

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031711.D
 Acq On : 30 May 2024 07:05
 Operator : MA/JU
 Sample : P2569-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH699

Manual Integrations
 APPROVED

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

Quant Time: May 30 07:37:29 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	548807	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2417187	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1479105	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2792737	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1729270	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1725833	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	44734	3.372	ng/uL	0.00
4) Pyridine-d5	3.605	84	593353	15.890	ng/u1	0.00
7) Phenol-d5	6.857	99	1094176	23.256	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	609908	22.163	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	845457	23.551	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	869166	22.663	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	443009	23.970	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	469691	24.602	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	833791	23.394	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	1045834	19.763	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	2588427	25.120	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	3042149	25.676	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	428538	20.771	ng/u1	0.00
60) Fluorene-d10	15.322	176	2187326	25.088	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	156480	11.147	ng/u1	0.01
73) Anthracene-d10	17.175	188	3156866	26.403	ng/u1	0.00
81) Pyrene-d10	19.474	212	3022409	32.662	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2263703	27.469	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.051	152	159938	1.194	ng/u1	98
72) Phenanthrene	17.116	178	611140	4.296	ng/u1	99
74) Anthracene	17.210	178	149691	1.038	ng/u1	97
80) Fluoranthene	19.133	202	1183636	10.703	ng/u1	100
82) Pyrene	19.498	202	1065045	9.386	ng/u1	100
85) Benzo(a)anthracene	21.292	228	483479	4.177	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.221	149	217134	2.779	ng/u1	97
87) Chrysene	21.351	228	507758m	4.696	ng/u1	
90) Benzo(b)fluoranthene	23.321	252	610983	5.923	ng/u1	97
91) Benzo(k)fluoranthene	23.380	252	219238m	2.166	ng/u1	
93) Benzo(a)pyrene	24.110	252	427859	4.428	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.551	276	314583m	2.826	ng/u1	
96) Benzo(g,h,i)perylene	28.586	276	307901m	3.479	ng/u1	

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

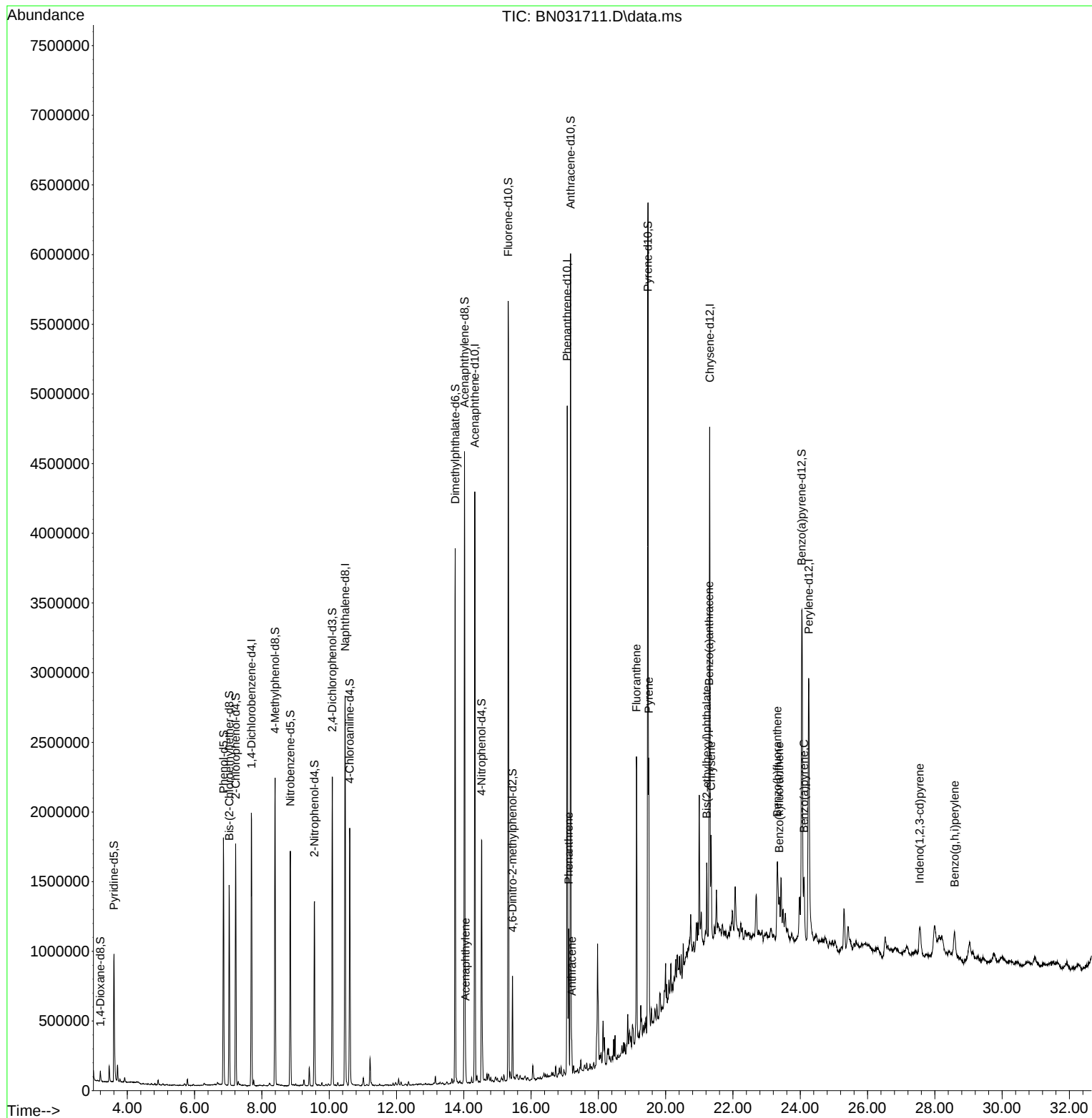
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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 ALS Vial : 22 Sample Multiplier: 1

