

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034629.D
 Acq On : 17 Oct 2024 19:56
 Operator : RC/JU
 Sample : P4360-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4FC8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 17 23:58:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	250708	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1057467	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	604762	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1153762	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1031370	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1207181	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	12877	2.055	ng/uL	0.00
4) Pyridine-d5	3.605	84	46774	2.557	ng/u1	0.00
7) Phenol-d5	6.834	99	251574	12.227	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	154650	12.185	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	194993	12.268	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	185749	11.584	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	89662	12.184	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	65936	11.338	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	172949	12.903	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	109438	4.760	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	532963	13.930	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	650432	13.687	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	66229	9.292	ng/u1	0.00
60) Fluorene-d10	15.292	176	491962	14.867	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	20066	5.189	ng/u1	0.00
73) Anthracene-d10	17.133	188	730361	14.808	ng/u1	0.00
81) Pyrene-d10	19.433	212	709566	13.399	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	547664	9.846	ng/u1	-0.01
Target Compounds					Qvalue	
8) Phenol	6.858	94	30670	1.428	ng/u1	94
16) Acetophenone	8.475	105	127340	4.973	ng/u1	100
72) Phenanthrene	17.081	178	370561	6.435	ng/u1	98
74) Anthracene	17.169	178	71709	1.205	ng/u1	99
80) Fluoranthene	19.098	202	682364	10.741	ng/u1	97
82) Pyrene	19.457	202	488043	7.212	ng/u1	99
85) Benzo(a)anthracene	21.245	228	286567	4.373	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	55534	1.411	ng/u1	98
87) Chrysene	21.304	228	327176m	5.260	ng/u1	
90) Benzo(b)fluoranthene	23.251	252	401583m	6.191	ng/u1	
91) Benzo(k)fluoranthene	23.304	252	139147	2.099	ng/u1	93
93) Benzo(a)pyrene	24.015	252	143246	2.281	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.386	276	136999	1.748	ng/u1	94

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

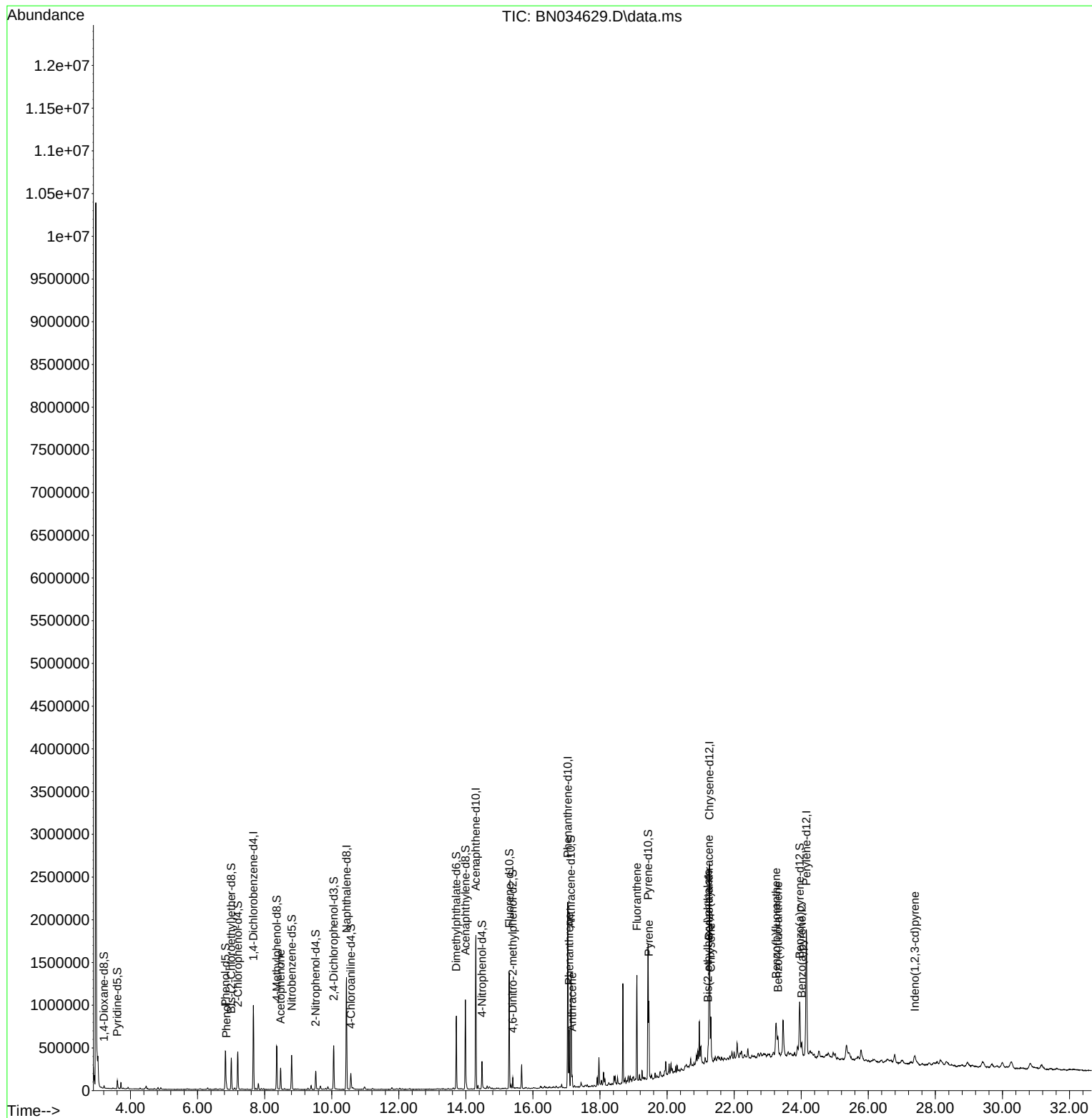
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034629.D
Acq On : 17 Oct 2024 19:56
Operator : RC/JU
Sample : P4360-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

