

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081524\
 Data File : BN033400.D
 Acq On : 15 Aug 2024 14:58
 Operator : MA/JU
 Sample : P3481-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0AE8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 16 00:11:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:12:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	551109	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	2373932	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.210	164	1481349	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	2908017	20.000	ng/u1	0.00
79) Chrysene-d12	21.192	240	1990014	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	1875299	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	36955	2.736	ng/uL	0.00
4) Pyridine-d5	3.546	84	374397	9.134	ng/u1	0.00
7) Phenol-d5	6.752	99	839453	16.607	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	545730	16.837	ng/u1	0.00
11) 2-Chlorophenol-d4	7.105	132	693048	18.187	ng/u1	0.00
15) 4-Methylphenol-d8	8.269	113	705216	16.871	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	341789	18.917	ng/u1	0.00
24) 2-Nitrophenol-d4	9.422	143	331571	20.841	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	646920	18.265	ng/u1	0.00
31) 4-Chloroaniline-d4	10.469	131	529932	8.975	ng/u1	0.00
46) Dimethylphthalate-d6	13.628	166	1997322	17.717	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	2328919	18.451	ng/u1	0.00
54) 4-Nitrophenol-d4	14.410	143	248830	11.423	ng/u1	0.00
60) Fluorene-d10	15.204	176	1709862	17.685	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	150015	10.953	ng/u1	0.00
73) Anthracene-d10	17.057	188	2369135	17.183	ng/u1	0.00
81) Pyrene-d10	19.357	212	2666133	24.262	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	1876304	19.243	ng/u1	0.00
Target Compounds					Qvalue	
80) Fluoranthene	19.022	202	413672	3.219	ng/u1	98
82) Pyrene	19.386	202	405222	2.910	ng/u1	99
85) Benzo(a)anthracene	21.174	228	253702m	1.772	ng/u1	
87) Chrysene	21.233	228	207749	1.543	ng/u1	99
90) Benzo(b)fluoranthene	23.133	252	231163	1.983	ng/u1	98
93) Benzo(a)pyrene	23.886	252	187926	1.701	ng/u1	97

