

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031529.D
Acq On : 06 Aug 2021 23:26
Operator : CG/JU
Sample : M3124-20
Misc :
ALS Vial : 55 Sample Multiplier: 1

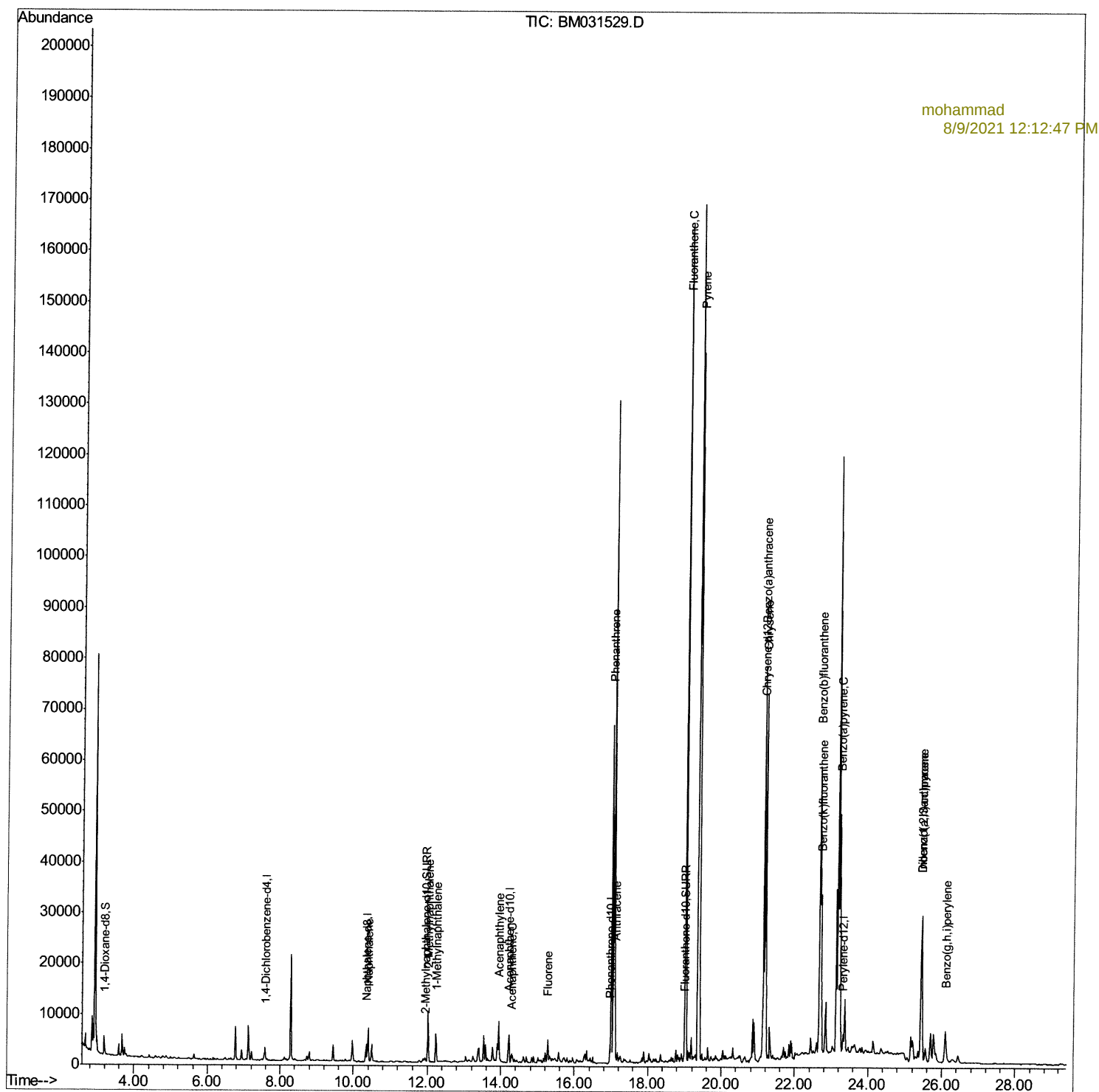
Instrument :
BNA_M
ClientSampleId :
C00A0

Manual Integrations
APPROVED

mohammad
8/9/2021 12:12:47 PM

8/9/2021 12:12:47 PM

Quant Time: Aug 07 04:11:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration



mohammad
8/9/2021 12:12:47 PM

Quantitation Report (Qedit)

