

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031928.D
 Acq On : 12 Jun 2024 02:51
 Operator : MA/JU
 Sample : P2659-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC28

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 12 03:22:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	333151	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1531279	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1003873	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	2082025	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1411497	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1335657	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	26576	3.300	ng/uL	0.00
4) Pyridine-d5	3.587	84	120451	5.314	ng/u1	0.00
7) Phenol-d5	6.834	99	606103	21.222	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	348931	20.887	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	489067	22.442	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	480674	20.647	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	256035	21.868	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	275071	22.744	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	488412	21.631	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	509221	15.190	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1590712	22.745	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1797453	22.352	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	270102	19.289	ng/u1	0.00
60) Fluorene-d10	15.298	176	1341133	22.664	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	189903	18.146	ng/u1	0.00
73) Anthracene-d10	17.151	188	2040294	22.890	ng/u1	0.00
81) Pyrene-d10	19.451	212	2014094	26.665	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1070016	16.777	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.098	178	778231	7.338	ng/u1	99
74) Anthracene	17.186	178	119299	1.110	ng/u1	96
80) Fluoranthene	19.116	202	1642052	18.191	ng/u1	99
82) Pyrene	19.480	202	1195575	12.909	ng/u1	98
85) Benzo(a)anthracene	21.269	228	634729	6.718	ng/u1	96
87) Chrysene	21.333	228	627400m	7.109	ng/u1	
90) Benzo(b)fluoranthene	23.292	252	687439	8.611	ng/u1	95
91) Benzo(k)fluoranthene	23.351	252	228106m	2.912	ng/u1	
93) Benzo(a)pyrene	24.074	252	286777	3.835	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	27.503	276	240142	2.787	ng/u1	100
95) Dibenzo(a,h)anthracene	27.551	278	79709m	1.133	ng/u1	

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

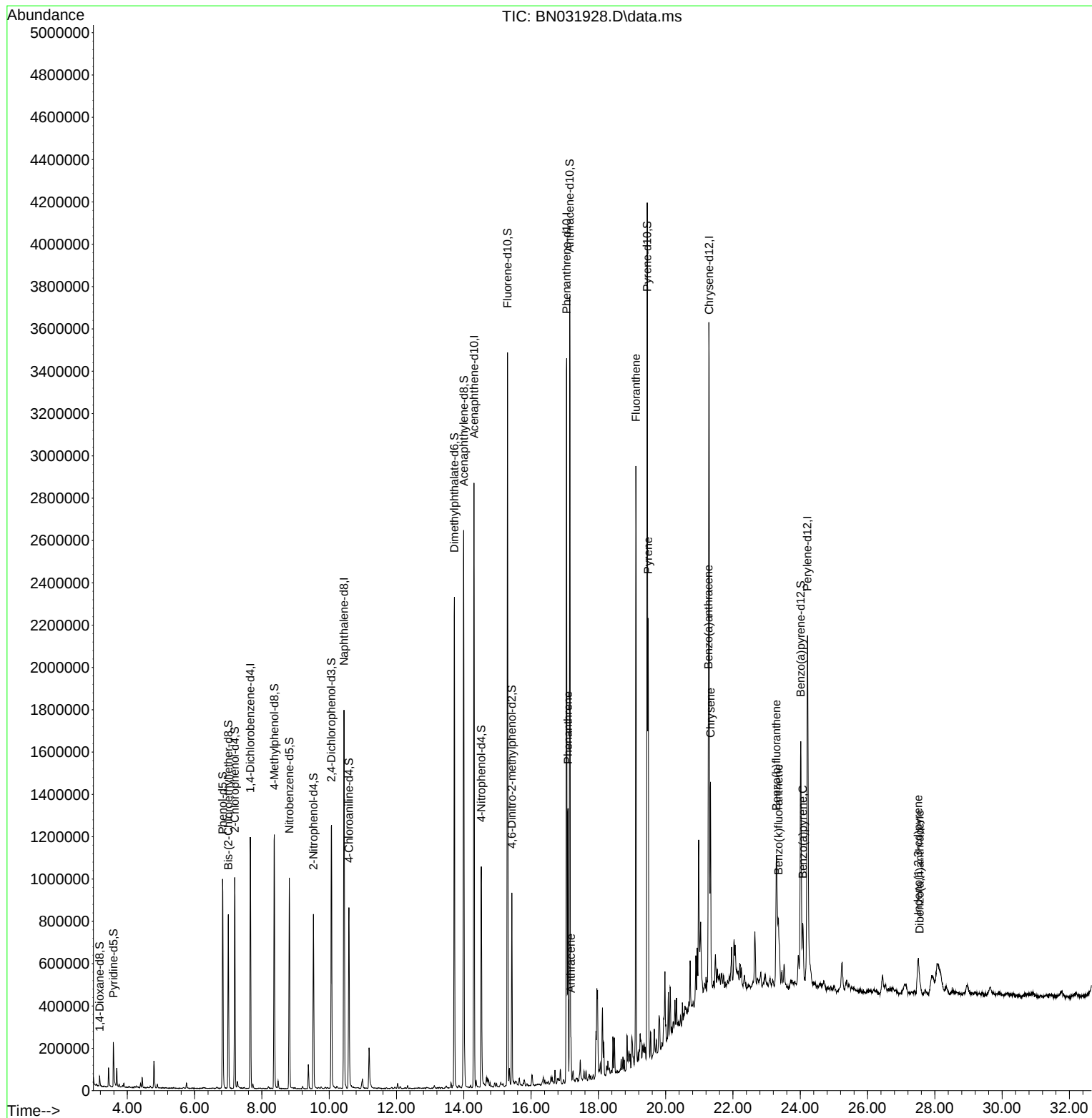
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031928.D
Acq On : 12 Jun 2024 02:51
Operator : MA/JU
Sample : P2659-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

