

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032112.D
 Acq On : 21 Jun 2024 01:14
 Operator : MA/JU
 Sample : P2710-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BL4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 21 02:35:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	420581	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1939917	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.281	164	1299070	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	2645780	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1749167	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1711853	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	27402	2.695	ng/uL	0.00
4) Pyridine-d5	3.581	84	23244	0.812	ng/u1	0.01
7) Phenol-d5	6.816	99	664878	18.440	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	367276	17.415	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	579139	21.051	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	571270	19.437	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	305940	20.626	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	331211	21.617	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	600792	21.004	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	448631	10.563	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1928358	21.308	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	2146297	20.625	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	265031	14.626	ng/u1	0.00
60) Fluorene-d10	15.275	176	1630935	21.299	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	224223	16.860	ng/u1	0.00
73) Anthracene-d10	17.128	188	2338273	20.643	ng/u1	0.00
81) Pyrene-d10	19.428	212	2247353	24.010	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.969	264	1179792	14.433	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.075	178	829797	6.157	ng/u1	98
74) Anthracene	17.163	178	140098	1.026	ng/u1	96
80) Fluoranthene	19.092	202	1778599	15.900	ng/u1	98
82) Pyrene	19.457	202	1235596	10.766	ng/u1	95
85) Benzo(a)anthracene	21.245	228	648660	5.540	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.169	149	249245	3.154	ng/u1	100
87) Chrysene	21.304	228	728218m	6.659	ng/u1	
90) Benzo(b)fluoranthene	23.257	252	915808	8.950	ng/u1	99
91) Benzo(k)fluoranthene	23.310	252	237445m	2.365	ng/u1	
93) Benzo(a)pyrene	24.033	252	296674	3.096	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.439	276	275093	2.491	ng/u1	99
95) Dibenzo(a,h)anthracene	27.486	278	94827	1.052	ng/u1#	87

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

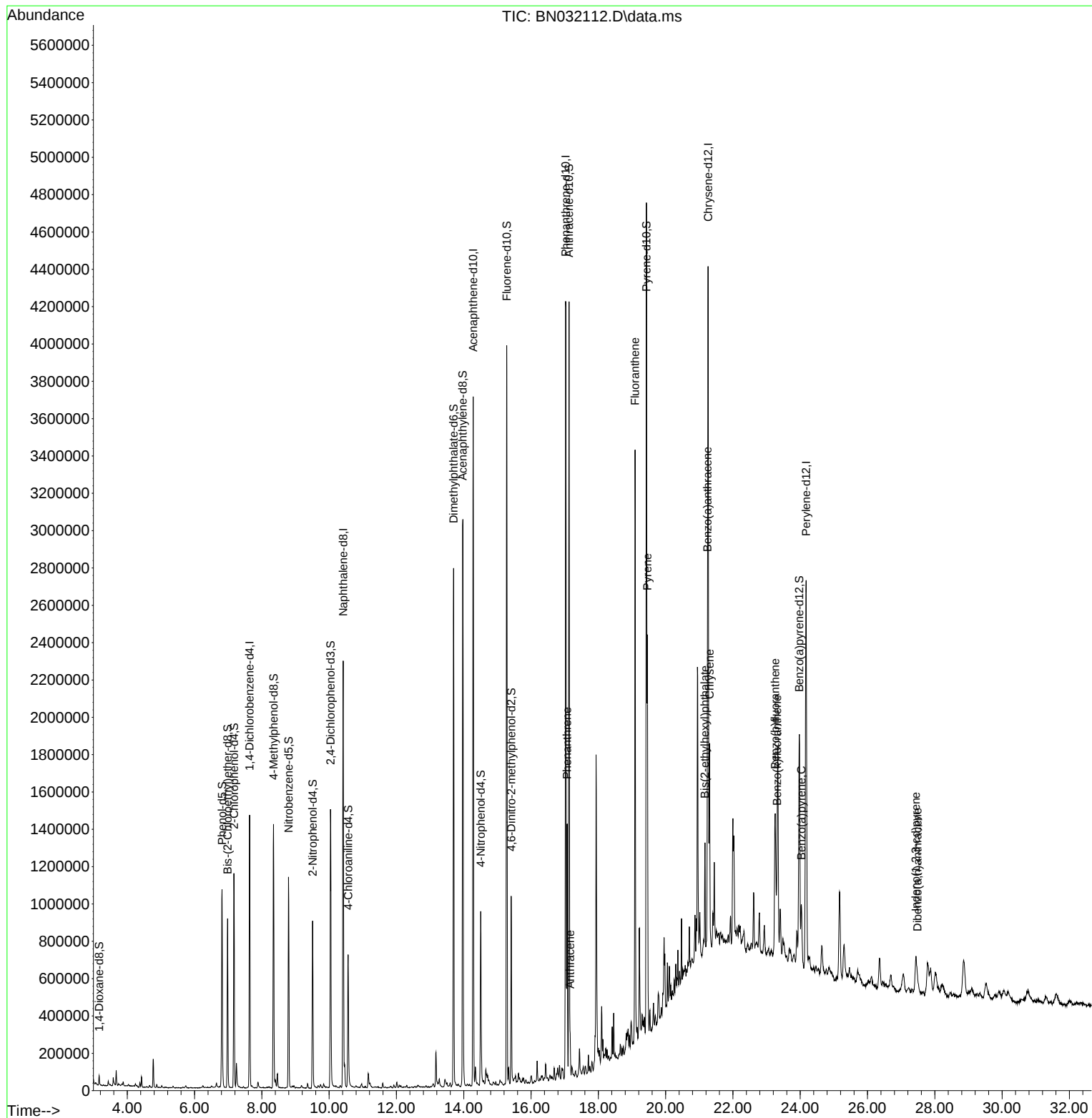
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032112.D
Acq On : 21 Jun 2024 01:14
Operator : MA/JU
Sample : P2710-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

