Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 04:29:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBKA8

Manual Integrations APPROVED
mohammad
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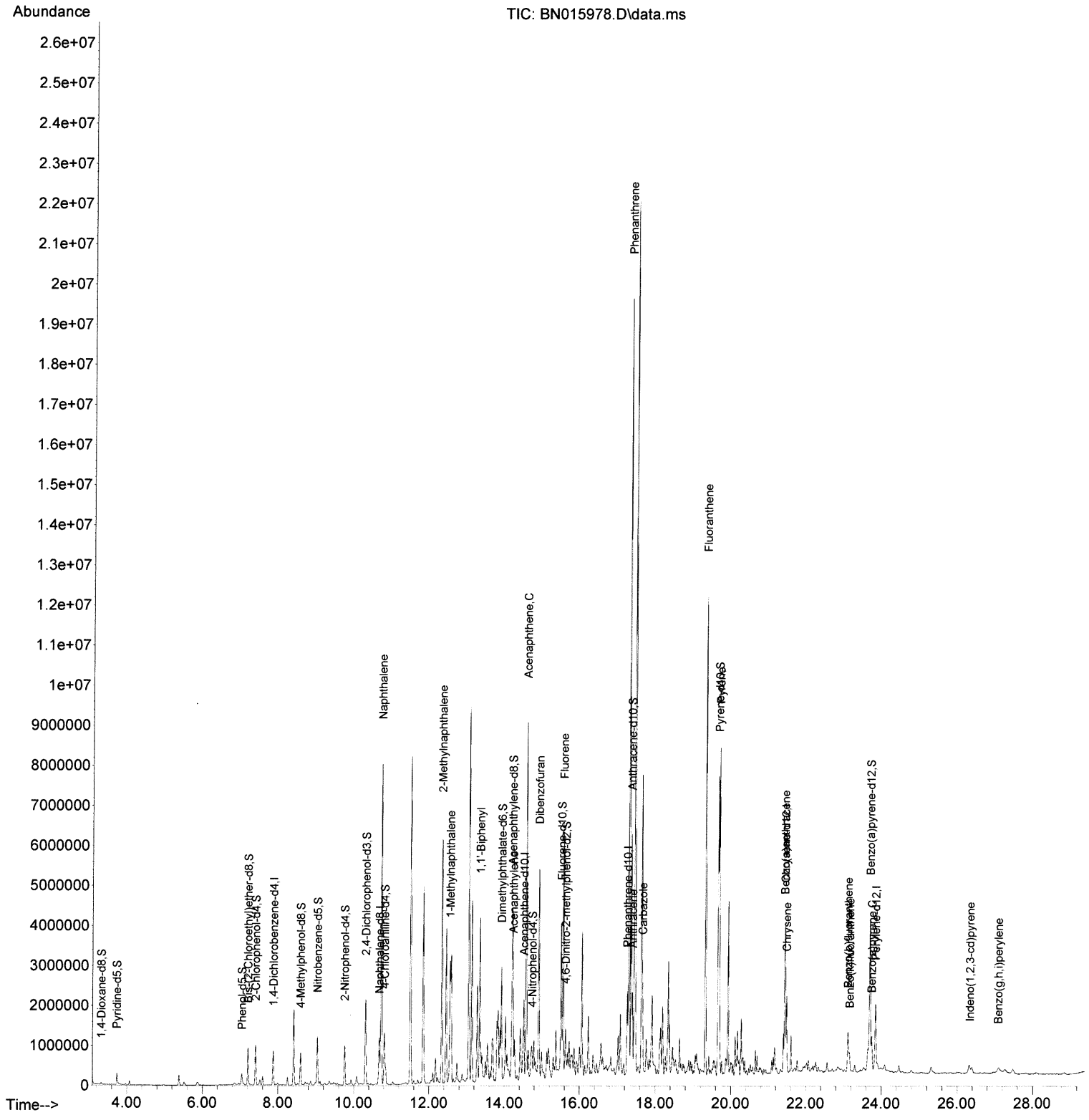

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 04:29:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED
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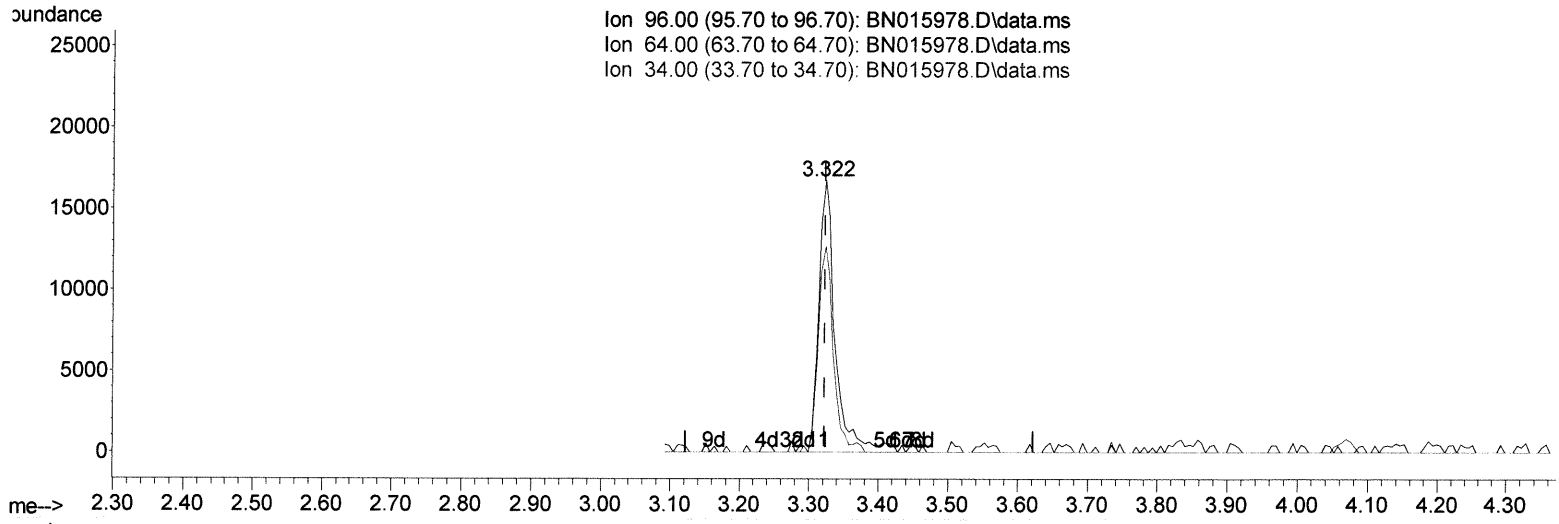