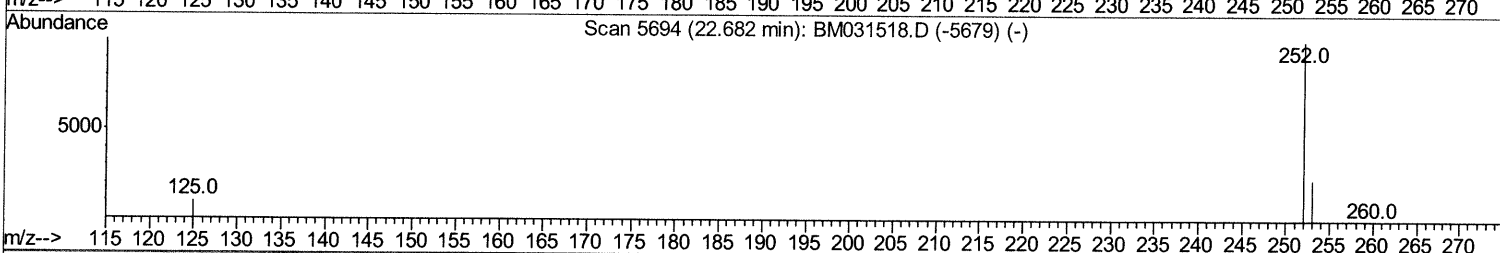
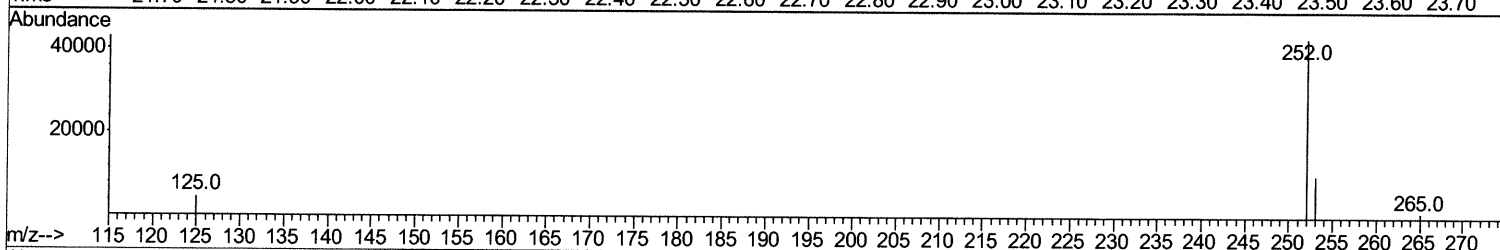
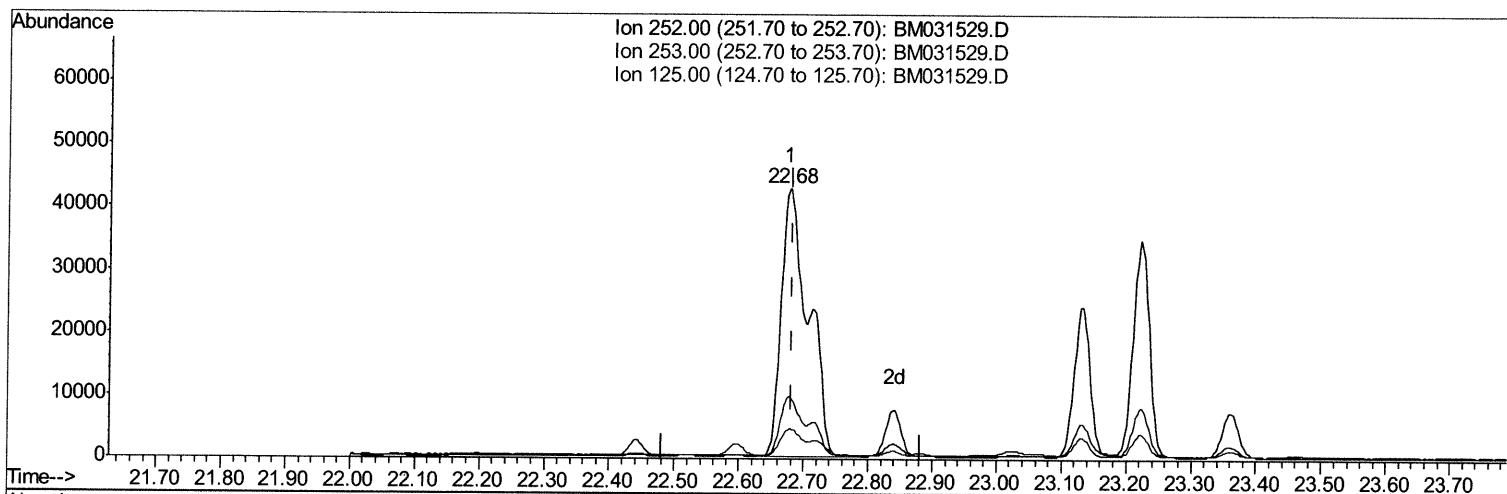
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
 Data File : BM031529.D
 Acq On : 06 Aug 2021 23:26
 Operator : CG/JU
 Sample : M3124-20
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A0

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:12:47 PM

Quant Time: Aug 07 03:37:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration



