

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031647.D
 Acq On : 24 May 2024 00:49
 Operator : MA/JU
 Sample : P2547-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5X0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 01:51:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	525856	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2083324	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1057618	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1757190	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1509347	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1854426	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	47204	3.558	ng/uL	0.00
4) Pyridine-d5	3.599	84	655553	17.707	ng/u1	0.00
7) Phenol-d5	6.852	99	889908	20.558	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	540587	20.822	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	705966	21.165	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	671638	20.042	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	335219	21.261	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	319490	21.220	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	579516	19.685	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	876331	20.651	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1499952	22.504	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	1864036	22.314	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	204888	16.247	ng/u1	0.00
60) Fluorene-d10	15.322	176	1229458	21.285	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	97024	12.771	ng/u1	0.00
73) Anthracene-d10	17.169	188	1629804	21.910	ng/u1	0.00
81) Pyrene-d10	19.463	212	1808925	19.107	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	2000541	22.918	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.116	178	576421	6.464	ng/u1	98
74) Anthracene	17.204	178	127950	1.430	ng/u1	97
80) Fluoranthene	19.133	202	823043	7.033	ng/u1	99
82) Pyrene	19.492	202	719342	5.994	ng/u1	97
85) Benzo(a)anthracene	21.280	228	375388	3.698	ng/u1	98
87) Chrysene	21.345	228	324124	3.457	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	407425	3.765	ng/u1	96
91) Benzo(k)fluoranthene	23.369	252	161826m	1.467	ng/u1	
93) Benzo(a)pyrene	24.092	252	321254	3.090	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.533	276	198890	1.594	ng/u1	98
96) Benzo(g,h,i)perylene	28.551	276	188189	1.826	ng/u1	96

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

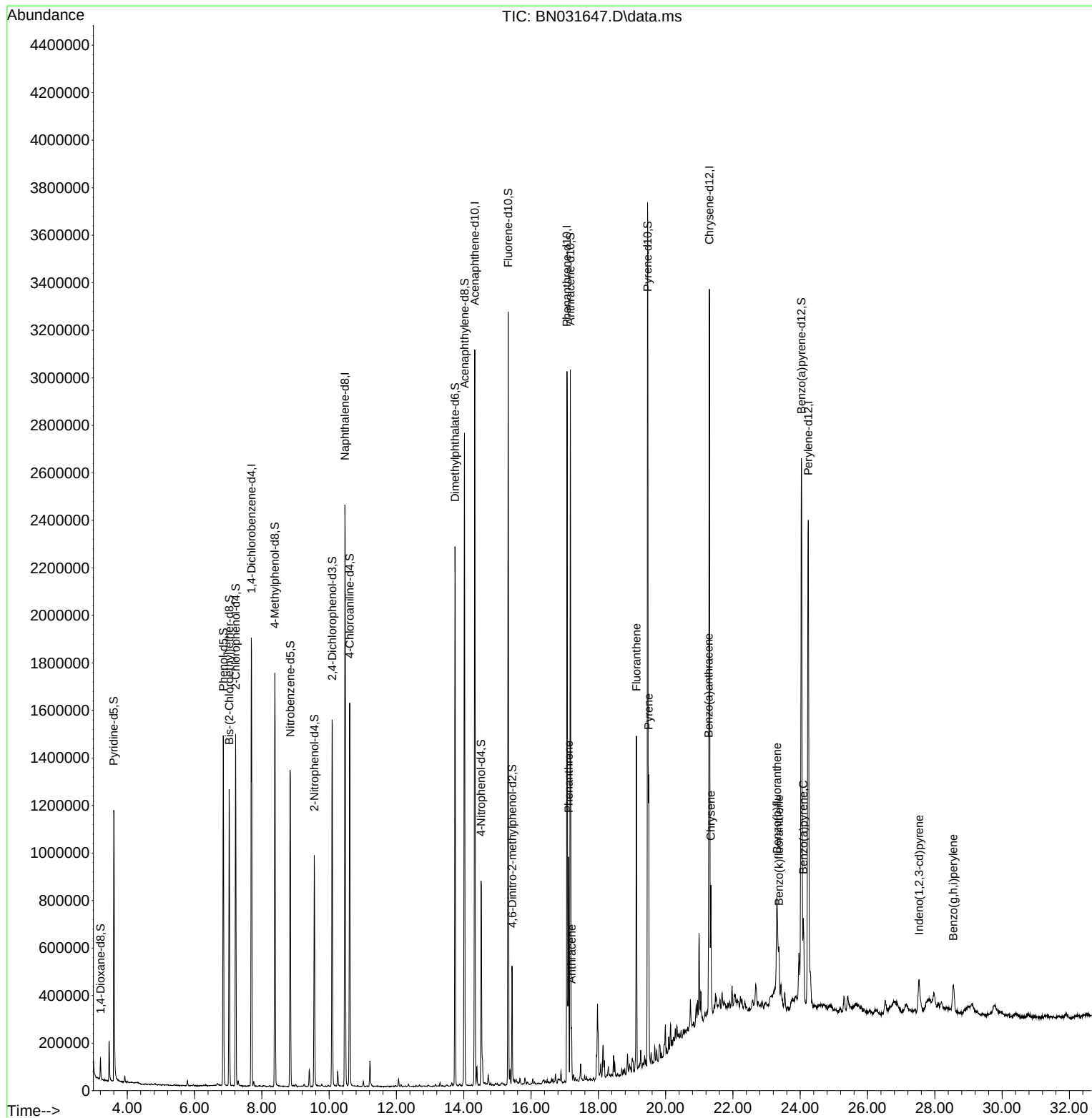
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031647.D
Acq On : 24 May 2024 00:49
Operator : MA/JU
Sample : P2547-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

