

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026986.D
Acq On : 03 Aug 2020 19:50
Operator : JU/CG
Sample : L3424-05DL 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 04 04:31:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

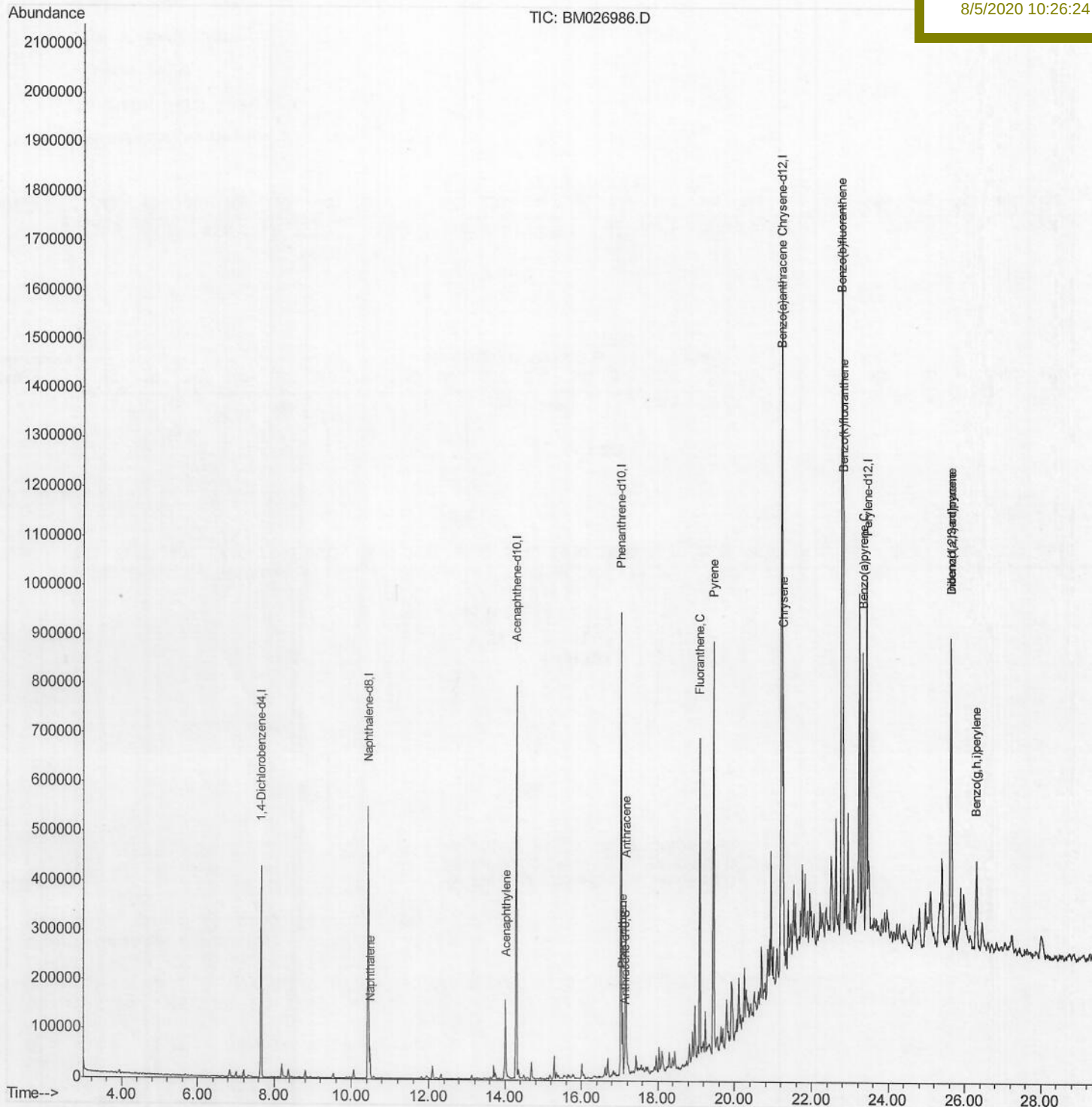
C0S80DL

Manual Integrations

APPROVED

mohammad

8/5/2020 10:26:24 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\

Data File : BM026986.D

Acq On : 03 Aug 2020 19:50

Operator : JU/CG

Sample : L3424-05DL 25X

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 04 02:36:55 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M

