

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031723.D
 Acq On : 30 May 2024 19:38
 Operator : MA/JU
 Sample : P2569-08DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH648DL

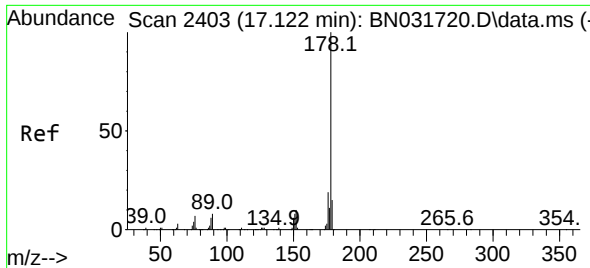
Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 23:38:00 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

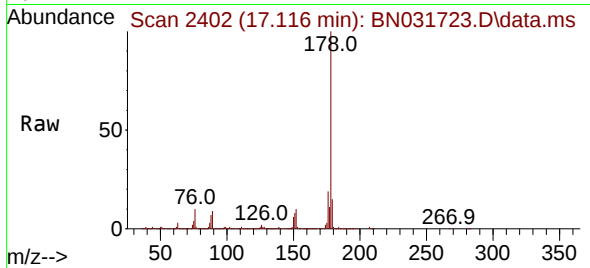
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	449771	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2143270	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1468989	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	3093632	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	2625934	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	2316884	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	10518	0.967	ng/uL	0.00
4) Pyridine-d5	3.599	84	100296	3.277	ng/u1	0.00
7) Phenol-d5	6.852	99	198435	5.146	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	125252	5.554	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	163833	5.569	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	123125	3.917	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	86344	5.269	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	84209	4.975	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	162228	5.133	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	147009	3.133	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	601957	5.882	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	664678	5.648	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	70443	3.438	ng/u1	0.00
60) Fluorene-d10	15.322	176	524022	6.052	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	54625	3.513	ng/u1	0.00
73) Anthracene-d10	17.169	188	782060	5.905	ng/u1	0.00
81) Pyrene-d10	19.469	212	1004618	7.149	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	697037	6.301	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.116	178	921856	5.850	ng/u1	98
74) Anthracene	17.204	178	217926	1.365	ng/u1	98
80) Fluoranthene	19.133	202	1971032	11.737	ng/u1	99
82) Pyrene	19.498	202	1749680	10.155	ng/u1	100
85) Benzo(a)anthracene	21.292	228	955861	5.438	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	3481276	29.346	ng/u1	99
87) Chrysene	21.351	228	879748	5.359	ng/u1	98
90) Benzo(b)fluoranthene	23.321	252	862786	6.230	ng/u1	96
91) Benzo(k)fluoranthene	23.374	252	376706m	2.772	ng/u1	
93) Benzo(a)pyrene	24.110	252	600022	4.626	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.551	276	331182	2.216	ng/u1	97
96) Benzo(g,h,i)perylene	28.580	276	302016	2.542	ng/u1	97

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



#72
Phenanthrene
Concen: 5.850 ng/u1
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031723.D
Acq: 30 May 2024 19:38

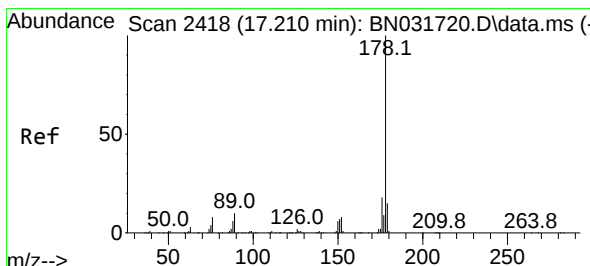
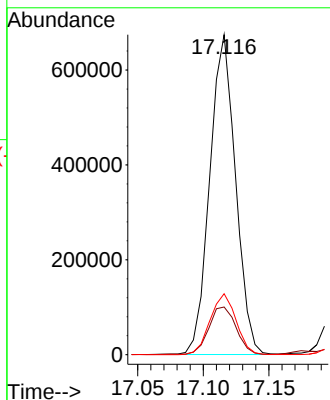
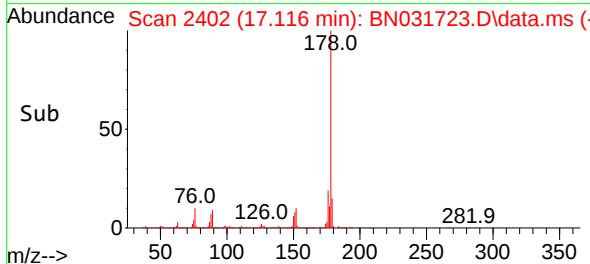
Instrument :
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BH648DL



