

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032241.D
 Acq On : 25 Jun 2024 14:00
 Operator : MA/JU
 Sample : P2844-24
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C49

Manual Integrations
 APPROVED

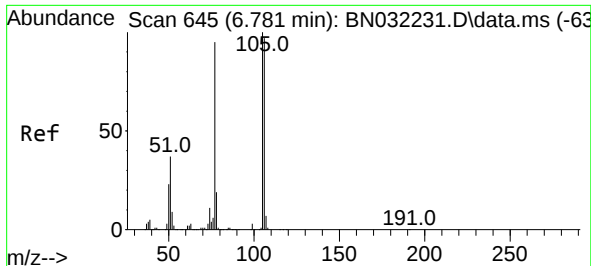
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Jagrut Upadhyay 06/26/2024

Quant Time: Jun 25 15:05:20 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)

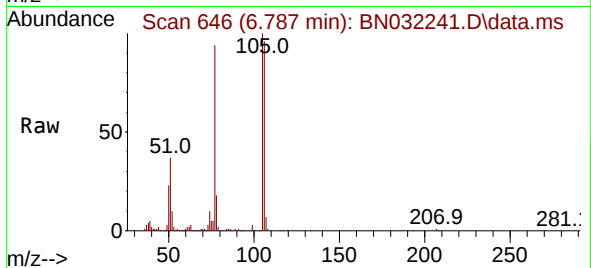
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	274176	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1057930	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	630947	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1232971	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	1141089	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1371231	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	24575	3.708	ng/uL	0.00
4) Pyridine-d5	3.587	84	40827	2.188	ng/u1	0.02
7) Phenol-d5	6.816	99	523679	22.280	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	276254	20.093	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	461031	25.706	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	410364	21.418	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	222855	27.551	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	242761	29.053	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	405285	25.981	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	139889	6.040	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1144874	26.046	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1359105	26.891	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	210202	23.884	ng/u1	0.02
60) Fluorene-d10	15.275	176	996861	26.803	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	86657	13.983	ng/u1	0.00
73) Anthracene-d10	17.128	188	1508655	28.580	ng/u1	0.00
81) Pyrene-d10	19.433	212	1530232	25.060	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1283213	19.598	ng/u1	0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.787	77	134541	12.204	ng/u1	94
16) Acetophenone	8.451	105	42683	1.470	ng/u1	96
72) Phenanthrene	17.069	178	195475	3.112	ng/u1	100
80) Fluoranthene	19.098	202	340287	4.663	ng/u1	99
82) Pyrene	19.463	202	280067	3.741	ng/u1	94
85) Benzo(a)anthracene	21.251	228	162878	2.133	ng/u1	99
87) Chrysene	21.310	228	175111	2.455	ng/u1	97
90) Benzo(b)fluoranthene	23.268	252	231385	2.823	ng/u1#	93
91) Benzo(k)fluoranthene	23.321	252	94031m	1.169	ng/u1	
93) Benzo(a)pyrene	24.051	252	102149	1.331	ng/u1#	88
94) Indeno(1,2,3-cd)pyrene	27.474	276	93715	1.059	ng/u1	94

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



#6
Benzaldehyde
Concen: 12.204 ng/ul
RT: 6.787 min Scan# 645
Delta R.T. -0.006 min
Lab File: BN032241.D
Acq: 25 Jun 2024 14:00