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

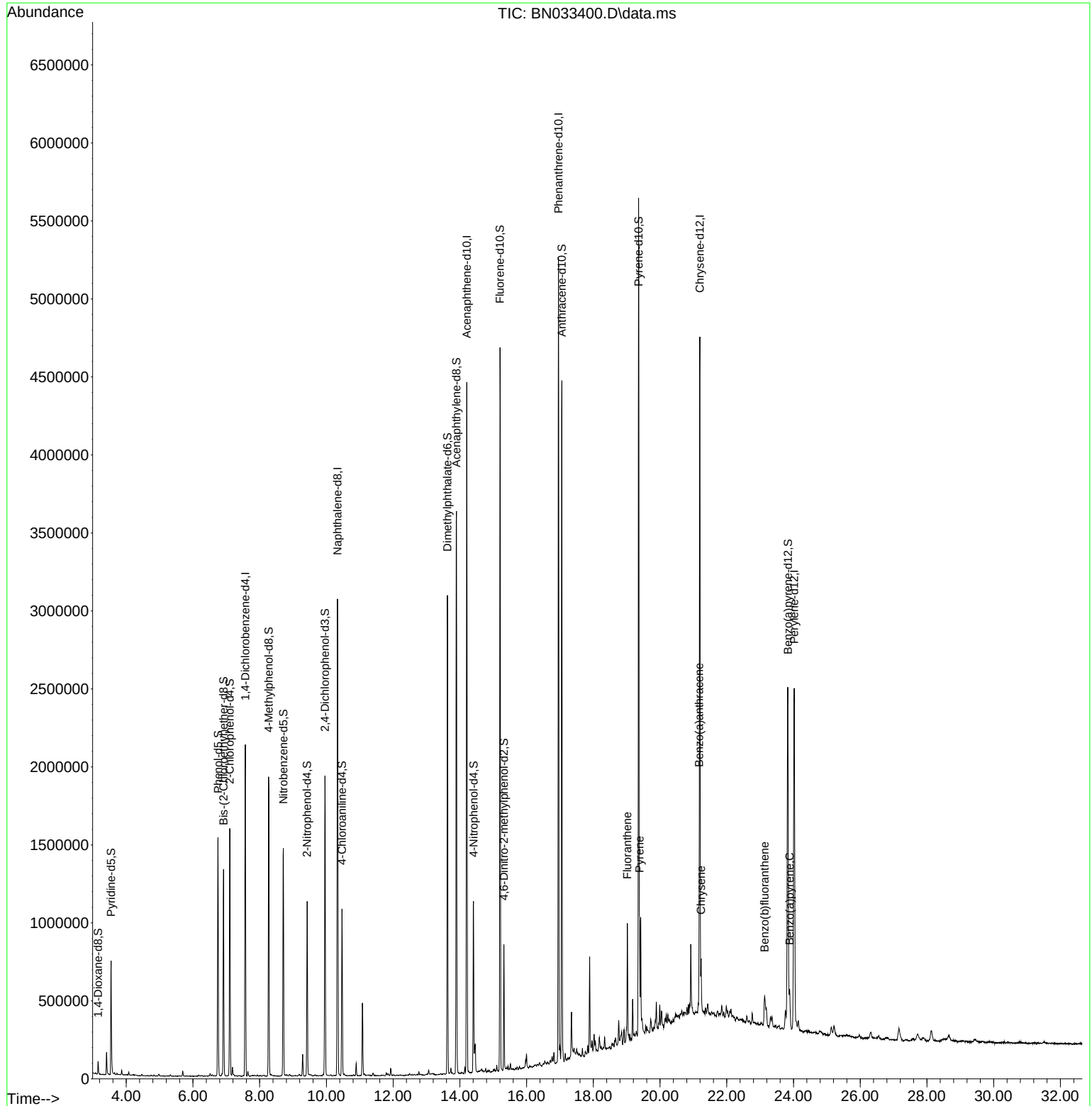
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081524\
Data File : BN033400.D
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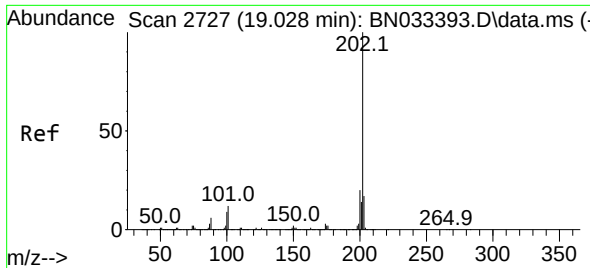
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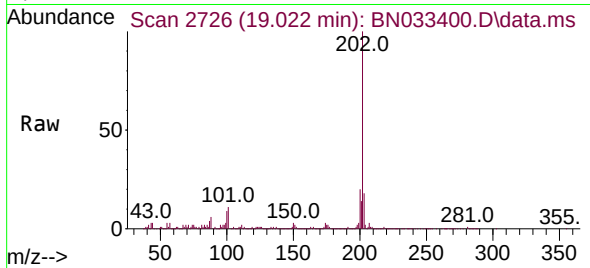
Quant Time: Aug 16 00:11:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 02:12:11 2024
Response via : Initial Calibration





#80
Fluoranthene
Concen: 3.219 ng/u1
RT: 19.022 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN033400.D
Acq: 15 Aug 2024 14:58

