

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031755.D
 Acq On : 03 Jun 2024 11:59
 Operator : MA/JU
 Sample : P2590-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6E7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 13:19:43 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	7.681	152	561212	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2484399	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1502186	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2652679	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1821239	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	2083914	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	35237	2.598	ng/uL	0.00
4) Pyridine-d5	3.599	84	440807	11.544	ng/u1	0.00
7) Phenol-d5	6.852	99	815601	16.952	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	486935	17.303	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	657455	17.909	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	618398	15.768	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	364395	19.183	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	384829	19.612	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	683054	18.646	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	875221	16.091	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2182517	20.855	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2496576	20.747	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	236293	11.277	ng/u1	0.00
60) Fluorene-d10	15.316	176	1771688	20.008	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	185612	13.921	ng/u1	0.00
73) Anthracene-d10	17.169	188	2386226	21.012	ng/u1	0.00
81) Pyrene-d10	19.469	212	2447647	25.115	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2119637	21.301	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.110	178	539155	3.990	ng/u1	99
74) Anthracene	17.204	178	139912	1.022	ng/u1	99
80) Fluoranthene	19.133	202	1272028	10.921	ng/u1	99
82) Pyrene	19.498	202	1134048	9.490	ng/u1	98
85) Benzo(a)anthracene	21.286	228	612490	5.024	ng/u1	96
87) Chrysene	21.345	228	670154m	5.885	ng/u1	
90) Benzo(b)fluoranthene	23.316	252	879081	7.057	ng/u1	97
91) Benzo(k)fluoranthene	23.374	252	291483	2.385	ng/u1	98
93) Benzo(a)pyrene	24.110	252	599271	5.137	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.545	276	431233	3.208	ng/u1	96
95) Dibenzo(a,h)anthracene	27.592	278	111797	1.019	ng/u1#	86
96) Benzo(g,h,i)perylene	28.574	276	416819	3.900	ng/u1	98

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

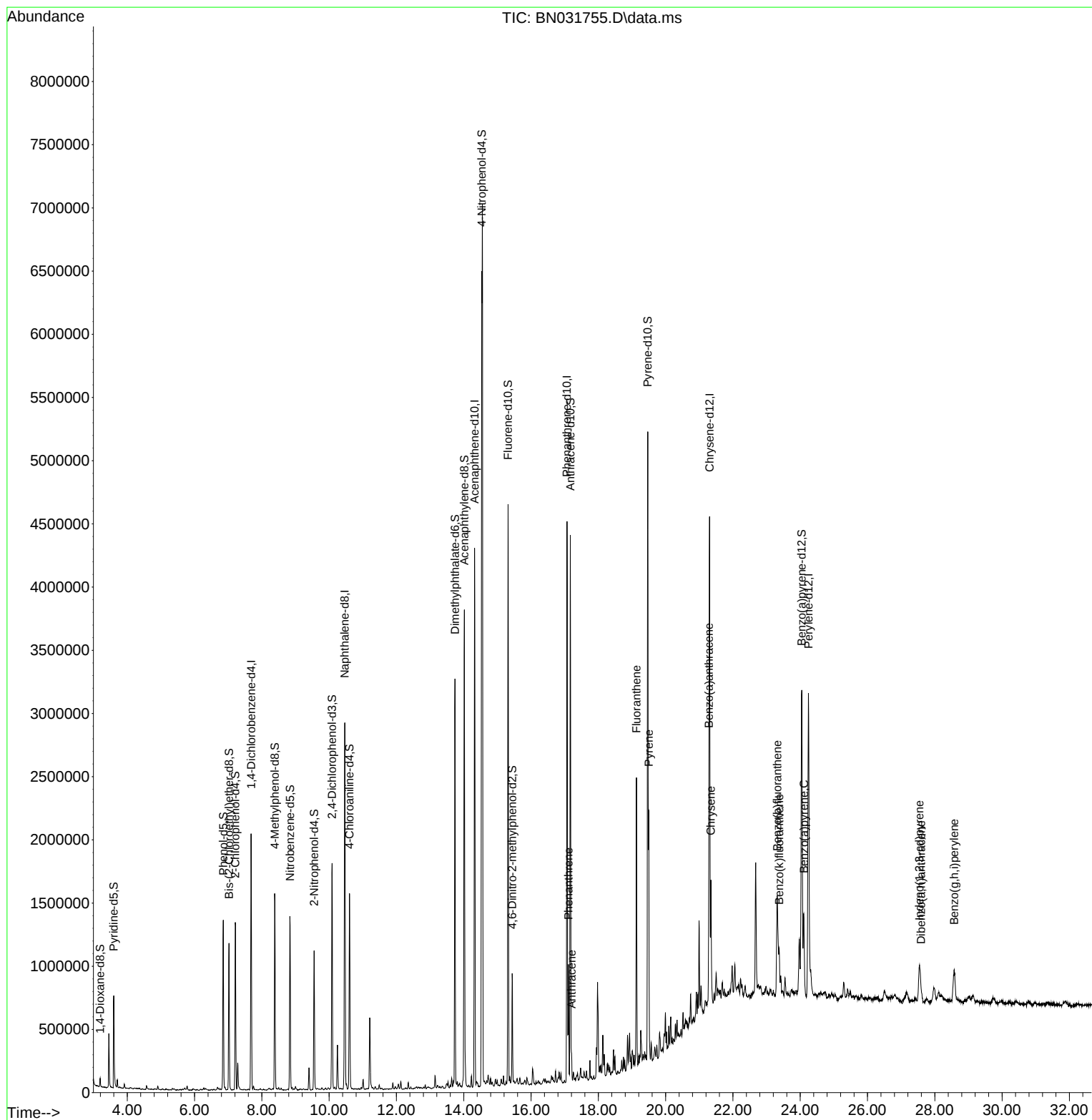
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031755.D
 Acq On : 03 Jun 2024 11:59
 Operator : MA/JU
 Sample : P2590-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