TIC: BM031529.D

(24) Benzo(b)fluoranthene

22.677min (-0.005) 6.58ng/ul

response 124457

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.37
125.00	11.40	10.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
 Data File : BM031529.D
 Acq On : 06 Aug 2021 23:26
 Operator : CG/JU
 Sample : M3124-20
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

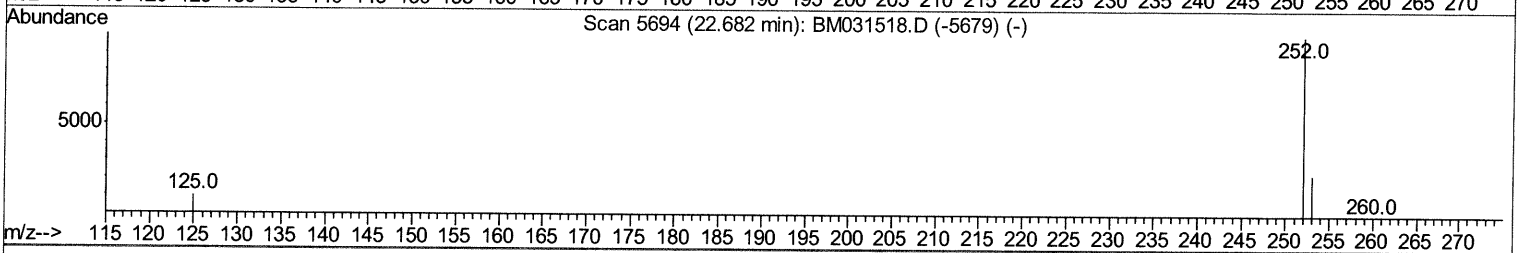
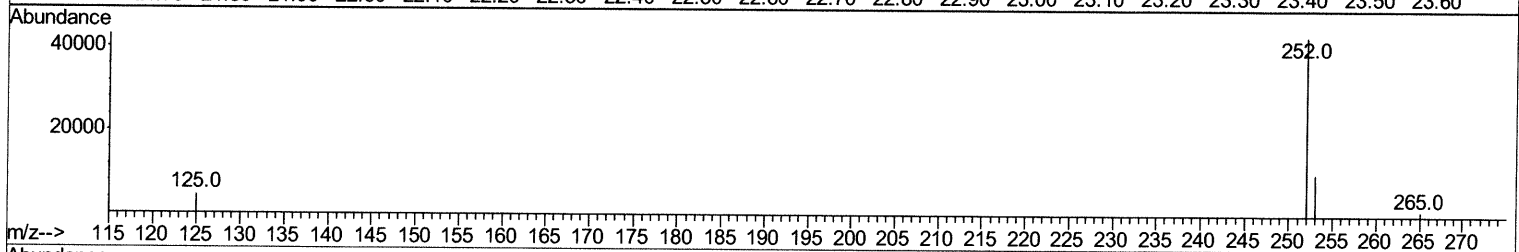
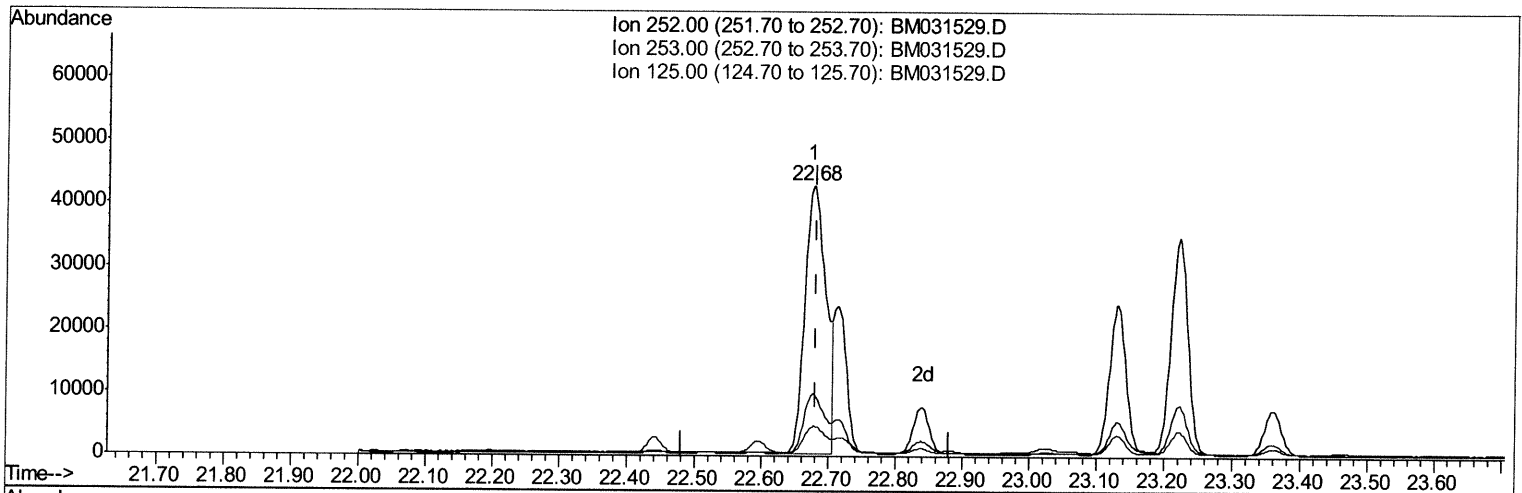
Instrument :
 BNA_M
ClientSampleId :
 C00A0