Quant Title : SVOA CALIBRATION

Qlast Update : Mon Aug 03 10:21:18 2020

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

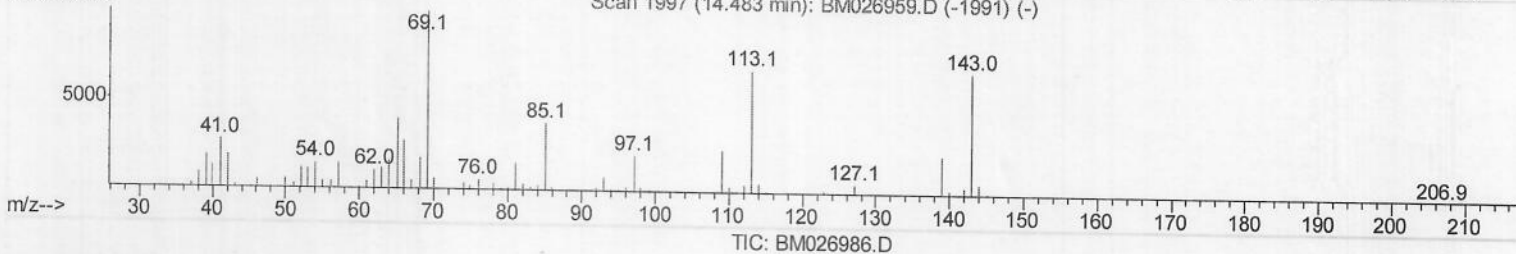
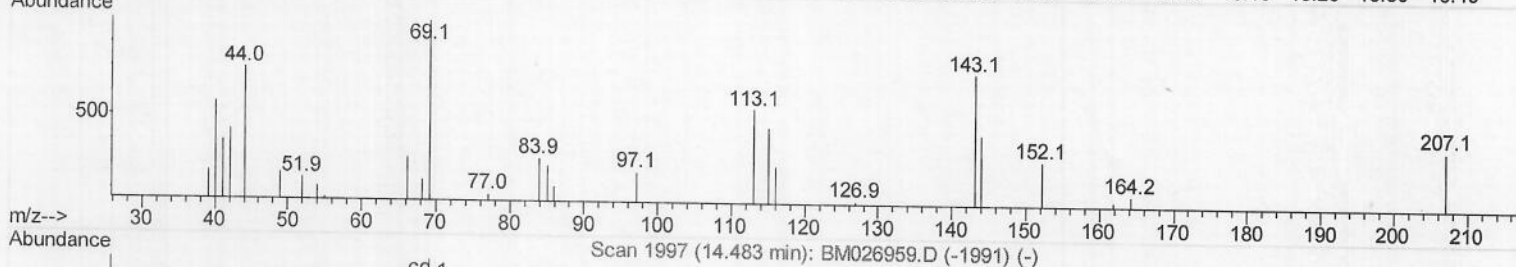
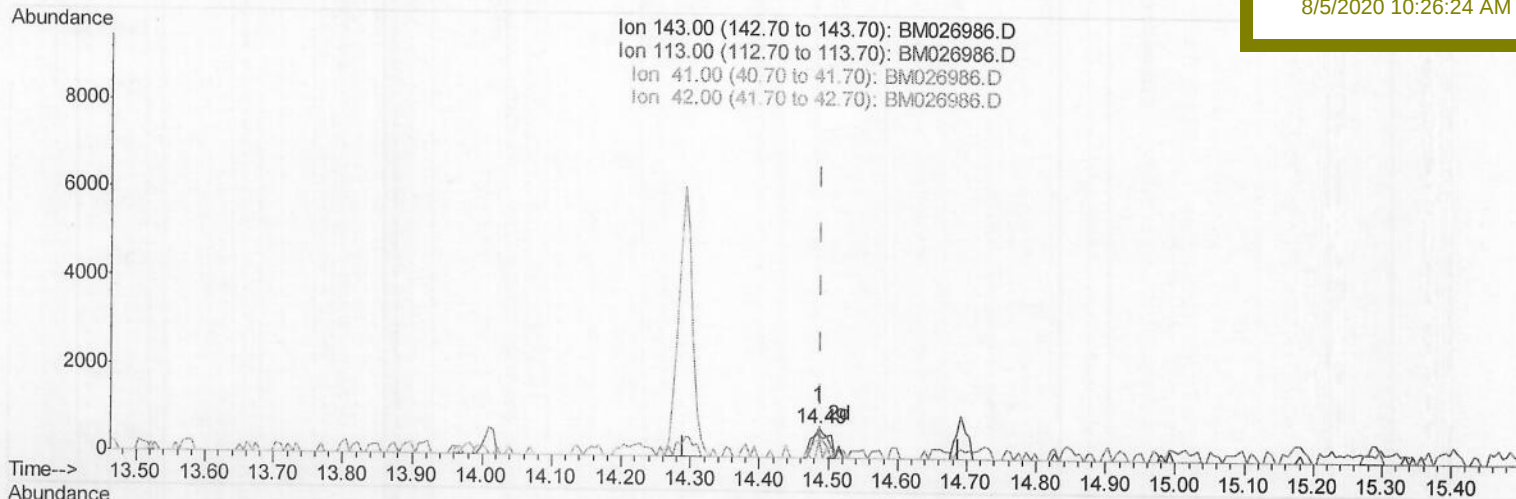
COS80DL

Manual Integrations

APPROVED

mohammad

8/5/2020 10:26:24 AM



(52) 4-Nitrophenol-d4 (S)

14.486min (-0.003) 0.31ng/ul

response 998

Ion	Exp%	Act%
143.00	100	100
113.00	93.00	78.18
41.00	46.10	57.51#
42.00	27.80	64.45#

