

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031695.D
 Acq On : 29 May 2024 18:00
 Operator : MA/JU
 Sample : P2569-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH646

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 18:42:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	350357	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1621947	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1085658	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.068	188	2260165	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	2118483	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2184570	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	32934	3.889	ng/uL	0.00
4) Pyridine-d5	3.599	84	362082	15.188	ng/u1	0.00
7) Phenol-d5	6.851	99	658544	21.926	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	409775	23.324	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	517576	22.584	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	404161	16.508	ng/u1	0.00
21) Nitrobenzene-d5	8.839	128	264618	21.338	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	260873	20.364	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.086	165	504549	21.097	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	616798	17.370	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	1775308	23.473	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2017654	23.200	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	251541	16.610	ng/u1	-0.01
60) Fluorene-d10	15.316	176	1564407	24.446	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	163096	14.356	ng/u1	0.00
73) Anthracene-d10	17.168	188	2353740	24.325	ng/u1	0.00
81) Pyrene-d10	19.462	212	3006280	26.519	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	2651896	25.422	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.110	178	400700	3.480	ng/u1	98
80) Fluoranthene	19.127	202	1314792	9.705	ng/u1	99
82) Pyrene	19.492	202	1244833	8.955	ng/u1	99
85) Benzo(a)anthracene	21.280	228	738407	5.207	ng/u1	98
87) Chrysene	21.339	228	739846	5.586	ng/u1	97
90) Benzo(b)fluoranthene	23.309	252	892076	6.832	ng/u1	96
91) Benzo(k)fluoranthene	23.356	252	331986m	2.591	ng/u1	
93) Benzo(a)pyrene	24.097	252	585602	4.788	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.515	276	354406m	2.515	ng/u1	
96) Benzo(g,h,i)perylene	28.550	276	317730	2.836	ng/u1	99

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

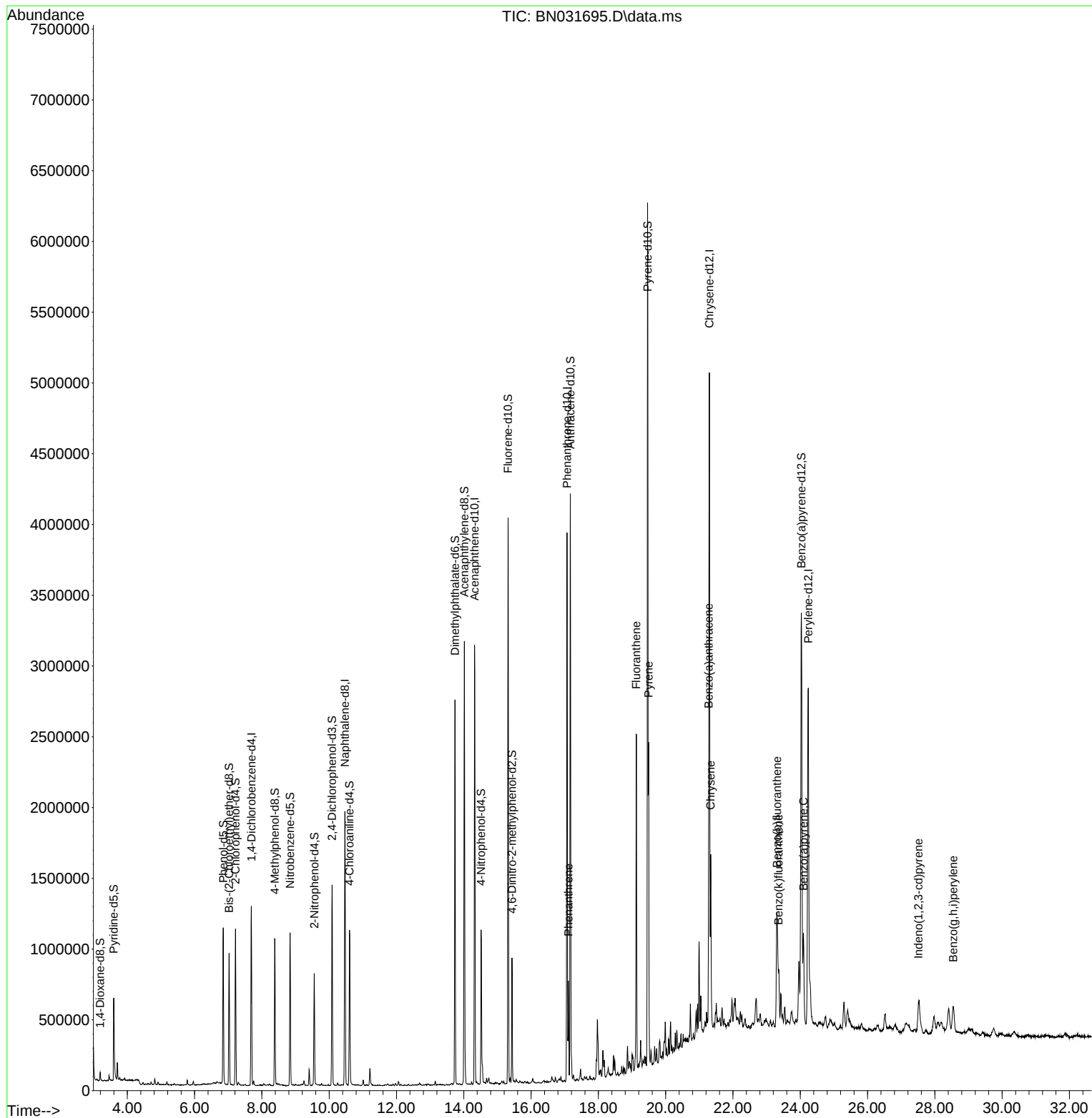
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031695.D
 Acq On : 29 May 2024 18:00
 Operator : MA/JU
 Sample : P2569-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