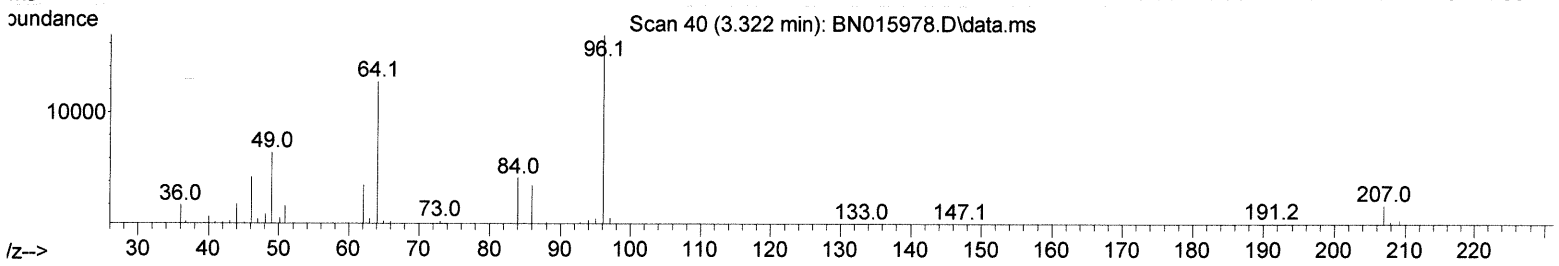

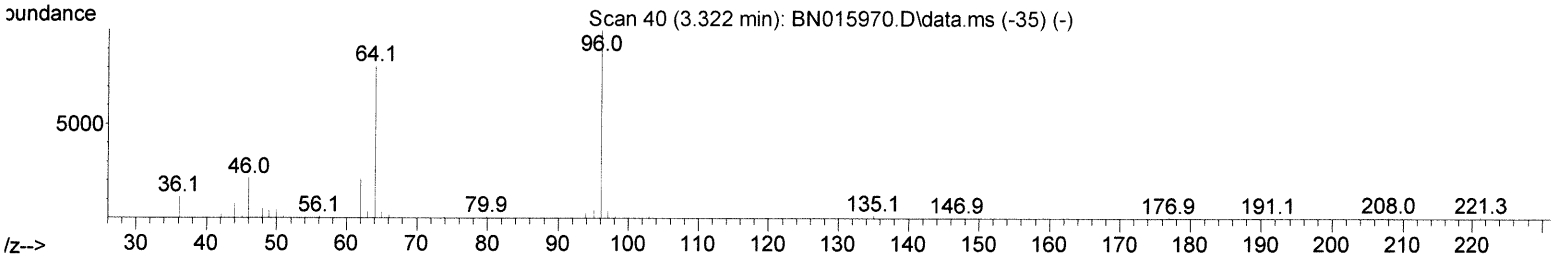

TIC: BN015978.D\data.ms

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

3.322min (+ 0.000) 4.31 ng/uL

response 25416

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.10	75.86
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 04:29:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBKA8

Manual Integrations APPROVED
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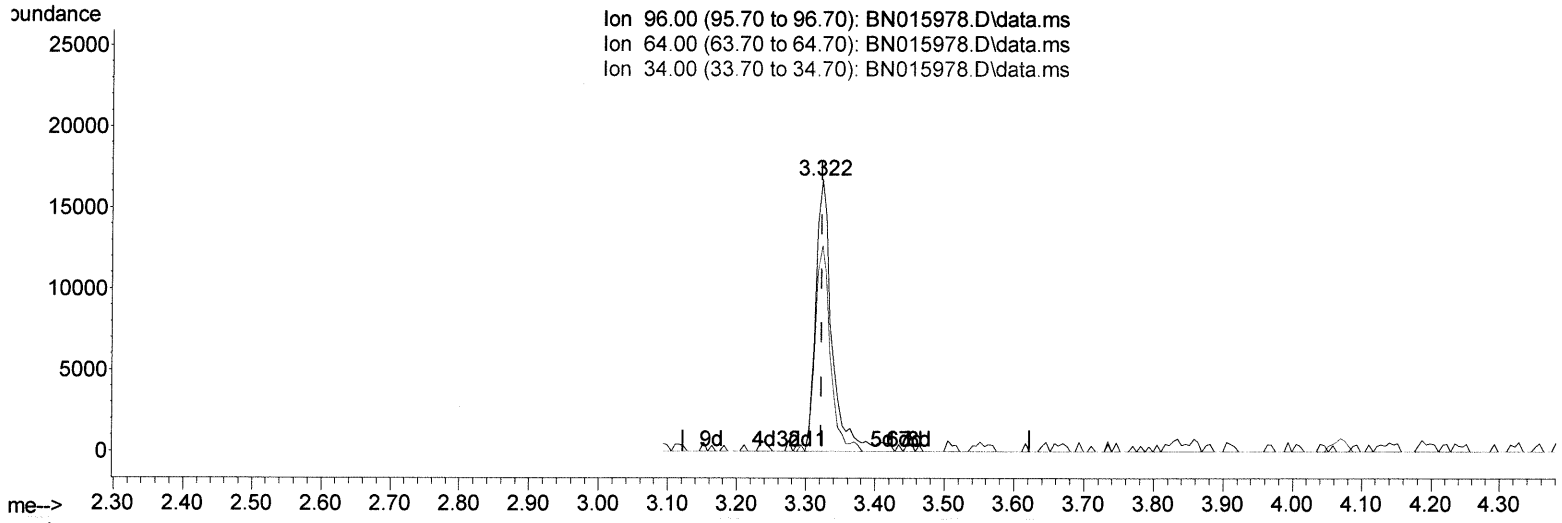