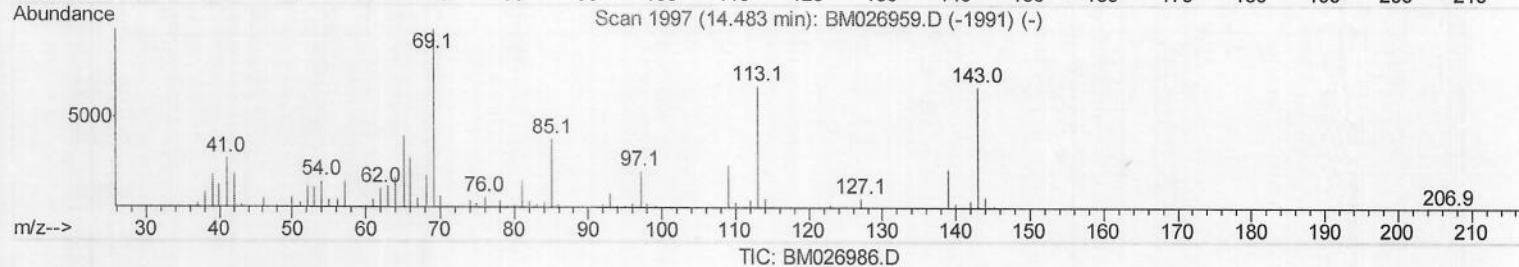
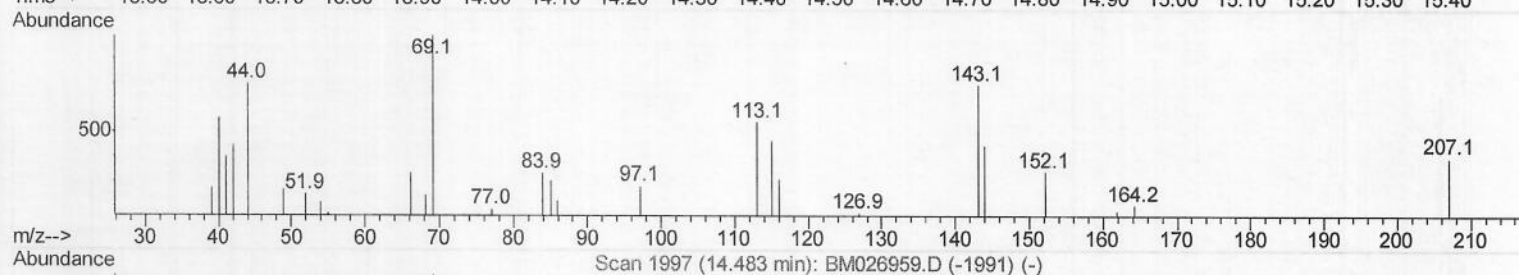
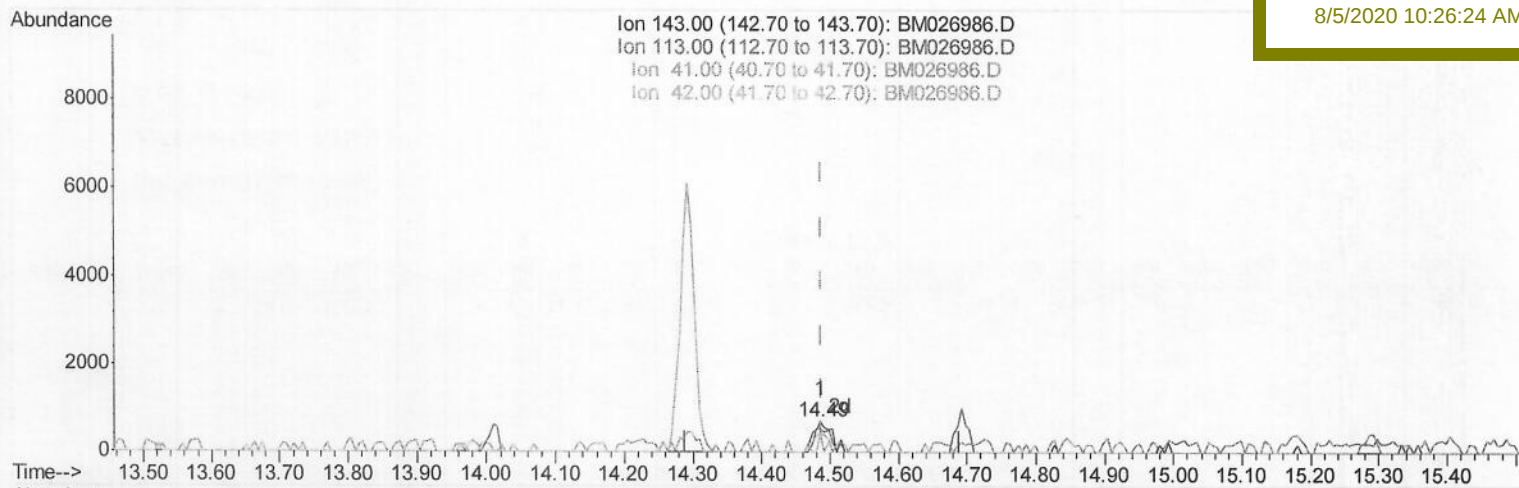
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026986.D
Acq On : 03 Aug 2020 19:50
Operator : JU/CG
Sample : L3424-05DL 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 04 02:36:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0S80DL

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:24 AM



(52) 4-Nitrophenol-d4 (S)

14.486min (-0.003) 0.37ng/ul m -> 08/05/2020JU

response 1183

Ion	Exp%	Act%
143.00	100	100
113.00	93.00	78.18
41.00	46.10	57.51#
42.00	27.80	64.45#

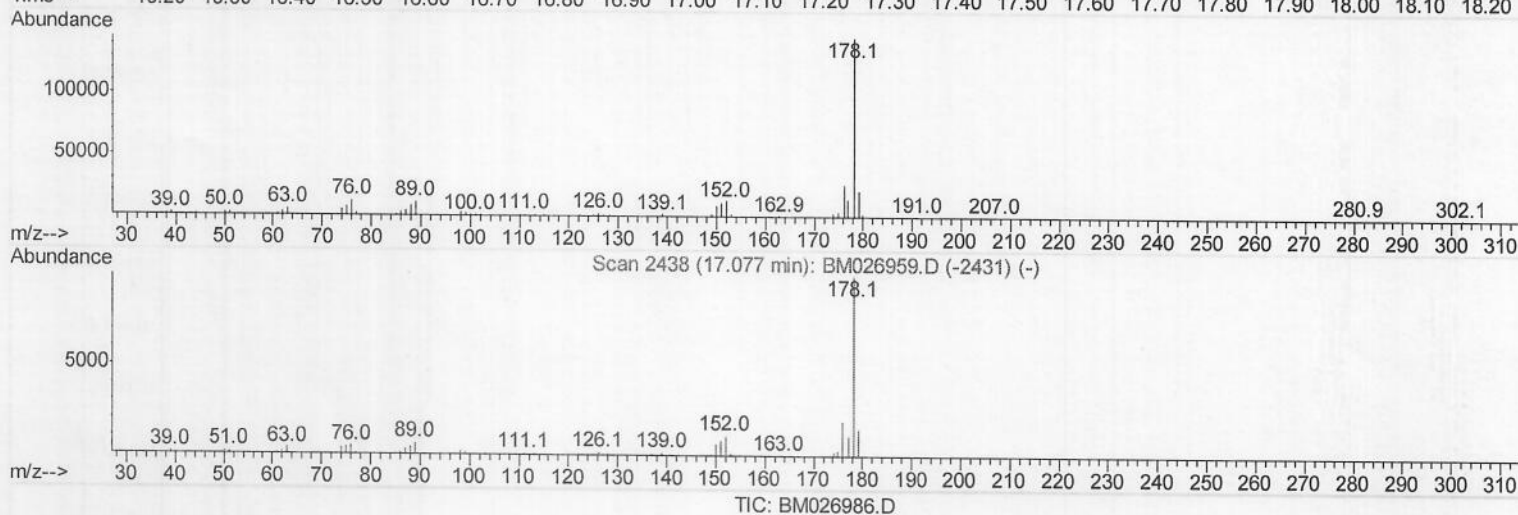
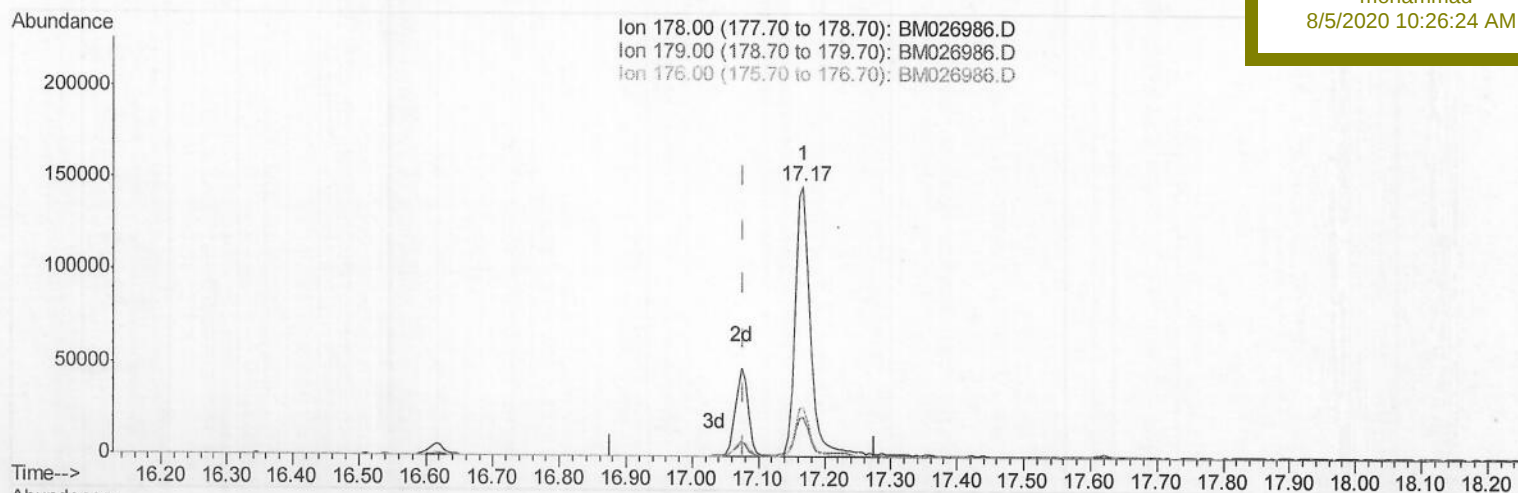
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026986.D
Acq On : 03 Aug 2020 19:50
Operator : JU/CG
Sample : L3424-05DL 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 04 02:36:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0S80DL