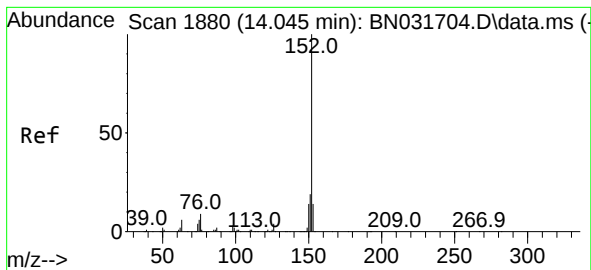
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#50

Acenaphthylene

Concen: 1.194 ng/ul

RT: 14.051 min Scan# 1881

Delta R.T. 0.006 min

Lab File: BN031711.D

Acq: 30 May 2024 07:05

Instrument :

BNA_N

ClientSampleId :

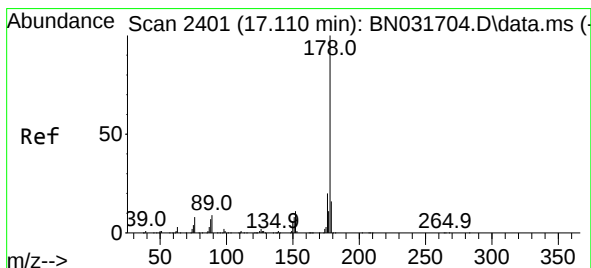
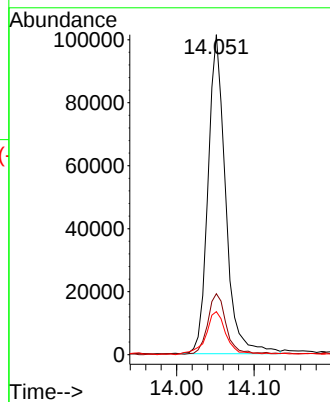
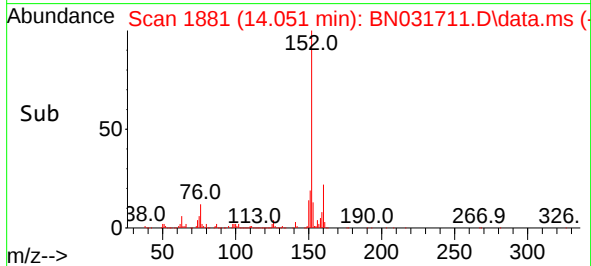
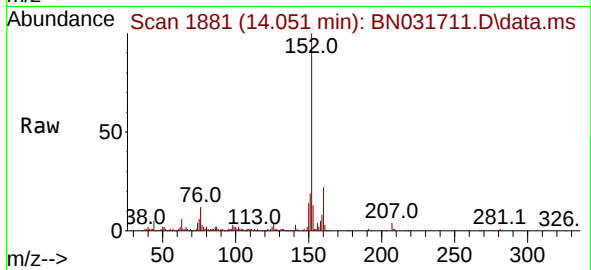
BH699

Tgt Ion:	152	Resp:	159938
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.9	23.9
153	13.5	10.4	15.6