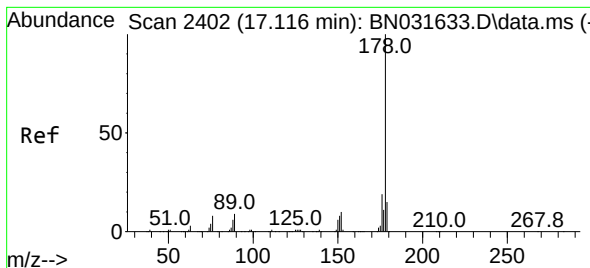
Instrument :
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Quant Time: May 24 01:51:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 6.464 ng/ul

RT: 17.116 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BN031647.D

Acq: 24 May 2024 00:49

Instrument :

BNA_N

ClientSampleId :

BH5X0

Tgt Ion:178 Resp: 57642

Ion Ratio Lower Upper

178 100

179 14.5 12.6 18.8

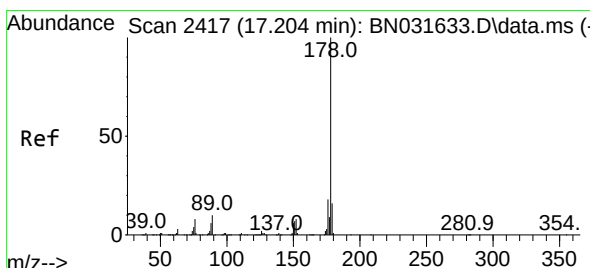
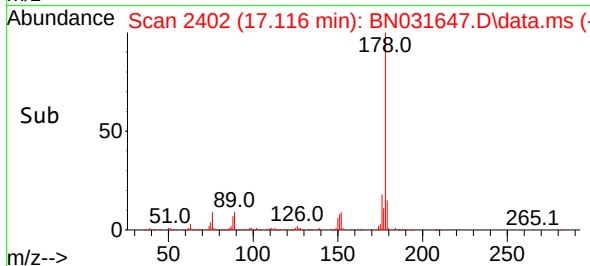
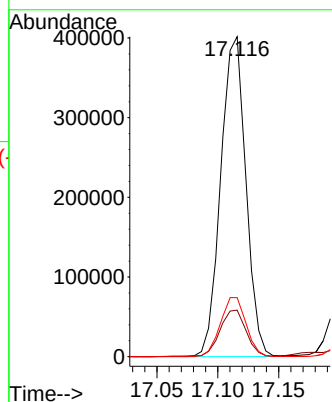
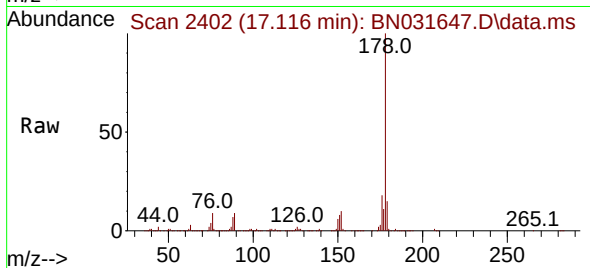
176 18.4 15.2 22.8

