489	0.239	ng/ul	99
7) Acenaphthylene	14.66	152	12076	1.346	ng/ul	97
8) Acenaphthene	15.00	153	10498	1.561	ng/ul	100
9) Fluorene	15.97	166	13094	1.679	ng/ul	100
12) Phenanthrene	17.70	178	448750	41.010	ng/ul	97
13) Anthracene	17.79	178	54111	5.127	ng/ul	98
15) Fluoranthene	19.68	202	916399	75.530	ng/ul	99
17) Pyrene	20.04	202	734964	67.846	ng/ul	98
18) Benzo(a)anthracene	21.74	228	312768	36.343	ng/ul	100
19) Chrysene	21.80	228	368332	43.940	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	398593m	40.256	ng/ul	99
22) Benzo(k)fluoranthene	23.49	252	162045m	16.712	ng/ul	
23) Benzo(a)pyrene	24.07	252	261265	30.179	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.68	276	173597	18.521	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.68	278	47928m>	6.141	ng/ul>	
26) Benzo(g,h,i)perylene	27.45	276	149821	19.051	ng/ul	93

JU 11/30/20

JU 11/30/20

JU 11/30/20

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