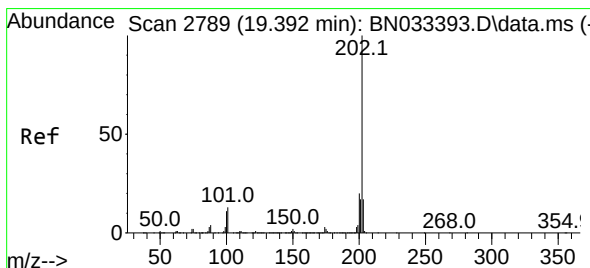
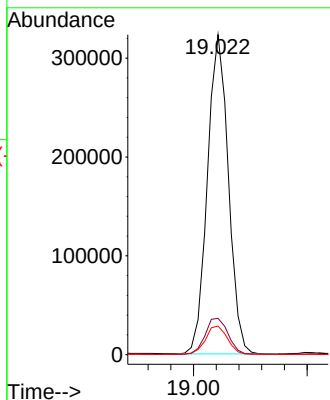
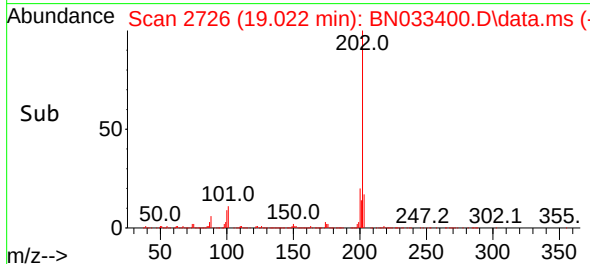
Instrument :
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E0AE8



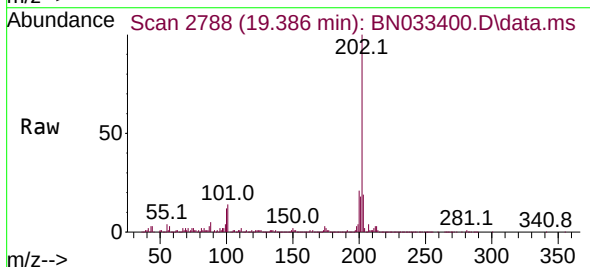
Tgt Ion:202 Resp: 413672
Ion Ratio Lower Upper
202 100
101 11.4 9.9 14.9
100 8.9 7.5 11.3

Manual Integrations
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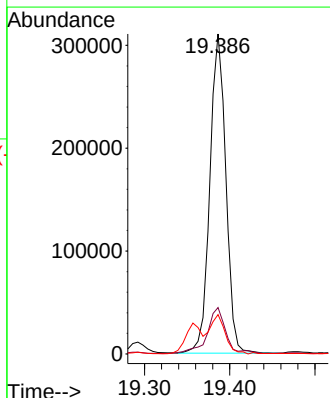
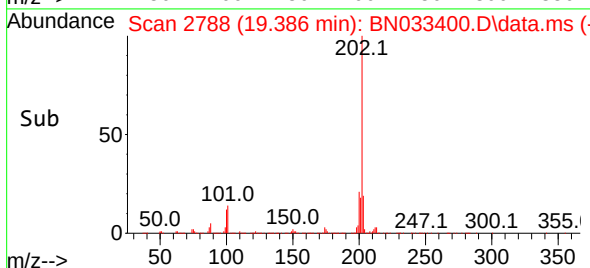
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

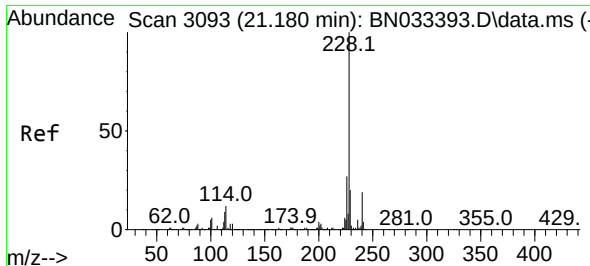


#82
Pyrene
Concen: 2.910 ng/u1
RT: 19.386 min Scan# 2788
Delta R.T. -0.006 min
Lab File: BN033400.D
Acq: 15 Aug 2024 14:58