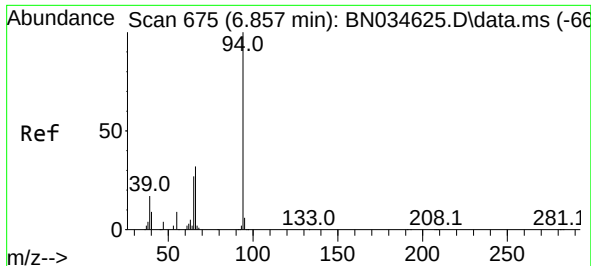
Instrument :
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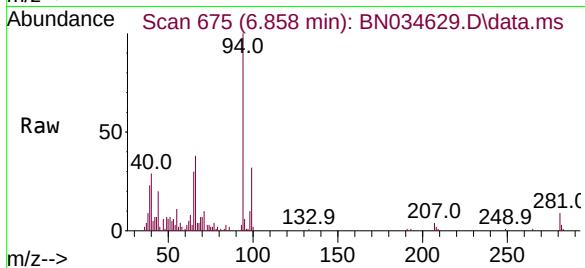
Quant Time: Oct 17 23:58:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.428 ng/ul
RT: 6.858 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034629.D
Acq: 17 Oct 2024 19:56

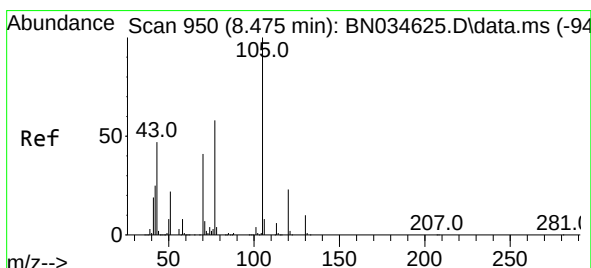
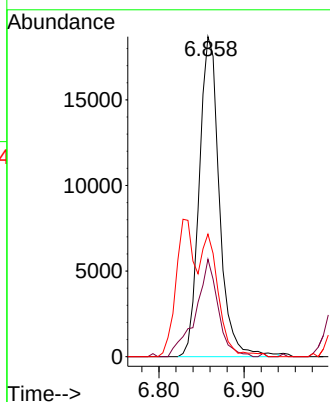
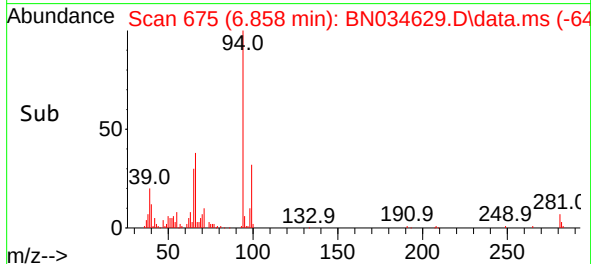
Instrument :
BNA_N
ClientSampleId :
A4FC8



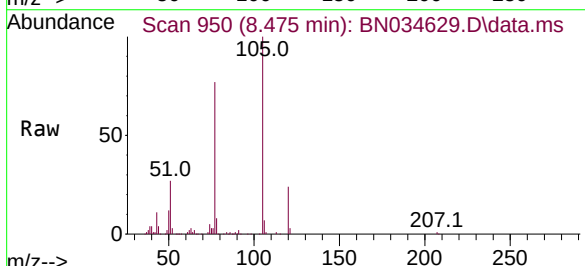
Tgt Ion: 94 Resp: 30670
Ion Ratio Lower Upper
94 100
65 30.5 22.2 33.4
66 38.3 27.4 41.0