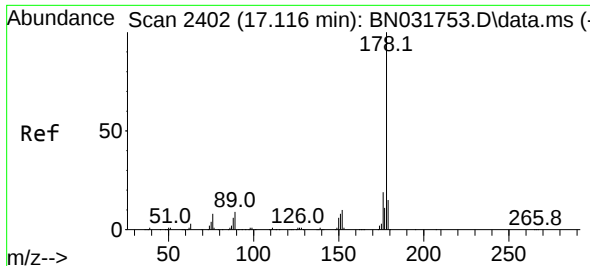
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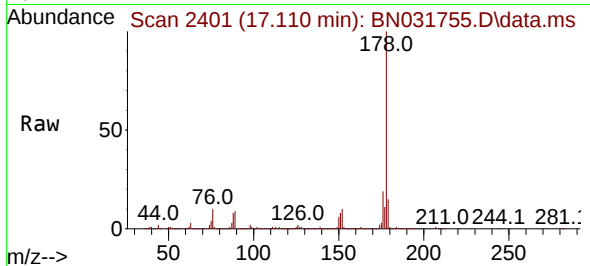
Quant Time: Jun 03 13:19:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 3.990 ng/u1
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031755.D
Acq: 03 Jun 2024 11:59

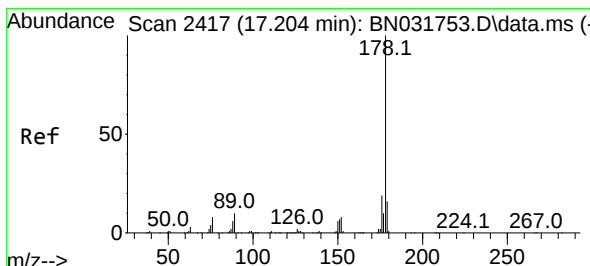
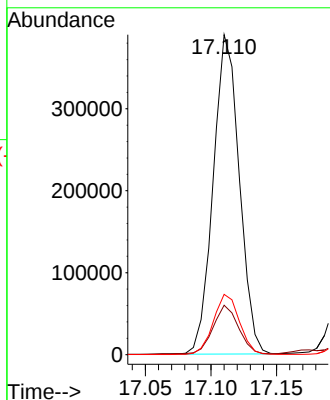
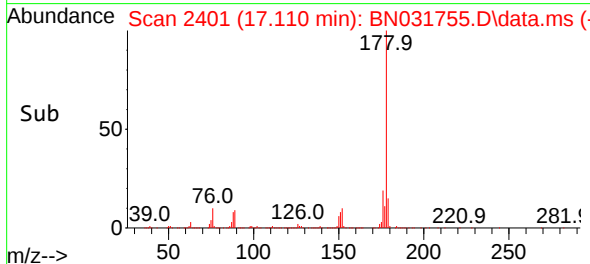
Instrument :
BNA_N
ClientSampleId :
BH6E7