Manual Integrations

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#72

Phenanthrene

Concen: 4.296 ng/ul

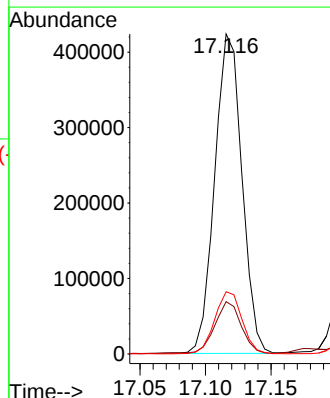
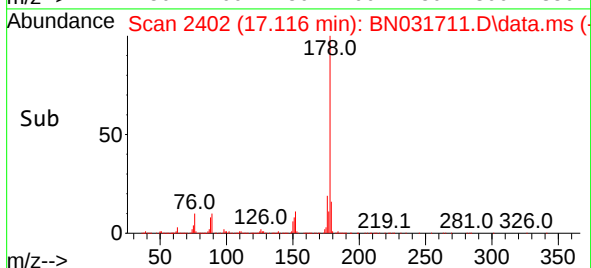
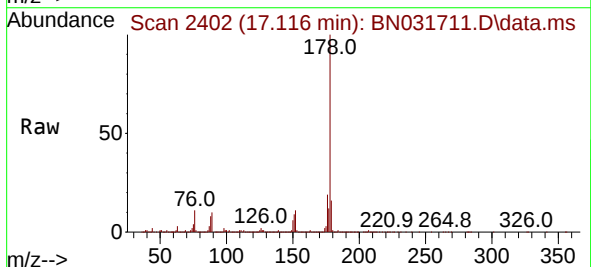
RT: 17.116 min Scan# 2402

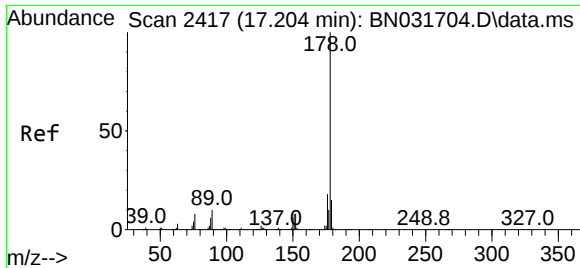
Delta R.T. -0.000 min

Lab File: BN031711.D

Acq: 30 May 2024 07:05

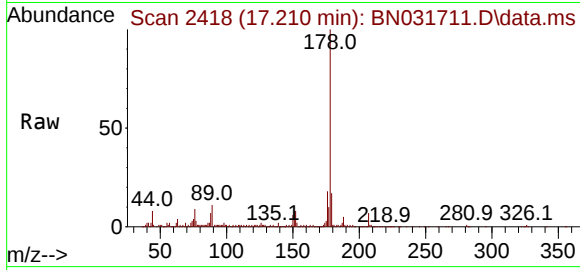
Tgt Ion:	178	Resp:	611140
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	19.0
176	19.5	15.8	23.6





#74
 Anthracene
 Concen: 1.038 ng/ul
 RT: 17.210 min Scan# 2417
 Delta R.T. 0.006 min
 Lab File: BN031711.D
 Acq: 30 May 2024 07:05

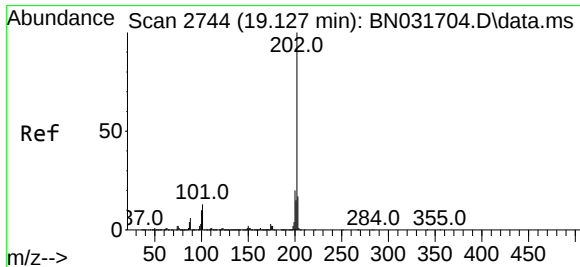
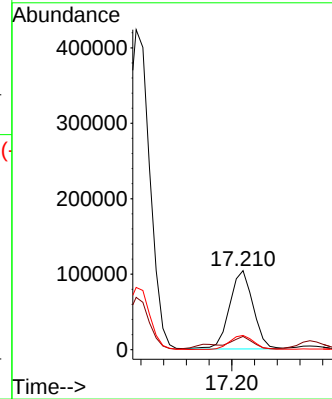
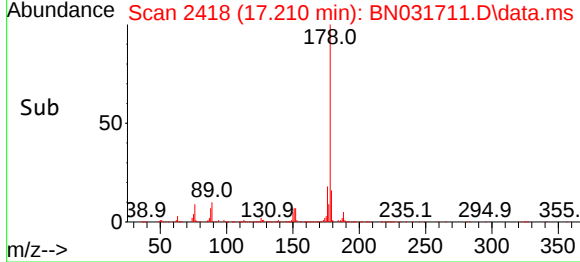
Instrument :
 BNA_N
 ClientSampleId :
 BH699