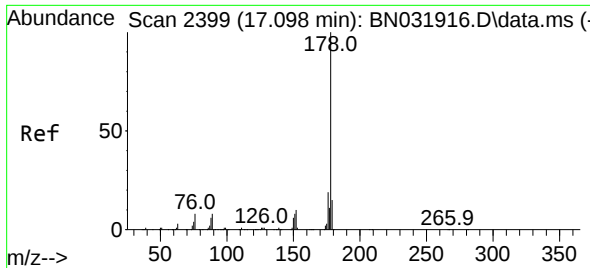
Instrument :
BNA_N
ClientSampleId :
BHC28

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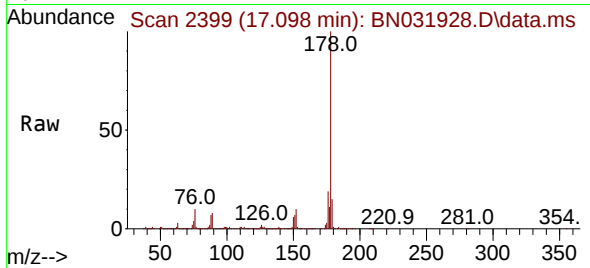
Quant Time: Jun 12 03:22:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 7.338 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031928.D
Acq: 12 Jun 2024 02:51