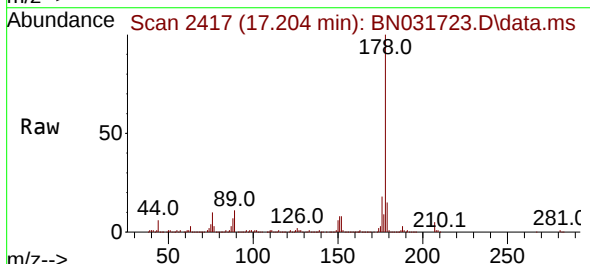
Tgt Ion:178 Resp: 921850
Ion Ratio Lower Upper
178 100
179 14.9 12.6 19.0
176 19.0 15.8 23.6

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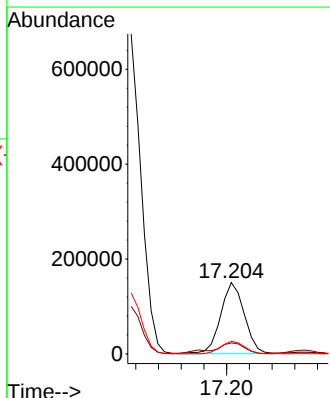
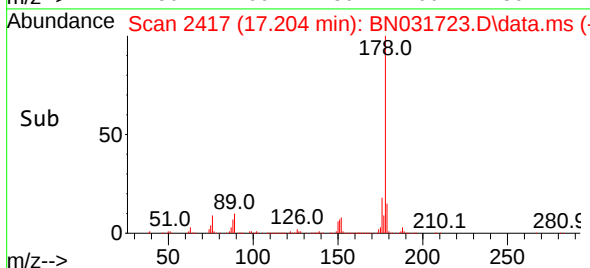
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

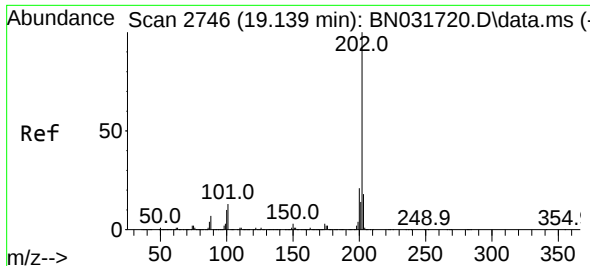


#74
Anthracene
Concen: 1.365 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031723.D
Acq: 30 May 2024 19:38



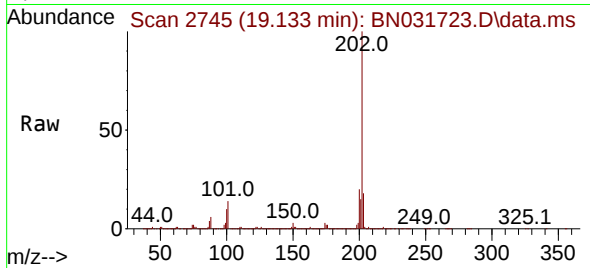
Tgt Ion:178 Resp: 217926
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.6
176 17.7 14.8 22.2





#80
Fluoranthene
Concen: 11.737 ng/ul
RT: 19.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031723.D
Acq: 30 May 2024 19:38