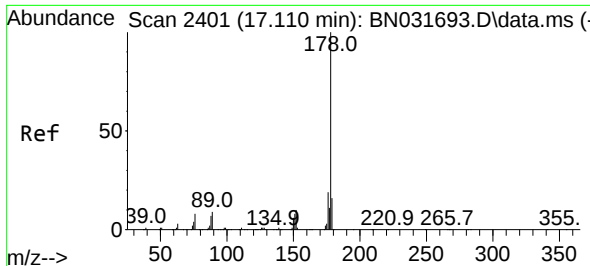
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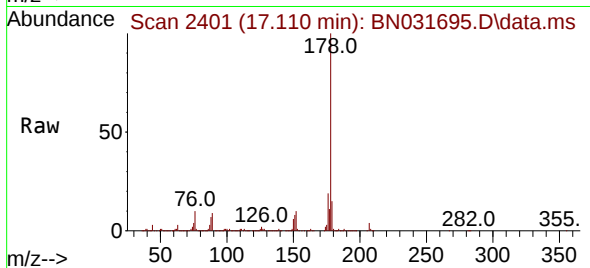
Quant Time: May 29 18:42:03 2024
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 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 3.480 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031695.D
Acq: 29 May 2024 18:00

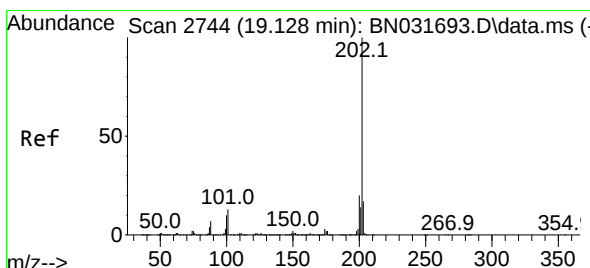
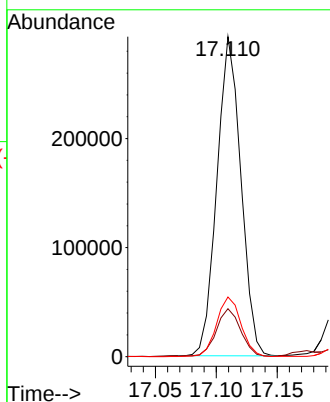
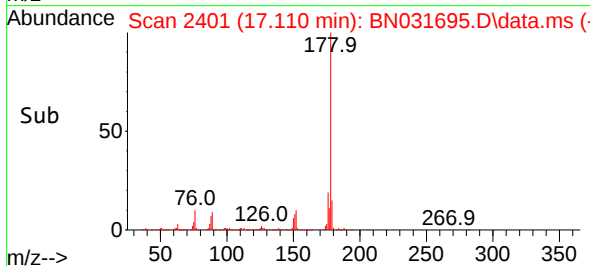
Instrument : BNA_N
ClientSampleId : BH646