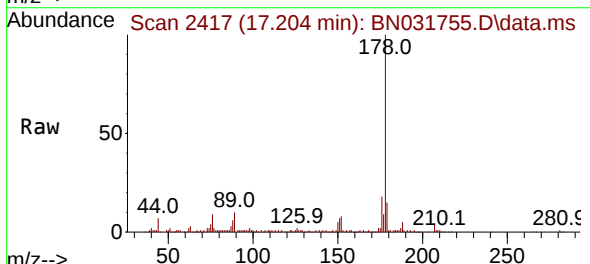
Tgt Ion:178 Resp: 53915
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 18.9 15.8 23.6

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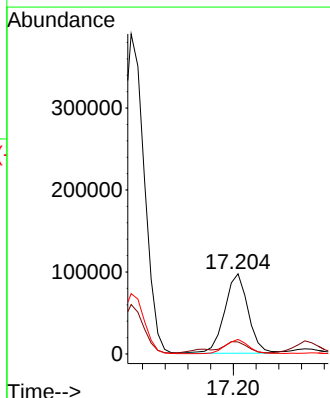
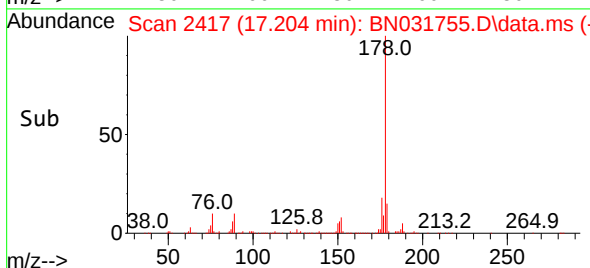
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

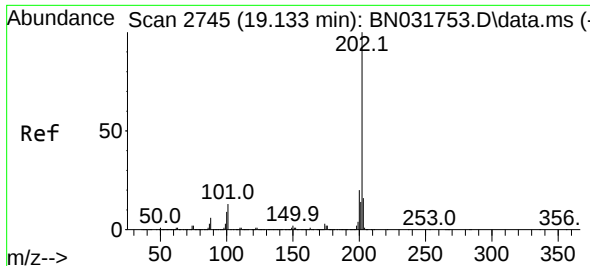


#74
Anthracene
Concen: 1.022 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN031755.D
Acq: 03 Jun 2024 11:59



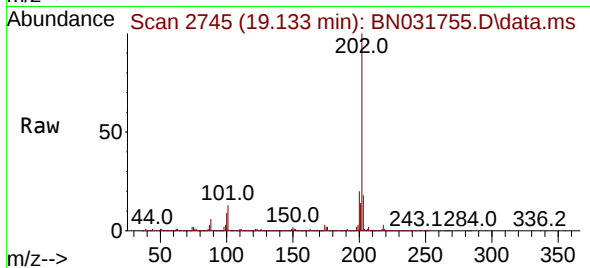
Tgt Ion:178 Resp: 139912
Ion Ratio Lower Upper
178 100
179 15.0 11.8 17.6
176 18.1 14.8 22.2





#80
Fluoranthene
Concen: 10.921 ng/u1
RT: 19.133 min Scan# 2745
Delta R.T. 0.000 min
Lab File: BN031755.D
Acq: 03 Jun 2024 11:59