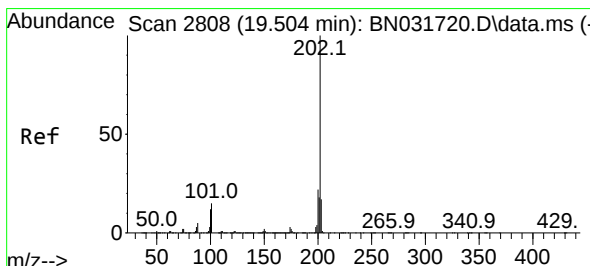
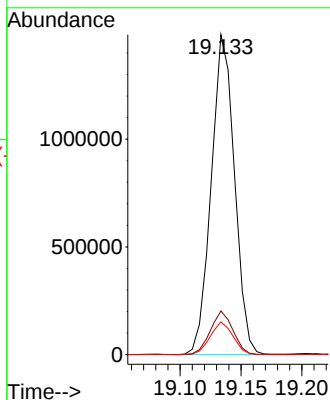
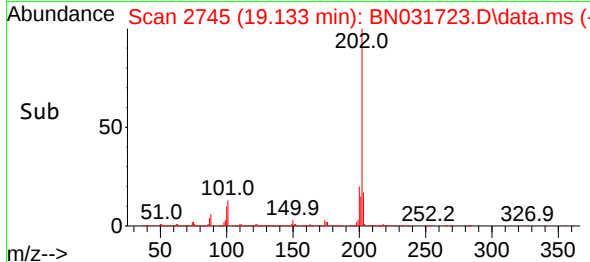
Instrument :
BNA_N
ClientSampleId :
BH648DL



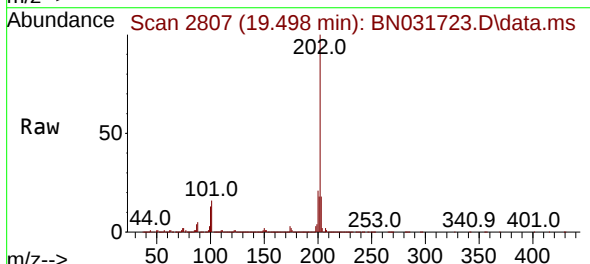
Tgt Ion:202 Resp: 1971033
Ion Ratio Lower Upper
202 100
101 13.7 10.3 15.5
100 10.2 8.0 12.0

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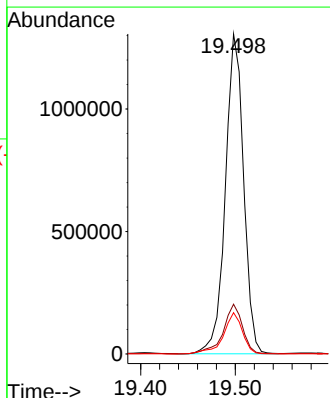
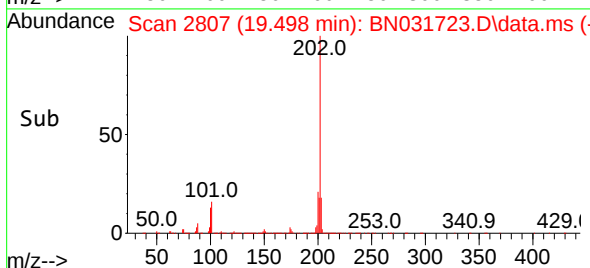
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

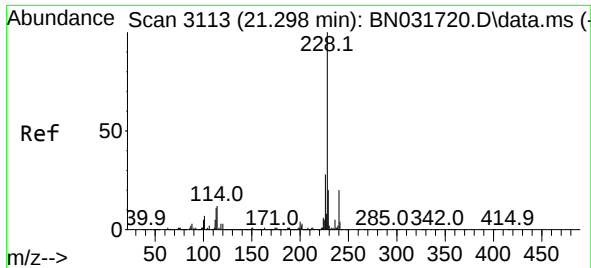


#82
Pyrene
Concen: 10.155 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031723.D
Acq: 30 May 2024 19:38



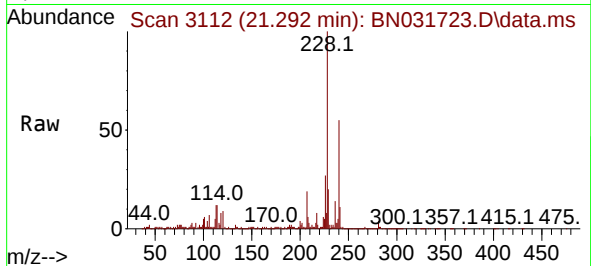
Tgt Ion:202 Resp: 1749680
Ion Ratio Lower Upper
202 100
101 15.5 12.6 18.8
100 12.9 10.2 15.2