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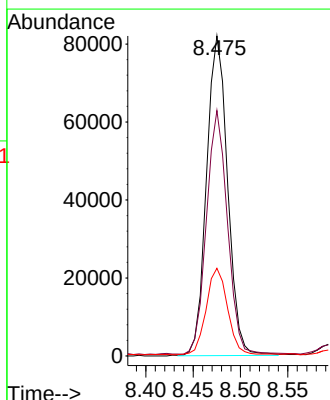
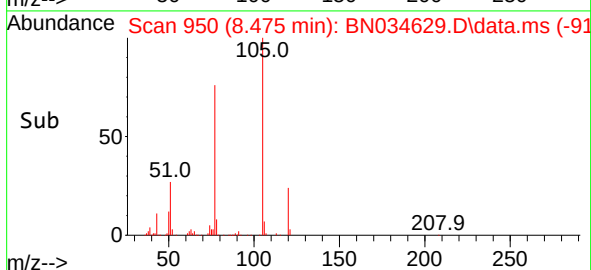
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024

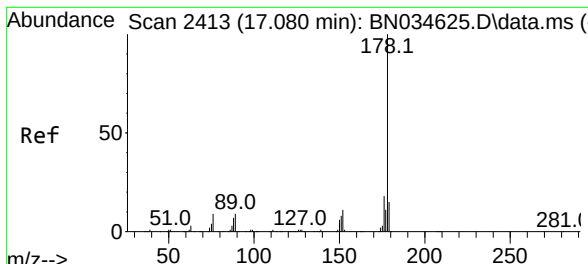


#16
Acetophenone
Concen: 4.973 ng/ul
RT: 8.475 min Scan# 950
Delta R.T. 0.000 min
Lab File: BN034629.D
Acq: 17 Oct 2024 19:56



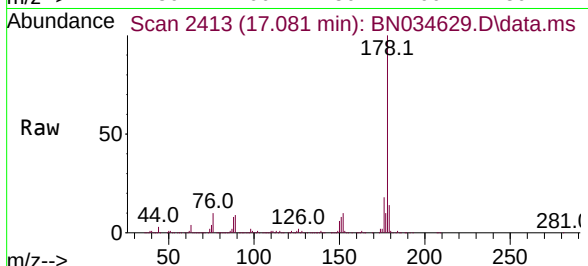
Tgt Ion:105 Resp: 127340
Ion Ratio Lower Upper
105 100
77 76.7 61.4 92.0
51 27.4 22.1 33.1





#72
Phenanthrene
Concen: 6.435 ng/ul
RT: 17.081 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BN034629.D
Acq: 17 Oct 2024 19:56

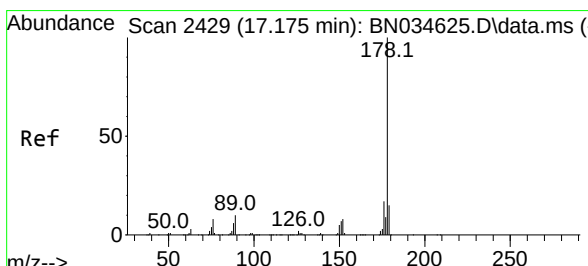
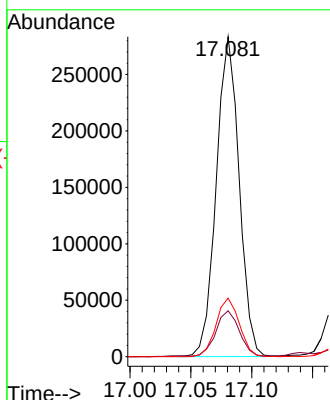
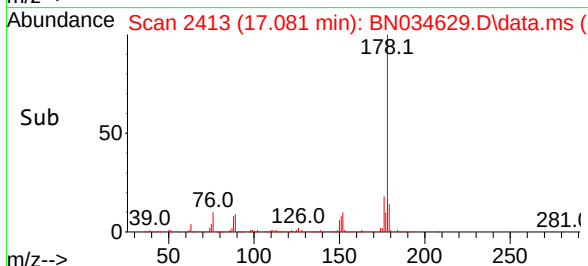
Instrument :
BNA_N
ClientSampleId :
A4FC8