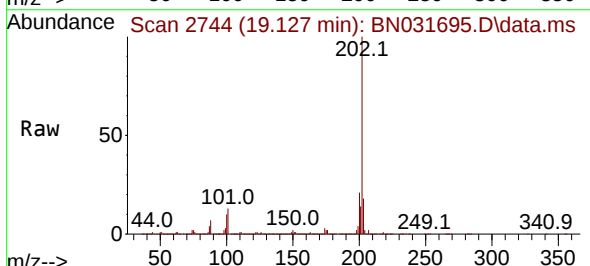
Tgt Ion:178 Resp: 400700
Ion Ratio Lower Upper
178 100
179 15.0 12.6 19.0
176 18.7 15.8 23.6

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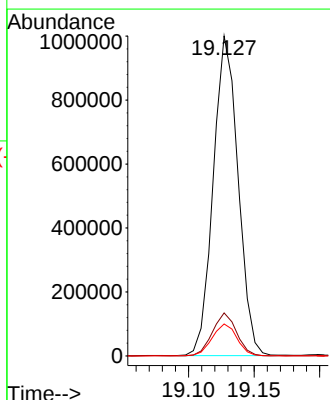
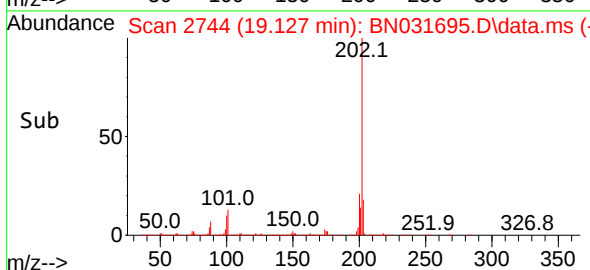
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

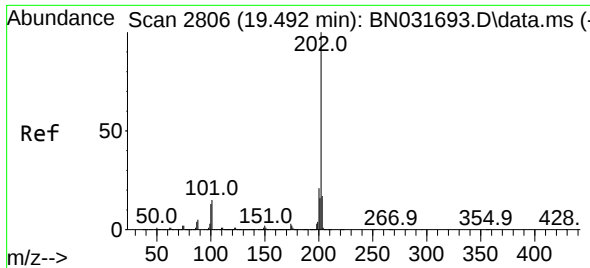


#80
Fluoranthene
Concen: 9.705 ng/ul
RT: 19.127 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031695.D
Acq: 29 May 2024 18:00



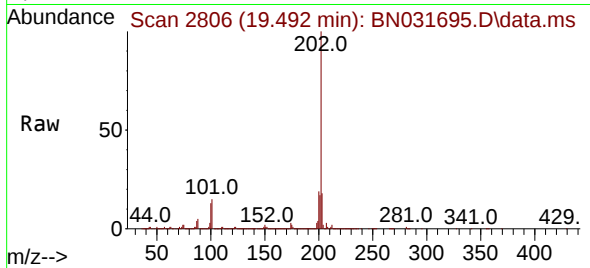
Tgt Ion:202 Resp: 1314792
Ion Ratio Lower Upper
202 100
101 13.5 10.3 15.5
100 10.0 8.0 12.0





#82
 Pyrene
 Concen: 8.955 ng/ul
 RT: 19.492 min Scan# 2110
 Delta R.T. -0.000 min
 Lab File: BN031695.D
 Acq: 29 May 2024 18:00