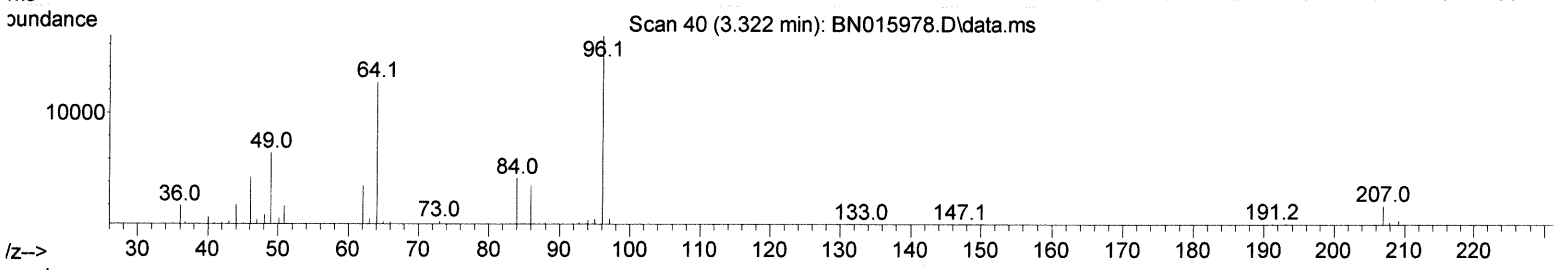

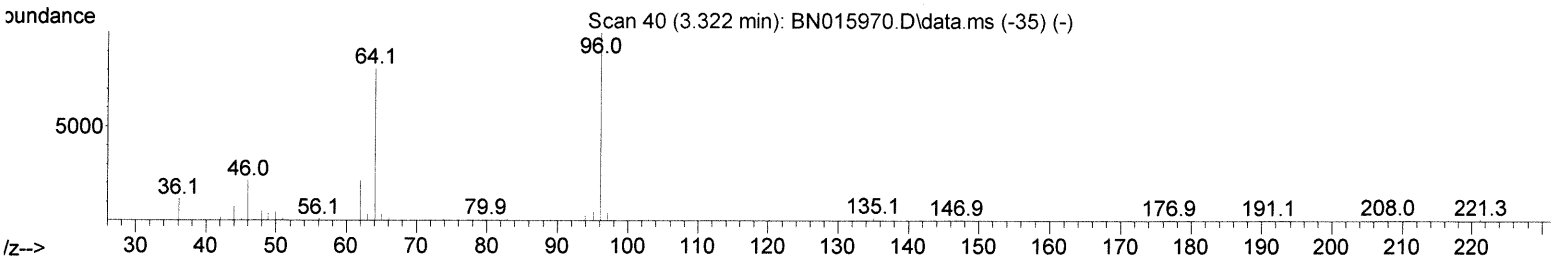

TIC: BN015978.D\data.ms

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

3.322min (+ 0.000) 4.51 ng/uL m JU 8/20/21

response 26619

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.10	75.86
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 04:29:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBKA8

Manual Integrations APPROVED
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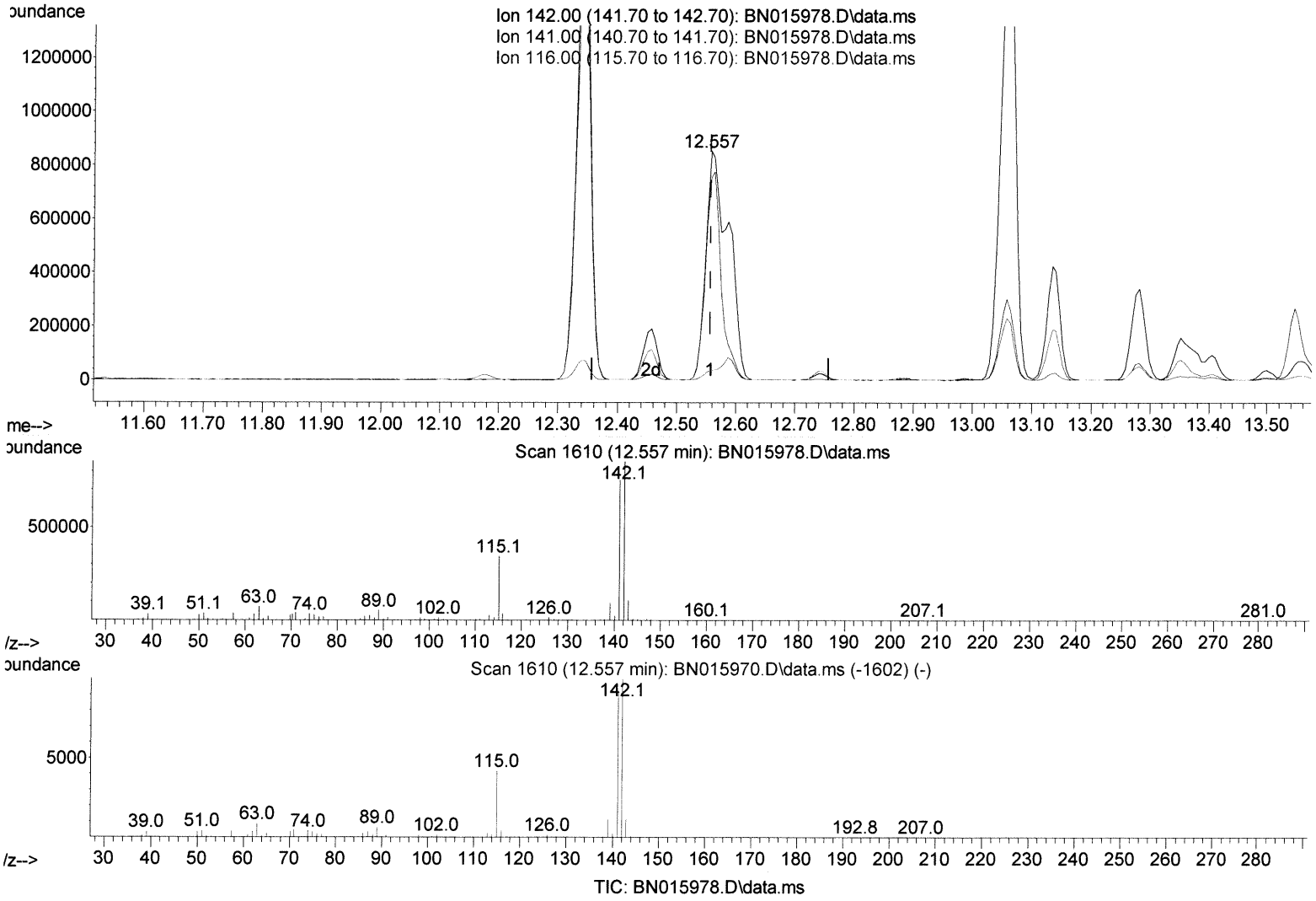

(37) 1-Methylnaphthalene

12.557min (+ 0.000) 40.15 ng/ul

response 1429949

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	92.80	88.43
116.00	4.20	4.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 04:29:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBKA8