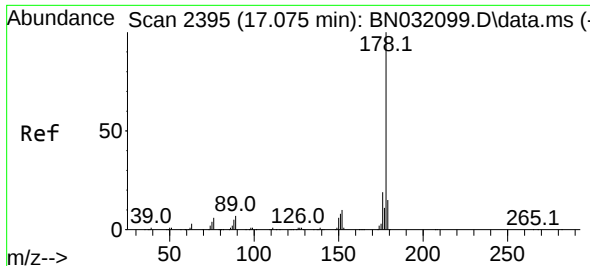
Instrument :
BNA_N
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A4BL4

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Supervised By :mohammad ahmed 06/21/2024

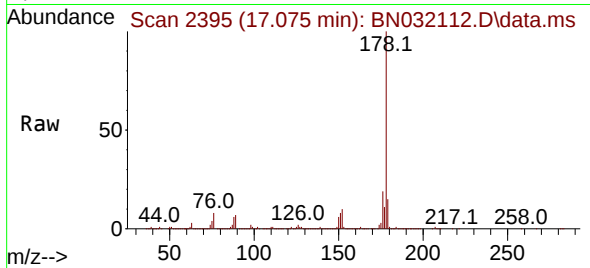
Quant Time: Jun 21 02:35:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 6.157 ng/u1
RT: 17.075 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN032112.D
Acq: 21 Jun 2024 01:14

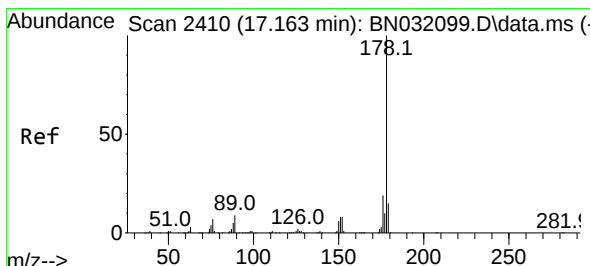
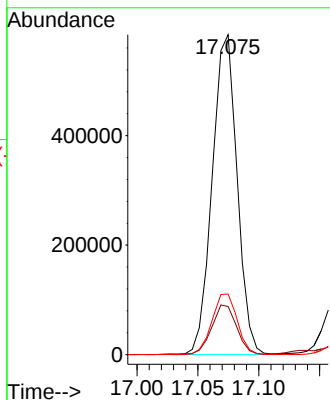
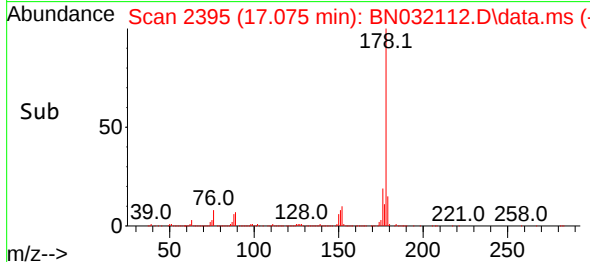
Instrument :
BNA_N
ClientSampleId :
A4BL4