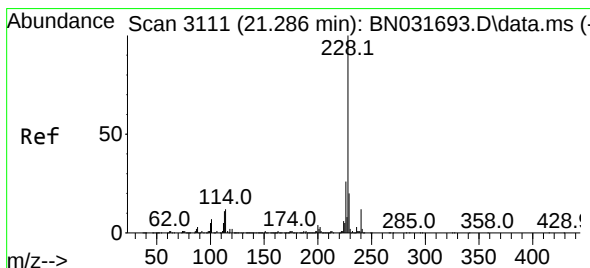
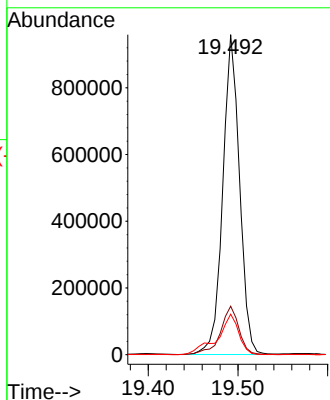
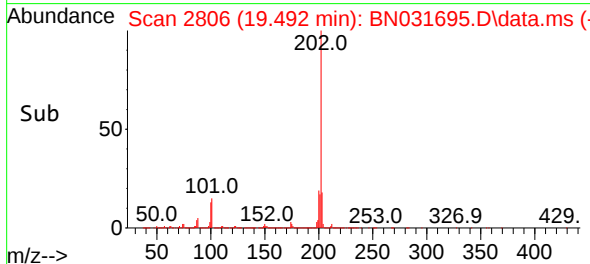
Instrument :
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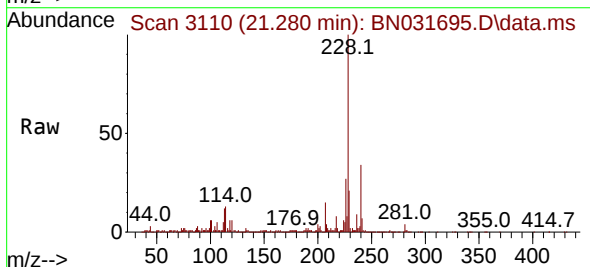
Tgt Ion:202 Resp: 1244833
 Ion Ratio Lower Upper
 202 100
 101 15.2 12.6 18.8
 100 12.7 10.2 15.2

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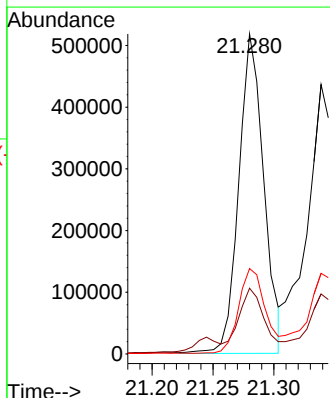
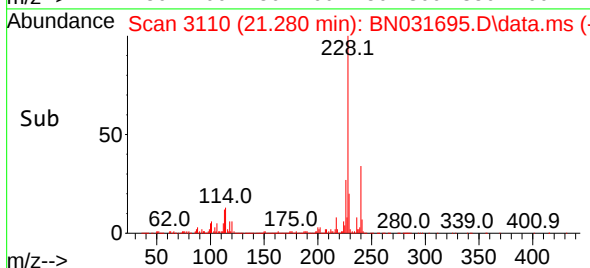
Reviewed By :Jagrut Upadhyay 05/30/2024
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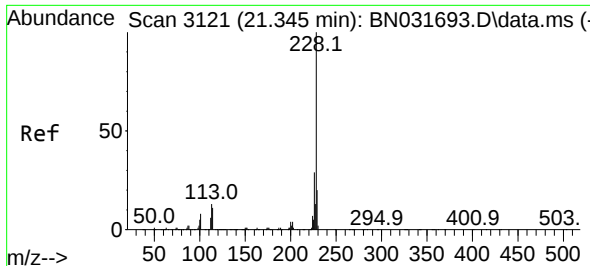


#85
 Benzo(a)anthracene
 Concen: 5.207 ng/ul
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BN031695.D
 Acq: 29 May 2024 18:00



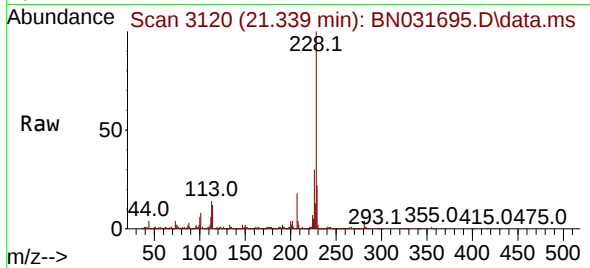
Tgt Ion:228 Resp: 738407
 Ion Ratio Lower Upper
 228 100
 229 20.6 16.7 25.1
 226 26.7 22.8 34.2