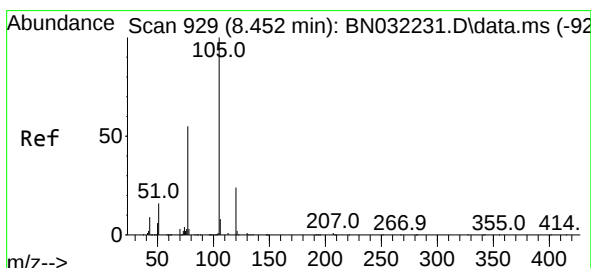
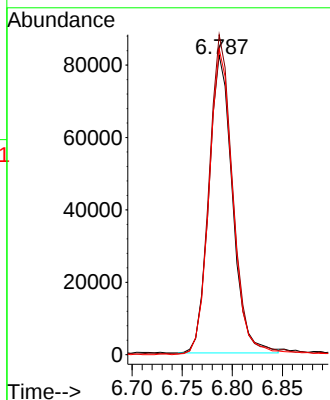
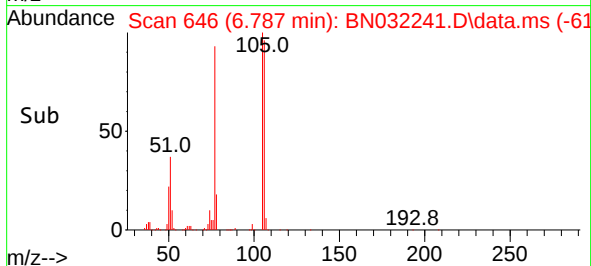
Instrument :
BNA_N
ClientSampleId :
A4C49



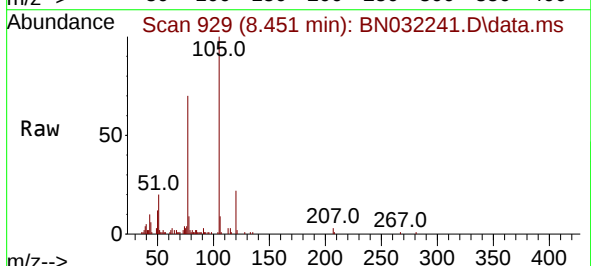
Tgt Ion: 77 Resp: 13454
Ion Ratio Lower Upper
77 100
105 106.8 80.2 120.4
106 102.0 76.8 115.2

Manual Integrations
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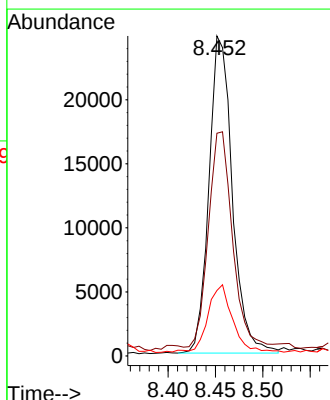
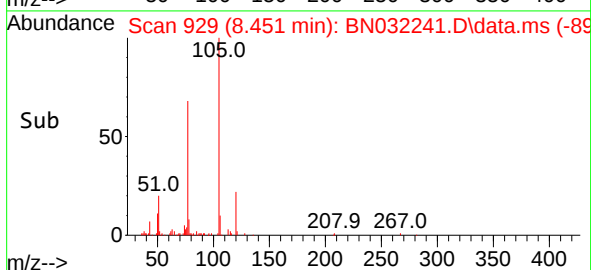
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024

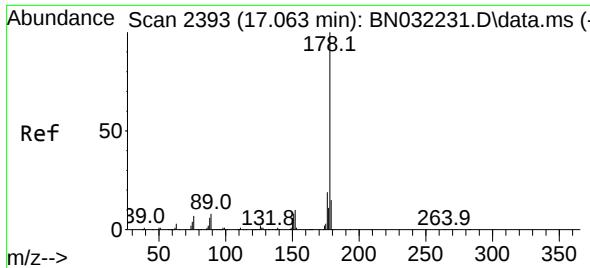


#16
Acetophenone
Concen: 1.470 ng/ul
RT: 8.451 min Scan# 929
Delta R.T. -0.012 min
Lab File: BN032241.D
Acq: 25 Jun 2024 14:00



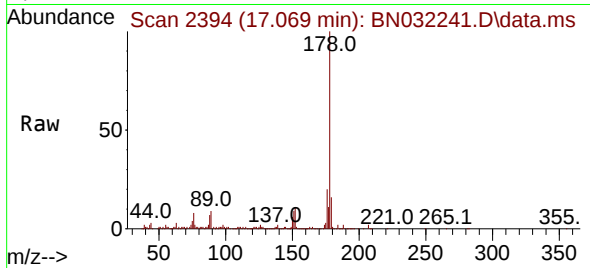
Tgt Ion:105 Resp: 42683
Ion Ratio Lower Upper
105 100
77 69.6 58.6 87.8
51 20.5 17.2 25.8