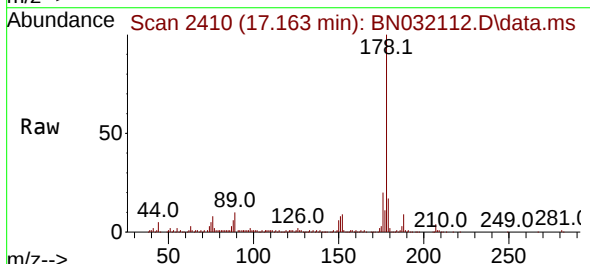
Tgt Ion:178 Resp: 82979
Ion Ratio Lower Upper
178 100
179 15.0 12.6 19.0
176 19.0 15.8 23.6

Manual Integrations
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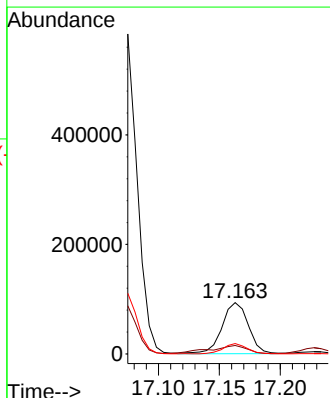
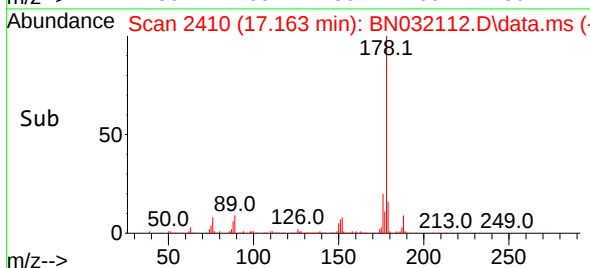
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

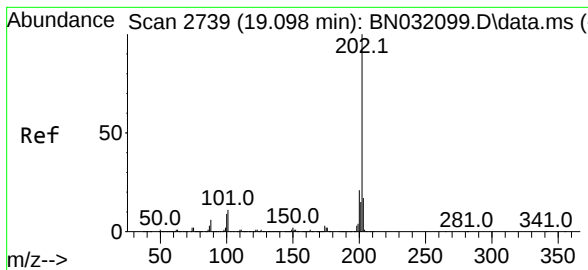


#74
Anthracene
Concen: 1.026 ng/u1
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BN032112.D
Acq: 21 Jun 2024 01:14



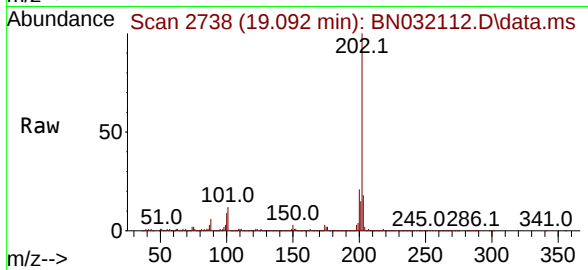
Tgt Ion:178 Resp: 140098
Ion Ratio Lower Upper
178 100
179 16.6 11.8 17.6
176 20.3 14.8 22.2





#80
 Fluoranthene
 Concen: 15.900 ng/ul
 RT: 19.092 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN032112.D
 Acq: 21 Jun 2024 01:14