Manual Integrations
APPROVED

mohammad
 8/9/2021 12:12:47 PM

8/9/2021 12:12:47 PM

Quant Time: Aug 07 03:37:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration



TIC: BM031529.D

(24) Benzo(b)fluoranthene

22.677min (-0.005) 4.90ng/ul m

response 92688

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.37
125.00	11.40	10.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
 Data File : BM031529.D
 Acq On : 06 Aug 2021 23:26
 Operator : CG/JU
 Sample : M3124-20
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

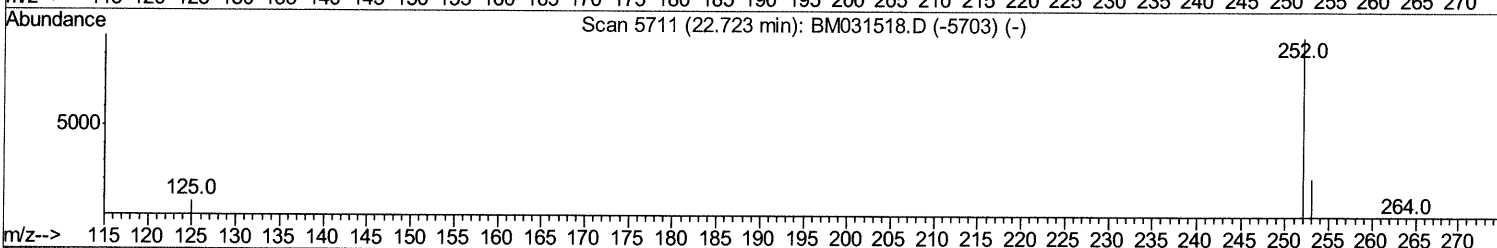
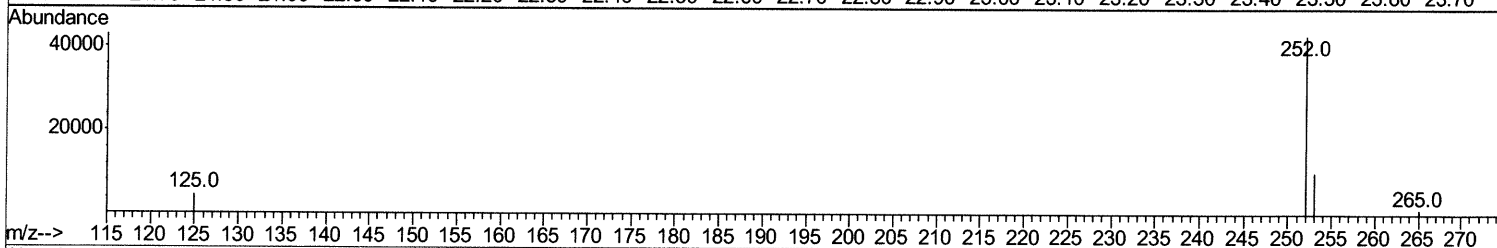
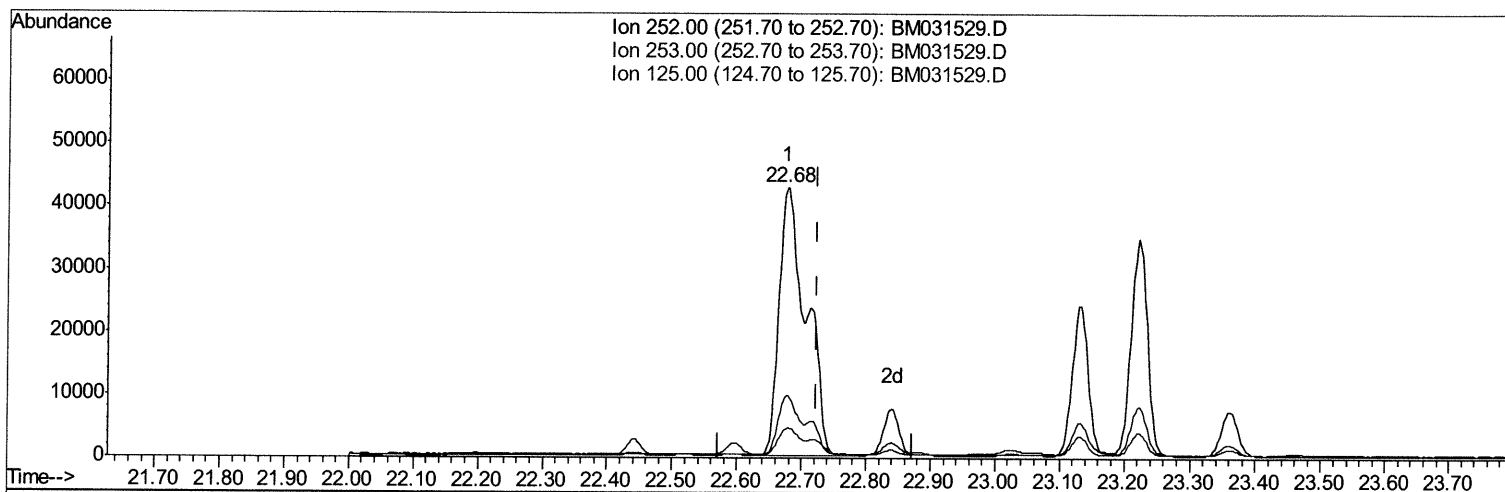
Instrument :
 BNA_M
 ClientSampleId :
 C00A0