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:24 AM



(70) Phenanthrene

17.168min (+0.091) 7.49ng/ul

response 228065

Ion	Exp%	Act%
178.00	100	100
179.00	15.00	14.54
176.00	18.40	18.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\

Data File : BM026986.D

Acq On : 03 Aug 2020 19:50

Operator : JU/CG

Sample : L3424-05DL 25X

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 04 02:36:55 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Aug 03 10:21:18 2020

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

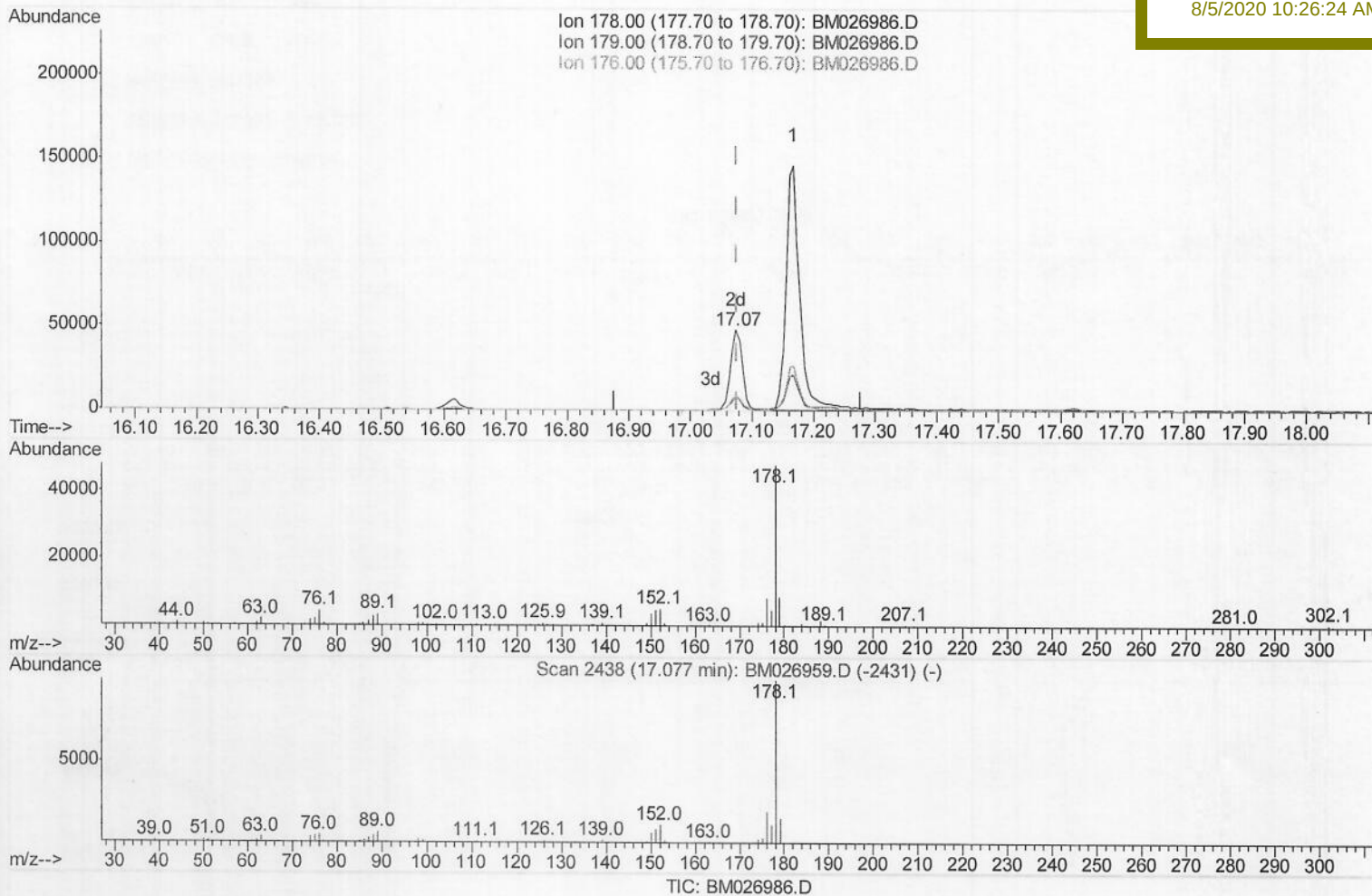
C0S80DL

Manual Integrations

APPROVED

mohammad

8/5/2020 10:26:24 AM



(70) Phenanthrene

17.074min (-0.003) 2.11ng/ul m ->

08/05/2020 JU

response 64369

Ion	Exp%	Act%
178.00	100	100
179.00	15.00	18.15#
176.00	18.40	17.52
0.00	0.00	0.00