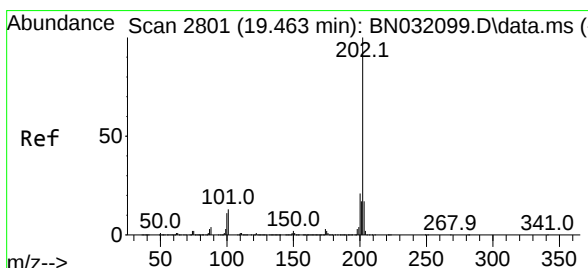
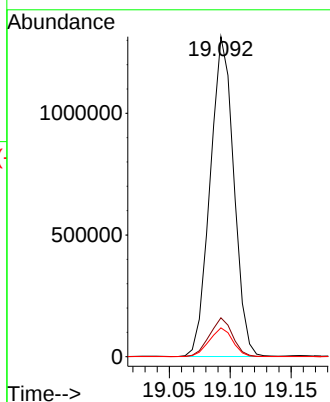
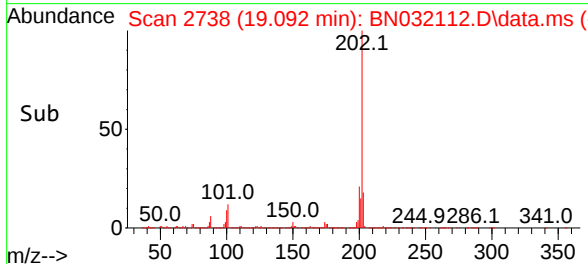
Instrument :
 BNA_N
 ClientSampleId :
 A4BL4



Tgt Ion:202 Resp: 1778599
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.3 15.5
 100 9.0 8.0 12.0

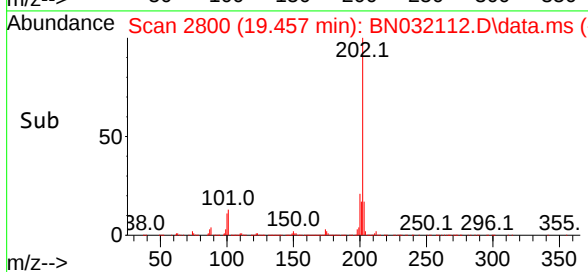
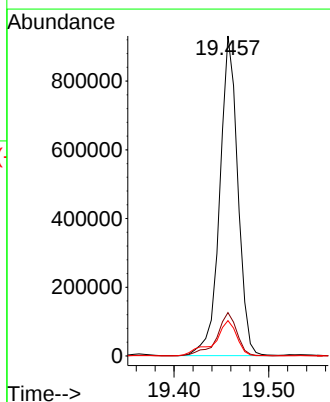
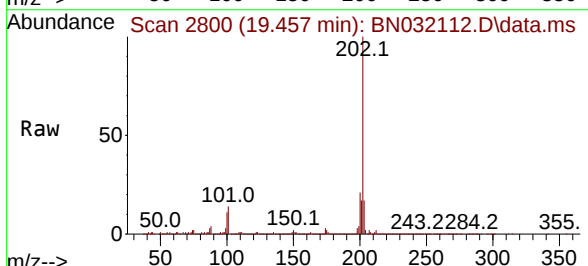
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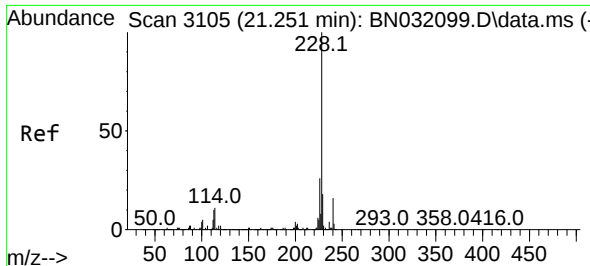
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024



#82
 Pyrene
 Concen: 10.766 ng/ul
 RT: 19.457 min Scan# 2800
 Delta R.T. -0.006 min
 Lab File: BN032112.D
 Acq: 21 Jun 2024 01:14

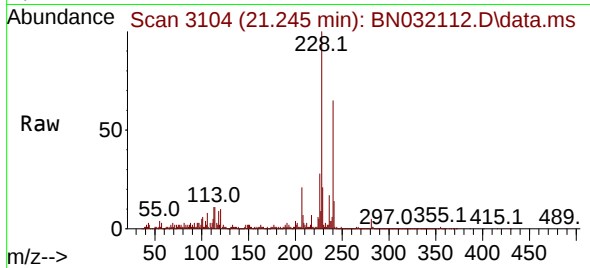
Tgt Ion:202 Resp: 1235596
 Ion Ratio Lower Upper
 202 100
 101 13.5 12.6 18.8
 100 11.1 10.2 15.2





