

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032102.D
 Acq On : 20 Jun 2024 18:40
 Operator : MA/JU
 Sample : P2710-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B27

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 21 02:18:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	325170	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1577938	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	1094698	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	2199800	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1626743	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1468910	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	31608	4.021	ng/uL	0.00
4) Pyridine-d5	3.564	84	453908	20.515	ng/u1	0.00
7) Phenol-d5	6.816	99	683667	24.525	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	378813	23.232	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	587450	27.619	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	606701	26.699	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	304834	25.266	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	334208	26.816	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	594348	25.545	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	855809	24.773	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1953857	25.620	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	2230226	25.433	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	303846	19.899	ng/u1	0.00
60) Fluorene-d10	15.281	176	1644092	25.479	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	255944	23.147	ng/u1	0.00
73) Anthracene-d10	17.128	188	2368744	25.152	ng/u1	0.00
81) Pyrene-d10	19.427	212	2618209	30.077	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1794463	25.584	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.075	178	482039	4.302	ng/u1	99
80) Fluoranthene	19.092	202	500242	4.808	ng/u1	97
82) Pyrene	19.457	202	546489	5.120	ng/u1	97
85) Benzo(a)anthracene	21.245	228	191348	1.757	ng/u1	97
87) Chrysene	21.304	228	206155m	2.027	ng/u1	
90) Benzo(b)fluoranthene	23.257	252	155013	1.766	ng/u1	96
93) Benzo(a)pyrene	24.033	252	125773	1.529	ng/u1	95

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

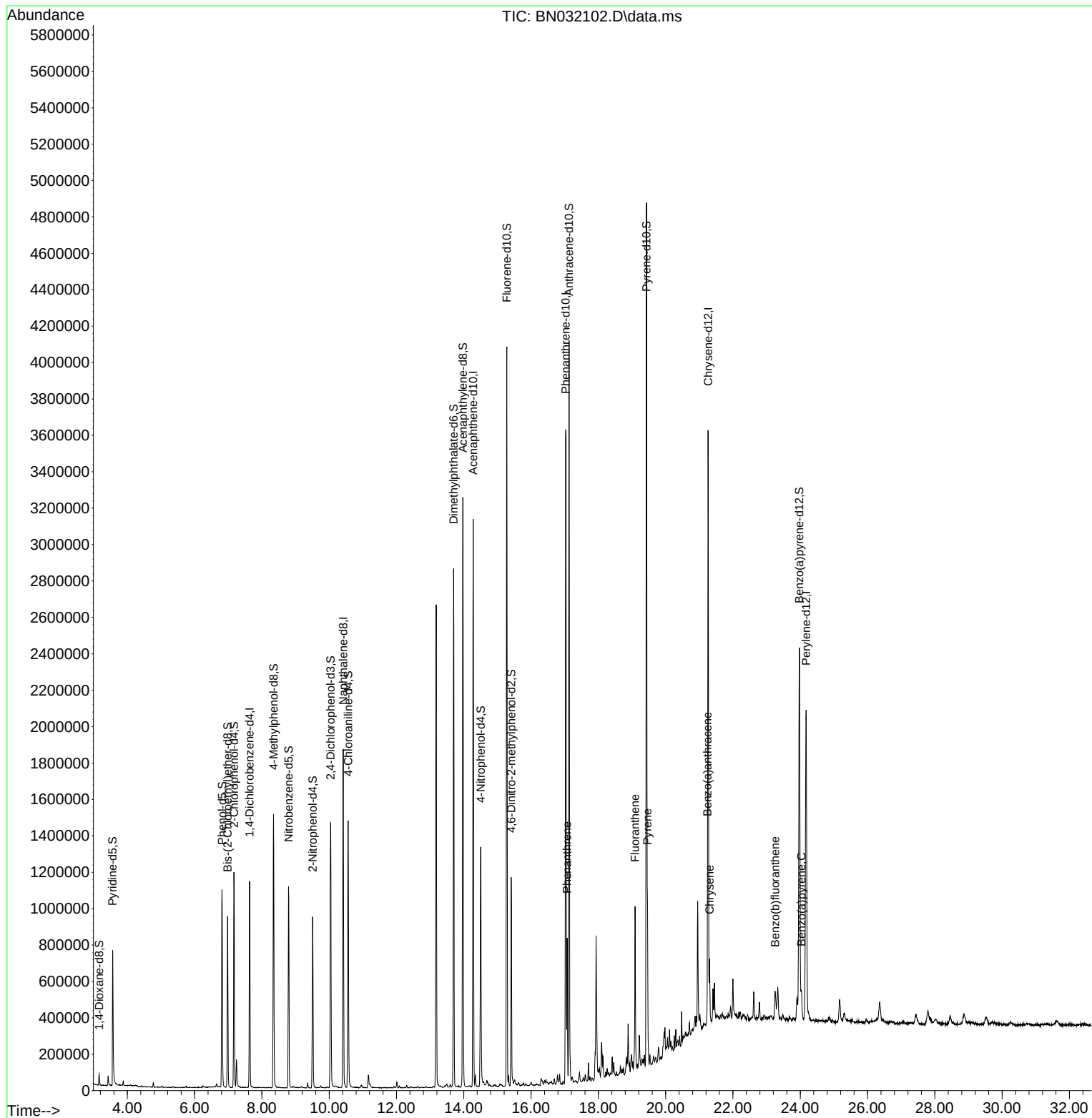
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032102.D
Acq On : 20 Jun 2024 18:40
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Sample : P2710-06
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ALS Vial : 10 Sample Multiplier: 1