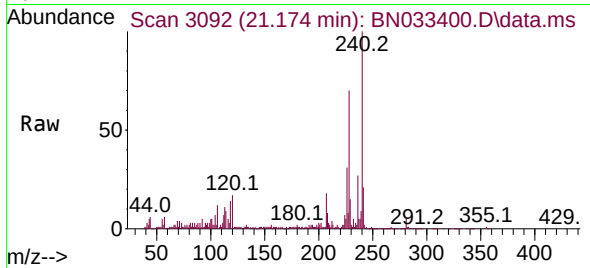
Tgt Ion:202 Resp: 405222
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 12.3 9.6 14.4





#85
Benzo(a)anthracene
Concen: 1.772 ng/ul m
RT: 21.174 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BN033400.D
Acq: 15 Aug 2024 14:58

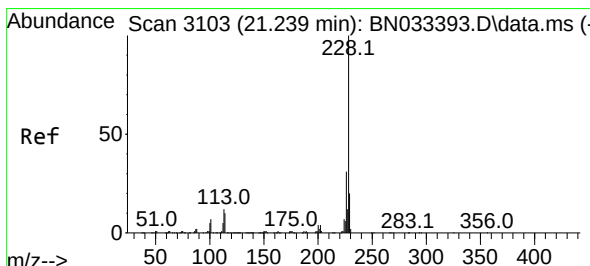
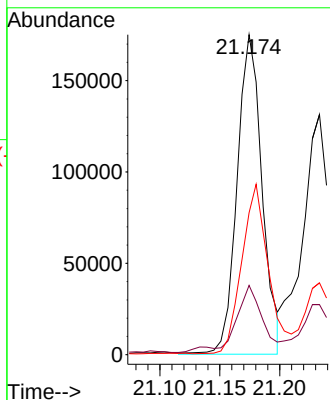
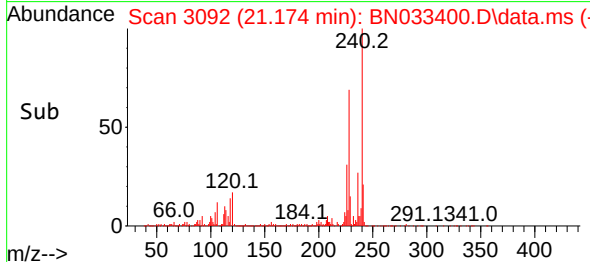
Instrument :
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E0AE8



Tgt Ion:228 Resp: 25370
Ion Ratio Lower Upper
228 100
229 21.7 16.6 25.0
226 44.4 21.3 31.9

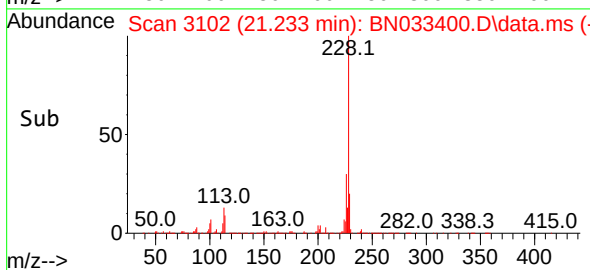
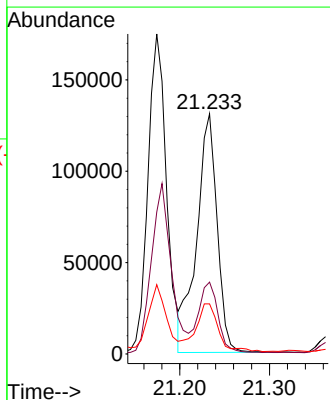
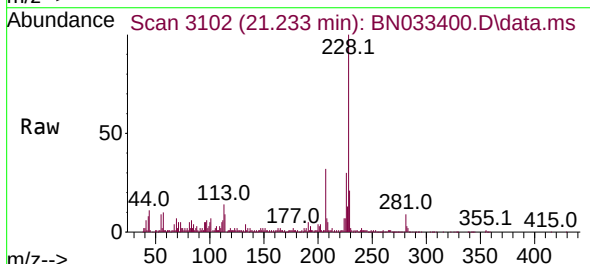
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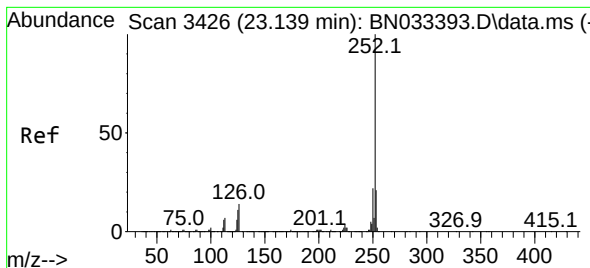
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#87
Chrysene
Concen: 1.543 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BN033400.D
Acq: 15 Aug 2024 14:58