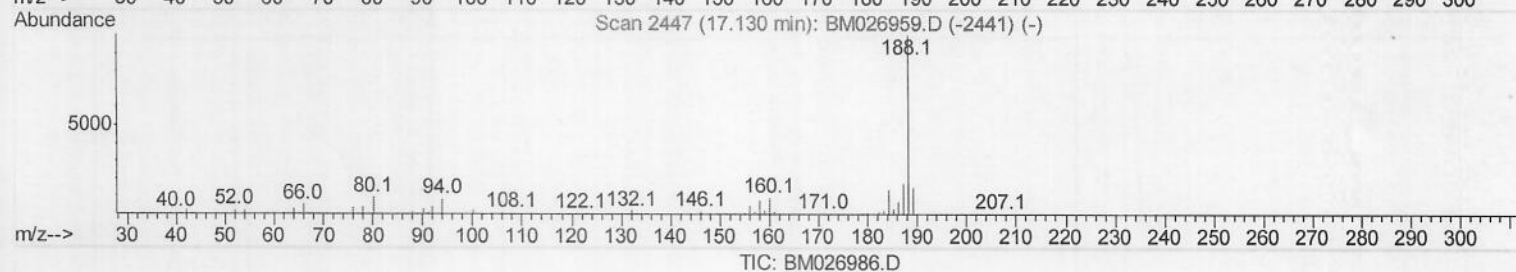
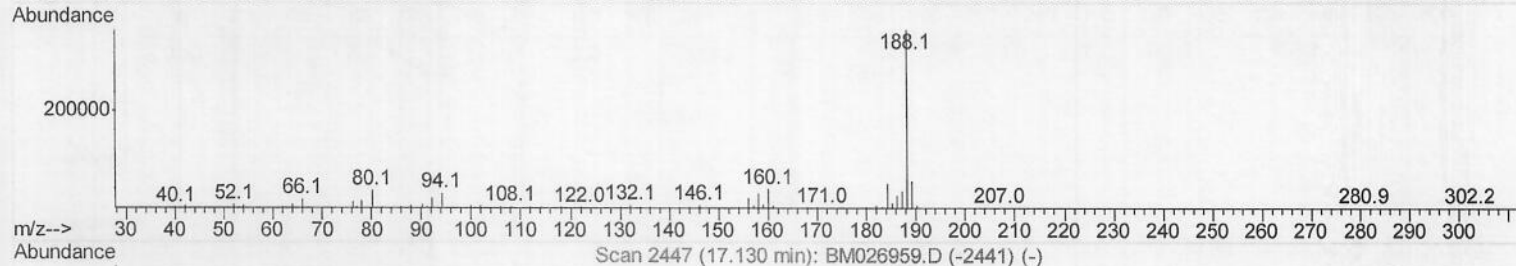
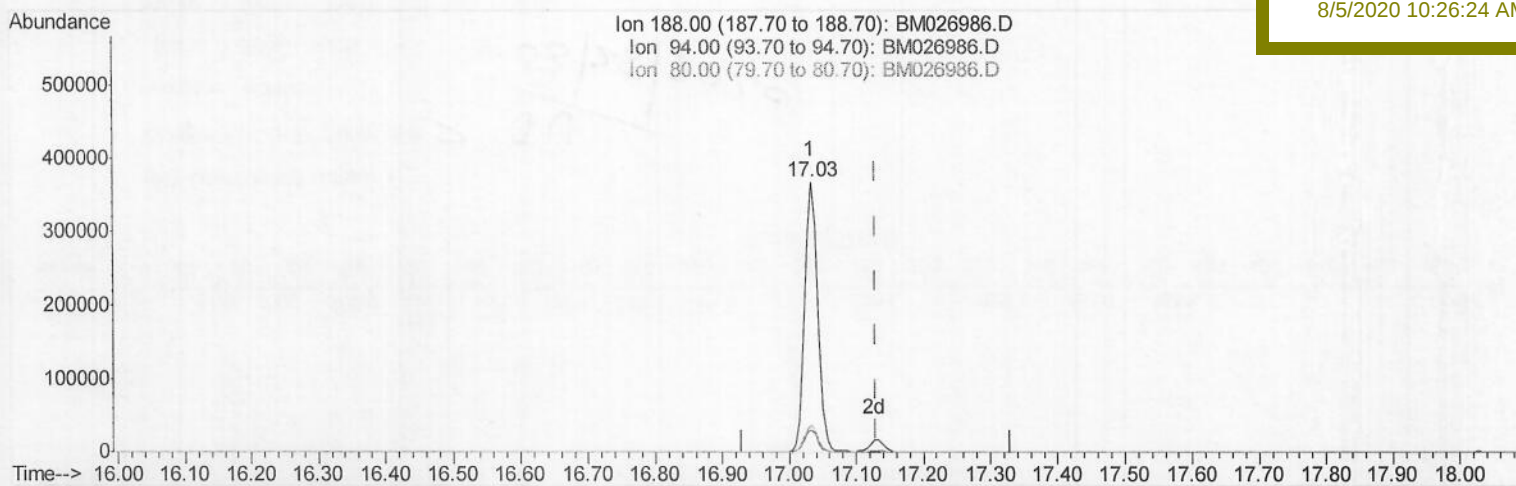
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026986.D
Acq On : 03 Aug 2020 19:50
Operator : JU/CG
Sample : L3424-05DL 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 04 02:36:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0S80DL

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:24 AM



(71) Anthracene-d10 (S)

17.033min (-0.097) 20.01ng/ul

response 501940

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.42
80.00	9.90	10.09
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\