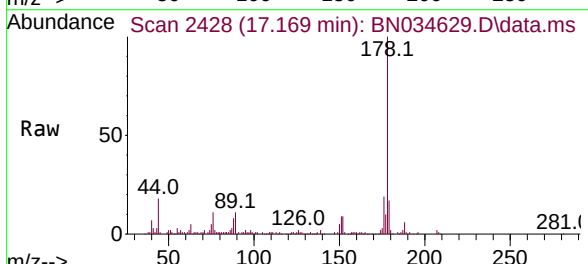
Tgt Ion:178 Resp: 37056
Ion Ratio Lower Upper
178 100
179 14.3 12.2 18.4
176 18.3 15.5 23.3

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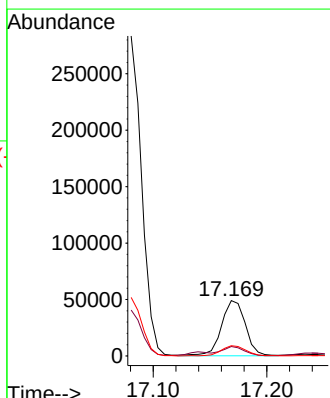
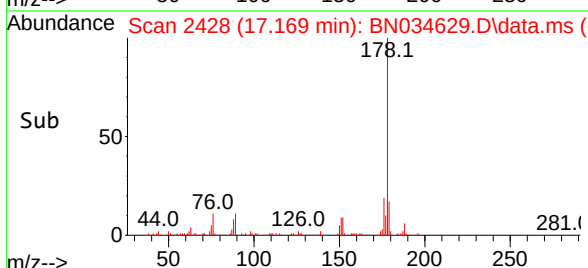
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024

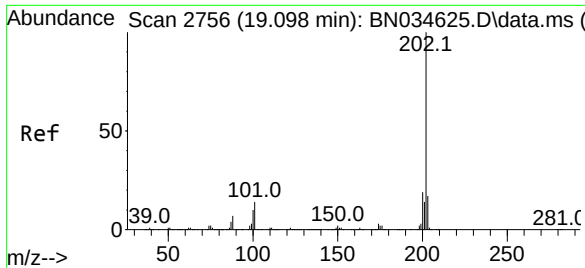


#74
Anthracene
Concen: 1.205 ng/ul
RT: 17.169 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BN034629.D
Acq: 17 Oct 2024 19:56



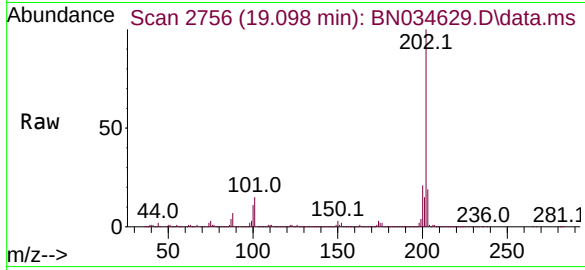
Tgt Ion:178 Resp: 71709
Ion Ratio Lower Upper
178 100
179 17.1 12.9 19.3
176 18.6 14.7 22.1





#80
Fluoranthene
Concen: 10.741 ng/u1
RT: 19.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034629.D
Acq: 17 Oct 2024 19:56

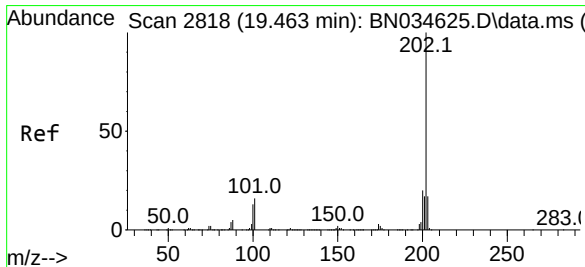
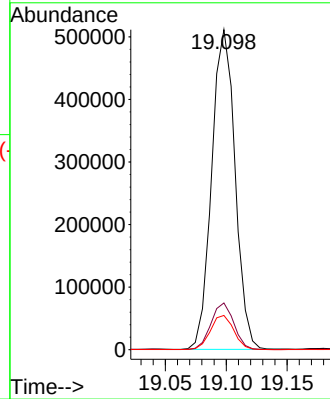
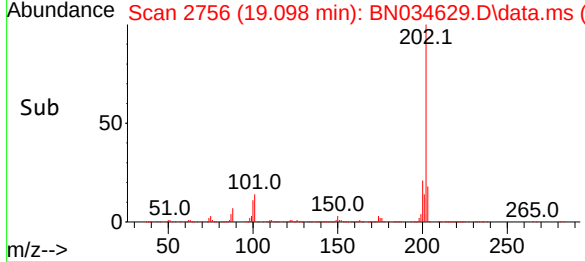
Instrument :
BNA_N
ClientSampleId :
A4FC8