Manual Integrations APPROVED
mohammad
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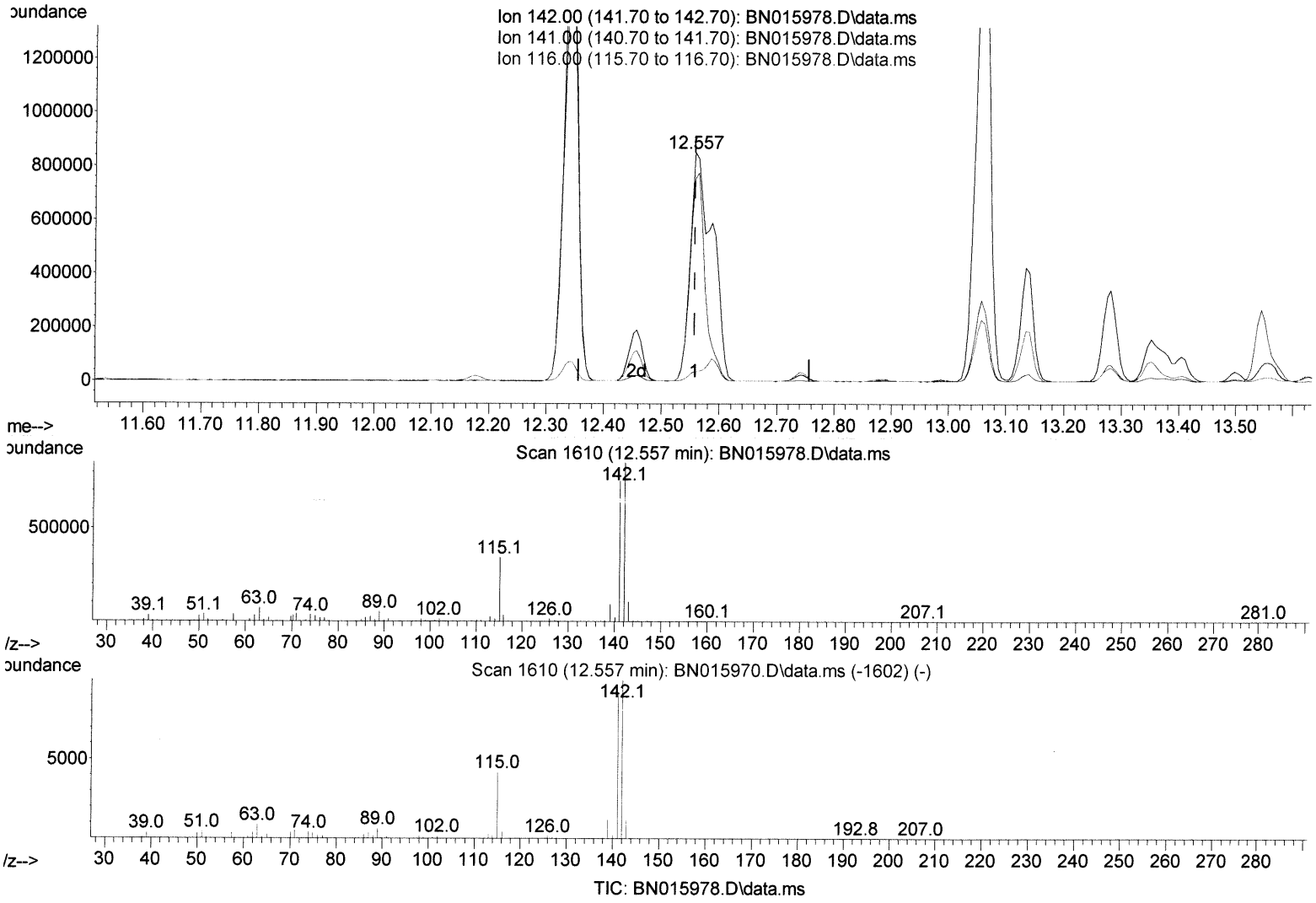

(37) 1-Methylnaphthalene

12.557min (+ 0.000) 63.35 ng/ul m JU 8/20/21

response 2256530

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	92.80	88.43
116.00	4.20	4.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 04:29:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBKA8

Manual Integrations APPROVED
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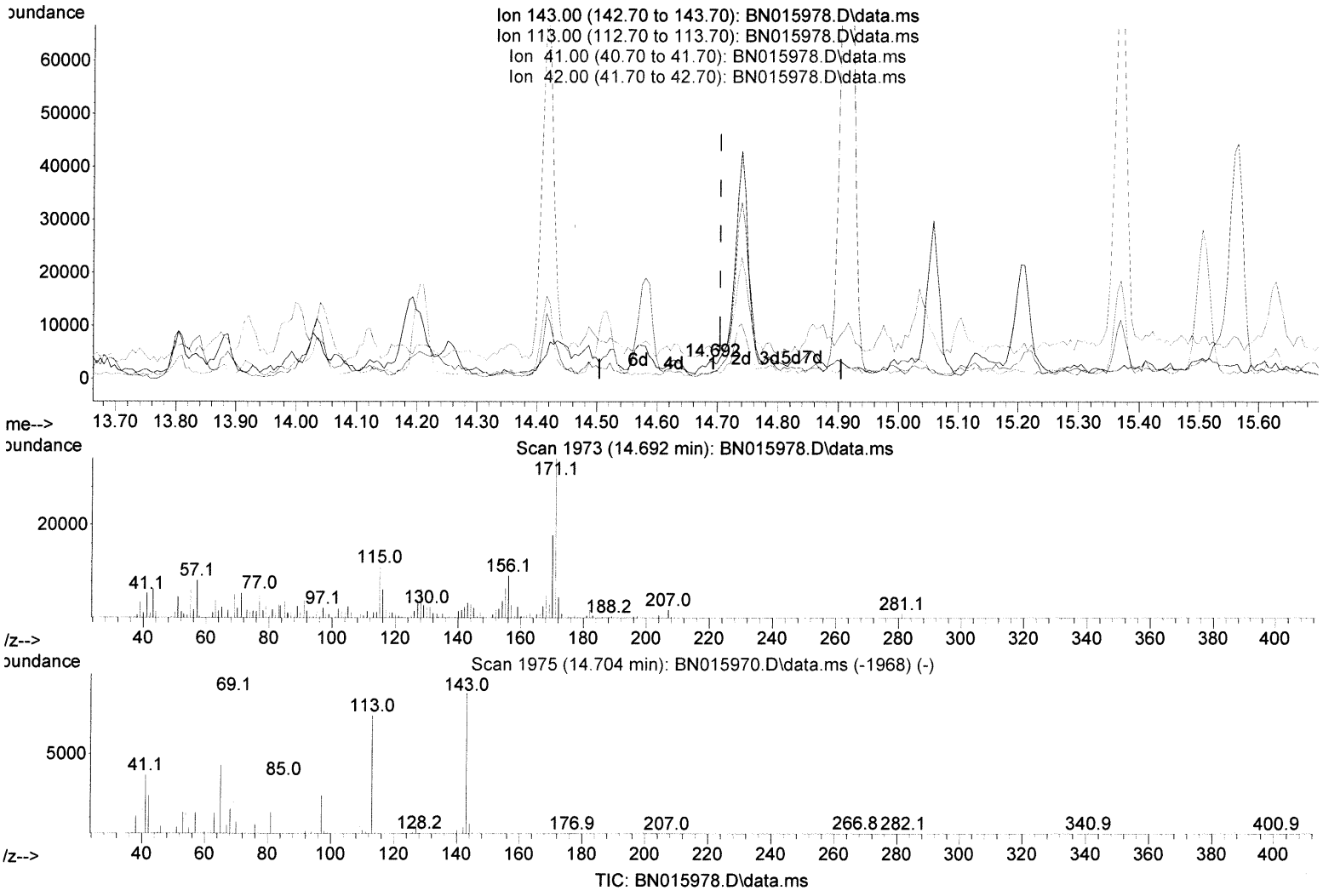