Data File : BM026986.D

Acq On : 03 Aug 2020 19:50

Operator : JU/CG

Sample : L3424-05DL 25X

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 04 02:36:55 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Aug 03 10:21:18 2020

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

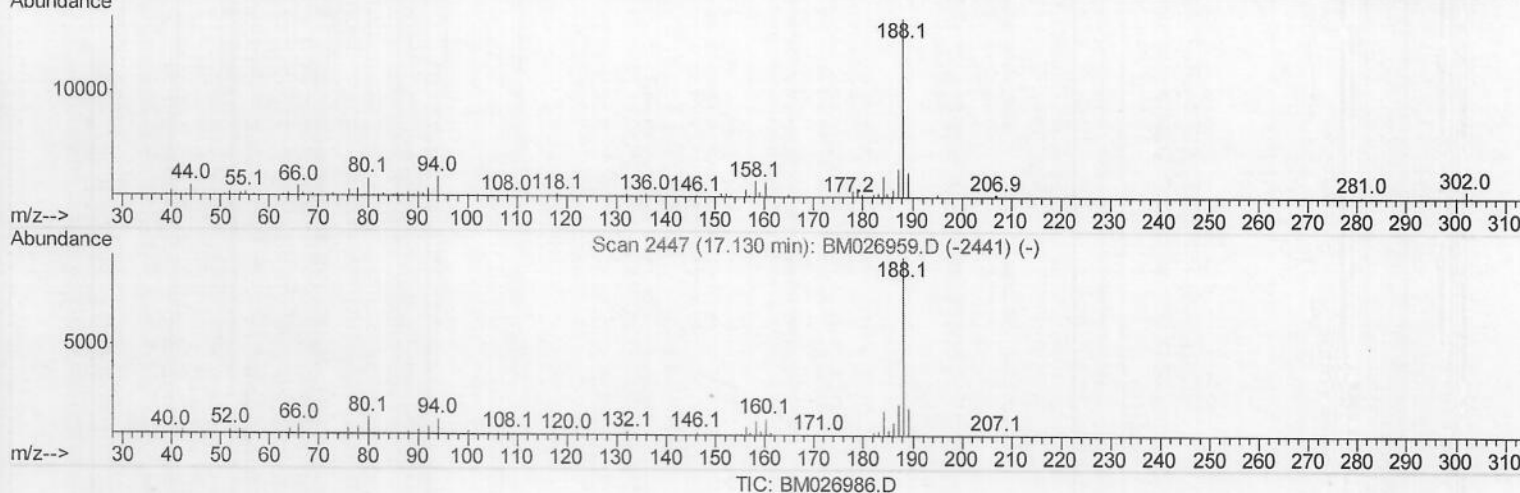
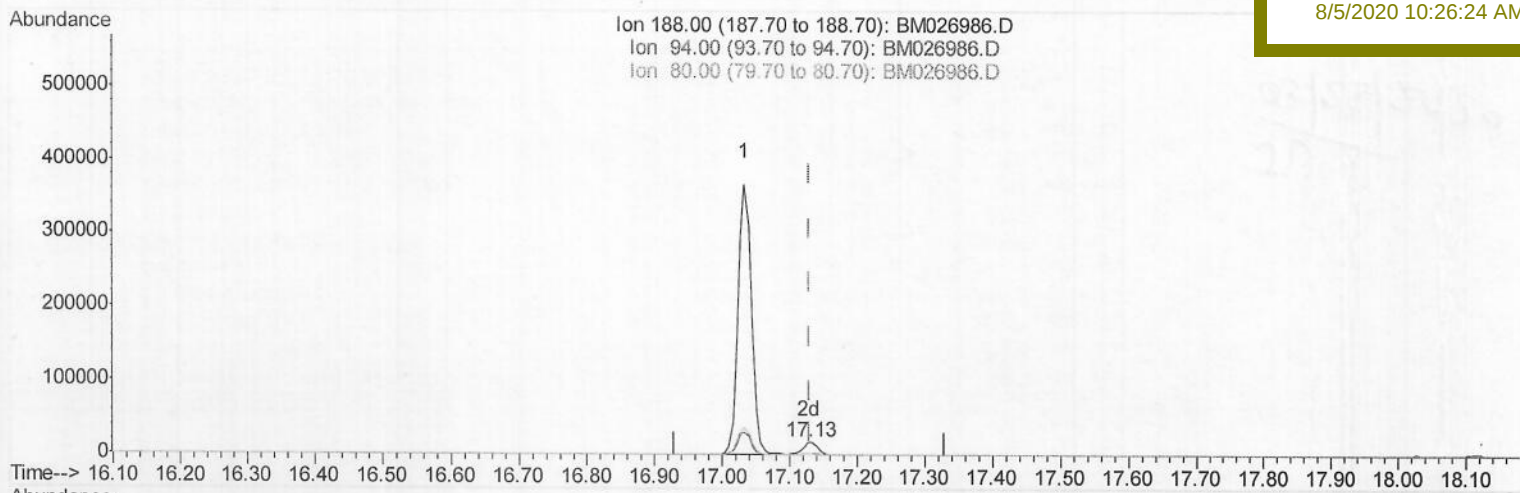
C0S80DL

Manual Integrations

APPROVED

mohammad

8/5/2020 10:26:24 AM



(71) Anthracene-d10 (S)

17.127min (-0.003) 1.02ng/ul m ->

08/05/2020 JU

response 25513

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	11.58#
80.00	9.90	10.56
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026986.D
Acq On : 03 Aug 2020 19:50
Operator : JU/CG
Sample : L3424-05DL 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 04 02:36:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :