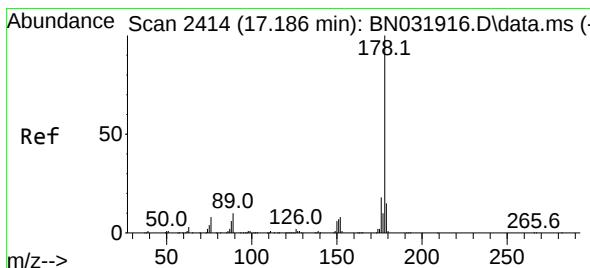
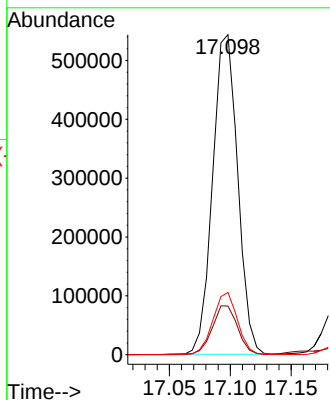
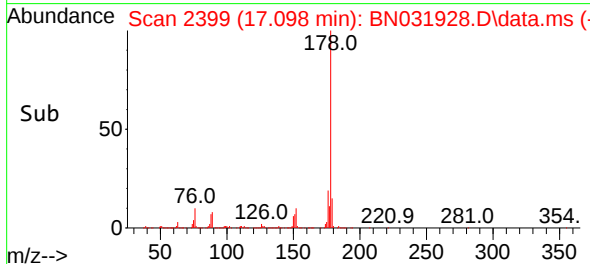
Instrument :
BNA_N
ClientSampleId :
BHC28



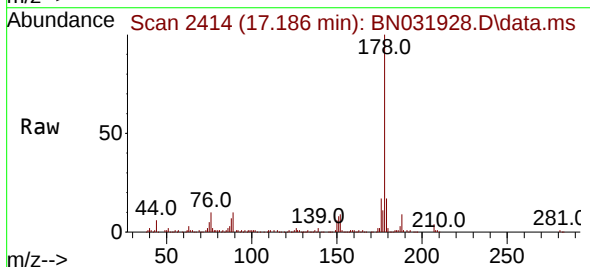
Tgt Ion:178 Resp: 77823
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.4 15.8 23.6

Manual Integrations
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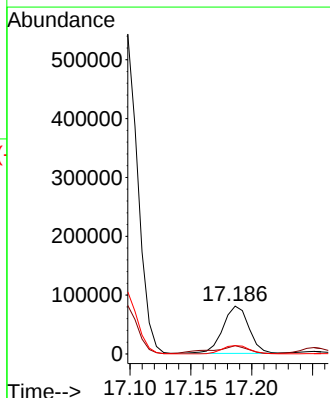
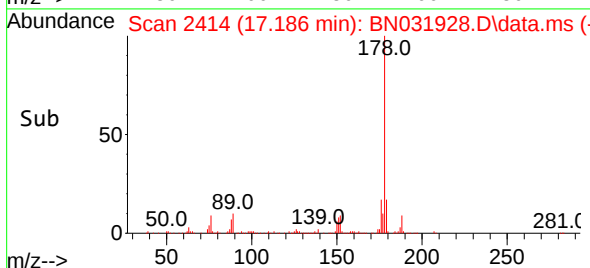
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024

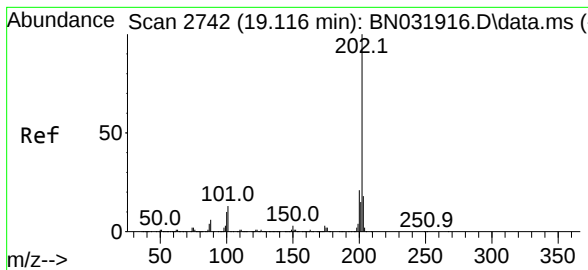


#74
Anthracene
Concen: 1.110 ng/ul
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031928.D
Acq: 12 Jun 2024 02:51



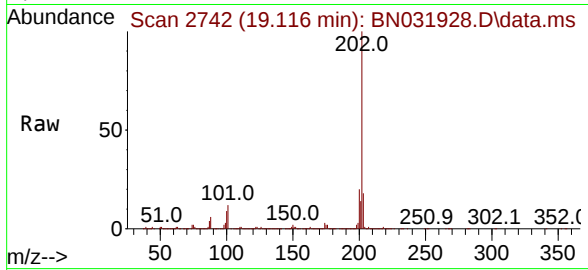
Tgt Ion:178 Resp: 119299
Ion Ratio Lower Upper
178 100
179 17.4 11.8 17.6
176 17.5 14.8 22.2