(54) 4-Nitrophenol-d4 (S)

14.692min (-0.012) 0.45 ng/ul

response 3474

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	92.00	41.23#
41.00	42.20	157.81#
42.00	29.90	38.18#

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 04:29:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBKA8

Manual Integrations APPROVED
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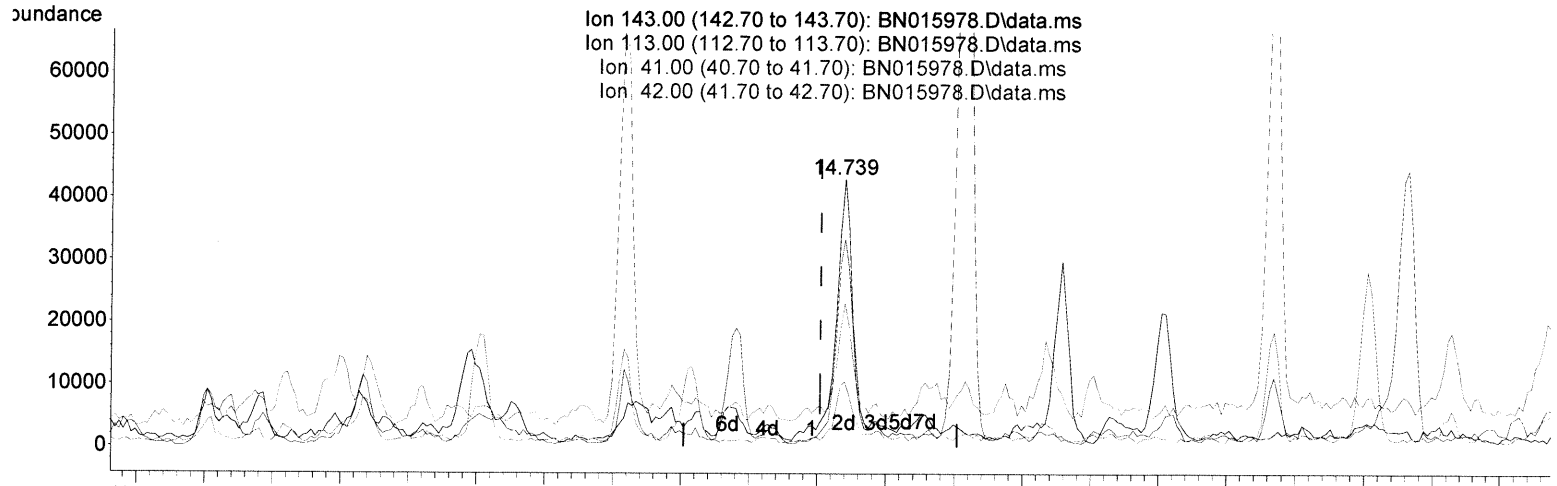

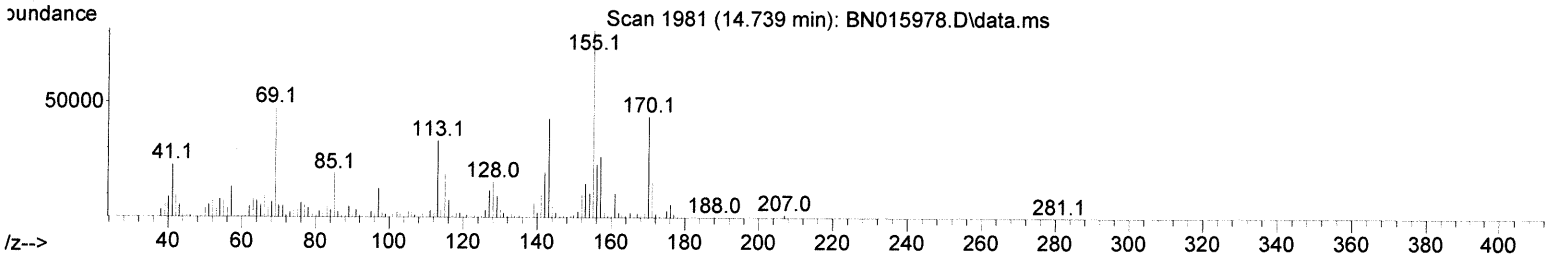

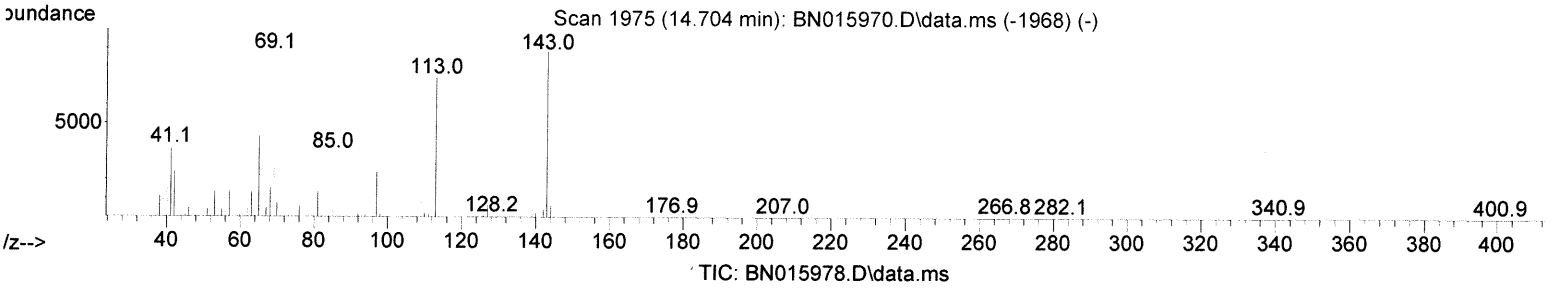

TIC: BN015978.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.739min (+ 0.035) 9.60 ng/ul m JU 8/20/21

response 74910

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	92.00	77.54
41.00	42.20	53.60#
42.00	29.90	24.32