#85
Benzo(a)anthracene
Concen: 5.438 ng/ul
RT: 21.292 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BN031723.D
Acq: 30 May 2024 19:38

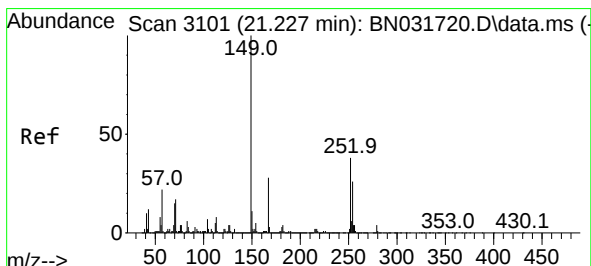
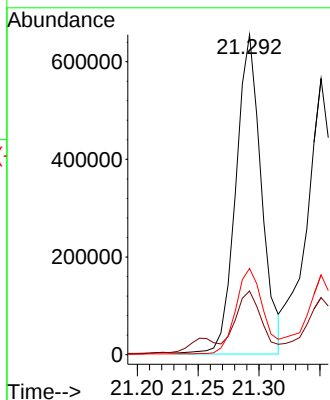
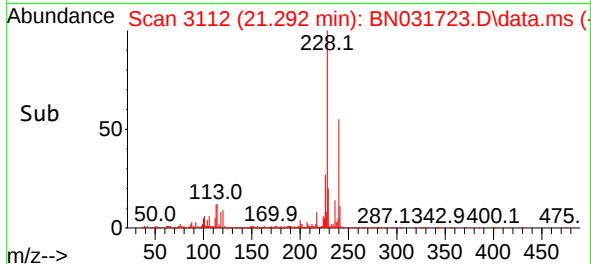
Instrument :
BNA_N
ClientSampleId :
BH648DL



Tgt Ion:228 Resp: 95586
Ion Ratio Lower Upper
228 100
229 19.9 16.7 25.1
226 27.0 22.8 34.2

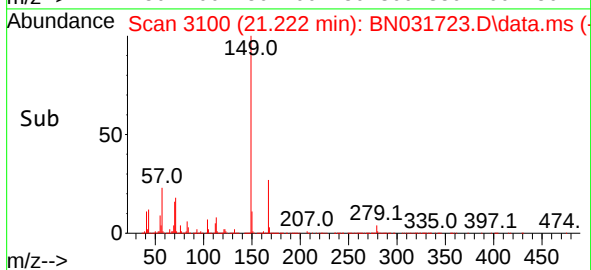
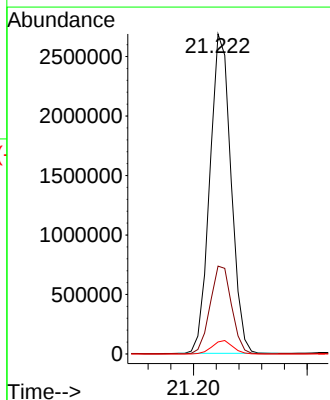
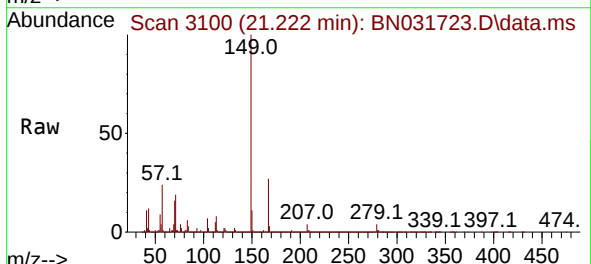
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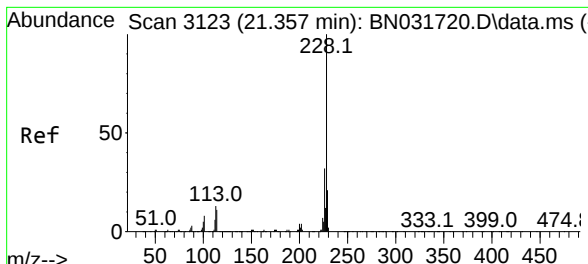
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 29.346 ng/ul
RT: 21.222 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN031723.D
Acq: 30 May 2024 19:38