#85
Benzo(a)anthracene
Concen: 5.540 ng/ul
RT: 21.245 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BN032112.D
Acq: 21 Jun 2024 01:14

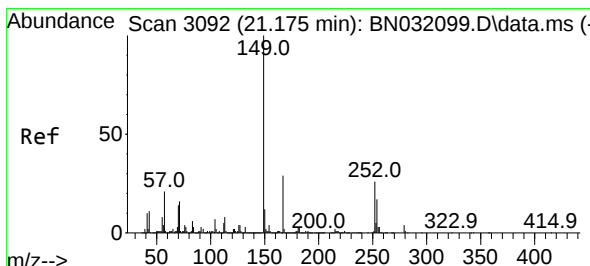
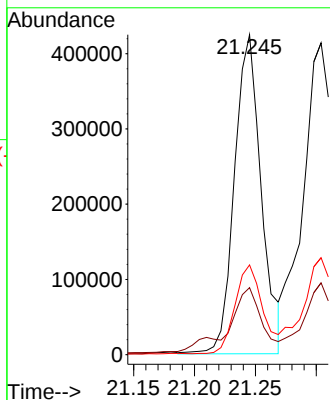
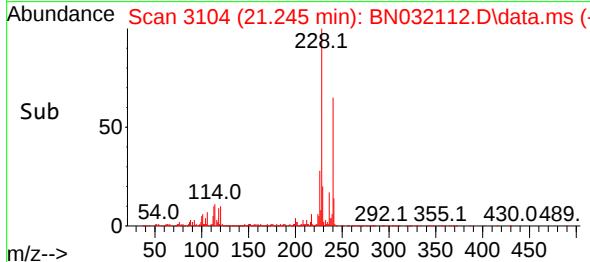
Instrument :
BNA_N
ClientSampleId :
A4BL4



Tgt Ion:228 Resp: 648660
Ion Ratio Lower Upper
228 100
229 20.9 16.7 25.1
226 28.0 22.8 34.2

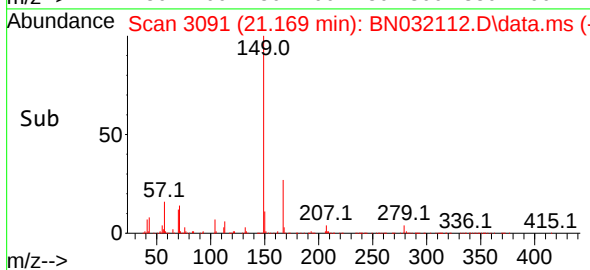
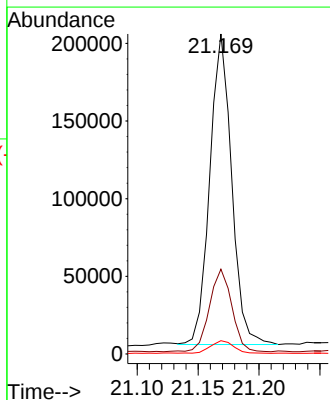
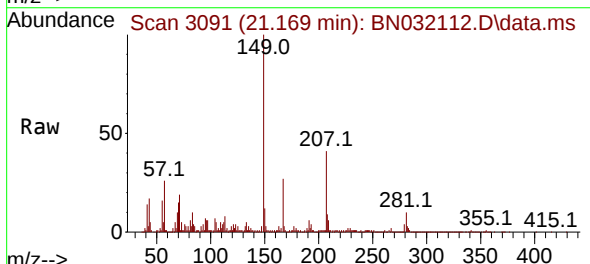
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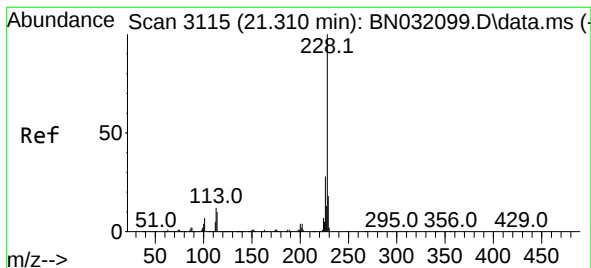
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.154 ng/ul
RT: 21.169 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BN032112.D
Acq: 21 Jun 2024 01:14