Manual Integrations

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#74

Anthracene

Concen: 1.430 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BN031647.D

Acq: 24 May 2024 00:49

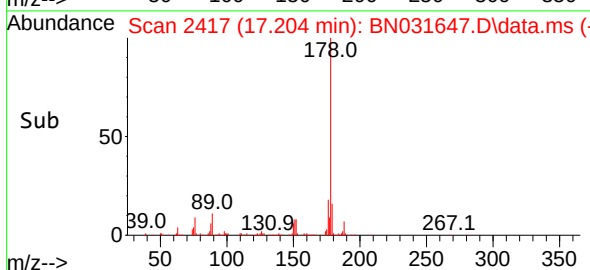
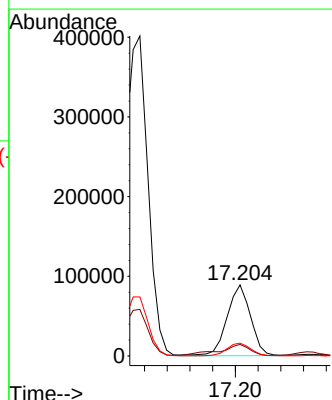
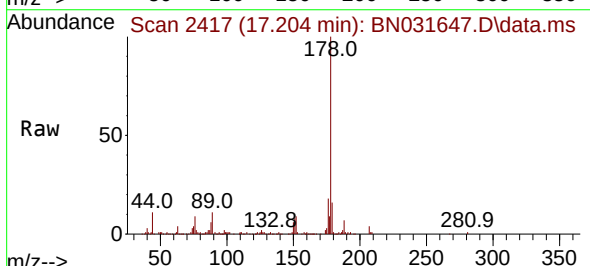
Tgt Ion:178 Resp: 127950

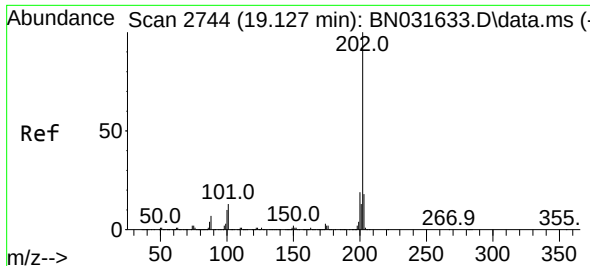
Ion Ratio Lower Upper

178 100

179 16.1 11.9 17.9

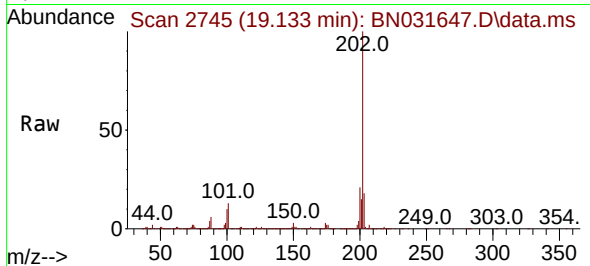
176 18.1 15.4 23.2





#80
Fluoranthene
Concen: 7.033 ng/ul
RT: 19.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031647.D
Acq: 24 May 2024 00:49