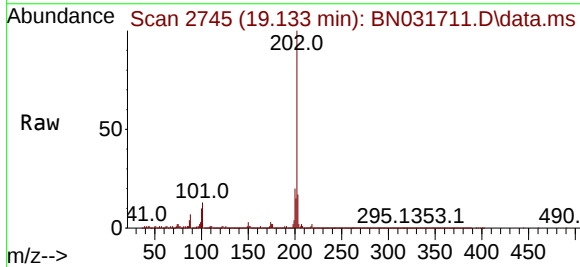
Tgt Ion:178 Resp: 149691
 Ion Ratio Lower Upper
 178 100
 179 16.7 11.8 17.6
 176 18.1 14.8 22.2

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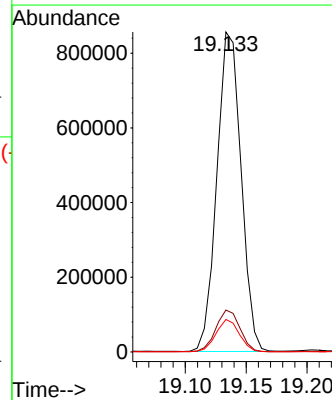
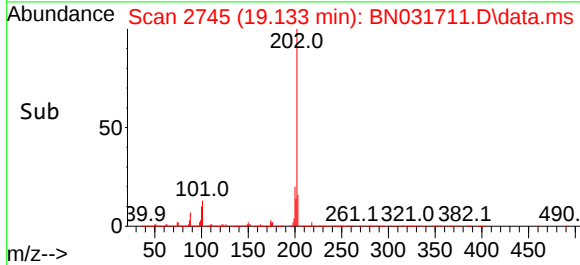
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

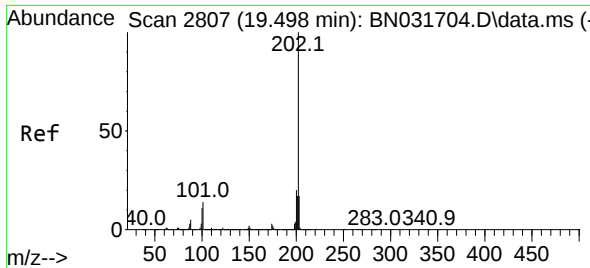


#80
 Fluoranthene
 Concen: 10.703 ng/ul
 RT: 19.133 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN031711.D
 Acq: 30 May 2024 07:05



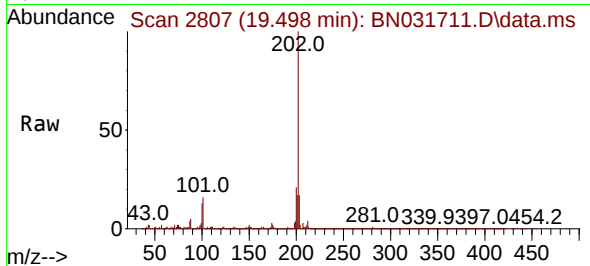
Tgt Ion:202 Resp: 1183636
 Ion Ratio Lower Upper
 202 100
 101 13.1 10.3 15.5
 100 10.1 8.0 12.0





#82
 Pyrene
 Concen: 9.386 ng/ul
 RT: 19.498 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN031711.D
 Acq: 30 May 2024 07:05

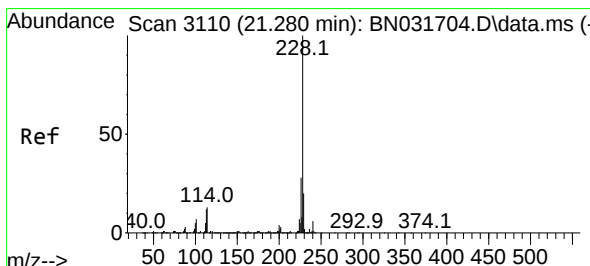
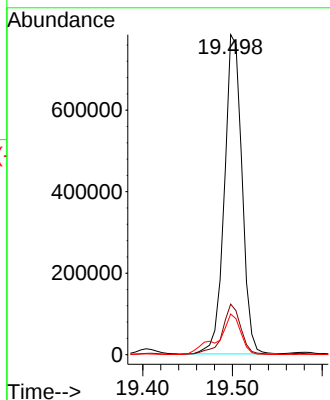
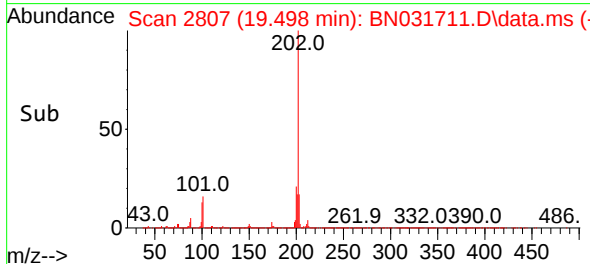
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:202 Resp: 1065049
 Ion Ratio Lower Upper
 202 100
 101 15.8 12.6 18.8
 100 12.7 10.2 15.2