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:12:47 PM

8/9/2021 12:12:47 PM

Quant Time: Aug 07 03:37:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration



TIC: BM031529.D

(25) Benzo(k)fluoranthene
 22.677min (-0.046) 6.37ng/ul
 response 124457

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.37
125.00	11.00	10.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
 Data File : BM031529.D
 Acq On : 06 Aug 2021 23:26
 Operator : CG/JU
 Sample : M3124-20
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

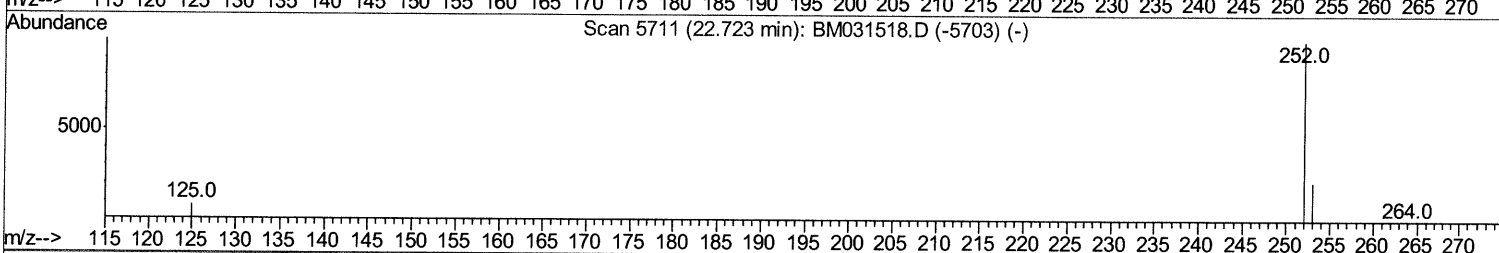
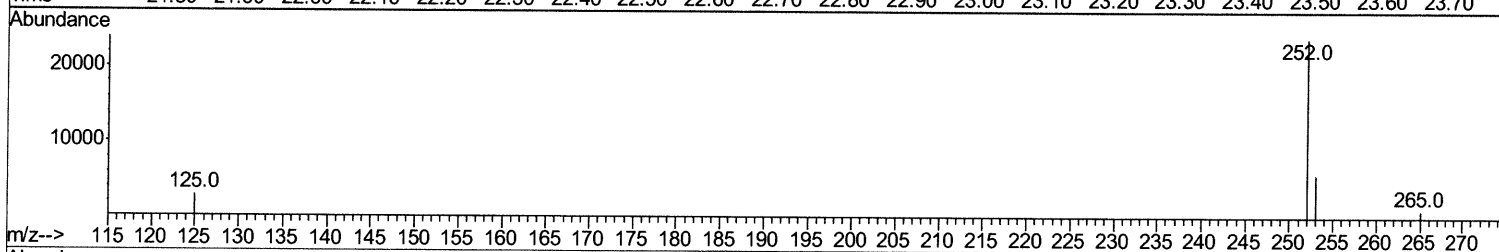
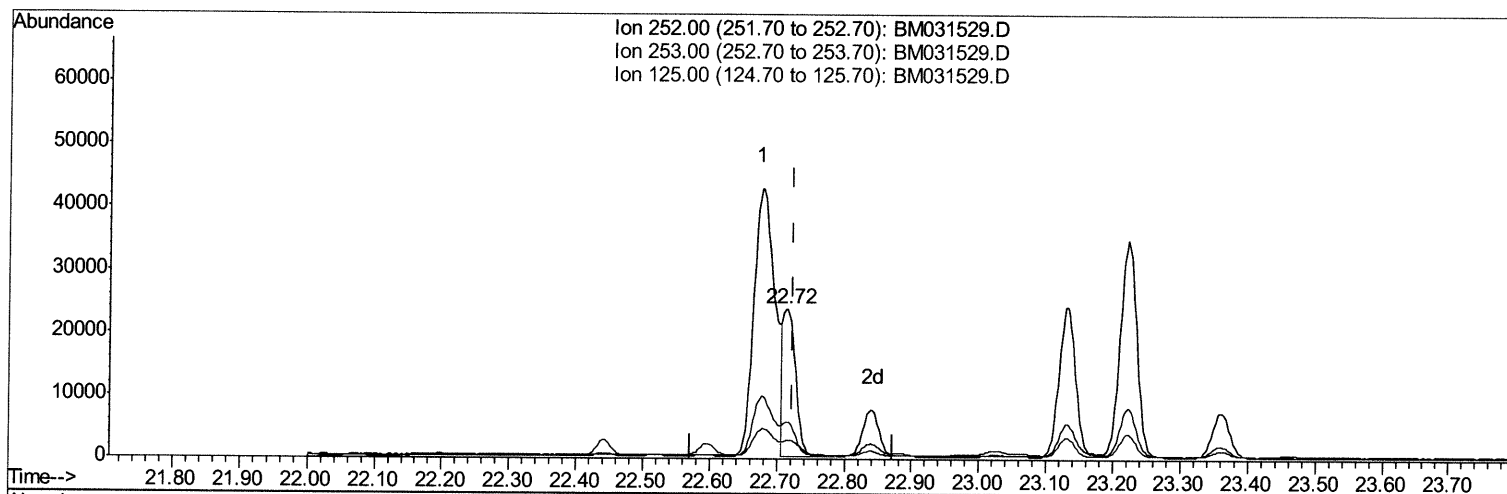
Instrument :
 BNA_M
 ClientSampleId :
 C00A0