BNA_M

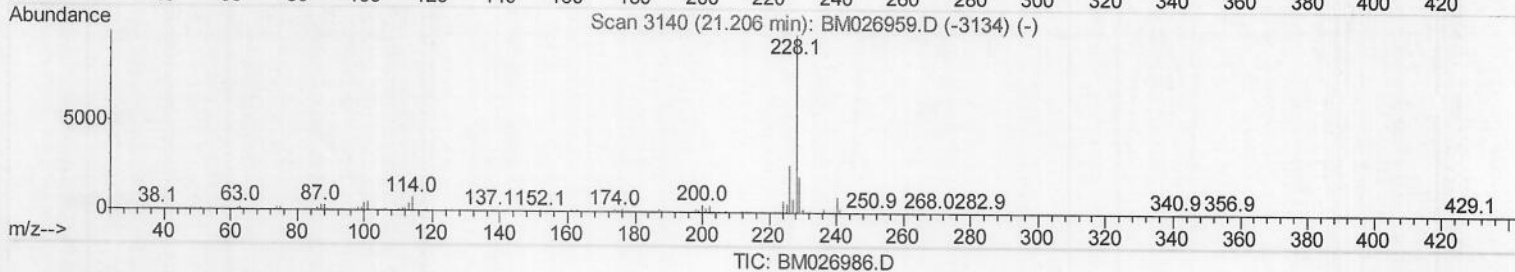
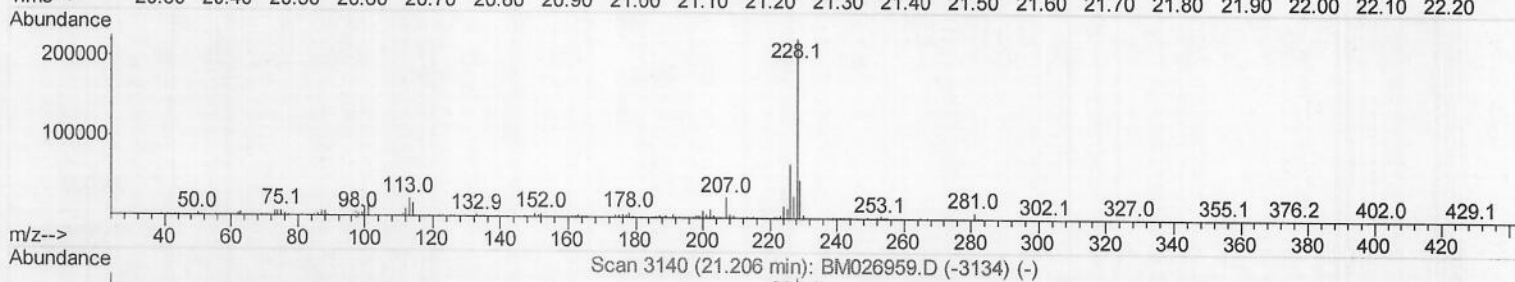
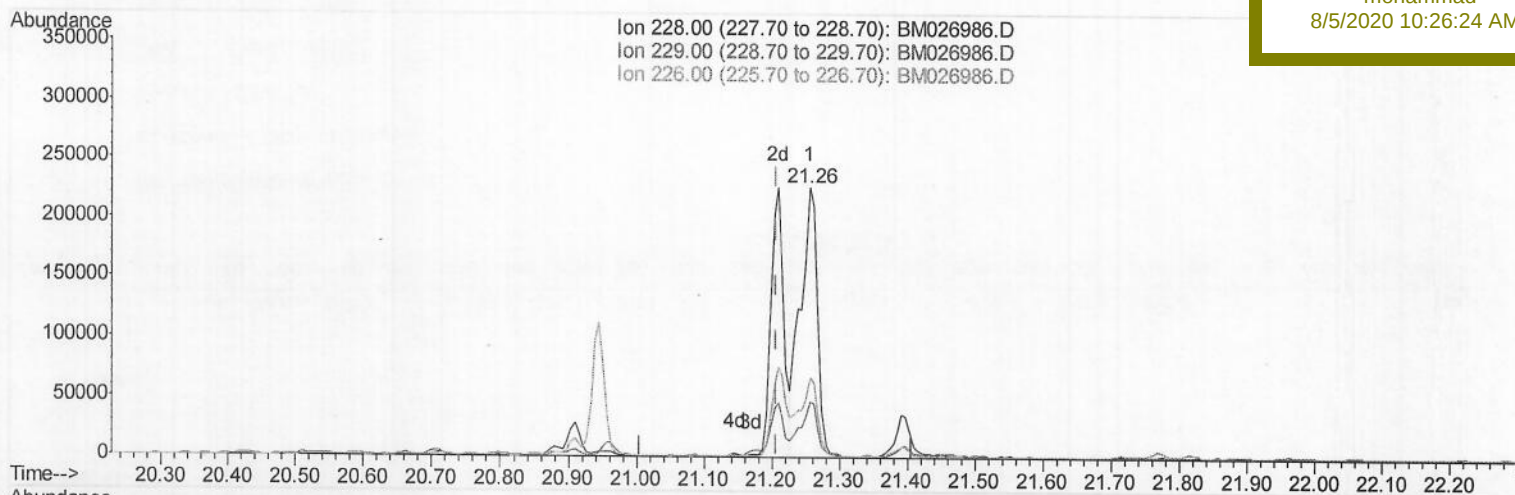
ClientSampleId :

C0S80DL

Manual Integrations
APPROVED

mohammad

8/5/2020 10:26:24 AM



(83) Benzo(a)anthracene

21.256min (+0.050) 11.80ng/ul

response 392744

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	21.06
226.00	26.10	30.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026986.D
Acq On : 03 Aug 2020 19:50
Operator : JU/CG
Sample : L3424-05DL 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 04 02:36:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