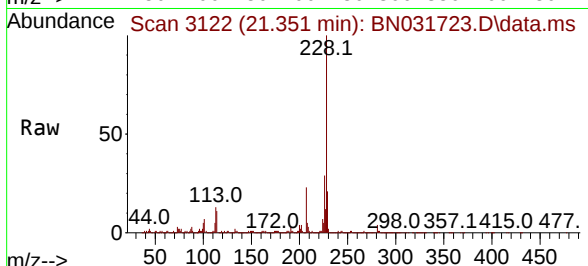
Tgt Ion:149 Resp: 3481276
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 3.7 3.3 4.9





#87
 Chrysene
 Concen: 5.359 ng/u1
 RT: 21.351 min Scan# 3122
 Delta R.T. -0.000 min
 Lab File: BN031723.D
 Acq: 30 May 2024 19:38

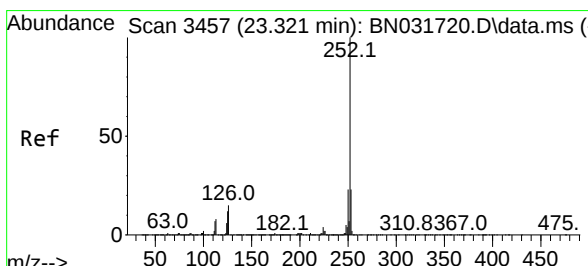
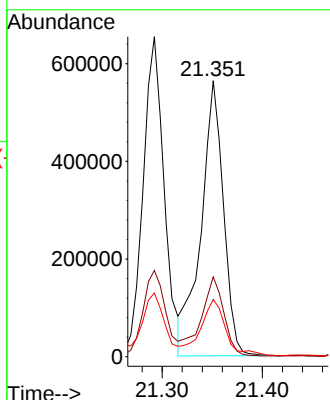
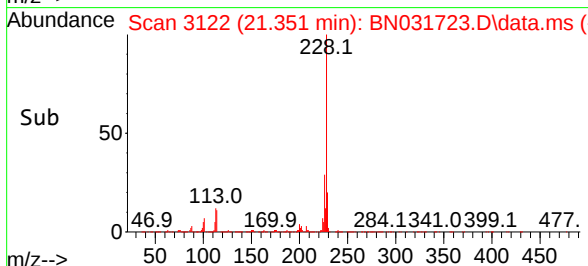
Instrument : BNA_N
 ClientSampleId : BH648DL



Tgt Ion:228 Resp: 879748
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.7 35.5
 229 20.7 15.1 22.7

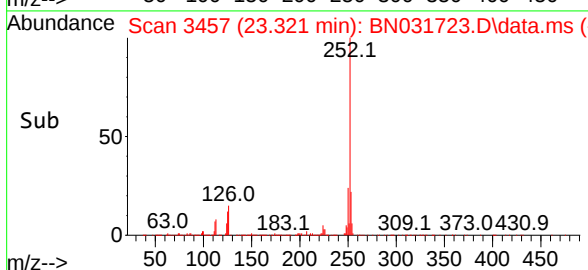
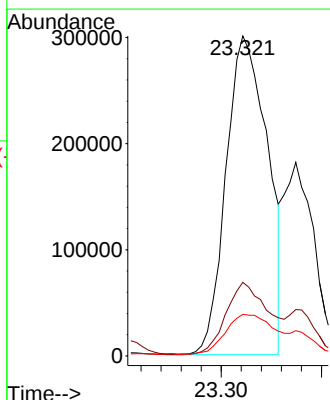
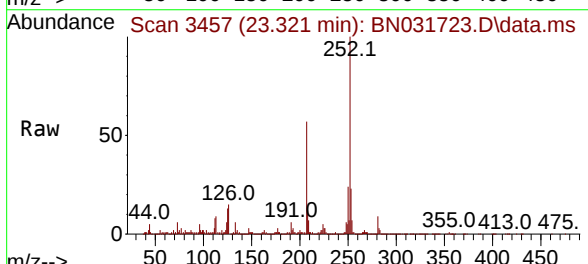
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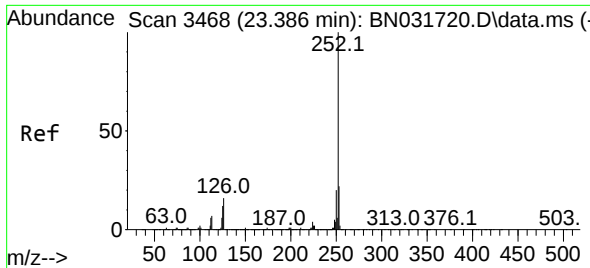
Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024