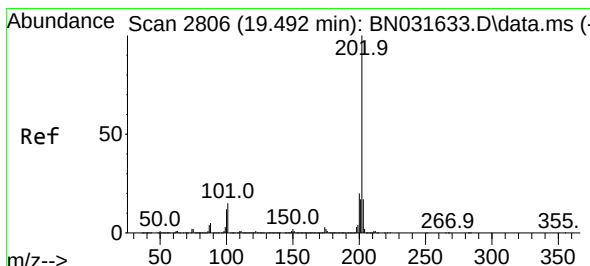
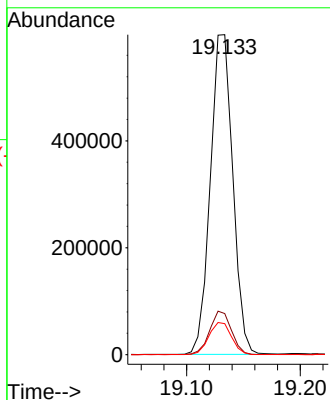
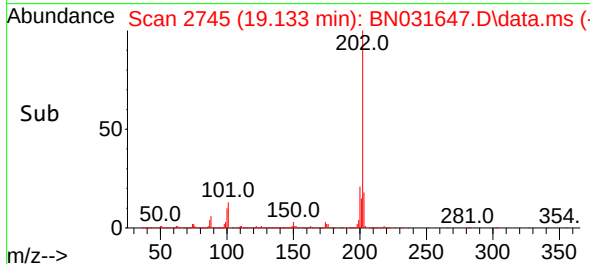
Instrument :
BNA_N
ClientSampleId :
BH5X0



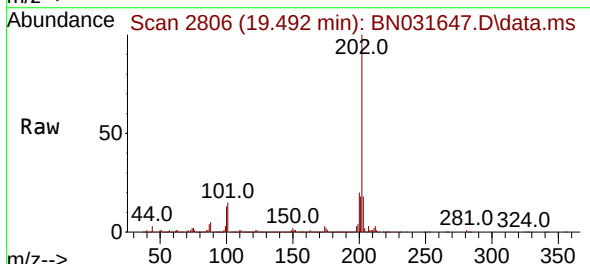
Tgt Ion:202 Resp: 82304
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 9.7 8.0 12.0

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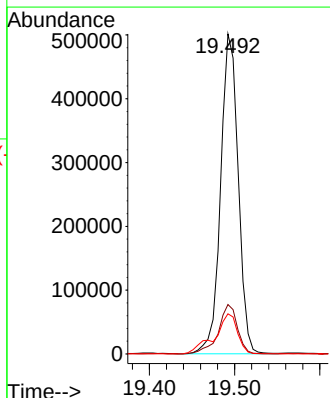
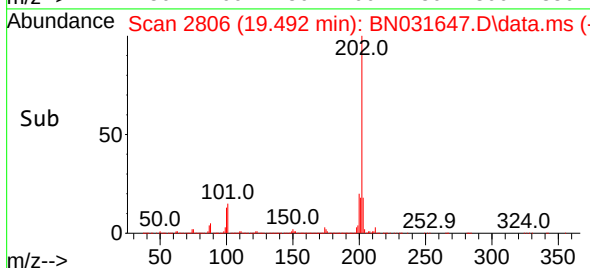
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

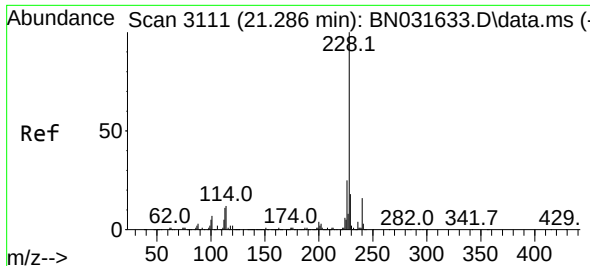


#82
Pyrene
Concen: 5.994 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BN031647.D
Acq: 24 May 2024 00:49