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 04:29:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBKA8

Manual Integrations APPROVED
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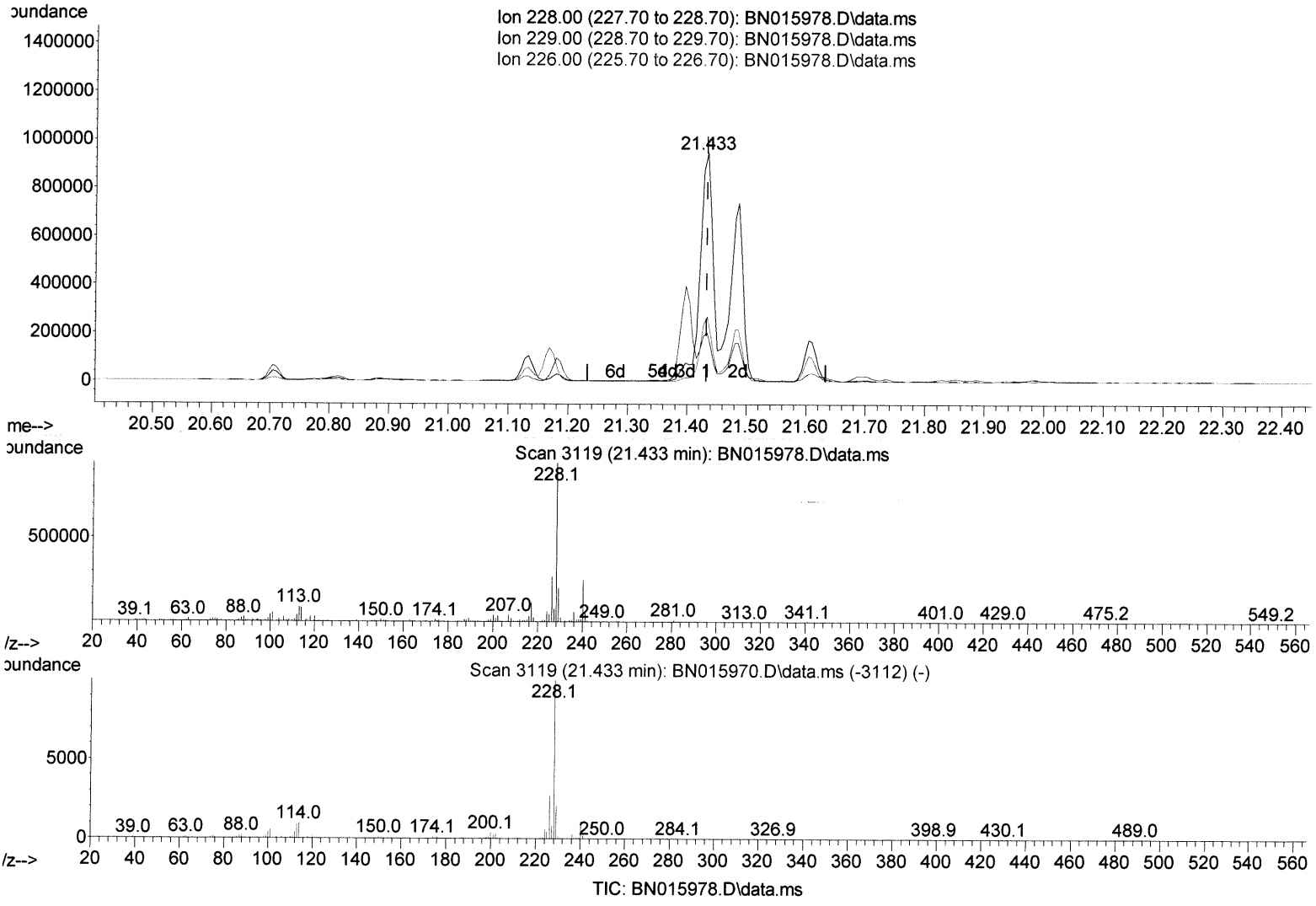

(85) Benzo(a)anthracene

21.433min (+ 0.000) 15.90 ng/ul

response 1320934

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	18.10	21.32
226.00	26.10	28.43
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 04:29:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBKA8