#87
Chrysene
Concen: 5.586 ng/u1
RT: 21.339 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BN031695.D
Acq: 29 May 2024 18:00

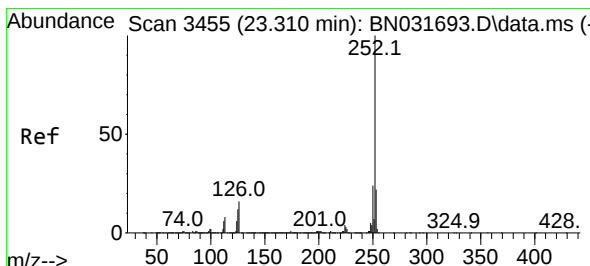
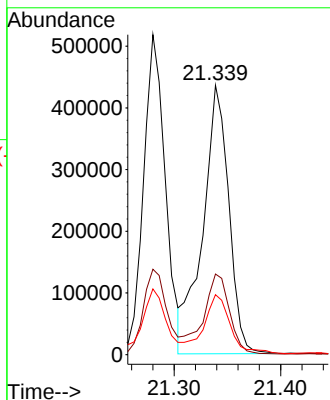
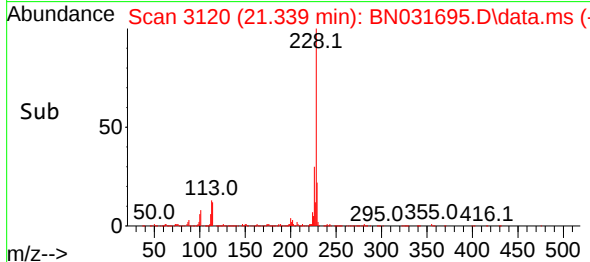
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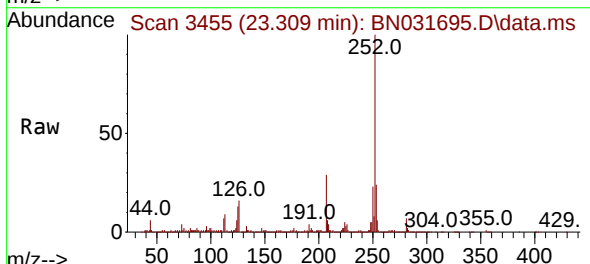
Tgt Ion:228 Resp: 739840
Ion Ratio Lower Upper
228 100
226 29.9 23.7 35.5
229 22.3 15.1 22.7

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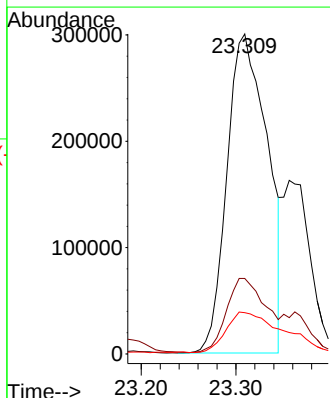
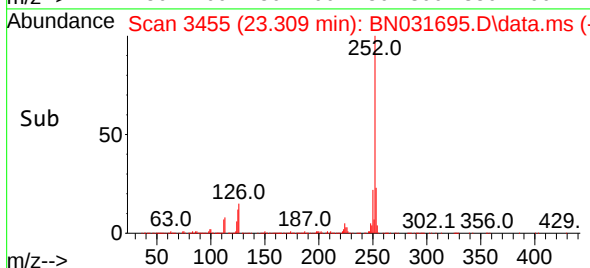
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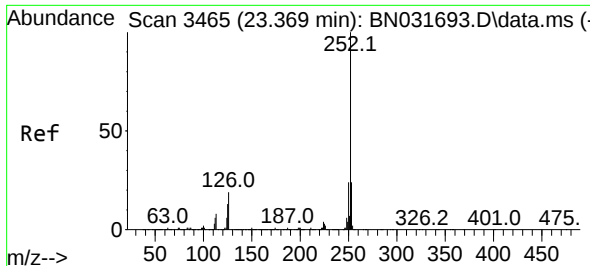


#90
Benzo(b)fluoranthene
Concen: 6.832 ng/u1
RT: 23.309 min Scan# 3455
Delta R.T. -0.000 min
Lab File: BN031695.D
Acq: 29 May 2024 18:00