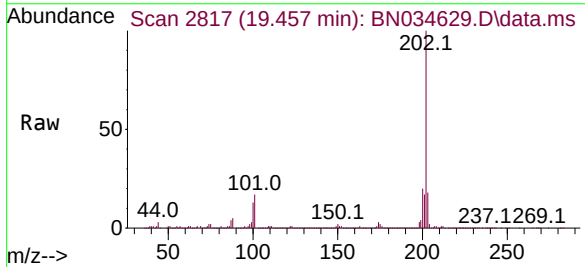
Tgt Ion:202 Resp: 682364
Ion Ratio Lower Upper
202 100
101 14.6 10.6 15.8
100 10.7 8.2 12.2

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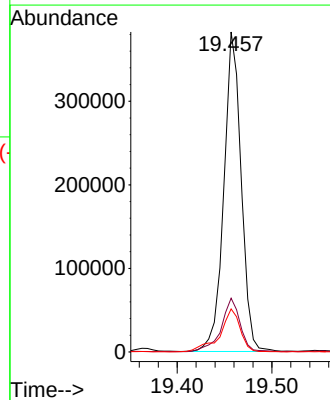
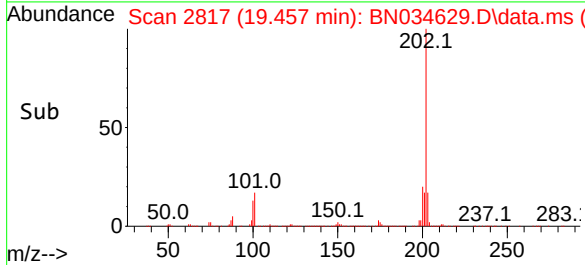
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024

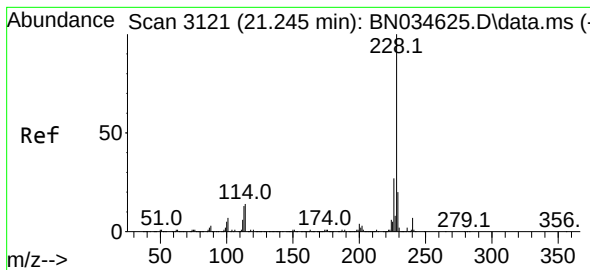


#82
Pyrene
Concen: 7.212 ng/u1
RT: 19.457 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BN034629.D
Acq: 17 Oct 2024 19:56



Tgt Ion:202 Resp: 488043
Ion Ratio Lower Upper
202 100
101 16.8 12.9 19.3
100 13.5 10.7 16.1





#85

Benzo(a)anthracene

Concen: 4.373 ng/ul

RT: 21.245 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN034629.D

Acq: 17 Oct 2024 19:56

Instrument :

BNA_N

ClientSampleId :

A4FC8

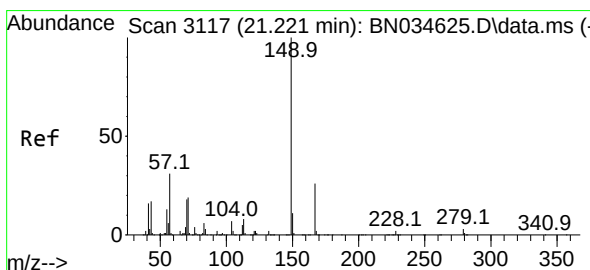
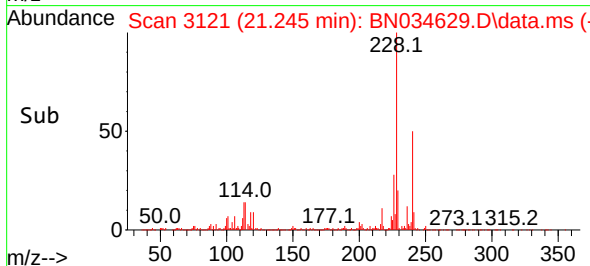
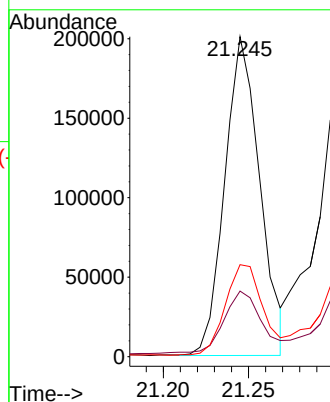
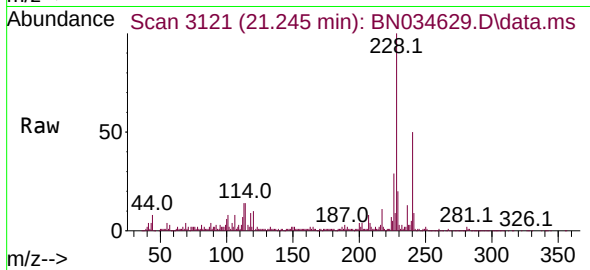
Tgt Ion:	228	Resp:	28656
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.7	23.5
226	28.8	21.3	31.9