#90
 Benzo(b)fluoranthene
 Concen: 6.230 ng/u1
 RT: 23.321 min Scan# 3457
 Delta R.T. 0.012 min
 Lab File: BN031723.D
 Acq: 30 May 2024 19:38

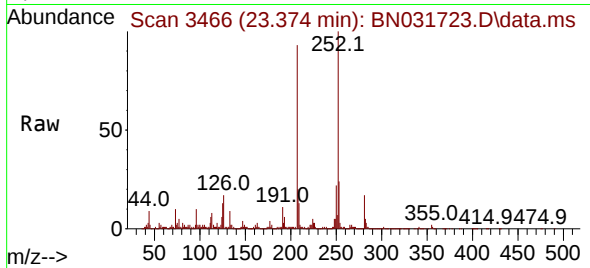
Tgt Ion:252 Resp: 862786
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.0 25.6
 125 13.0 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 2.772 ng/ul m
RT: 23.374 min Scan# 3468
Delta R.T. -0.000 min
Lab File: BN031723.D
Acq: 30 May 2024 19:38

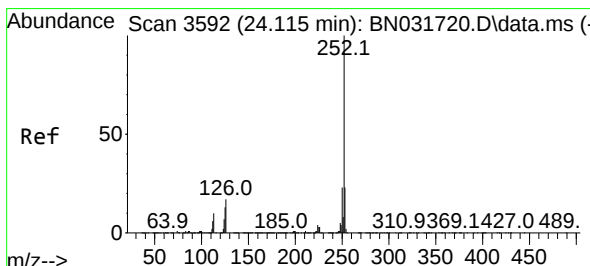
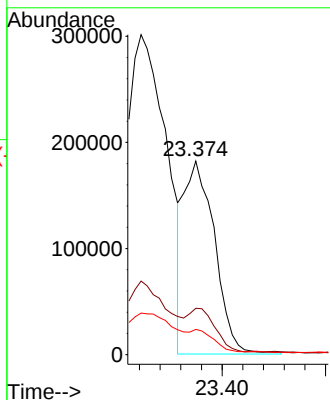
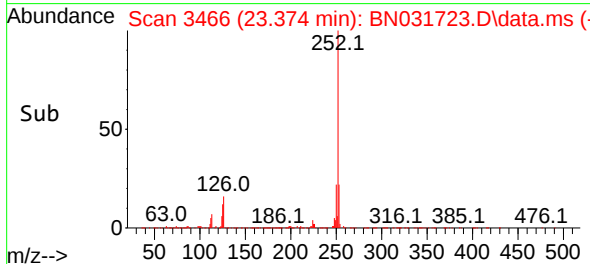
Instrument :
BNA_N
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Tgt Ion:252 Resp: 376700
Ion Ratio Lower Upper
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253 24.0 17.6 26.4
125 13.1 9.4 14.2