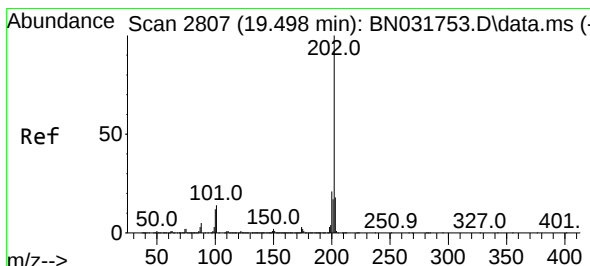
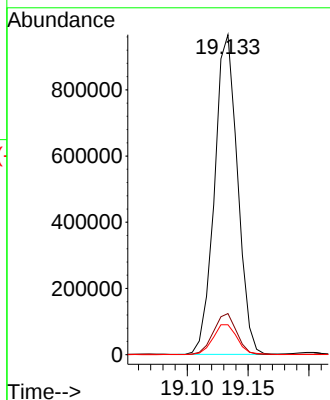
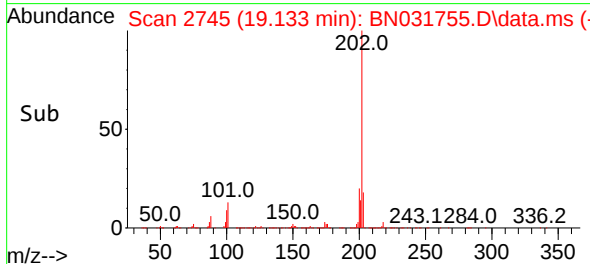
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 1272028
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 9.4 8.0 12.0

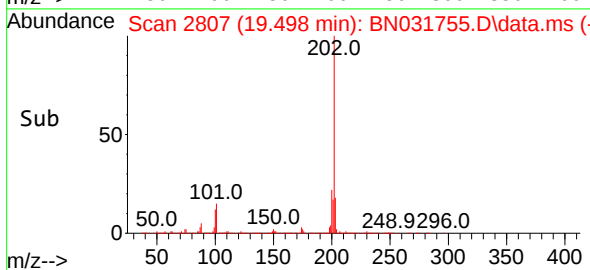
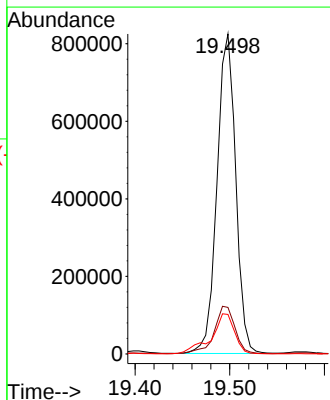
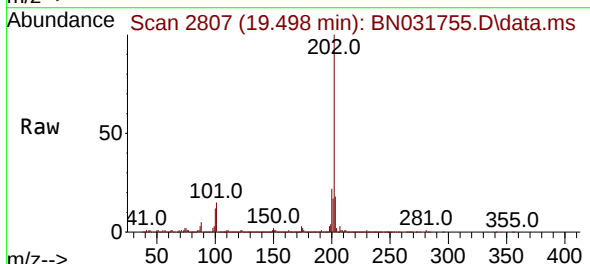
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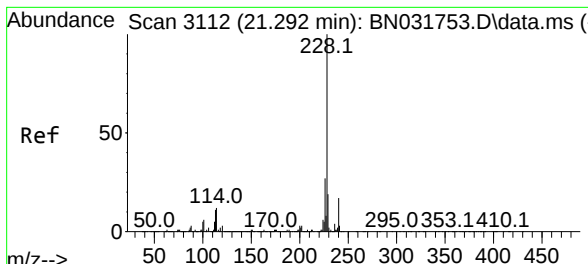
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#82
Pyrene
Concen: 9.490 ng/u1
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031755.D
Acq: 03 Jun 2024 11:59

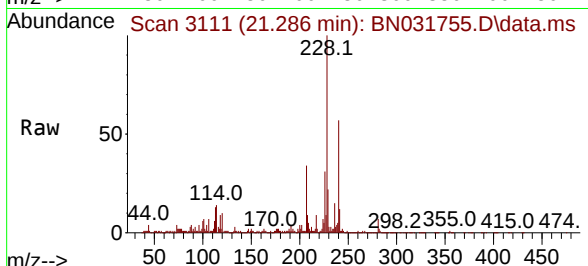
Tgt Ion:202 Resp: 1134048
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 12.3 10.2 15.2





#85
Benzo(a)anthracene
Concen: 5.024 ng/ul
RT: 21.286 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN031755.D
Acq: 03 Jun 2024 11:59