#80
 Fluoranthene
 Concen: 18.191 ng/u1
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN031928.D
 Acq: 12 Jun 2024 02:51

Instrument :
 BNA_N
 ClientSampleId :
 BHC28

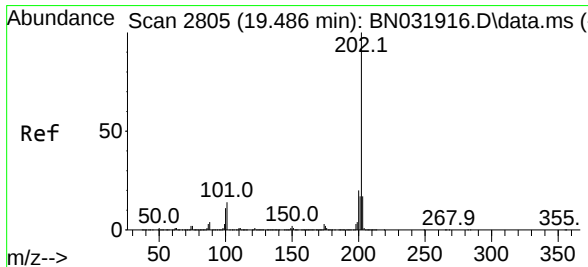
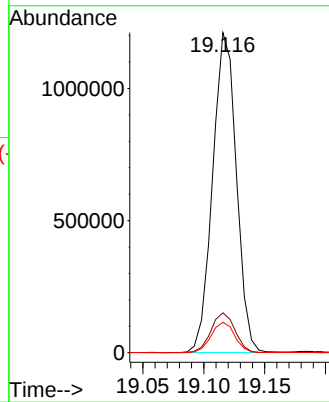
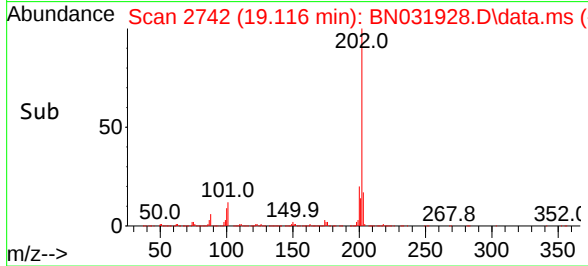


Tgt Ion:202 Resp: 1642052

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.3	15.5
100	9.5	8.0	12.0

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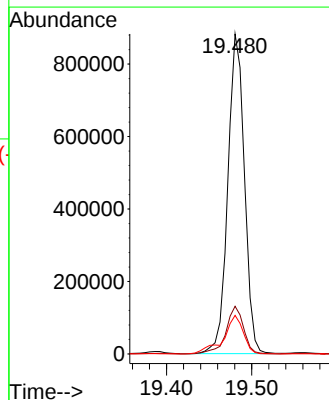
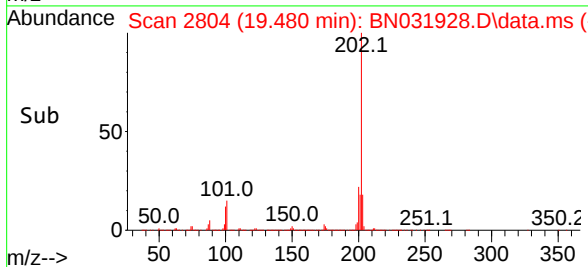
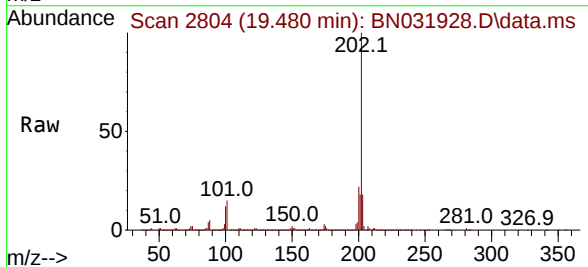
Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/14/2024