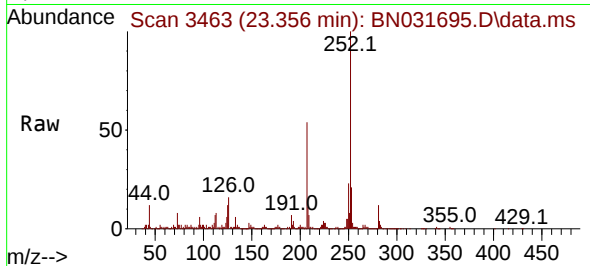
Tgt Ion:252 Resp: 892076
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 12.9 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 2.591 ng/ul m
RT: 23.356 min Scan# 3465
Delta R.T. -0.018 min
Lab File: BN031695.D
Acq: 29 May 2024 18:00

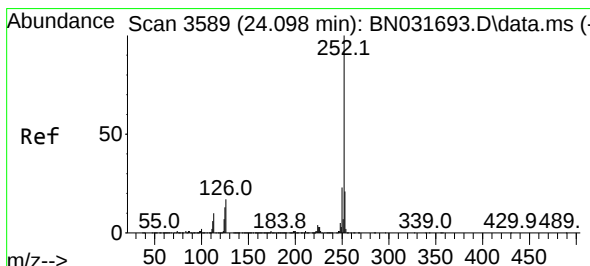
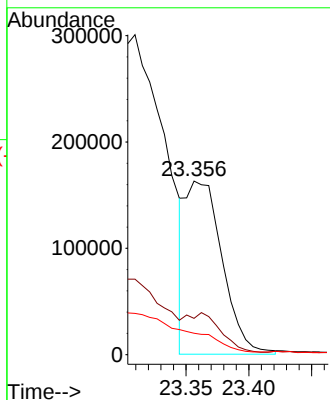
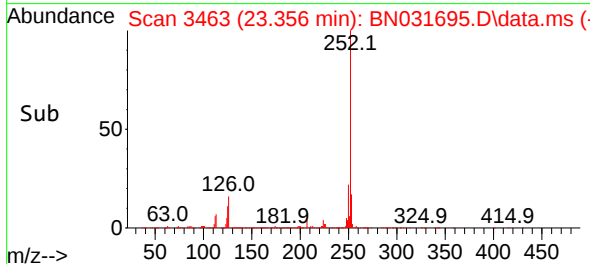
Instrument : BNA_N
ClientSampleId : BH646



Tgt Ion:252 Resp: 331980
Ion Ratio Lower Upper
252 100
253 20.9 17.6 26.4
125 12.3 9.4 14.2

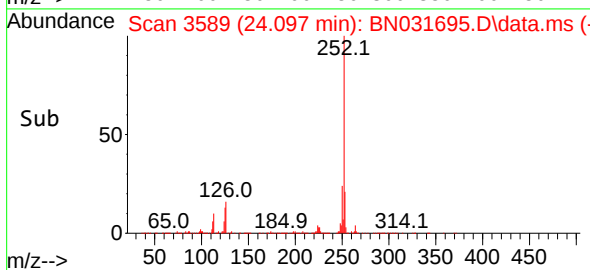
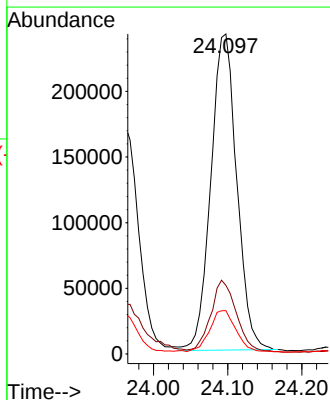
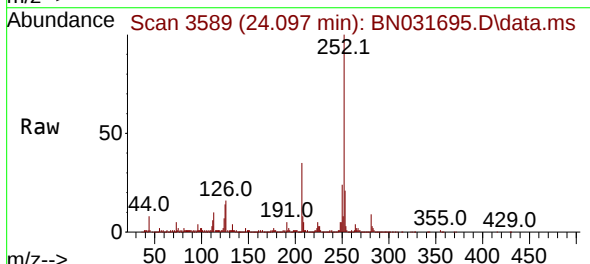
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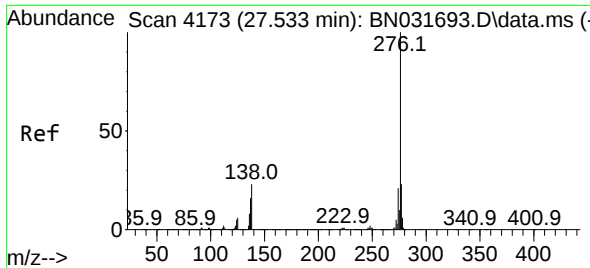
Reviewed By :Jagrut Upadhyay 05/30/2024
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#93
Benzo(a)pyrene
Concen: 4.788 ng/ul
RT: 24.097 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN031695.D
Acq: 29 May 2024 18:00