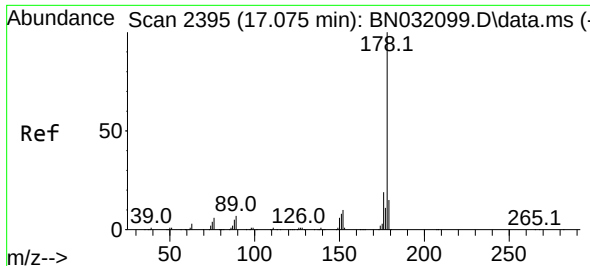
Instrument :
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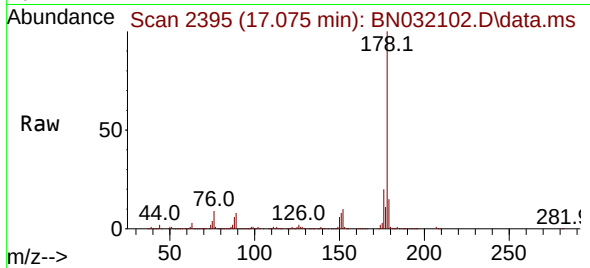
Quant Time: Jun 21 02:18:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 4.302 ng/ul
RT: 17.075 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN032102.D
Acq: 20 Jun 2024 18:40

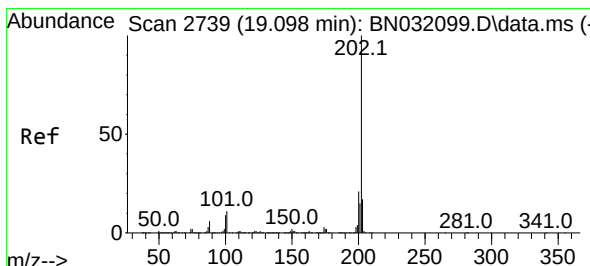
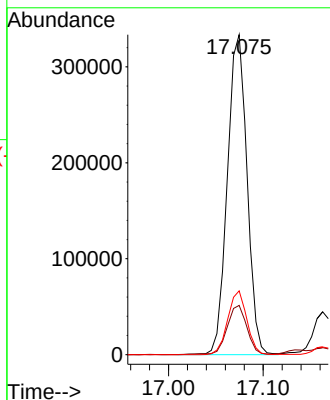
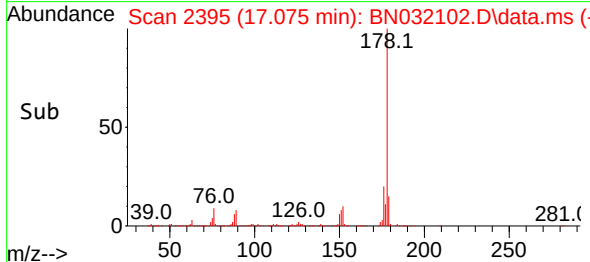
Instrument :
BNA_N
ClientSampleId :
A4B27