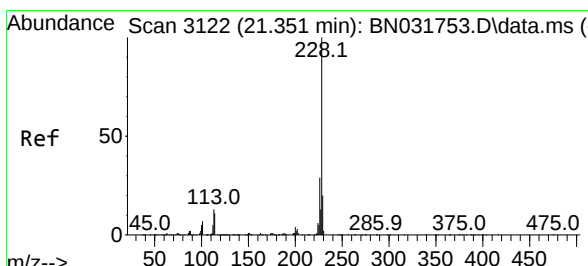
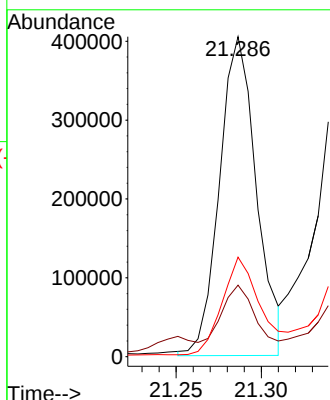
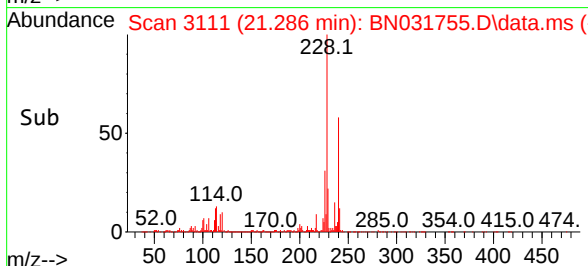
Instrument :
BNA_N
ClientSampleId :
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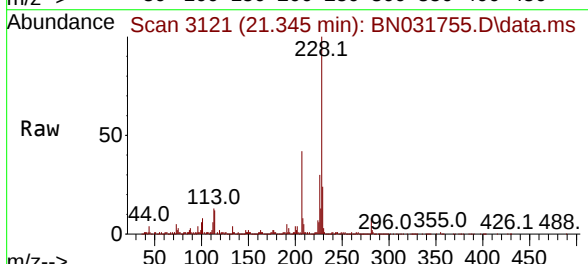
Tgt Ion:228 Resp: 612490
Ion Ratio Lower Upper
228 100
229 22.4 16.7 25.1
226 31.1 22.8 34.2

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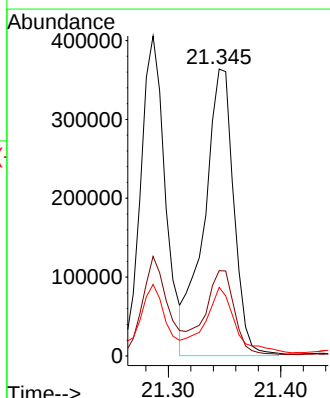
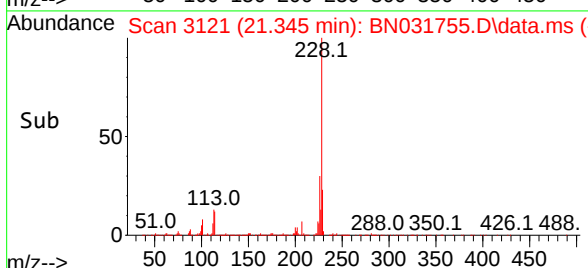
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

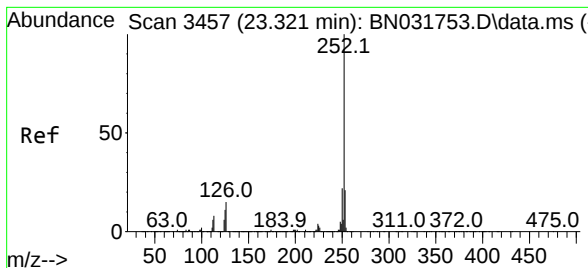


#87
Chrysene
Concen: 5.885 ng/ul m
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031755.D
Acq: 03 Jun 2024 11:59



Tgt Ion:228 Resp: 670154
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 23.9 15.1 22.7#





#90

Benzo(b)fluoranthene

Concen: 7.057 ng/ul

RT: 23.316 min Scan# 3457

Delta R.T. 0.006 min

Lab File: BN031755.D

Acq: 03 Jun 2024 11:59

Instrument :