#72
Phenanthrene
Concen: 3.112 ng/ul
RT: 17.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032241.D
Acq: 25 Jun 2024 14:00

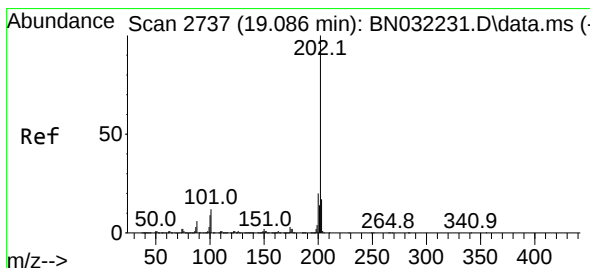
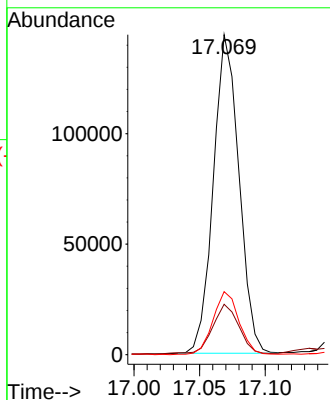
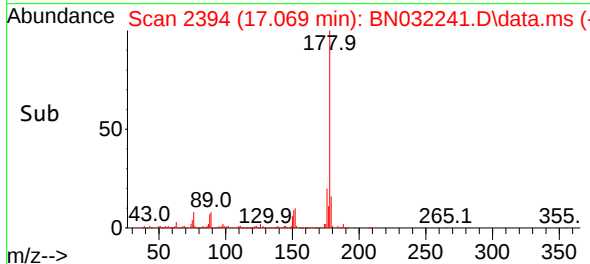
Instrument :
BNA_N
ClientSampleId :
A4C49



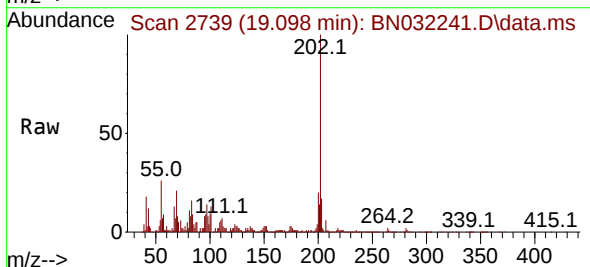
Tgt Ion:178 Resp: 195475
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.7 15.8 23.6

Manual Integrations
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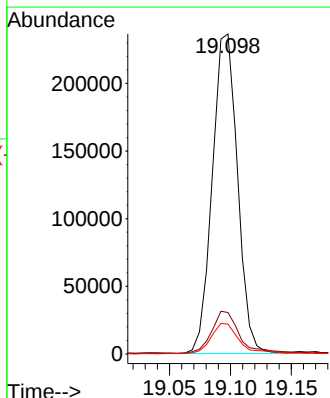
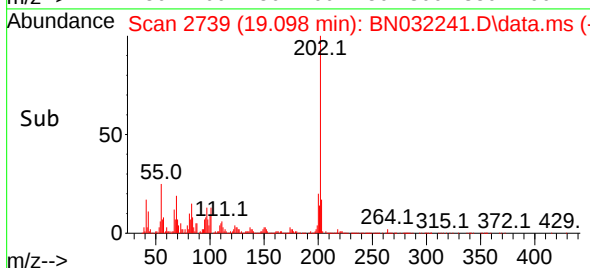
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024

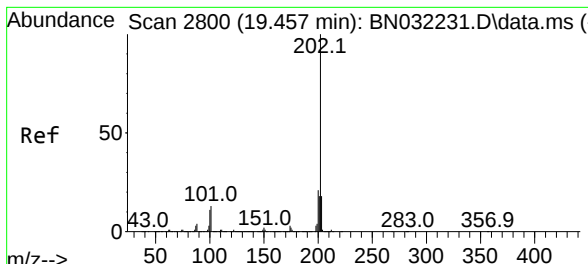


#80
Fluoranthene
Concen: 4.663 ng/ul
RT: 19.098 min Scan# 2739
Delta R.T. 0.000 min
Lab File: BN032241.D
Acq: 25 Jun 2024 14:00