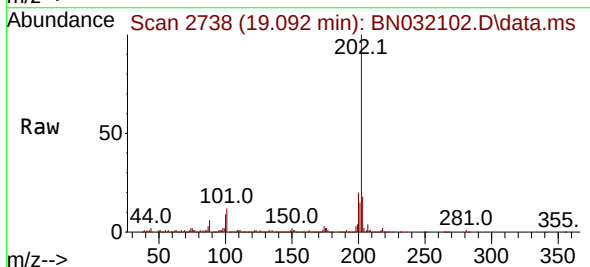
Tgt Ion:178 Resp: 482039
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.9 15.8 23.6

Manual Integrations
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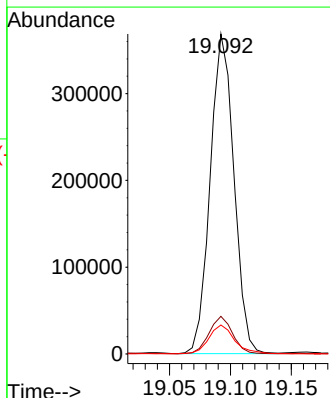
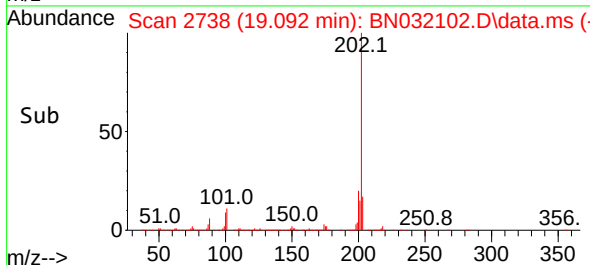
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Supervised By :mohammad ahmed 06/21/2024

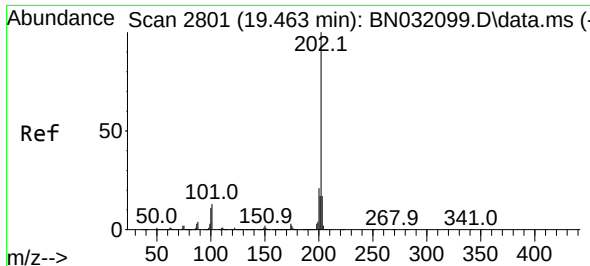


#80
Fluoranthene
Concen: 4.808 ng/ul
RT: 19.092 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BN032102.D
Acq: 20 Jun 2024 18:40



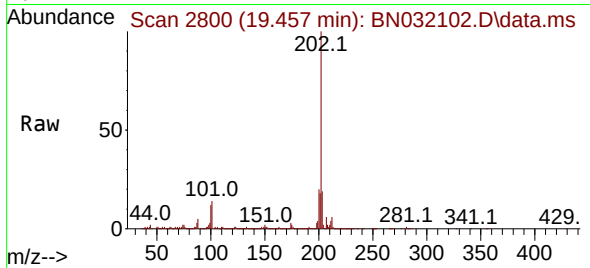
Tgt Ion:202 Resp: 500242
Ion Ratio Lower Upper
202 100
101 11.8 10.3 15.5
100 9.1 8.0 12.0





#82
Pyrene
Concen: 5.120 ng/ul
RT: 19.457 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN032102.D
Acq: 20 Jun 2024 18:40

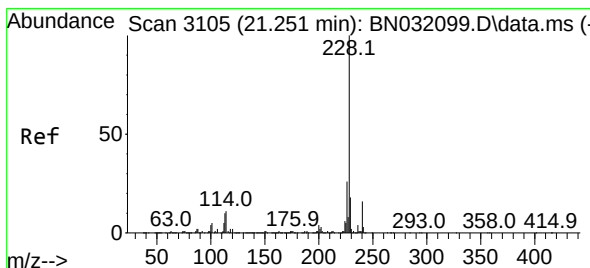
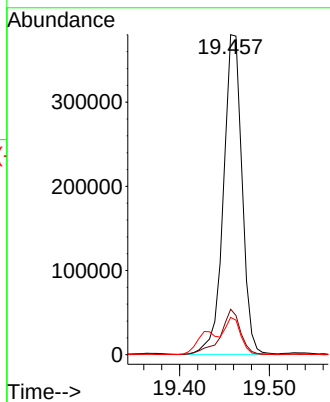
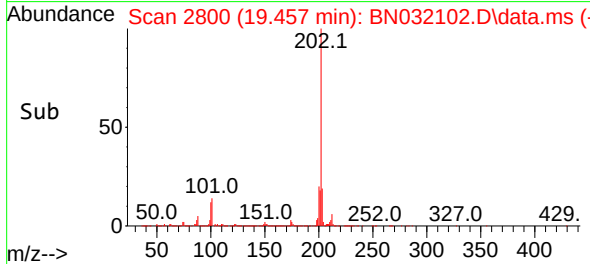
Instrument :
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ClientSampleId :
A4B27