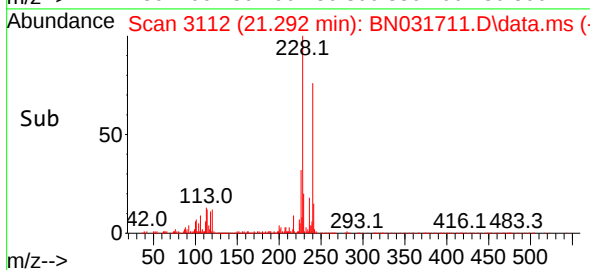
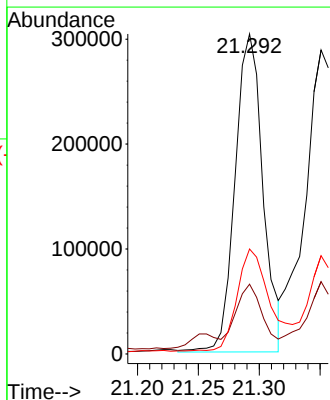
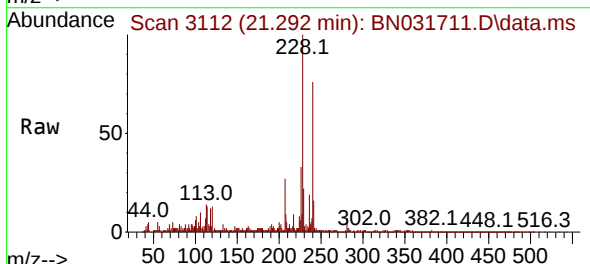
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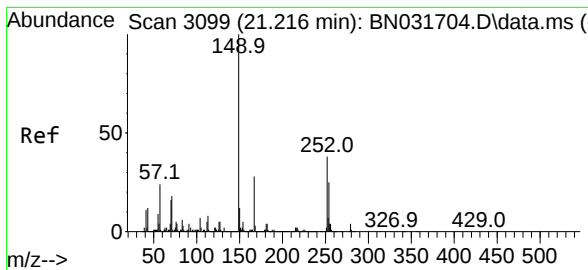
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#85
 Benzo(a)anthracene
 Concen: 4.177 ng/ul
 RT: 21.292 min Scan# 3112
 Delta R.T. 0.006 min
 Lab File: BN031711.D
 Acq: 30 May 2024 07:05

Tgt Ion:228 Resp: 483479
 Ion Ratio Lower Upper
 228 100
 229 21.8 16.7 25.1
 226 32.8 22.8 34.2





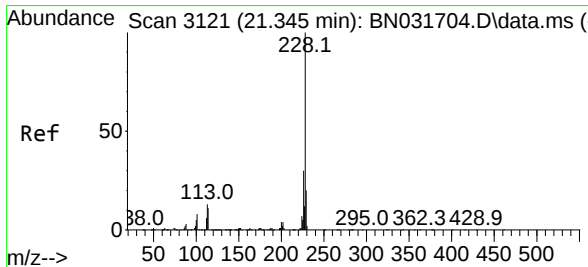
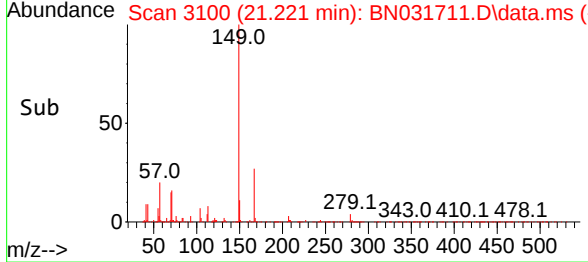
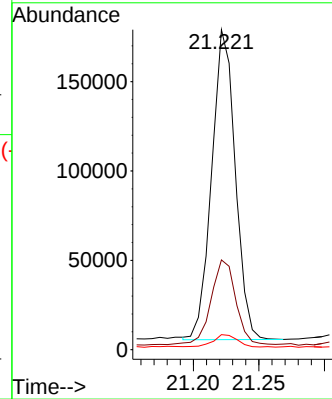
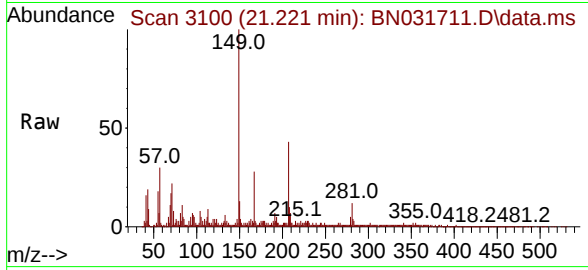
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.779 ng/ul
 RT: 21.221 min Scan# 3100
 Delta R.T. -0.000 min
 Lab File: BN031711.D
 Acq: 30 May 2024 07:05