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:12:47 PM

8/9/2021 12:12:47 PM

Quant Time: Aug 07 03:37:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration



TIC: BM031529.D

(25) Benzo(k)fluoranthene

22.715min (-0.007) 1.61ng/ul m

response 31446

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.41
125.00	11.00	12.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
 Data File : BM031529.D
 Acq On : 06 Aug 2021 23:26
 Operator : CG/JU
 Sample : M3124-20
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

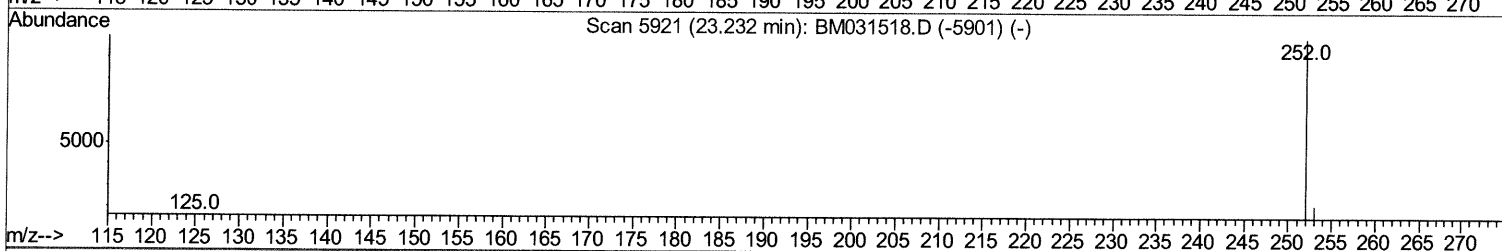
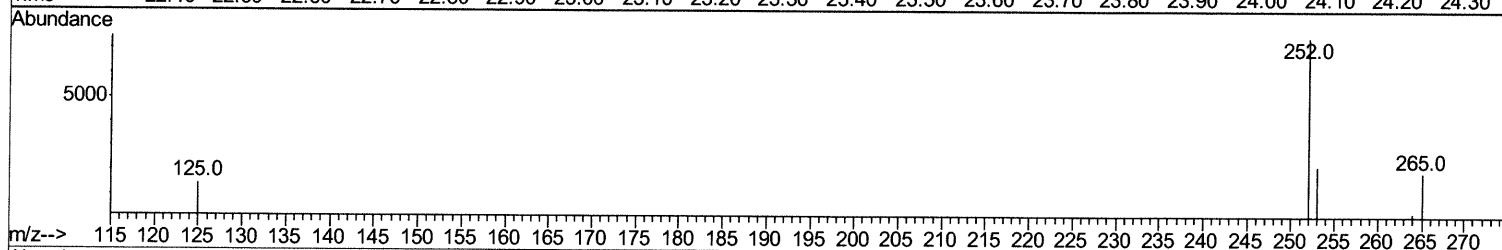
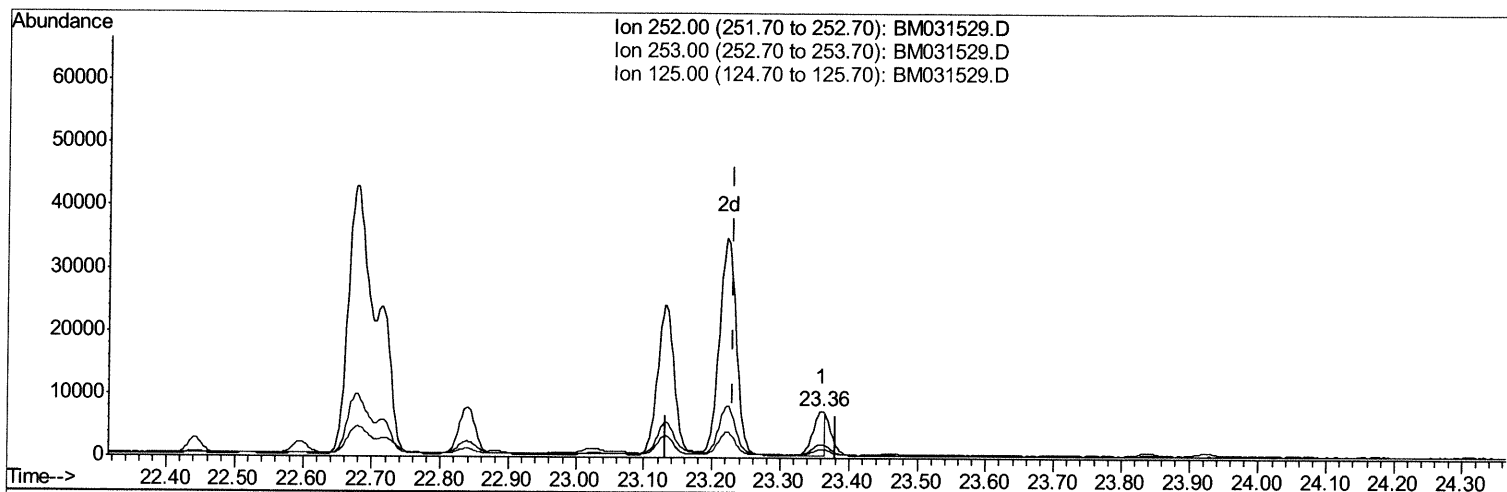
Instrument :
 BNA_M
ClientSampleId :
 C00A0