Tgt Ion:202 Resp: 340287
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 9.3 8.0 12.0





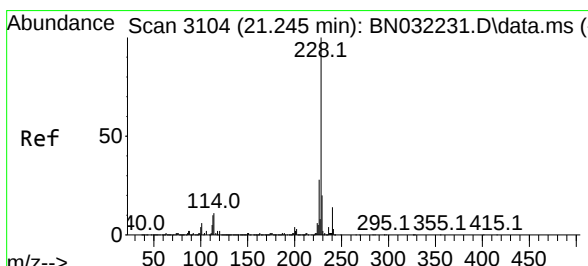
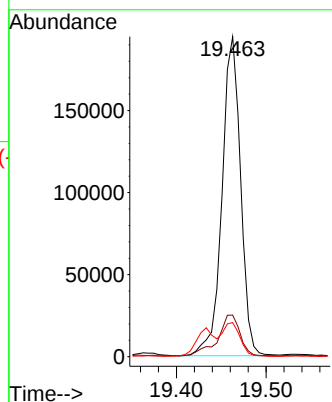
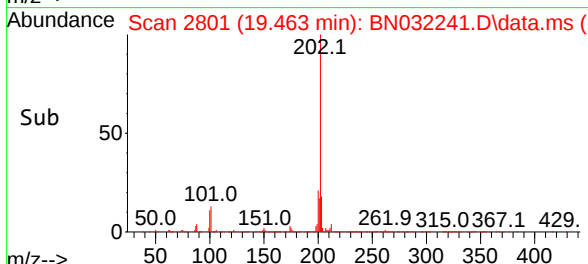
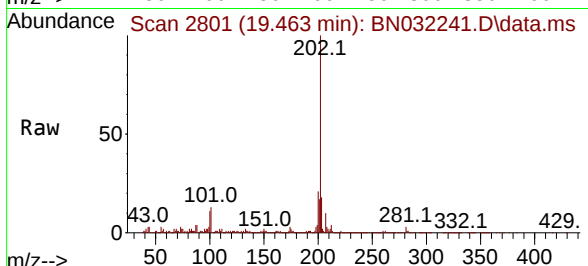
#82
 Pyrene
 Concen: 3.741 ng/ul
 RT: 19.463 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: BN032241.D
 Acq: 25 Jun 2024 14:00

Instrument :
 BNA_N
 ClientSampleId :
 A4C49

Tgt Ion:	202	Resp:	28006
Ion Ratio	Lower	Upper	
202	100		
101	13.0	12.6	18.8
100	10.6	10.2	15.2

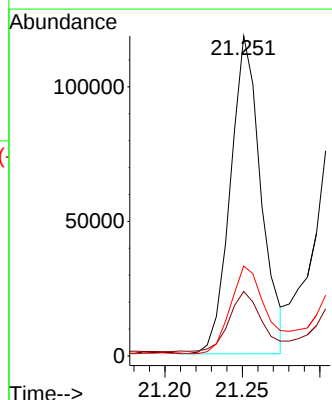
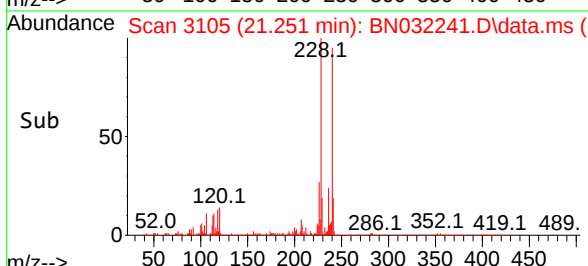
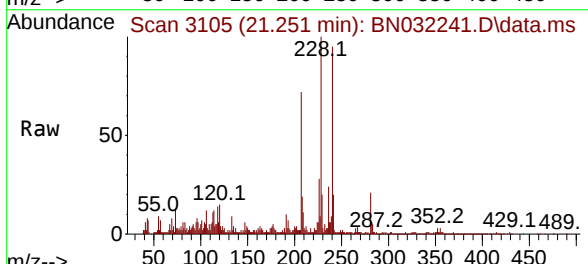
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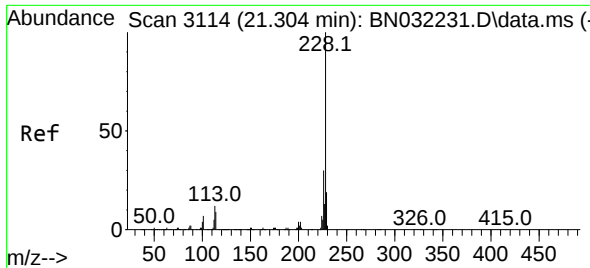
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Jagrut Upadhyay 06/26/2024