Tgt Ion:202 Resp: 546489
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.7 10.2 15.2

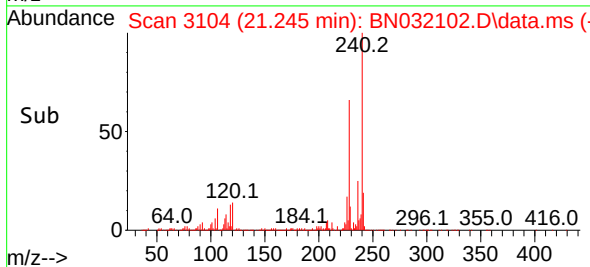
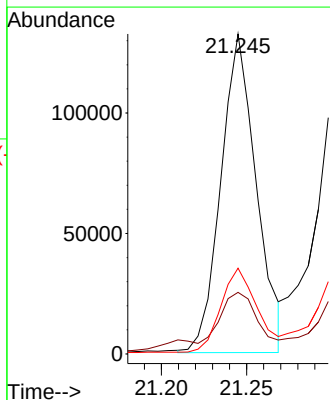
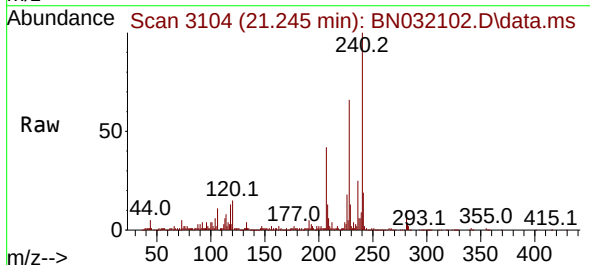
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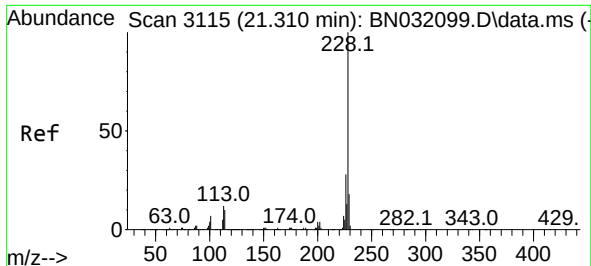
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#85
Benzo(a)anthracene
Concen: 1.757 ng/ul
RT: 21.245 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BN032102.D
Acq: 20 Jun 2024 18:40

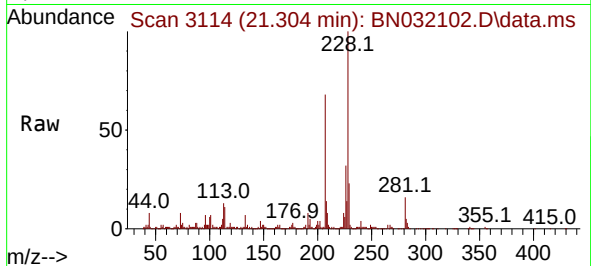
Tgt Ion:228 Resp: 191348
Ion Ratio Lower Upper
228 100
229 19.3 16.7 25.1
226 26.8 22.8 34.2





#87
Chrysene
Concen: 2.027 ng/ul m
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BN032102.D
Acq: 20 Jun 2024 18:40