Manual Integrations

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Supervised By :mohammad ahmed 10/21/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.411 ng/ul

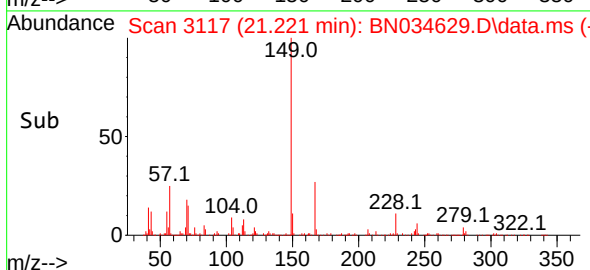
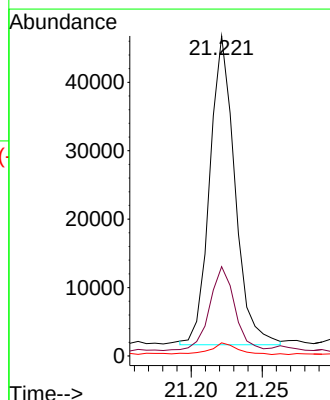
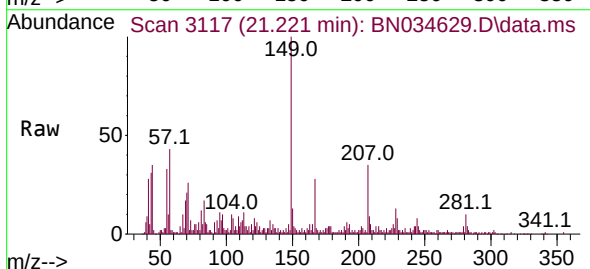
RT: 21.221 min Scan# 3117

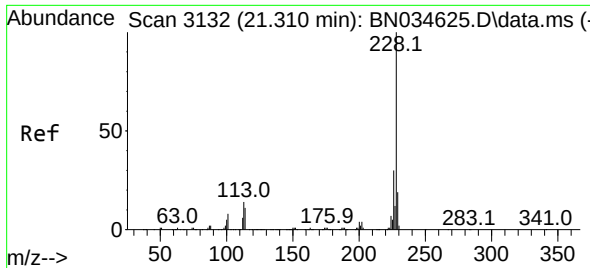
Delta R.T. -0.006 min

Lab File: BN034629.D

Acq: 17 Oct 2024 19:56

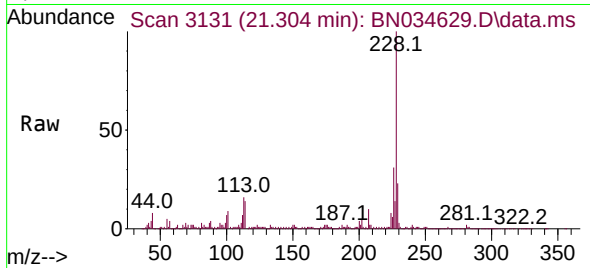
Tgt Ion:	149	Resp:	55534
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.6	32.4
279	4.1	2.9	4.3





#87
Chrysene
Concen: 5.260 ng/ul m
RT: 21.304 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BN034629.D
Acq: 17 Oct 2024 19:56

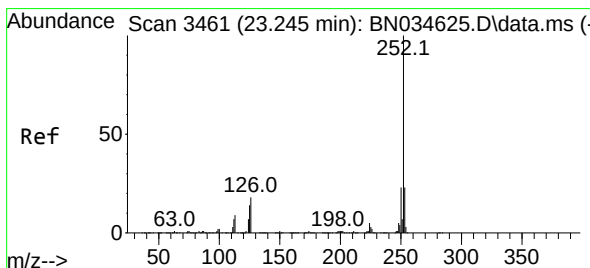
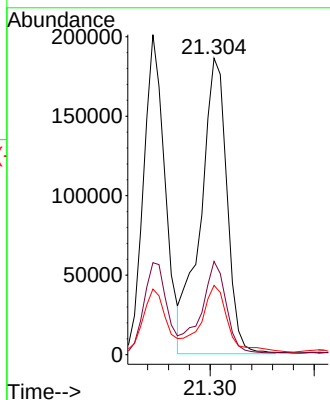
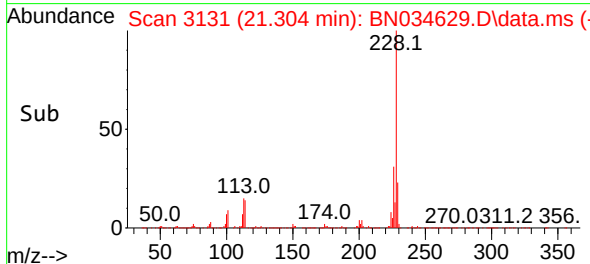
Instrument :
BNA_N
ClientSampleId :
A4FC8