Tgt Ion:228 Resp: 207749
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 20.8 15.9 23.9





#90

Benzo(b)fluoranthene

Concen: 1.983 ng/u1

RT: 23.133 min Scan# 3426

Delta R.T. -0.006 min

Lab File: BN033400.D

Acq: 15 Aug 2024 14:58

Instrument :

BNA_N

ClientSampleId :

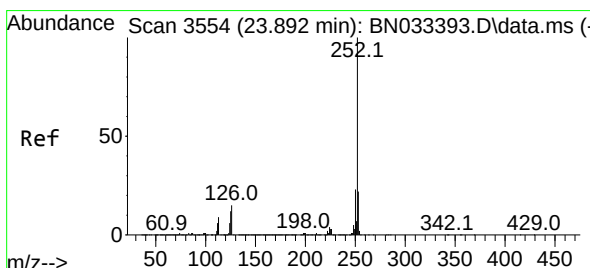
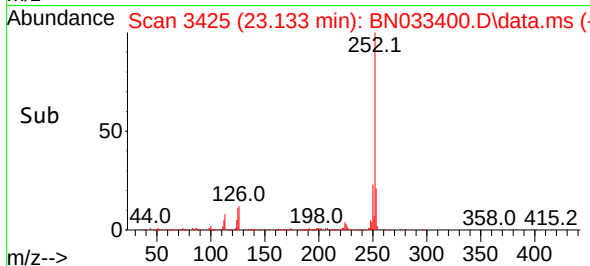
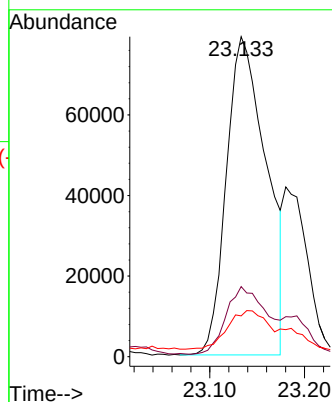
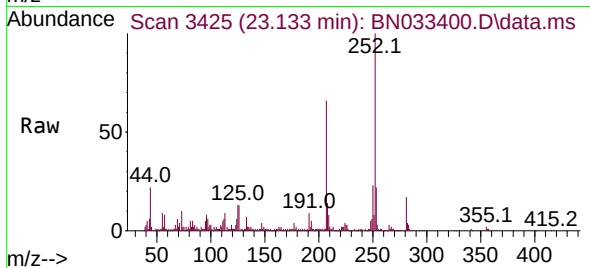
E0AE8

Tgt Ion:252 Resp: 23116
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.6 27.8
 125 12.8 9.7 14.5

Manual Integrations

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 Supervised By :mohammad ahmed 08/17/2024



#93

Benzo(a)pyrene

Concen: 1.701 ng/u1

RT: 23.886 min Scan# 3553

Delta R.T. -0.012 min

Lab File: BN033400.D

Acq: 15 Aug 2024 14:58

Tgt Ion:252 Resp: 187926
 Ion Ratio Lower Upper
 252 100
 253 21.8 16.6 24.8
 125 13.6 9.6 14.4