Instrument :
 BNA_N
 ClientSampleId :
 BH699

Tgt Ion:149 Resp: 217134
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.4 32.0
 279 4.7 3.3 4.9

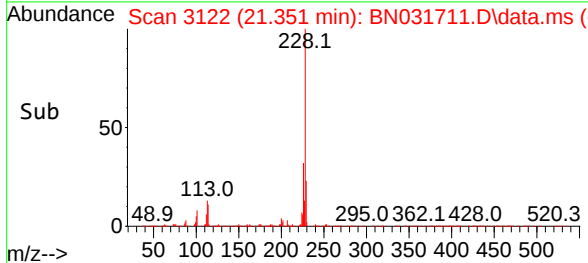
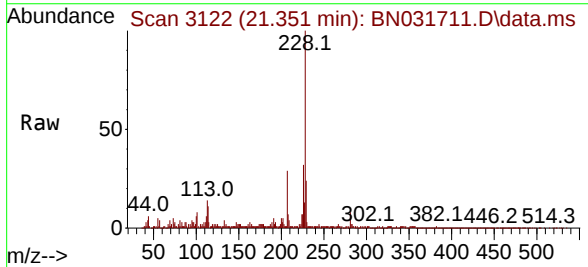
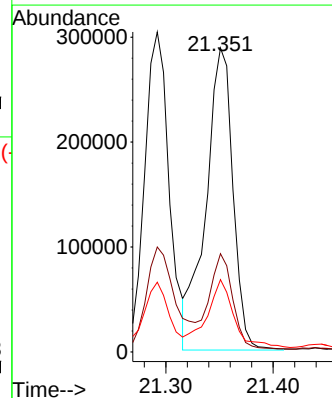
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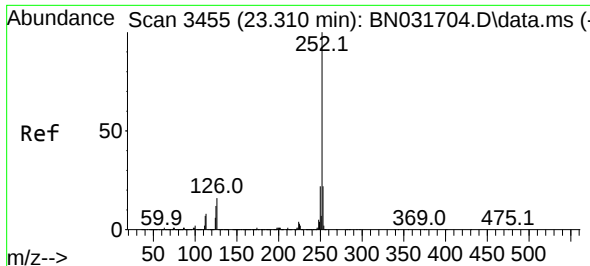
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#87
 Chrysene
 Concen: 4.696 ng/ul m
 RT: 21.351 min Scan# 3122
 Delta R.T. -0.000 min
 Lab File: BN031711.D
 Acq: 30 May 2024 07:05

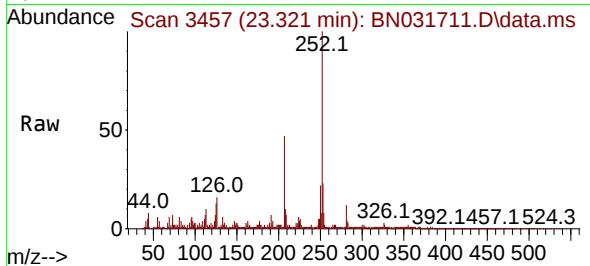
Tgt Ion:228 Resp: 507758
 Ion Ratio Lower Upper
 228 100
 226 32.3 23.7 35.5
 229 23.8 15.1 22.7#





#90
Benzo(b)fluoranthene
Concen: 5.923 ng/ul
RT: 23.321 min Scan# 3455
Delta R.T. 0.012 min
Lab File: BN031711.D
Acq: 30 May 2024 07:05

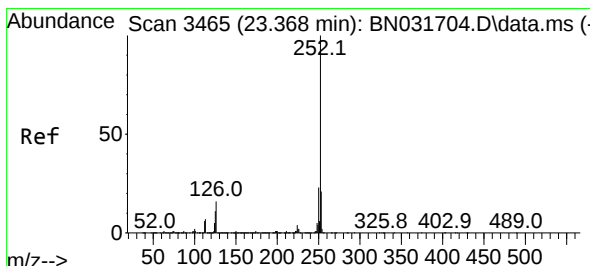
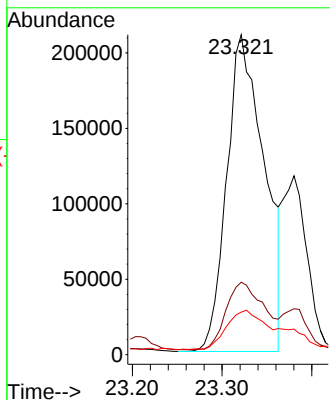
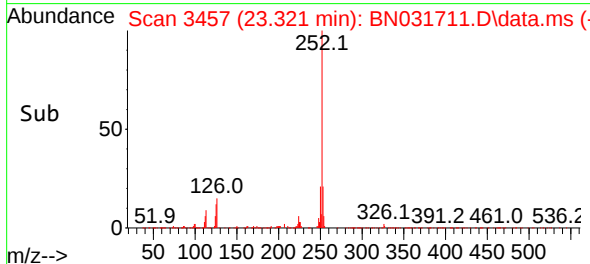
Instrument :
BNA_N
ClientSampleId :
BH699