Tgt Ion:228 Resp: 327170
Ion Ratio Lower Upper
228 100
226 31.4 22.6 34.0
229 23.4 15.2 22.8

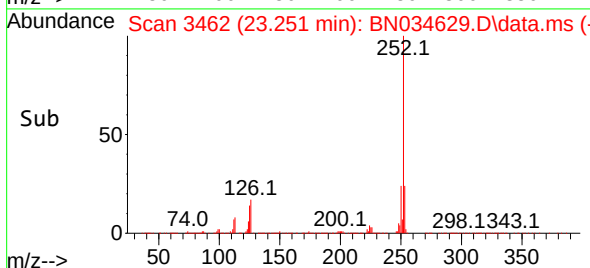
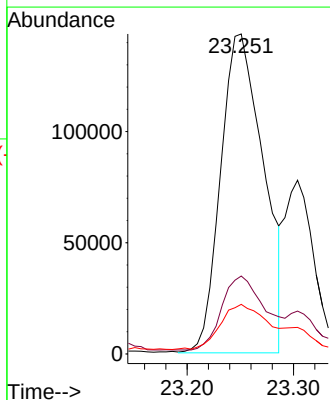
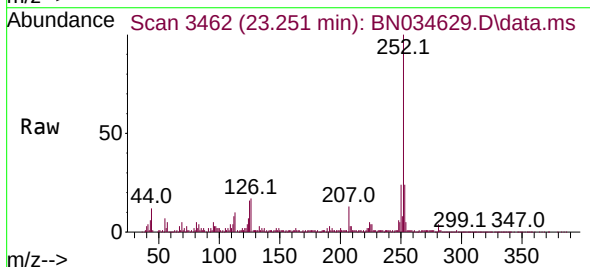
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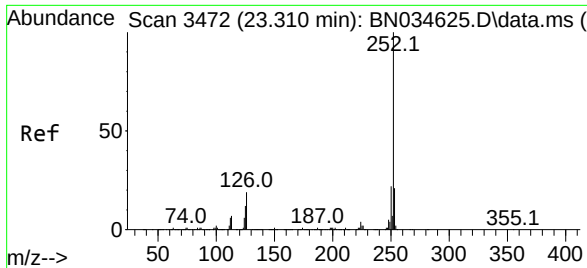
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024



#90
Benzo(b)fluoranthene
Concen: 6.191 ng/ul m
RT: 23.251 min Scan# 3462
Delta R.T. -0.006 min
Lab File: BN034629.D
Acq: 17 Oct 2024 19:56

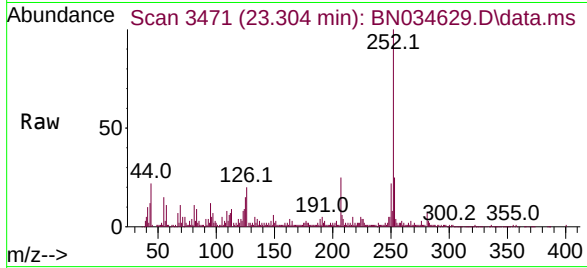
Tgt Ion:252 Resp: 401583
Ion Ratio Lower Upper
252 100
253 24.3 17.3 25.9
125 15.5 10.3 15.5





#91
Benzo(k)fluoranthene
Concen: 2.099 ng/u1
RT: 23.304 min Scan# 3472
Delta R.T. -0.012 min
Lab File: BN034629.D
Acq: 17 Oct 2024 19:56