Tgt Ion:149 Resp: 249245
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.0
279 4.2 3.3 4.9





#87

Chrysene

Concen: 6.659 ng/ul m

RT: 21.304 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

Instrument :

BNA_N

ClientSampleId :

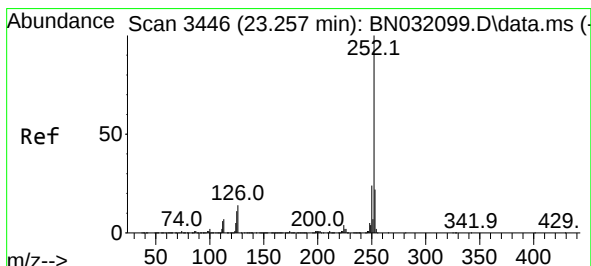
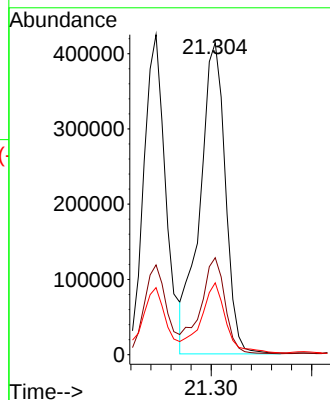
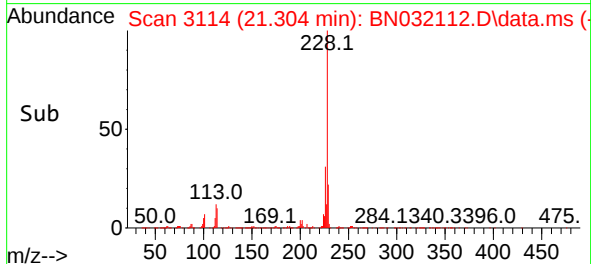
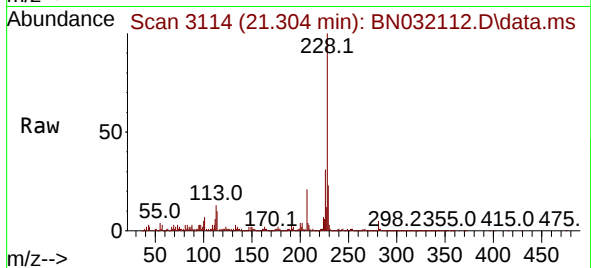
A4BL4

Tgt Ion:	228	Resp:	728218
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.7	35.5
229	23.0	15.1	22.7

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#90

Benzo(b)fluoranthene

Concen: 8.950 ng/ul

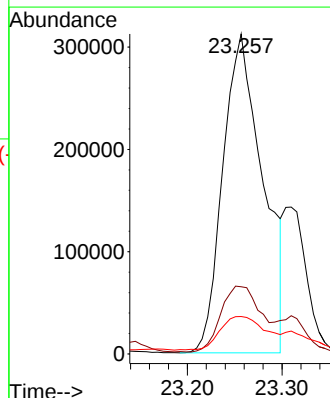
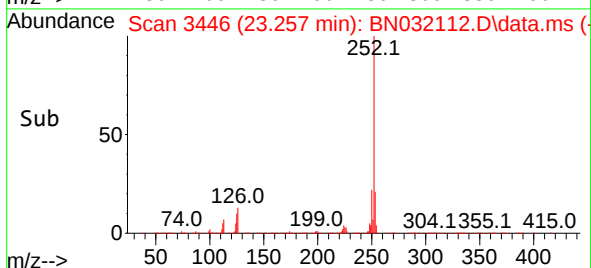
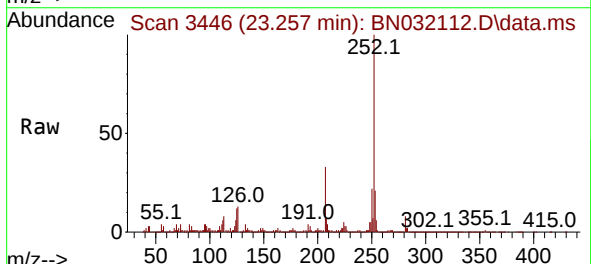
RT: 23.257 min Scan# 3446