Manual Integrations APPROVED
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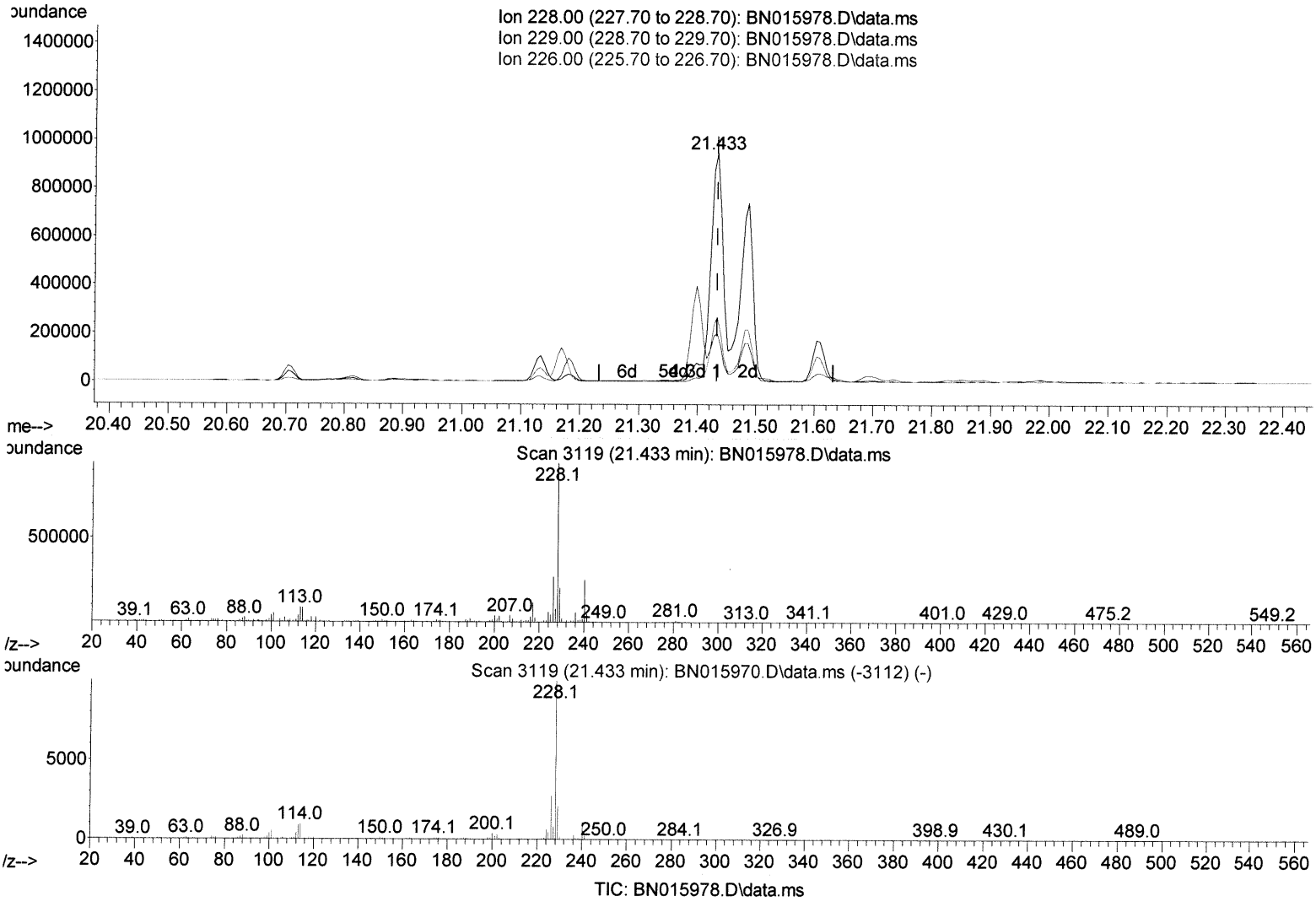

(85) Benzo(a)anthracene

21.433min (+ 0.000) 16.85 ng/ul m

response 1399820

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	18.10	21.32
226.00	26.10	28.43
0.00	0.00	0.00

8/20/21

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 04:29:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBKA8

Manual Integrations APPROVED
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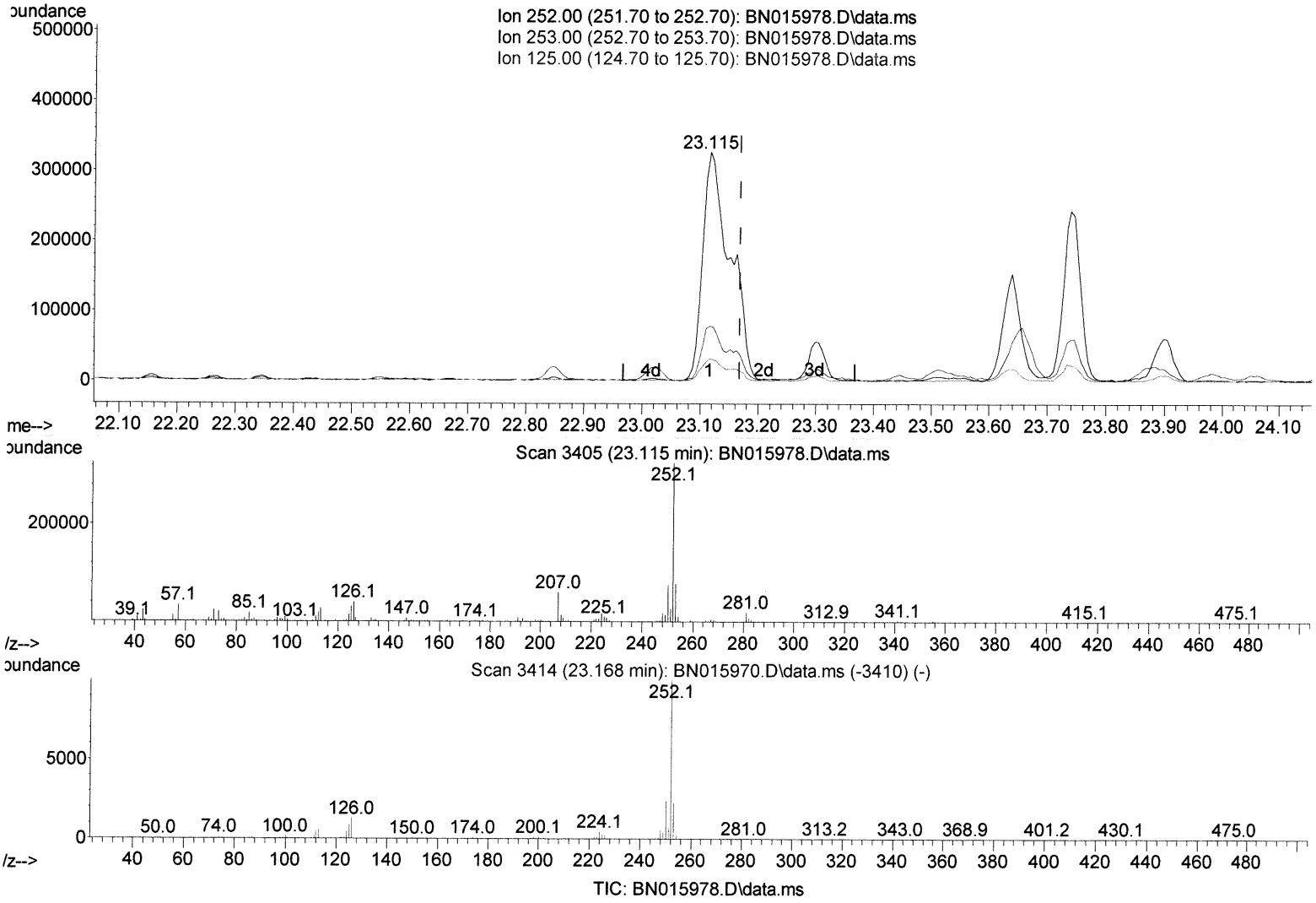