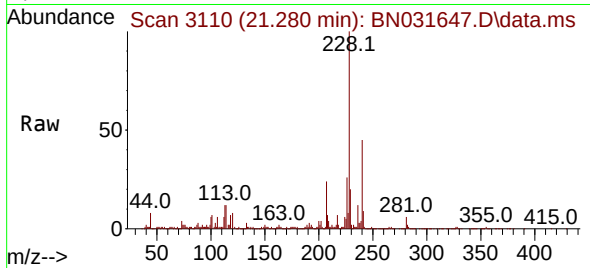
Tgt Ion:202 Resp: 719342
Ion Ratio Lower Upper
202 100
101 15.4 11.4 17.2
100 12.6 9.3 13.9





#85
Benzo(a)anthracene
Concen: 3.698 ng/ul
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BN031647.D
Acq: 24 May 2024 00:49

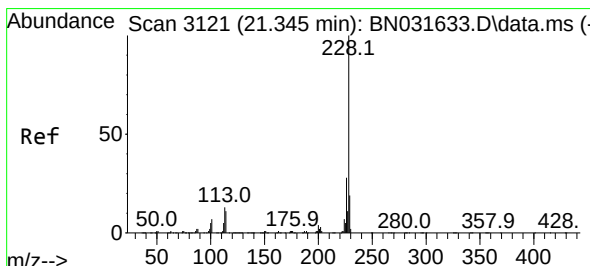
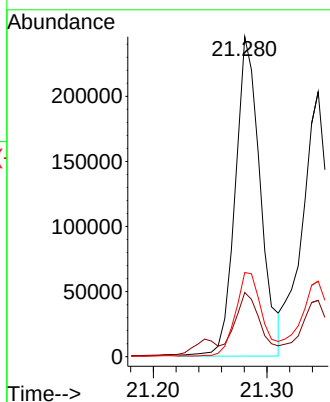
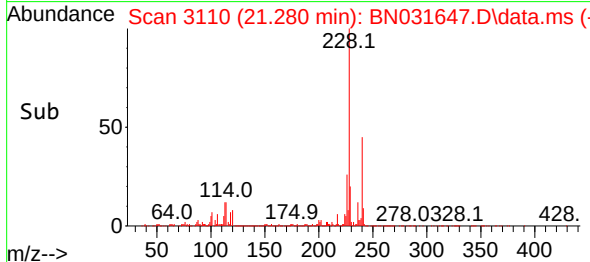
Instrument :
BNA_N
ClientSampleId :
BH5X0



Tgt Ion:228 Resp: 375388
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 26.3 21.9 32.9

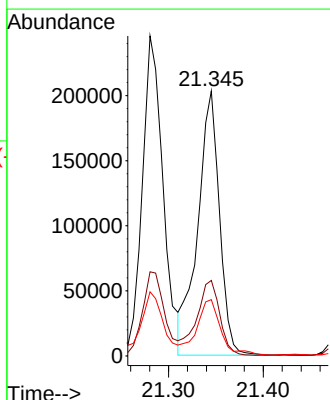
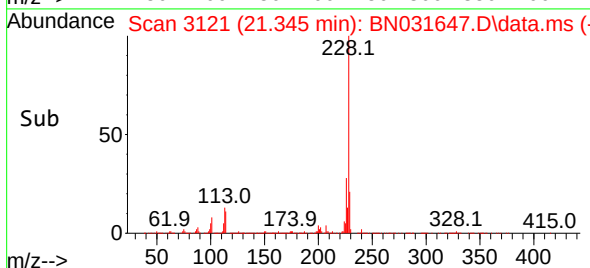
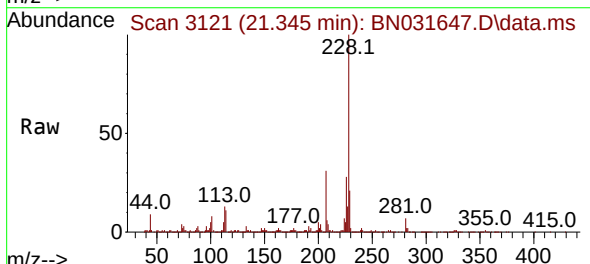
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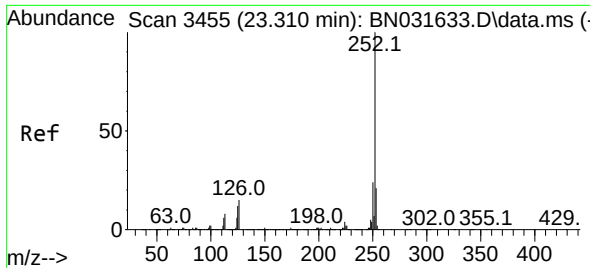
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#87
Chrysene
Concen: 3.457 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BN031647.D
Acq: 24 May 2024 00:49