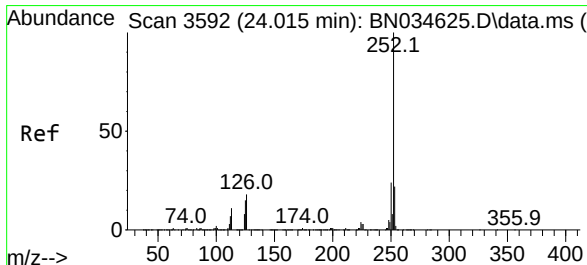
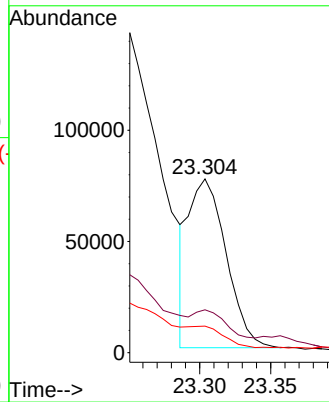
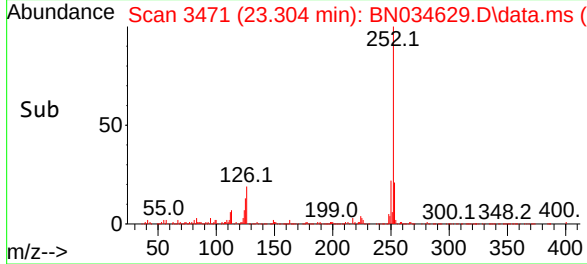
Instrument :
BNA_N
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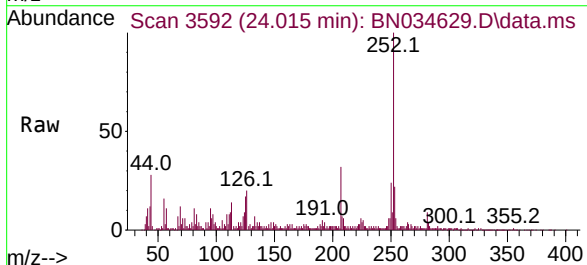
Tgt Ion:252 Resp: 13914
Ion Ratio Lower Upper
252 100
253 24.6 17.1 25.7
125 15.3 10.3 15.5

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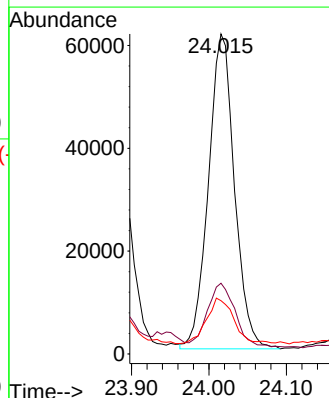
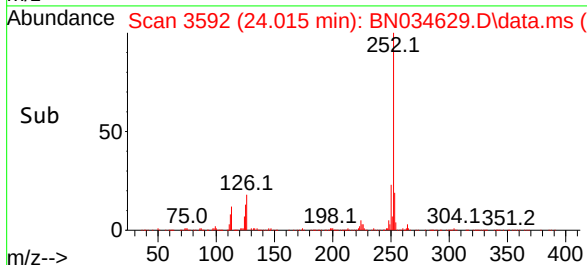
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024

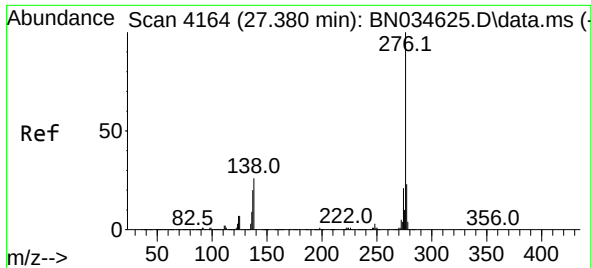


#93
Benzo(a)pyrene
Concen: 2.281 ng/u1
RT: 24.015 min Scan# 3592
Delta R.T. -0.012 min
Lab File: BN034629.D
Acq: 17 Oct 2024 19:56



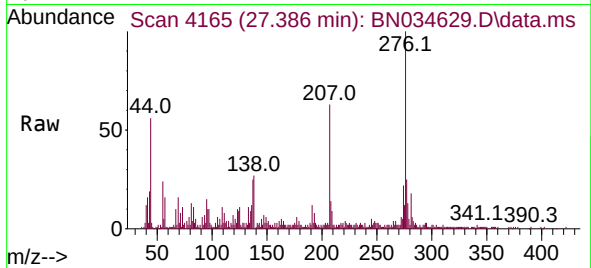
Tgt Ion:252 Resp: 143246
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 16.6 11.7 17.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.748 ng/ul
 RT: 27.386 min Scan# 4165
 Delta R.T. -0.006 min
 Lab File: BN034629.D
 Acq: 17 Oct 2024 19:56

Instrument :
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Tgt Ion: 276 Resp: 136999
 Ion Ratio Lower Upper
 276 100
 138 27.1 19.5 29.3
 277 25.0 17.7 26.5

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 Supervised By : mohammad ahmed 10/21/2024