BNA_N

ClientSampleId :

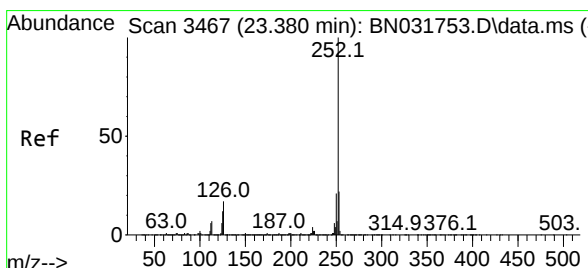
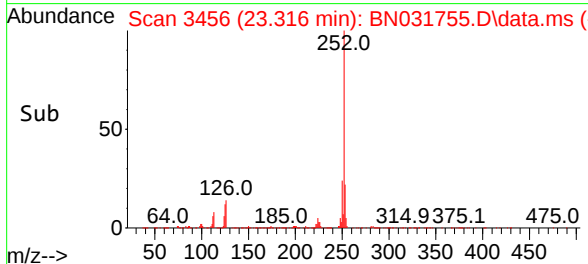
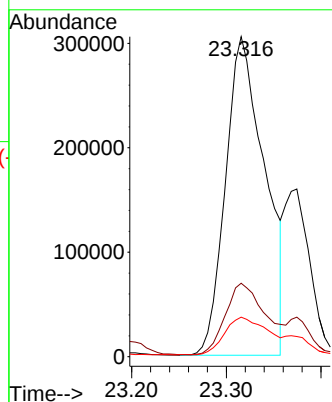
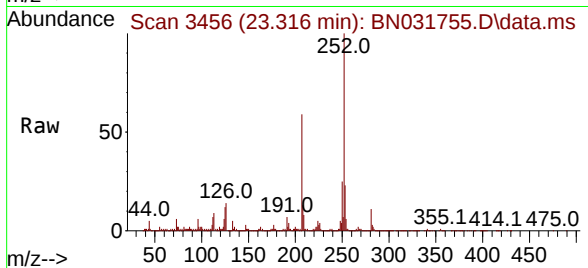
BH6E7

Tgt Ion:252	Resp: 87908
Ion Ratio	Lower Upper
252	100
253	22.9 17.0 25.6
125	12.4 9.2 13.8

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#91

Benzo(k)fluoranthene

Concen: 2.385 ng/ul

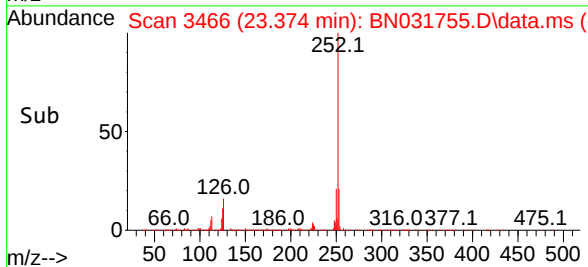
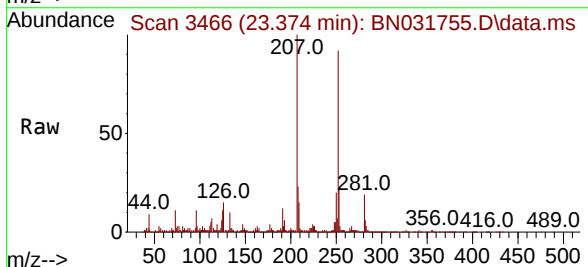
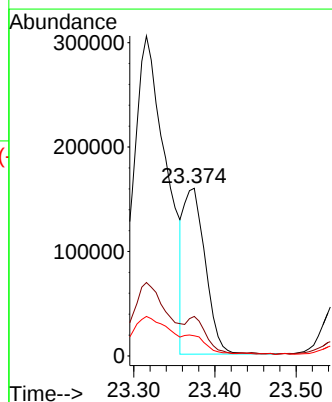
RT: 23.374 min Scan# 3466