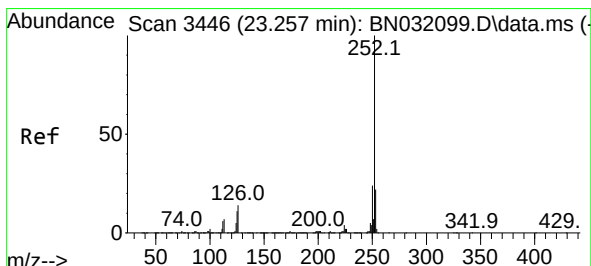
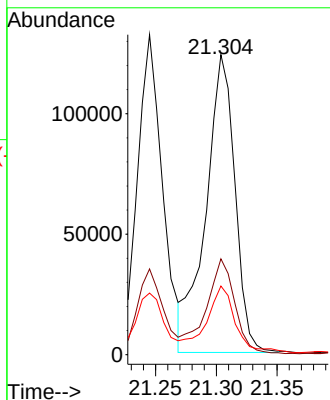
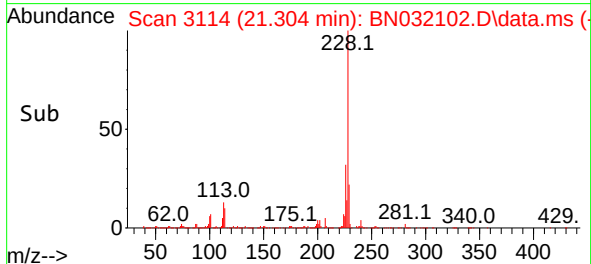
Instrument :
BNA_N
ClientSampleId :
A4B27



Tgt Ion:228 Resp: 20615
Ion Ratio Lower Upper
228 100
226 31.9 23.7 35.5
229 22.9 15.1 22.7

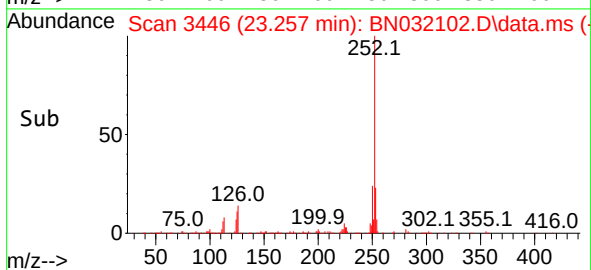
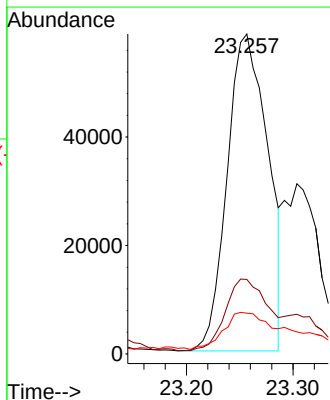
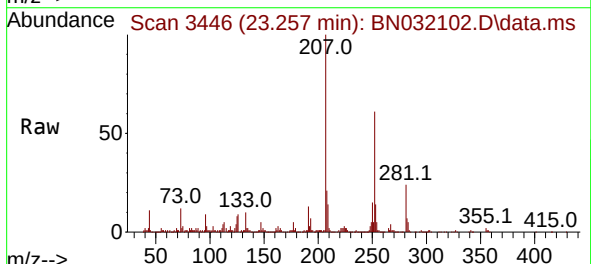
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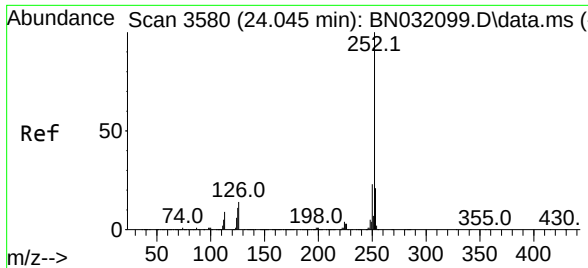
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#90
Benzo(b)fluoranthene
Concen: 1.766 ng/ul
RT: 23.257 min Scan# 3446
Delta R.T. -0.006 min
Lab File: BN032102.D
Acq: 20 Jun 2024 18:40

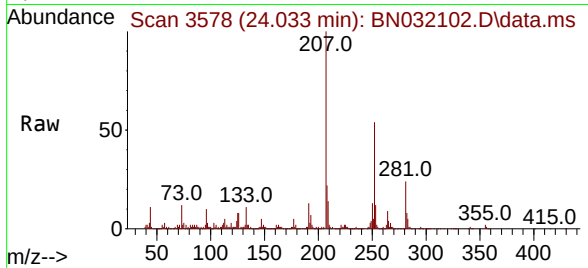
Tgt Ion:252 Resp: 155013
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 12.8 9.2 13.8





#93
 Benzo(a)pyrene
 Concen: 1.529 ng/ul
 RT: 24.033 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN032102.D
 Acq: 20 Jun 2024 18:40

Instrument :
 BNA_N
 ClientSampleId :
 A4B27



Tgt Ion:252 Resp: 12577
 Ion Ratio Lower Upper
 252 100
 253 23.1 16.6 24.8
 125 14.2 9.8 14.8

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