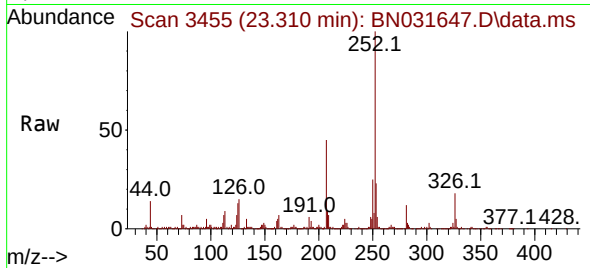
Tgt Ion:228 Resp: 324124
Ion Ratio Lower Upper
228 100
226 28.5 22.9 34.3
229 21.3 15.2 22.8





#90
Benzo(b)fluoranthene
Concen: 3.765 ng/ul
RT: 23.310 min Scan# 3455
Delta R.T. 0.000 min
Lab File: BN031647.D
Acq: 24 May 2024 00:49

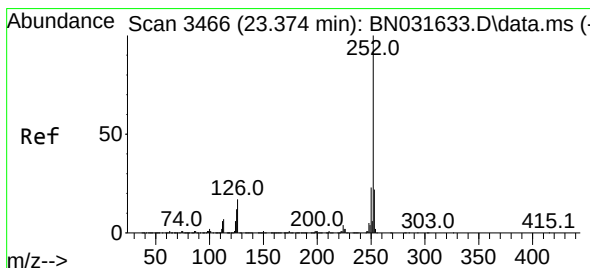
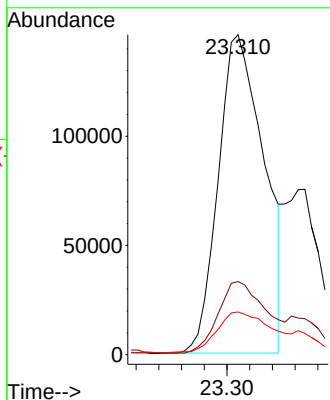
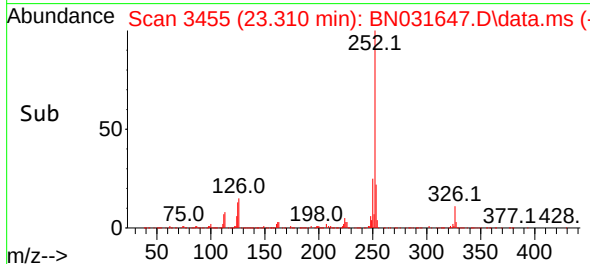
Instrument :
BNA_N
ClientSampleId :
BH5X0



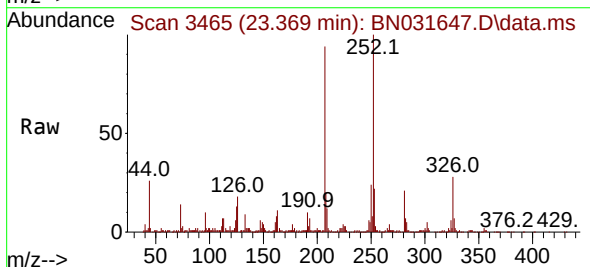
Tgt Ion:252 Resp: 407425
Ion Ratio Lower Upper
252 100
253 22.9 16.8 25.2
125 13.4 9.3 13.9