(91) Benzo(k)fluoranthene

23.115min (-0.053) 10.54 ng/ul

response 889463

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.85
125.00	8.80	9.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 04:29:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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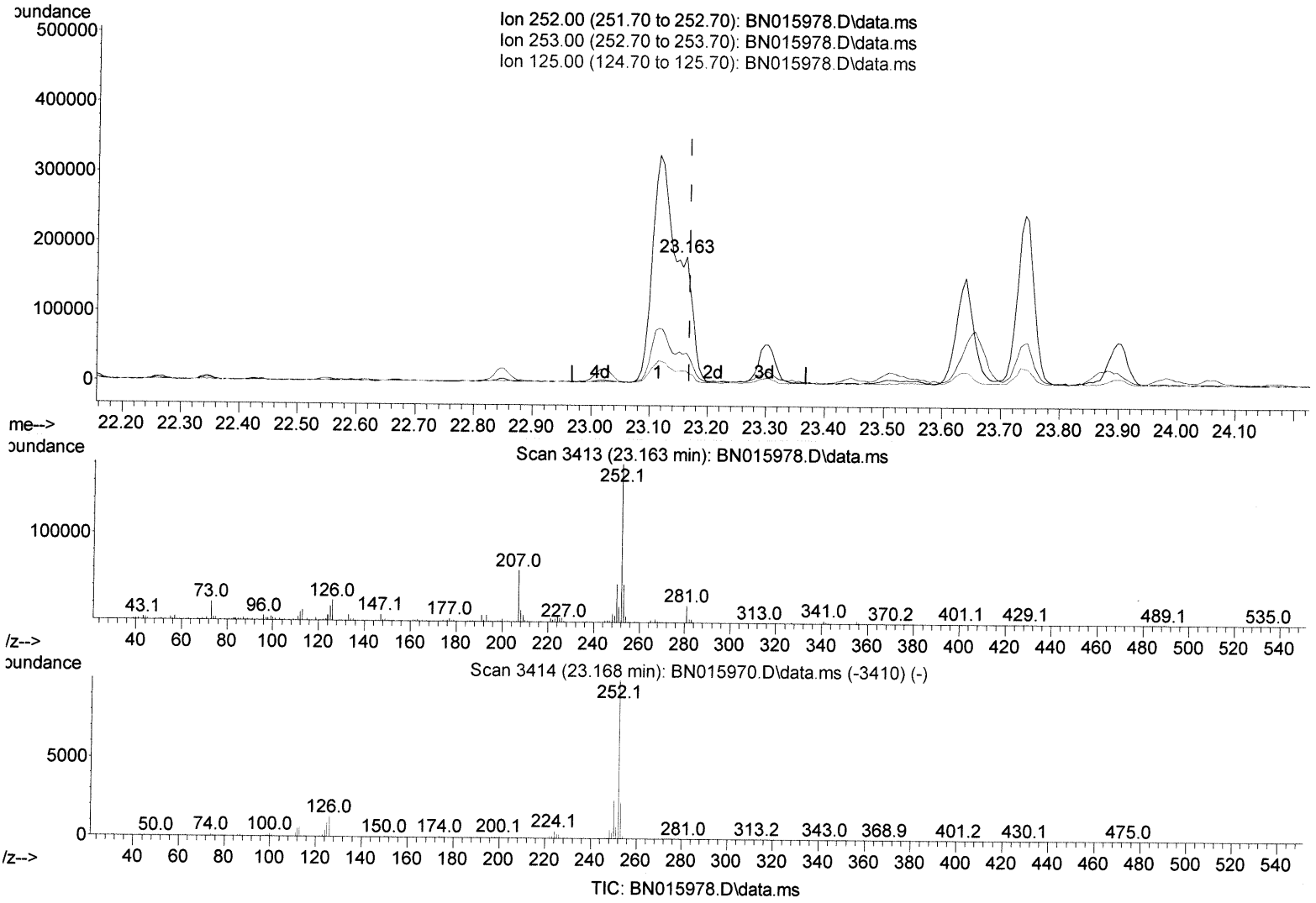

(91) Benzo(k)fluoranthene

23.163min (-0.006) 2.07 ng/ul m JU 8/20/21

response 174480

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.94
125.00	8.80	9.45
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Aug 20 04:29:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	229870	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	960806	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	601919	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	1235496	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	1291326	20.000	ng/ul	0.00
88) Perylene-d12	23.845	264	1289535	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	26619m	4.511	ng/uL	0.00
4) Pyridine-d5	3.734	84	174297	10.568	ng/ul	0.00
7) Phenol-d5	7.046	99	159667	7.679	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.205	67	407801	31.854	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	462813	31.280	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	331197	20.479	ng/ul	0.01
21) Nitrobenzene-d5	9.034	128	271798	38.435	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	286774	43.330	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	565157	39.461	ng/ul	0.02
31) 4-Chloroaniline-d4	10.816	131	650075	29.819	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1755995	39.807	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	2170159	39.283	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	74910m	9.601	ng/ul	0.04
60) Fluorene-d10	15.510	176	1517259	39.431	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	231038	35.015	ng/ul	0.00
73) Anthracene-d10	17.363	188	2364299	40.828	ng/ul	0.00
81) Pyrene-d10	19.657	212	2813208	40.446	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	2903247	41.639	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.734	128	6593431	128.129	ng/ul	99
36) 2-Methylnaphthalene	12.340	142	2830825	79.107	ng/ul	97
37) 1-Methylnaphthalene	12.557	142	2256530m	63.352	ng/ul	
43) 1,1'-Biphenyl	13.351	154	861313	18.505	ng/ul	98
50) Acenaphthylene	14.234	152	149803	2.853	ng/ul#	67
52) Acenaphthene	14.581	153	3341409	87.966	ng/ul	98
56) Dibenzofuran	14.916	168	2926963	55.735	ng/ul	100
61) Fluorene	15.563	166	2619318	61.121	ng/ul	100
72) Phenanthrene	17.310	178	11597517	172.671	ng/ul	96
74) Anthracene	17.398	178	1112321	16.221	ng/ul	98
77) Carbazole	17.663	167	1109466	18.402	ng/ul	99
80) Fluoranthene	19.322	202	7153755	85.007	ng/ul	97
82) Pyrene	19.686	202	5163752	58.956	ng/ul	96
85) Benzo(a)anthracene	21.433	228	1399820m	16.848	ng/ul	
87) Chrysene	21.486	228	1112948	13.835	ng/ul	97
90) Benzo(b)fluoranthene	23.115	252	889463	10.491	ng/ul	95
91) Benzo(k)fluoranthene	23.163	252	174480m	2.067	ng/ul	
93) Benzo(a)pyrene	23.739	252	483995	6.307	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.327	276	156967	1.650	ng/ul	94
96) Benzo(g,h,i)perylene	27.086	276	123035	1.564	ng/ul#	95

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