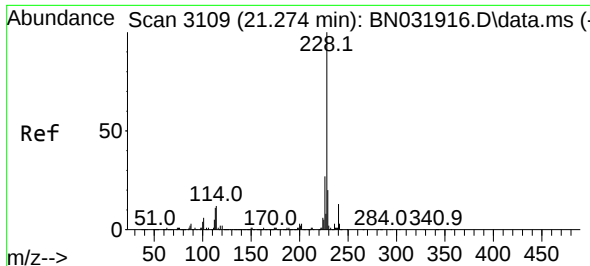


#82
 Pyrene
 Concen: 12.909 ng/u1
 RT: 19.480 min Scan# 2804
 Delta R.T. -0.006 min
 Lab File: BN031928.D
 Acq: 12 Jun 2024 02:51

Tgt Ion:202 Resp: 1195575

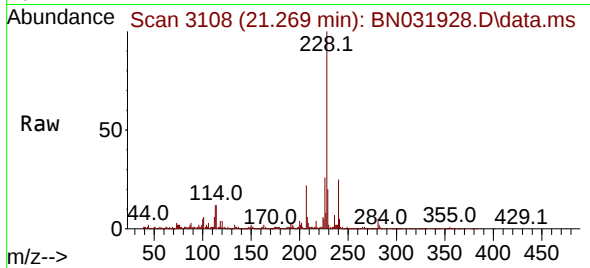
Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.6	18.8
100	12.0	10.2	15.2





#85
Benzo(a)anthracene
Concen: 6.718 ng/ul
RT: 21.269 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BN031928.D
Acq: 12 Jun 2024 02:51

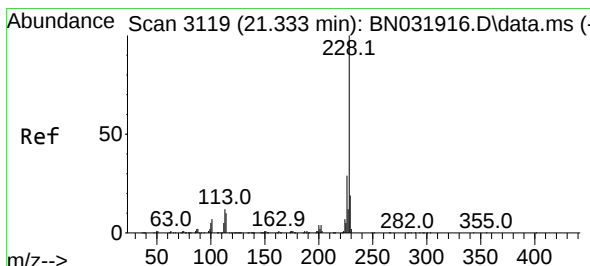
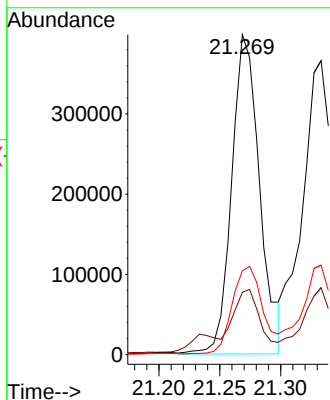
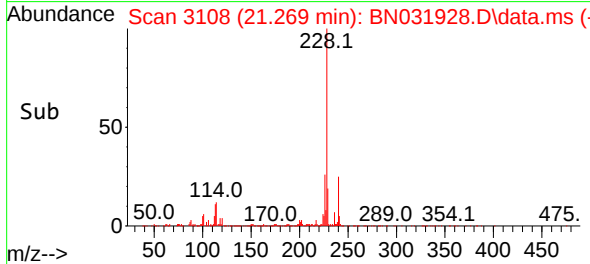
Instrument :
BNA_N
ClientSampleId :
BHC28



Tgt Ion:228 Resp: 634729
Ion Ratio Lower Upper
228 100
229 19.5 16.7 25.1
226 26.2 22.8 34.2