Tgt Ion:252 Resp: 61098
Ion Ratio Lower Upper
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253 22.6 17.0 25.6
125 13.3 9.2 13.8

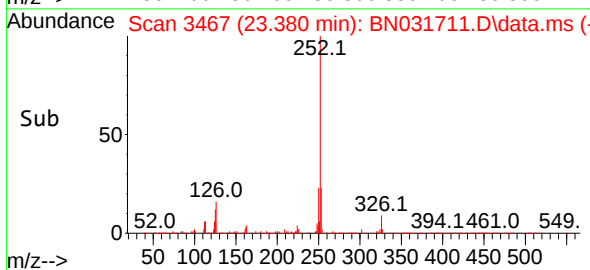
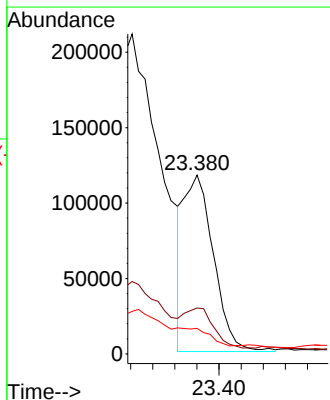
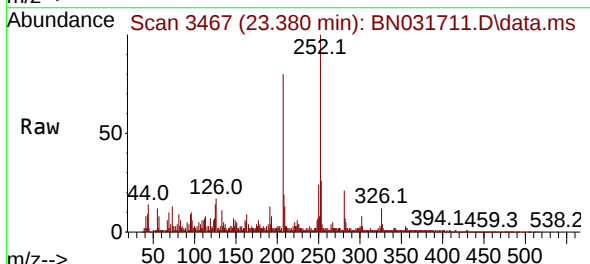
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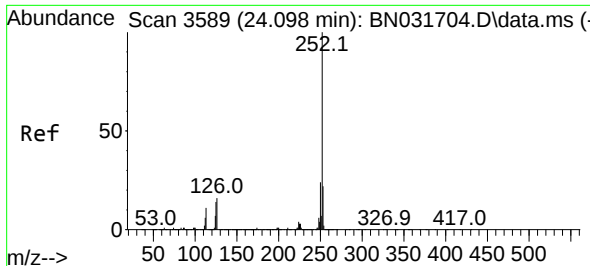
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#91
Benzo(k)fluoranthene
Concen: 2.166 ng/ul m
RT: 23.380 min Scan# 3467
Delta R.T. 0.006 min
Lab File: BN031711.D
Acq: 30 May 2024 07:05

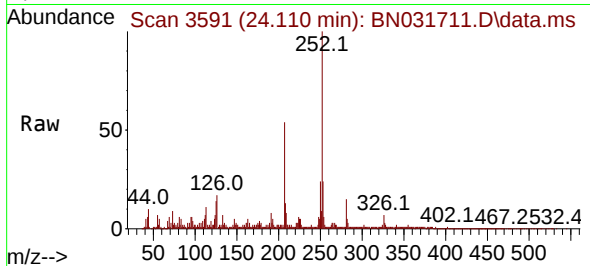
Tgt Ion:252 Resp: 219238
Ion Ratio Lower Upper
252 100
253 25.7 17.6 26.4
125 14.3 9.4 14.2#





#93
Benzo(a)pyrene
Concen: 4.428 ng/ul
RT: 24.110 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BN031711.D
Acq: 30 May 2024 07:05