Manual Integrations
APPROVED

mohammad
 8/9/2021 12:12:47 PM

8/9/2021 12:12:47 PM

Quant Time: Aug 07 03:37:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration



TIC: BM031529.D

(26) Benzo(a)pyrene (C)

23.360min (+0.128) 0.51ng/ul

response 8458

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	29.36
125.00	16.20	19.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
 Data File : BM031529.D
 Acq On : 06 Aug 2021 23:26
 Operator : CG/JU
 Sample : M3124-20
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

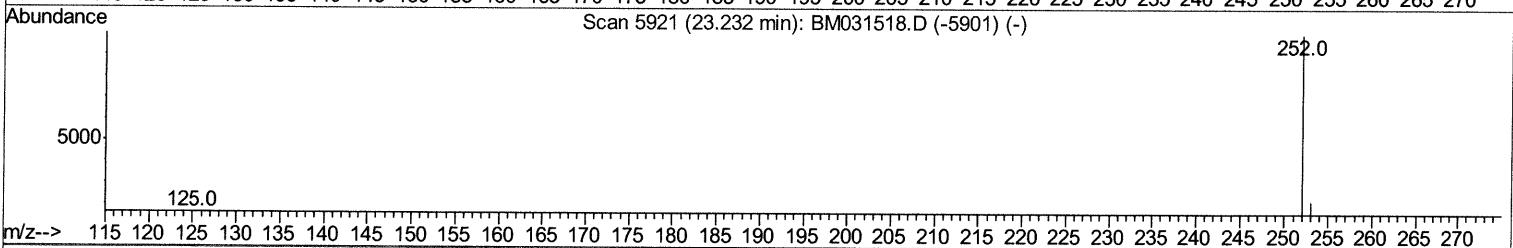
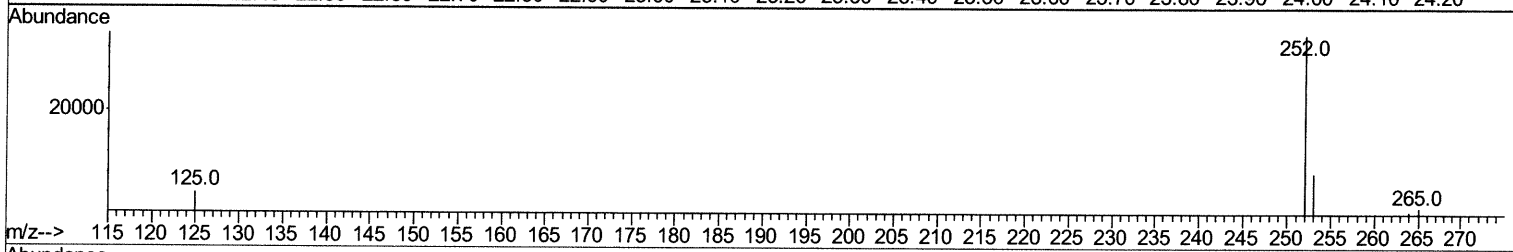
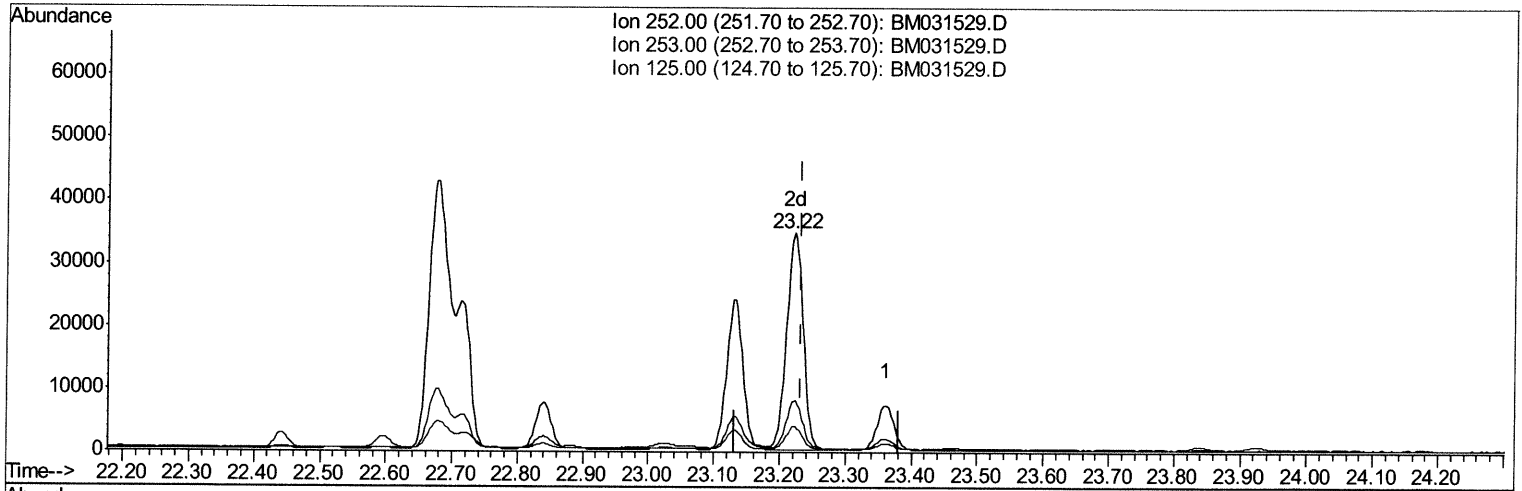
Instrument :
 BNA_M
ClientSampleId :
 C00A0

Manual Integrations
APPROVED

mohammad
 8/9/2021 12:12:47 PM

8/9/2021 12:12:47 PM

Quant Time: Aug 07 03:37:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration



TIC: BM031529.D

(26) Benzo(a)pyrene (C)

23.222min (-0.010) 3.65ng/ul m

response 60518

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.50
125.00	16.20	11.86#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
 Data File : BM031529.D
 Acq On : 06 Aug 2021 23:26
 Operator : CG/JU
 Sample : M3124-20
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A0

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:12:47 PM

8/9/2021 12:12:47 PM

Quant Time: Aug 07 04:11:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1227	0.40	ng/ul	0.00