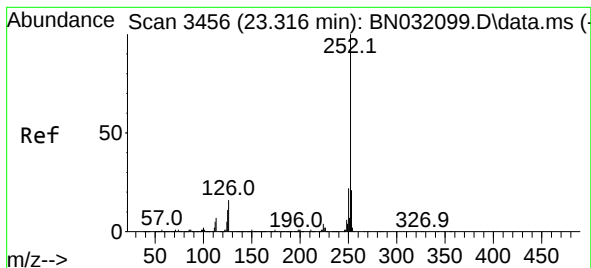
Delta R.T. -0.006 min

Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

Tgt Ion:	252	Resp:	915808
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.0	25.6
125	11.7	9.2	13.8





#91

Benzo(k)fluoranthene

Concen: 2.365 ng/ul m

RT: 23.310 min Scan# 3456

Delta R.T. -0.011 min

Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

Instrument :

BNA_N

ClientSampleId :

A4BL4

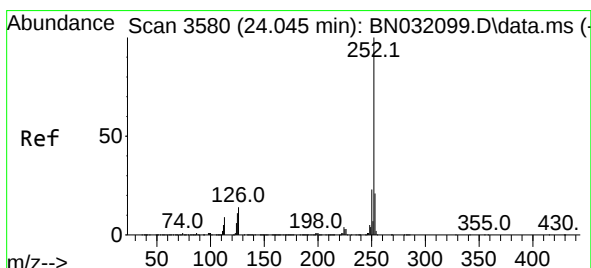
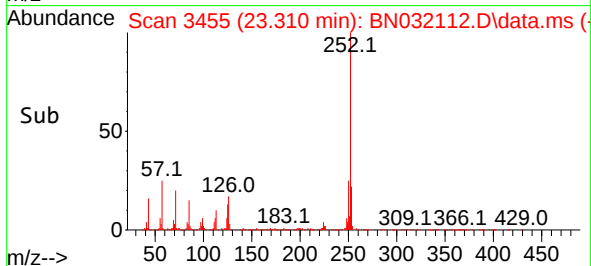
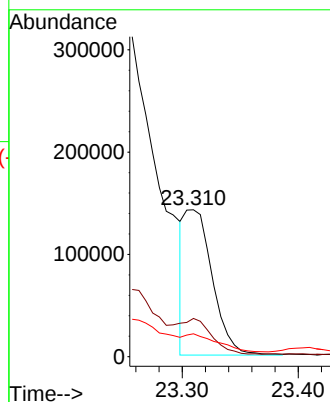
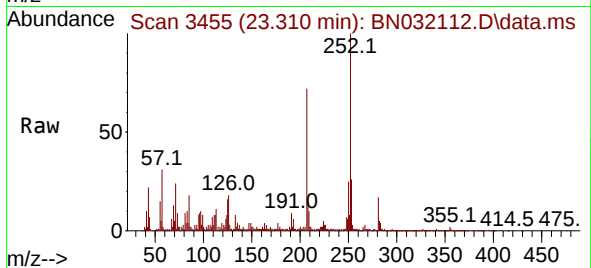
Tgt Ion:252 Resp: 237445

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.6	26.4
125	15.6	9.4	14.2

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#93

Benzo(a)pyrene

Concen: 3.096 ng/ul

RT: 24.033 min Scan# 3578

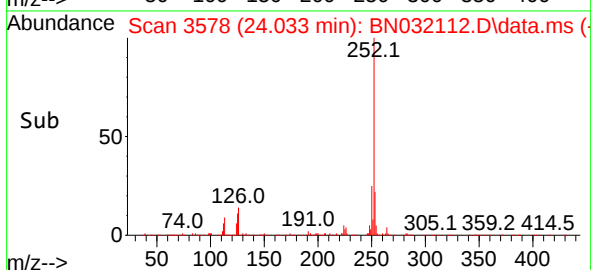
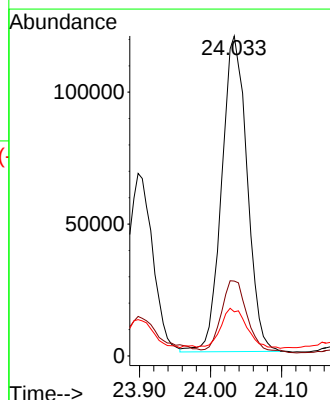
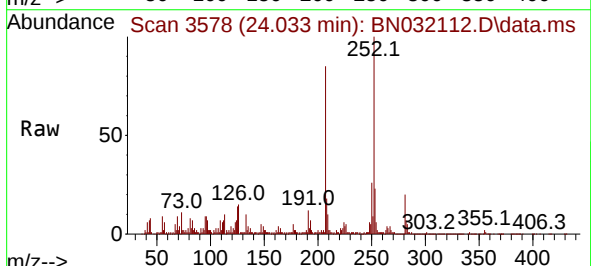
Delta R.T. -0.006 min