#85
 Benzo(a)anthracene
 Concen: 2.133 ng/ul
 RT: 21.251 min Scan# 3105
 Delta R.T. 0.000 min
 Lab File: BN032241.D
 Acq: 25 Jun 2024 14:00

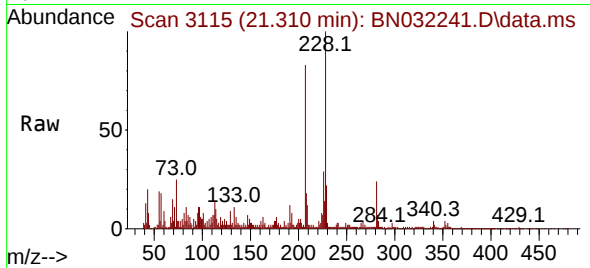
Tgt Ion:	228	Resp:	162878
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.7	25.1
226	28.1	22.8	34.2





#87
Chrysene
Concen: 2.455 ng/u1
RT: 21.310 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BN032241.D
Acq: 25 Jun 2024 14:00

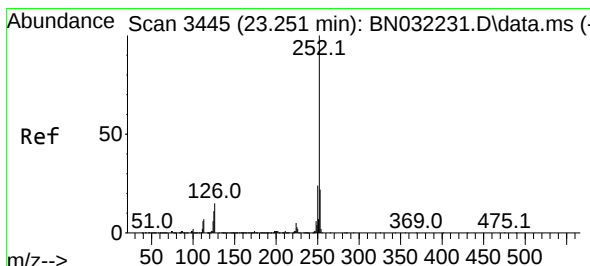
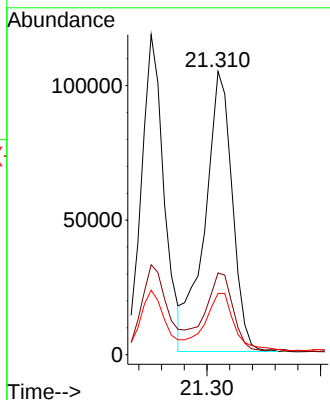
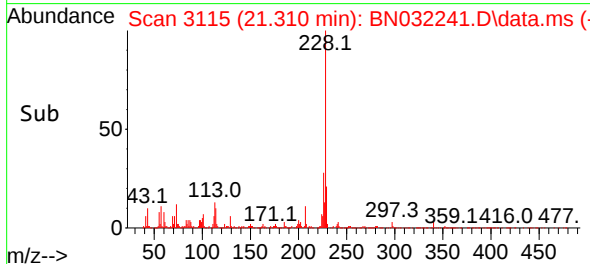
Instrument :
BNA_N
ClientSampleId :
A4C49



Tgt Ion:228 Resp: 17511
Ion Ratio Lower Upper
228 100
226 28.9 23.7 35.5
229 21.7 15.1 22.7