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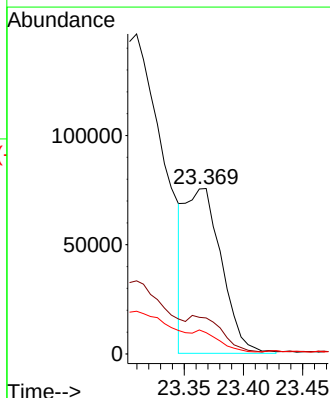
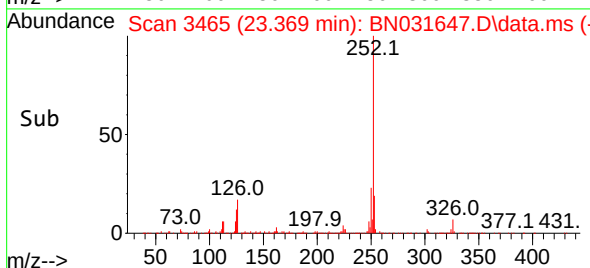
Reviewed By :Yogesh Patel 05/24/2024
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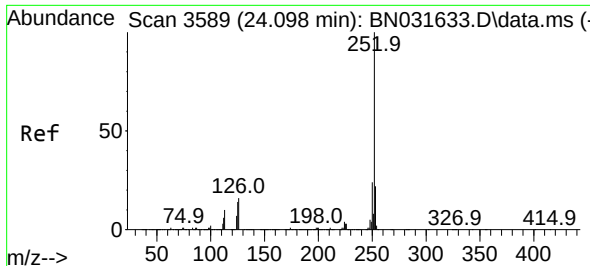


#91
Benzo(k)fluoranthene
Concen: 1.467 ng/ul m
RT: 23.369 min Scan# 3465
Delta R.T. 0.000 min
Lab File: BN031647.D
Acq: 24 May 2024 00:49



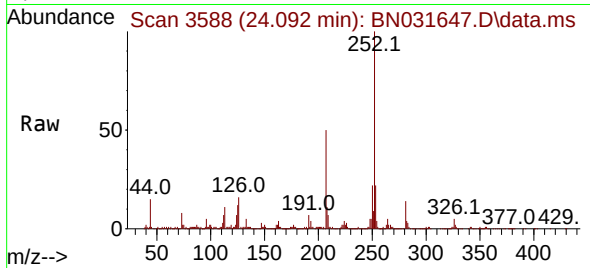
Tgt Ion:252 Resp: 161826
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 12.9 9.3 13.9





#93
Benzo(a)pyrene
Concen: 3.090 ng/u1
RT: 24.092 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN031647.D
Acq: 24 May 2024 00:49

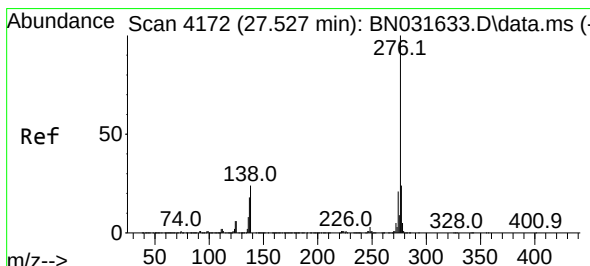
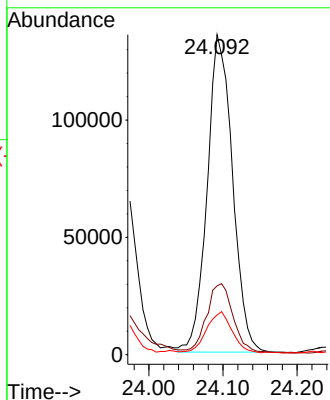
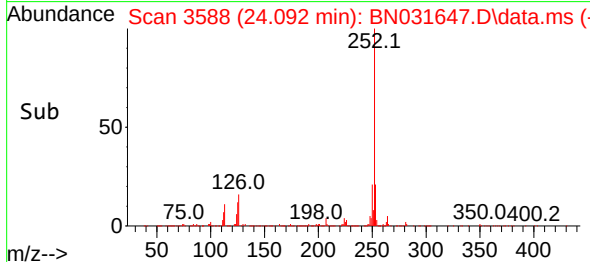
Instrument :
BNA_N
ClientSampleId :
BH5X0