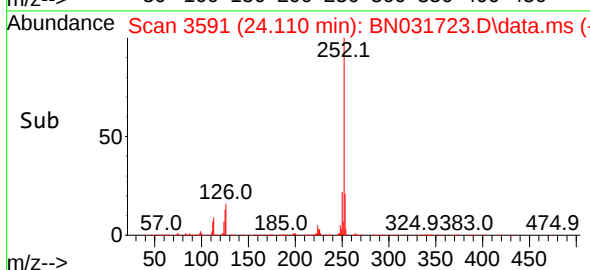
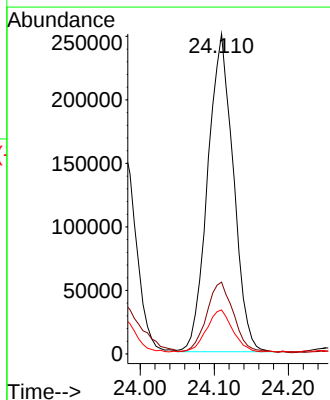
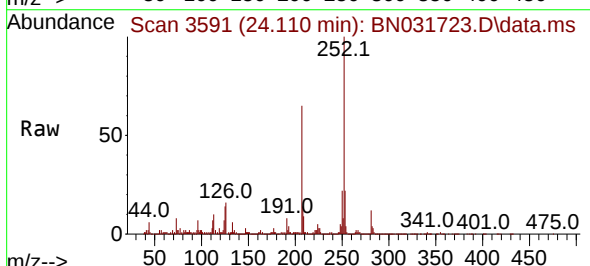
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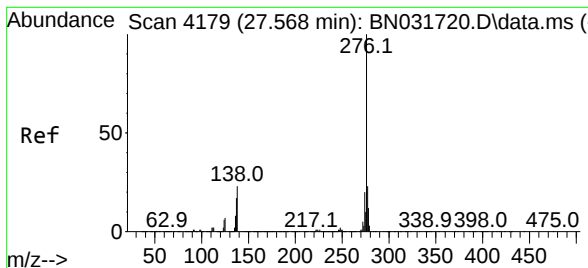
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#93
Benzo(a)pyrene
Concen: 4.626 ng/ul
RT: 24.110 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BN031723.D
Acq: 30 May 2024 19:38

Tgt Ion:252 Resp: 600022
Ion Ratio Lower Upper
252 100
253 22.4 16.6 24.8
125 13.8 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.216 ng/ul

RT: 27.551 min Scan# 4179

Delta R.T. 0.018 min

Lab File: BN031723.D

Acq: 30 May 2024 19:38

Instrument :

BNA_N

ClientSampleId :

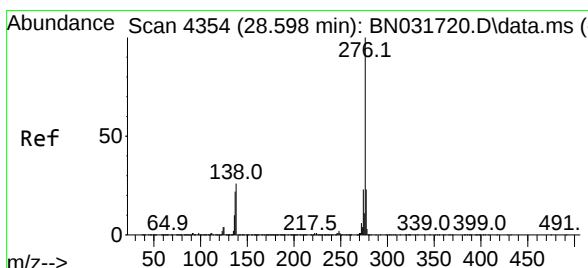
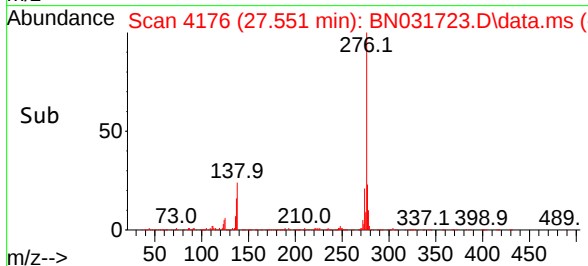
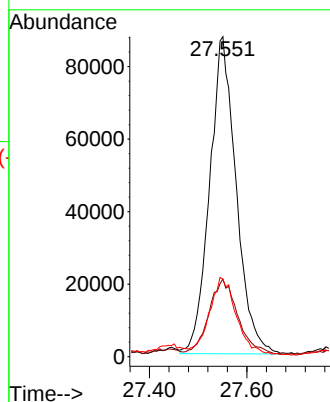
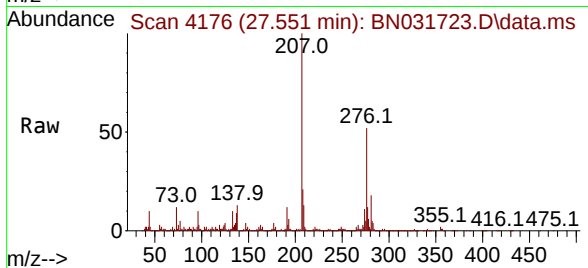
BH648DL

Tgt Ion:	276	Resp:	33118
Ion Ratio	Lower	Upper	
276	100		
138	24.3	18.1	27.1
277	24.2	18.2	27.2

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#96

Benzo(g,h,i)perylene

Concen: 2.542 ng/ul

RT: 28.580 min Scan# 4351

Delta R.T. 0.012 min

Lab File: BN031723.D

Acq: 30 May 2024 19:38

Tgt Ion:	276	Resp:	302016
Ion Ratio	Lower	Upper	
276	100		
138	25.6	20.9	31.3
277	24.9	18.0	27.0