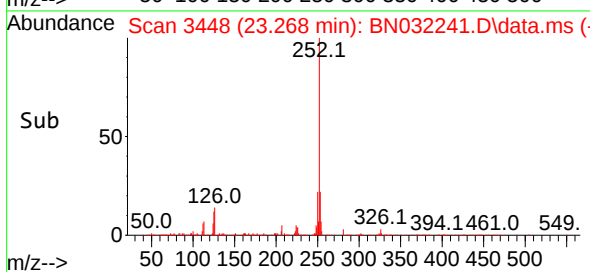
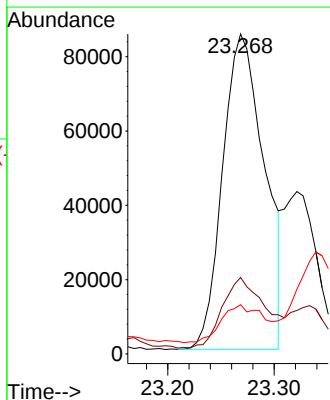
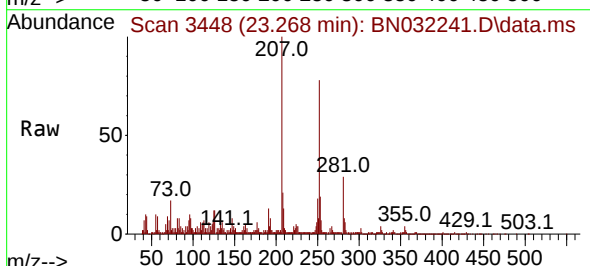
Manual Integrations
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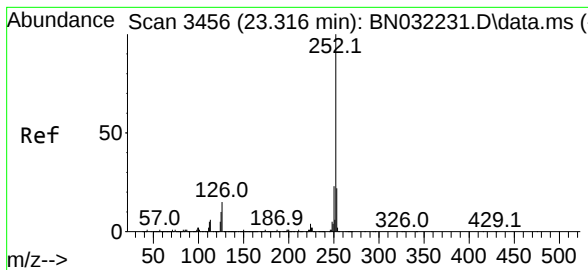
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024



#90
Benzo(b)fluoranthene
Concen: 2.823 ng/u1
RT: 23.268 min Scan# 3448
Delta R.T. 0.006 min
Lab File: BN032241.D
Acq: 25 Jun 2024 14:00

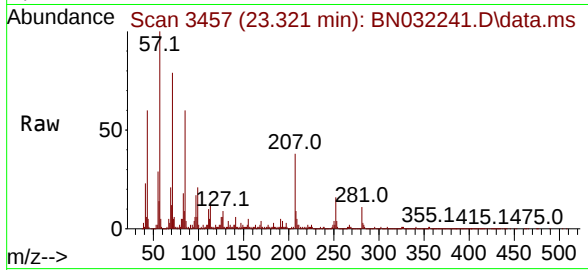
Tgt Ion:252 Resp: 231385
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.6
125 15.4 9.2 13.8#





#91
Benzo(k)fluoranthene
Concen: 1.169 ng/ul m
RT: 23.321 min Scan# 3456
Delta R.T. 0.000 min
Lab File: BN032241.D
Acq: 25 Jun 2024 14:00

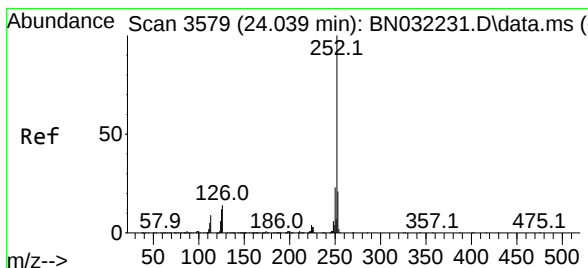
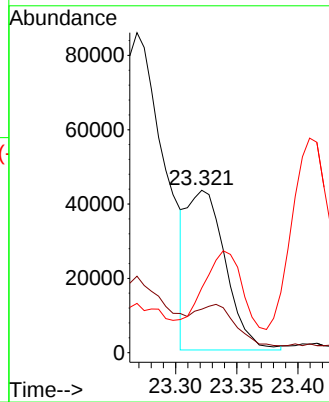
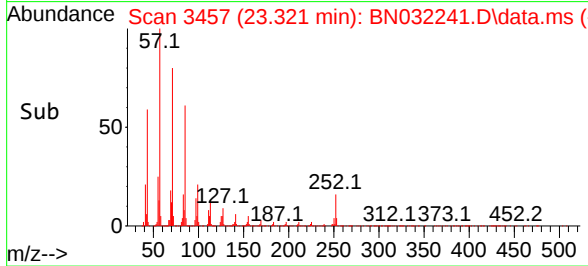
Instrument :
BNA_N
ClientSampleId :
A4C49