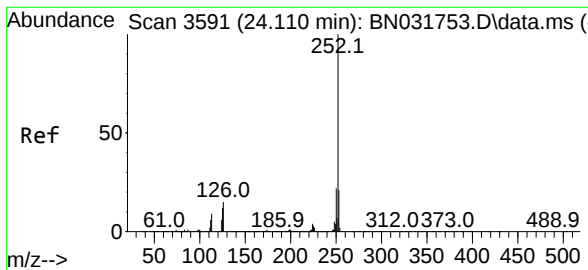
Delta R.T. 0.000 min

Lab File: BN031755.D

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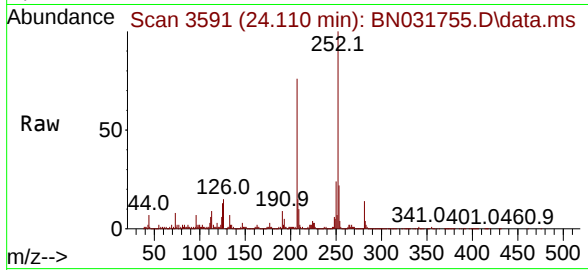
Tgt Ion:252	Resp: 291483
Ion Ratio	Lower Upper
252	100
253	23.6 17.6 26.4
125	12.0 9.4 14.2





#93
Benzo(a)pyrene
Concen: 5.137 ng/ul
RT: 24.110 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BN031755.D
Acq: 03 Jun 2024 11:59

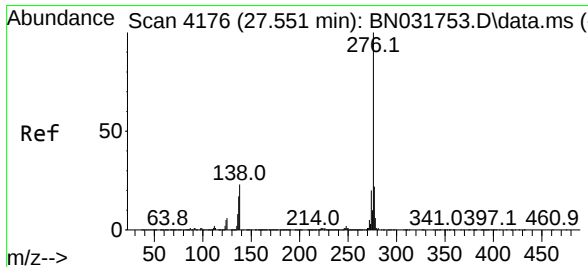
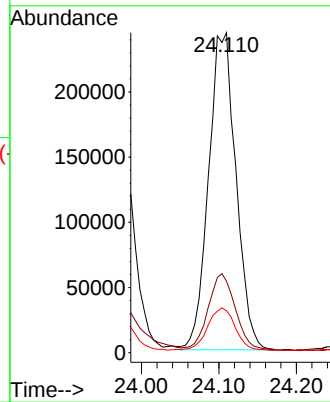
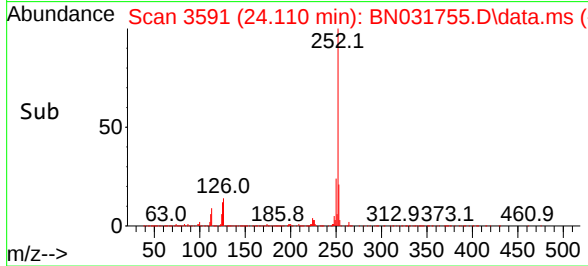
Instrument :
BNA_N
ClientSampleId :
BH6E7



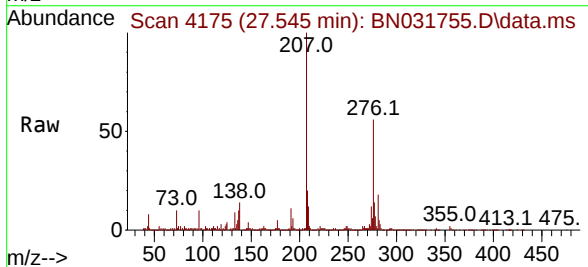
Tgt Ion: 252 Resp: 59927
Ion Ratio Lower Upper
252 100
253 22.4 16.6 24.8
125 13.1 9.8 14.8

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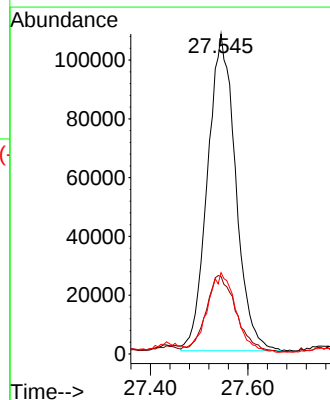
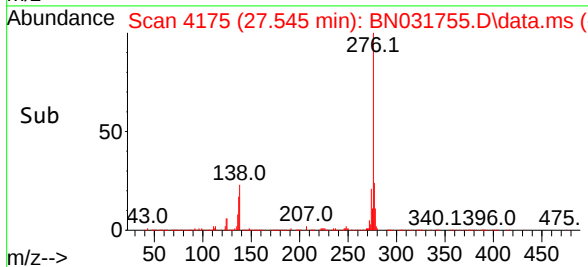
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