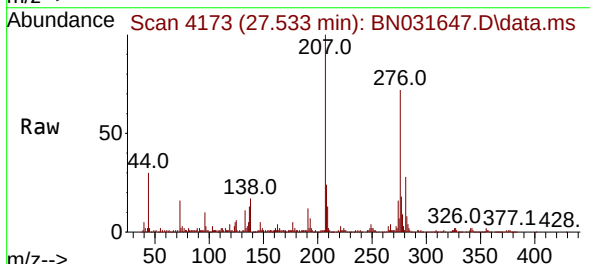
Tgt Ion:252 Resp: 321254
Ion Ratio Lower Upper
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253 21.5 16.6 24.8
125 12.4 9.8 14.8

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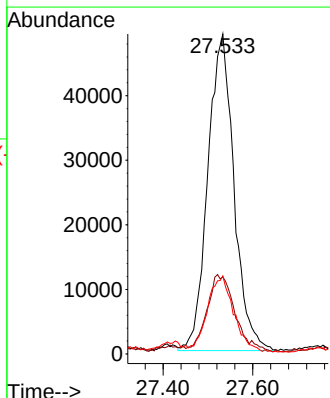
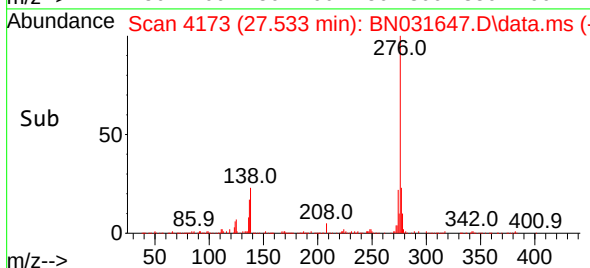
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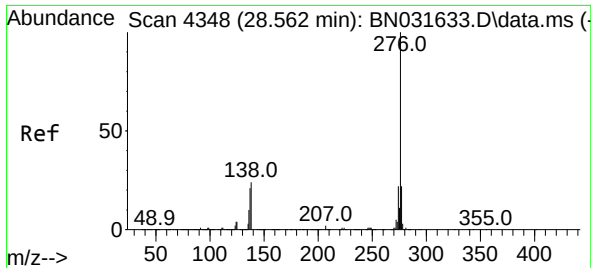


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.594 ng/u1
RT: 27.533 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BN031647.D
Acq: 24 May 2024 00:49



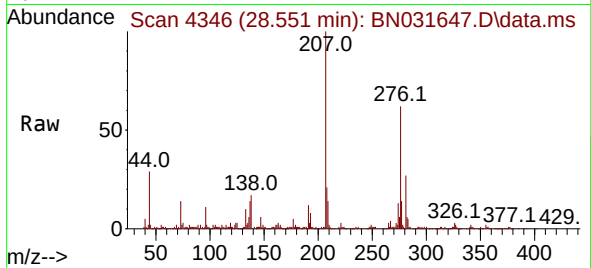
Tgt Ion:276 Resp: 198890
Ion Ratio Lower Upper
276 100
138 24.1 19.8 29.6
277 24.4 18.2 27.4





#96
Benzo(g,h,i)perylene
Concen: 1.826 ng/ul
RT: 28.551 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN031647.D
Acq: 24 May 2024 00:49

Instrument :
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Tgt Ion:276 Resp: 188189
Ion Ratio Lower Upper
276 100
138 26.8 19.5 29.3
277 23.0 17.6 26.4

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