Tgt Ion:252 Resp: 9403
Ion Ratio Lower Upper
252 100
253 26.8 17.6 26.4
125 39.9 9.4 14.2

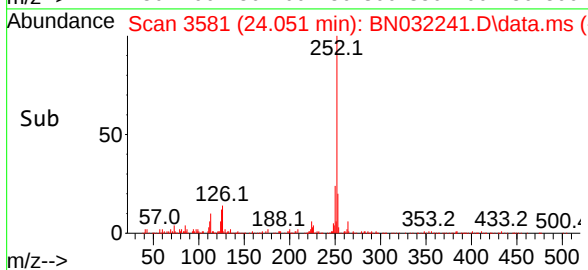
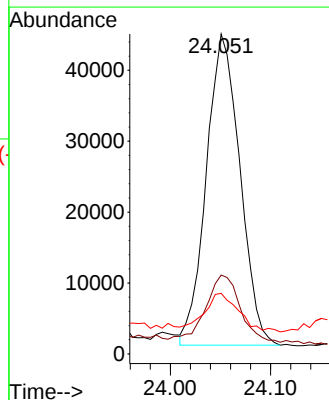
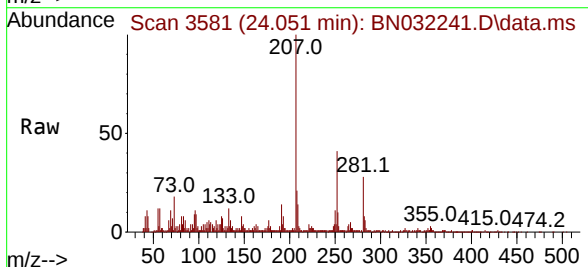
Manual Integrations
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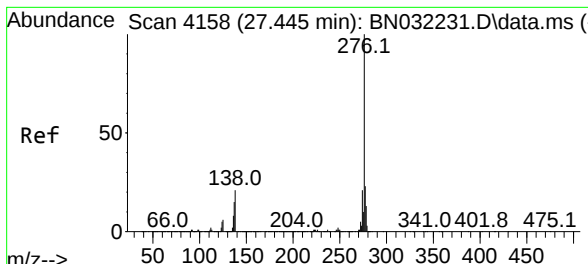
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024



#93
Benzo(a)pyrene
Concen: 1.331 ng/ul
RT: 24.051 min Scan# 3581
Delta R.T. 0.012 min
Lab File: BN032241.D
Acq: 25 Jun 2024 14:00

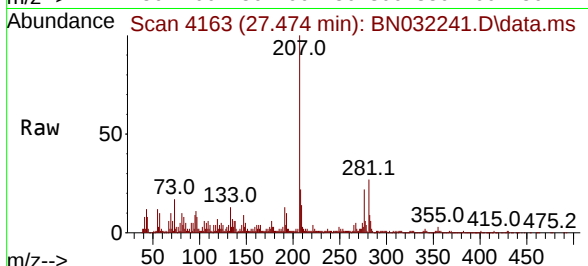
Tgt Ion:252 Resp: 102149
Ion Ratio Lower Upper
252 100
253 24.6 16.6 24.8
125 19.0 9.8 14.8





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.059 ng/ul
 RT: 27.474 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: BN032241.D
 Acq: 25 Jun 2024 14:00

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion: 276 Resp: 93715

Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.1	27.1
277	25.8	18.2	27.2

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