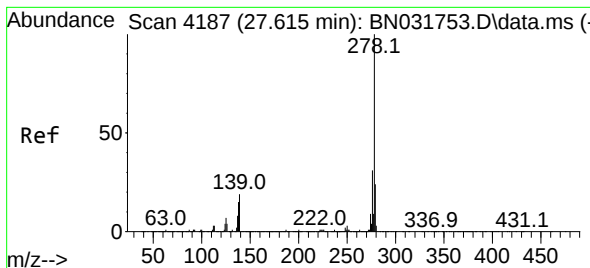


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.208 ng/ul
RT: 27.545 min Scan# 4175
Delta R.T. 0.012 min
Lab File: BN031755.D
Acq: 03 Jun 2024 11:59



Tgt Ion: 276 Resp: 431233
Ion Ratio Lower Upper
276 100
138 24.2 18.1 27.1
277 25.4 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 1.019 ng/ul

RT: 27.592 min Scan# 4187

Delta R.T. -0.012 min

Lab File: BN031755.D

Acq: 03 Jun 2024 11:59

Instrument :

BNA_N

ClientSampleId :

BH6E7

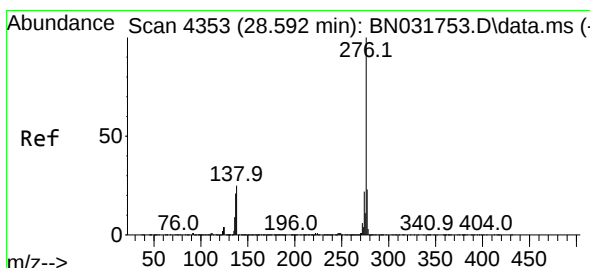
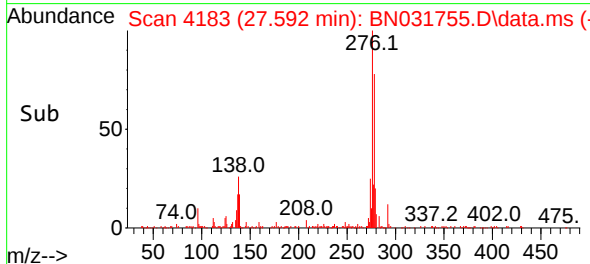
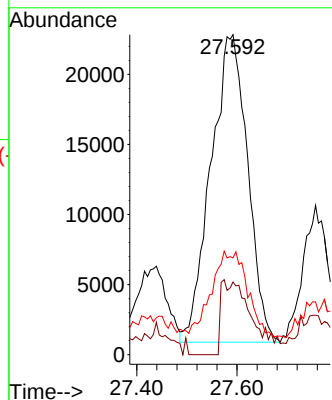
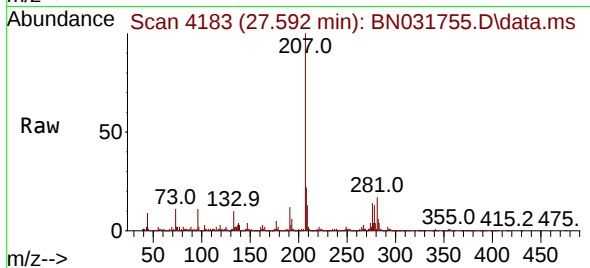
Tgt Ion:278 Resp: 11179

Ion	Ratio	Lower	Upper
278	100		
139	22.7	15.0	22.6
279	30.3	17.4	26.0

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#96

Benzo(g,h,i)perylene

Concen: 3.900 ng/ul

RT: 28.574 min Scan# 4350

Delta R.T. 0.006 min

Lab File: BN031755.D

Acq: 03 Jun 2024 11:59

Tgt Ion:276 Resp: 416819

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.9	31.3
277	24.3	18.0	27.0