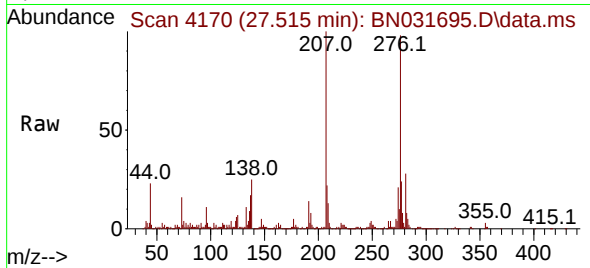
Tgt Ion:252 Resp: 585602
Ion Ratio Lower Upper
252 100
253 21.5 16.6 24.8
125 13.6 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.515 ng/ul m
RT: 27.515 min Scan# 4170
Delta R.T. -0.018 min
Lab File: BN031695.D
Acq: 29 May 2024 18:00

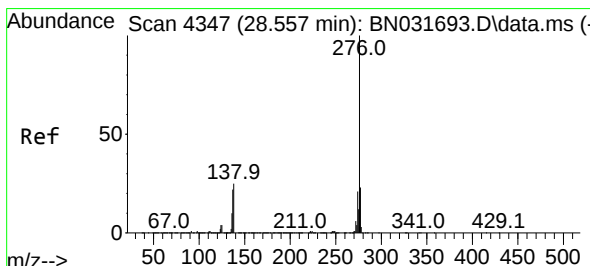
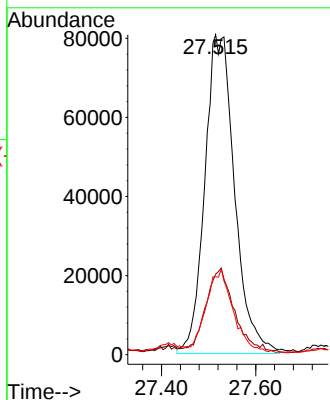
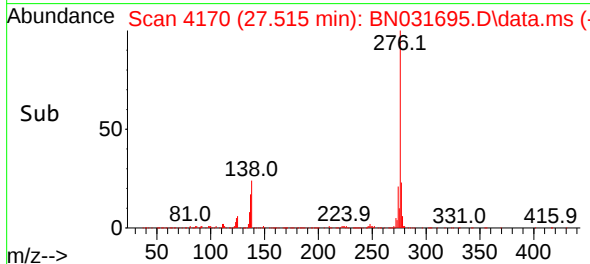
Instrument :
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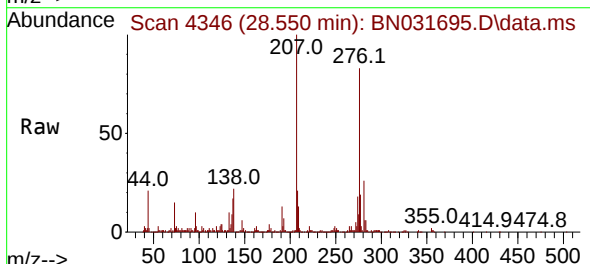
Tgt Ion:276 Resp: 354400
Ion Ratio Lower Upper
276 100
138 25.1 18.1 27.1
277 24.3 18.2 27.2

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 2.836 ng/ul
RT: 28.550 min Scan# 4346
Delta R.T. -0.018 min
Lab File: BN031695.D
Acq: 29 May 2024 18:00



Tgt Ion:276 Resp: 317730
Ion Ratio Lower Upper
276 100
138 26.7 20.9 31.3
277 22.7 18.0 27.0