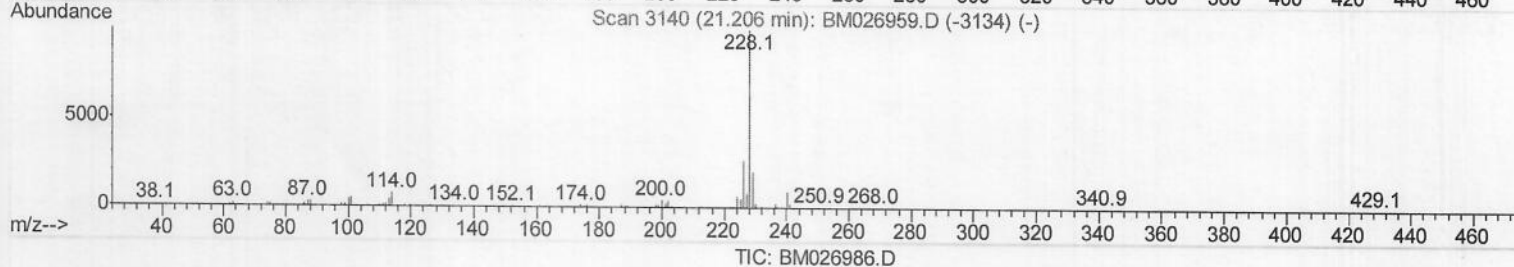
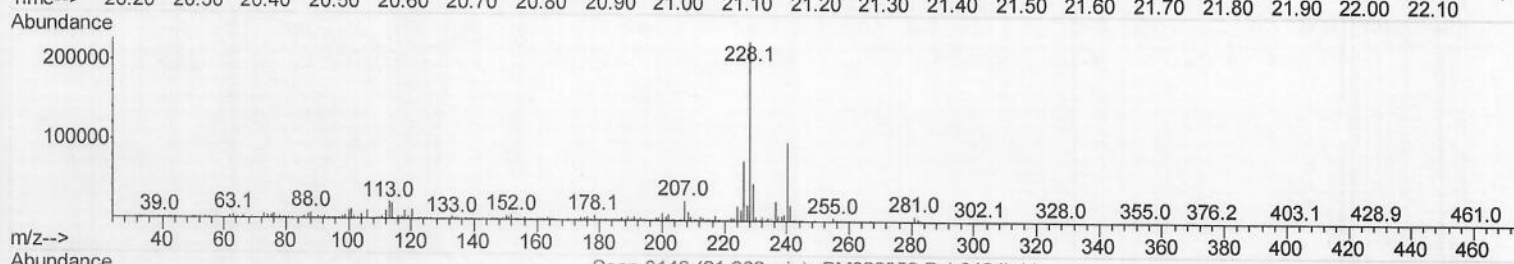
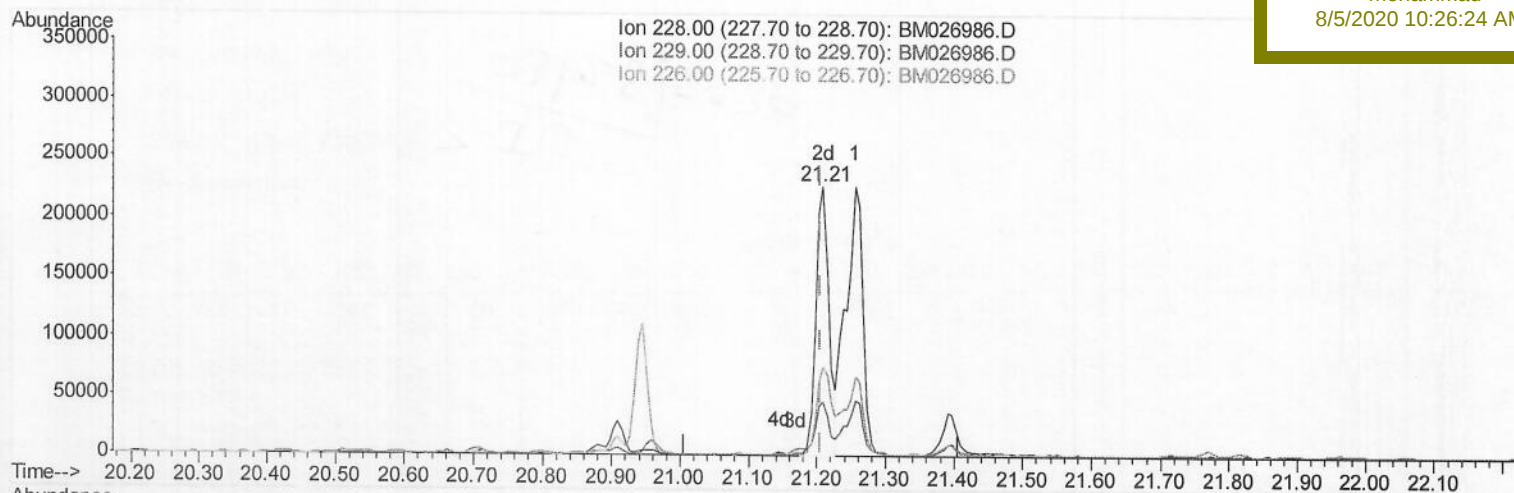
C0S80DL

Manual Integrations

APPROVED

mohammad

8/5/2020 10:26:24 AM



(83) Benzo(a)anthracene

21.209min (+0.003) 9.26ng/ul m -> 08/05/2020 JU

response 308414

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	20.62
226.00	26.10	33.48#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
 Data File : BM026986.D
 Acq On : 03 Aug 2020 19:50
 Operator : JU/CG
 Sample : L3424-05DL 25X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S80DL

Quant Time: Aug 04 04:31:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 10:21:18 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 8/5/2020 10:26:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	102554	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	406354	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	244161	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	501940	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	483014	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	484895	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	69	0.03	ng/ul	0.00
5) Phenol-d5	6.84	99	7564	0.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	5141	0.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	5913	0.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	5769	0.83	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	3054	0.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	2704	0.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	5446	0.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	2137	0.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	17261	0.90	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	20690	0.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1183m ->	0.37	ng/ul	0.00
58) Fluorene-d10	15.29	176	14069	0.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	993	0.44	ng/ul	0.00
71) Anthracene-d10	17.13	188	25513m ->	1.02	ng/ul	0.00
79) Pyrene-d10	19.43	212	25200	0.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	24519	0.90	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.48	128	47450	2.090	ng/ul	97
48) Acenaphthylene	14.01	152	117302	4.739	ng/ul	99
70) Phenanthrene	17.07	178	64369m ->	2.113	ng/ul	
72) Anthracene	17.17	178	230323	7.355	ng/ul	99
77) Fluoranthene	19.09	202	344320	9.571	ng/ul	99
80) Pyrene	19.46	202	468538	13.333	ng/ul	98
83) Benzo(a)anthracene	21.21	228	308414m ->	9.264	ng/ul	
85) Chrysene	21.26	228	392776	12.098	ng/ul	97
88) Benzo(b)fluoranthene	22.78	252	1199368	34.576	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	435594	13.087	ng/ul	98
91) Benzo(a)pyrene	23.33	252	385221	12.307	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.64	276	544530	14.023	ng/ul	96
93) Dibenzo(a,h)anthracene	25.64	278	146907	4.473	ng/ul#	88
94) Benzo(a,h,i)perylene	26.31	276	195223	6.080	ng/ul	99

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