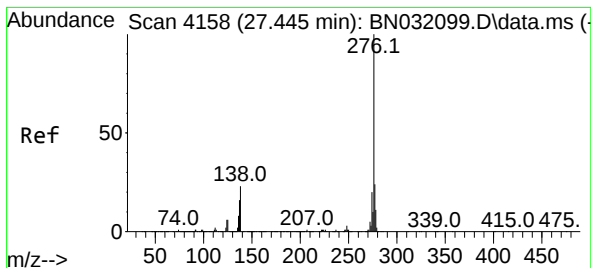
Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

Tgt Ion:252 Resp: 296674

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.6	24.8
125	13.8	9.8	14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.491 ng/ul

RT: 27.439 min Scan# 4158

Delta R.T. -0.006 min

Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

Instrument :

BNA_N

ClientSampleId :

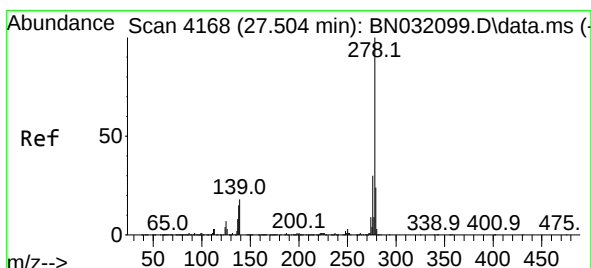
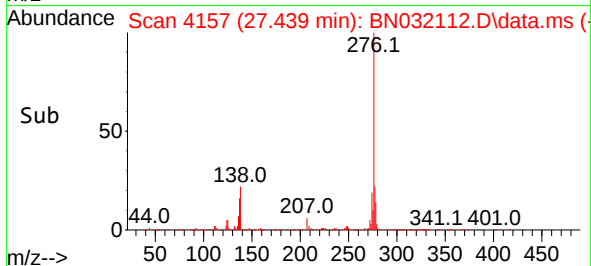
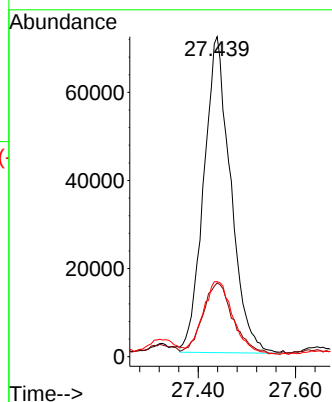
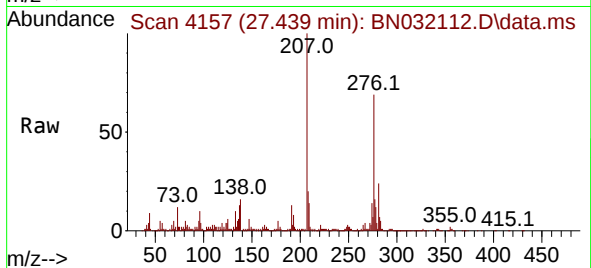
A4BL4

Tgt Ion:	276	Resp:	27509
Ion Ratio	Lower	Upper	
276	100		
138	23.1	18.1	27.1
277	23.5	18.2	27.2

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.052 ng/ul

RT: 27.486 min Scan# 4165

Delta R.T. -0.017 min

Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

Tgt Ion:	278	Resp:	94827
Ion Ratio	Lower	Upper	
278	100		
139	19.0	15.0	22.6
279	33.2	17.4	26.0