4) Naphthalene-d8	10.35	136	4539	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	2687	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	4975	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4197	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4199	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.19	96	2303	1.69	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.94	152	1217	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	2599	0.19	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.40	128	8931	0.661	ng/ul	98
7) 2-Methylnaphthalene	12.01	142	7044	0.763	ng/ul	99
8) 1-Methylnaphthalene	12.24	142	3902	0.428	ng/ul	99
10) Acenaphthylene	13.94	152	10308	0.901	ng/ul	99
11) Acenaphthene	14.28	153	1302	0.135	ng/ul	95
12) Fluorene	15.27	166	2831	0.255	ng/ul#	90
15) Phenanthrene	17.01	178	69491	4.399	ng/ul	97
16) Anthracene	17.10	178	14951	1.011	ng/ul	100
19) Fluoranthene	19.03	202	140743	7.853	ng/ul	99
20) Pyrene	19.39	202	117578	6.468	ng/ul	98
21) Benzo(a)anthracene	21.14	228	65103	3.841	ng/ul	96
22) Chrysene	21.19	228	70031	3.994	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	92688m	4.899	ng/ul	} Ju 8/11/21
25) Benzo(k)fluoranthene	22.72	252	31446m	1.609	ng/ul	
26) Benzo(a)pyrene	23.22	252	60518m	3.653	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.45	276	43132	2.014	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.46	278	11181	0.648	ng/ul	93
29) Benzo(a,h,i)perylene	26.10	276	12510	0.685	ng/ul	96

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