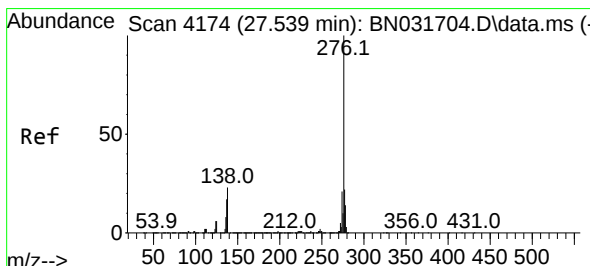
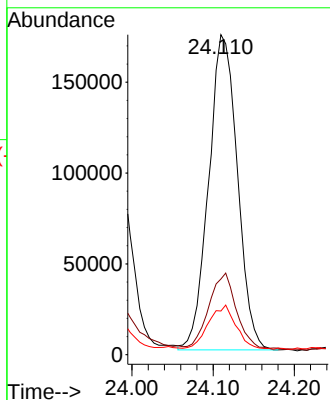
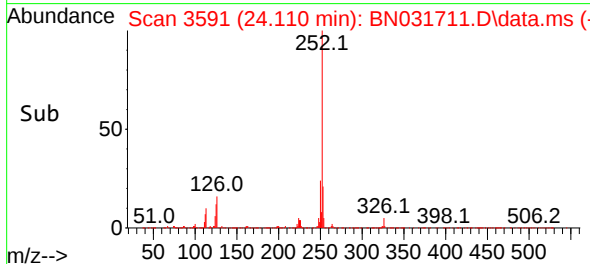
Instrument :
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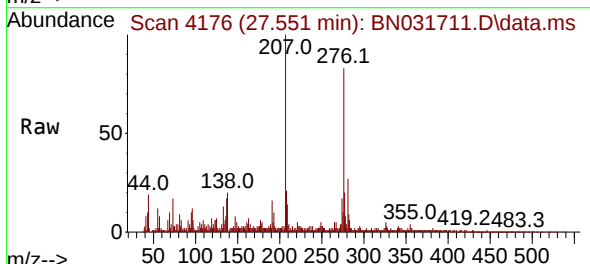
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Ion Ratio Lower Upper
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125 13.6 9.8 14.8

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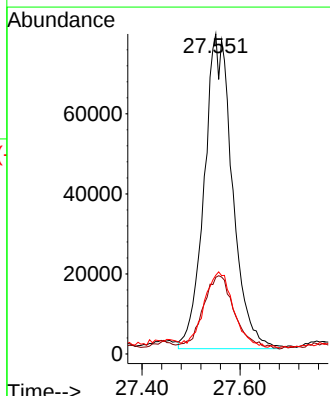
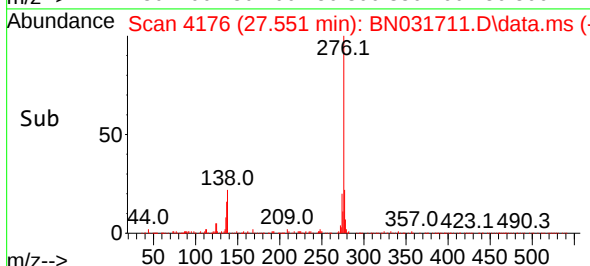
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

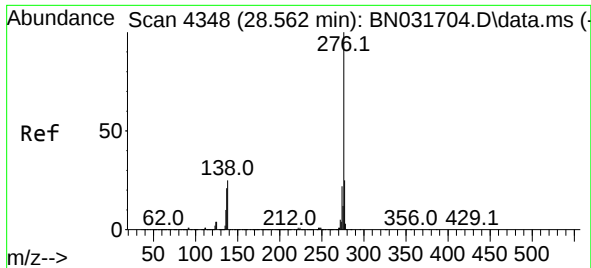


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.826 ng/ul m
RT: 27.551 min Scan# 4176
Delta R.T. 0.017 min
Lab File: BN031711.D
Acq: 30 May 2024 07:05



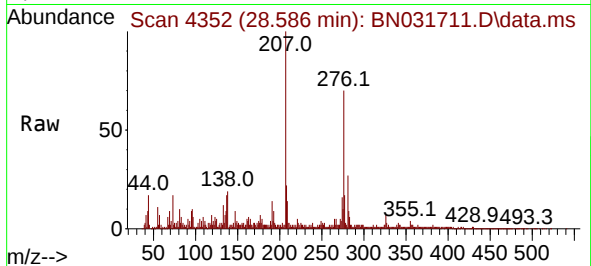
Tgt Ion:276 Resp: 314583
Ion Ratio Lower Upper
276 100
138 24.0 18.1 27.1
277 24.6 18.2 27.2





#96
Benzo(g,h,i)perylene
Concen: 3.479 ng/ul m
RT: 28.586 min Scan# 4352
Delta R.T. 0.017 min
Lab File: BN031711.D
Acq: 30 May 2024 07:05

Instrument :
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Tgt Ion:276 Resp: 30790
Ion Ratio Lower Upper
276 100
138 27.5 20.9 31.3
277 24.2 18.0 27.0

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Supervised By :mohammad ahmed 05/31/2024