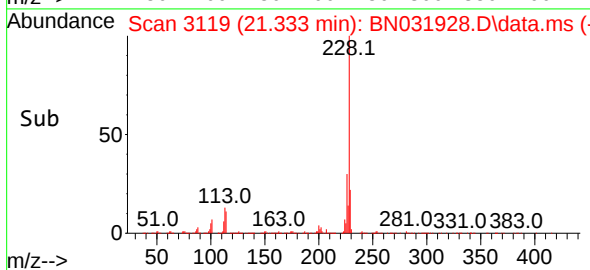
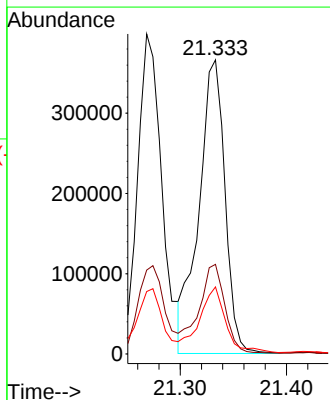
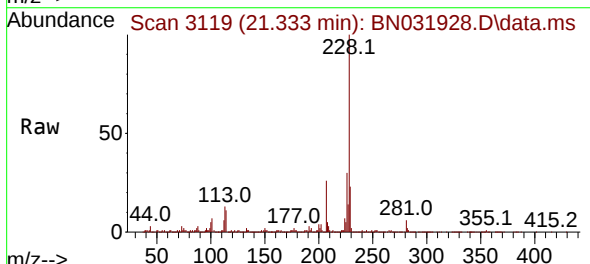
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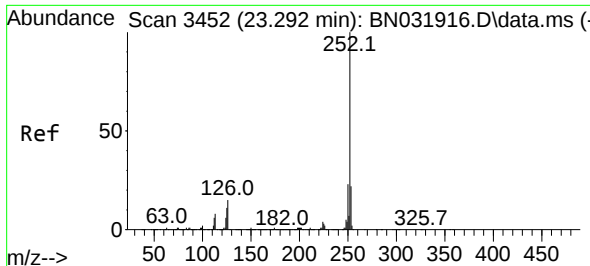
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024



#87
Chrysene
Concen: 7.109 ng/ul m
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031928.D
Acq: 12 Jun 2024 02:51

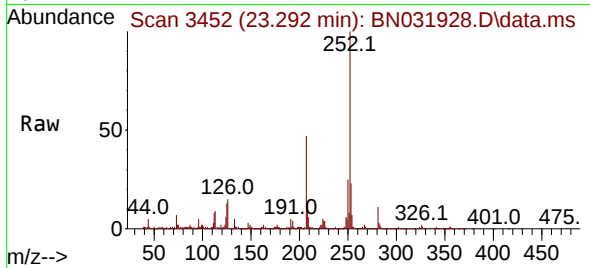
Tgt Ion:228 Resp: 627400
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 22.8 15.1 22.7#





#90
Benzo(b)fluoranthene
Concen: 8.611 ng/ul
RT: 23.292 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BN031928.D
Acq: 12 Jun 2024 02:51

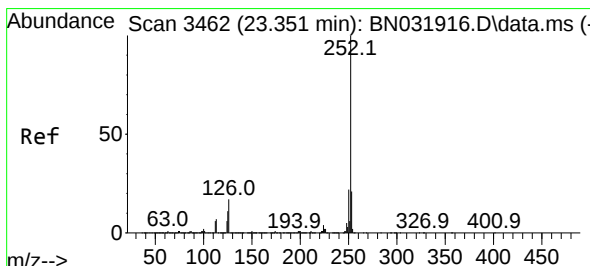
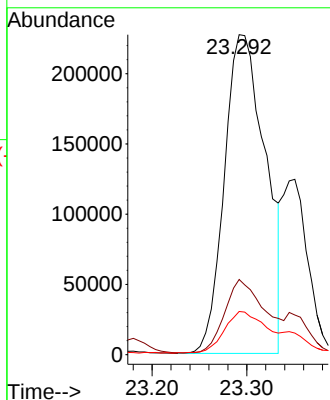
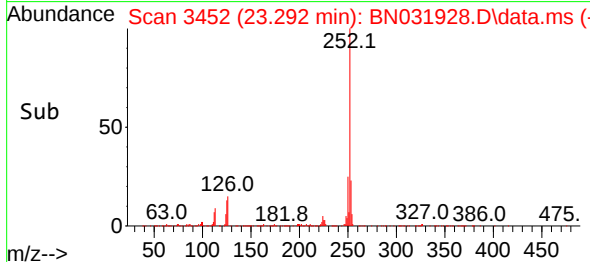
Instrument :
BNA_N
ClientSampleId :
BHC28



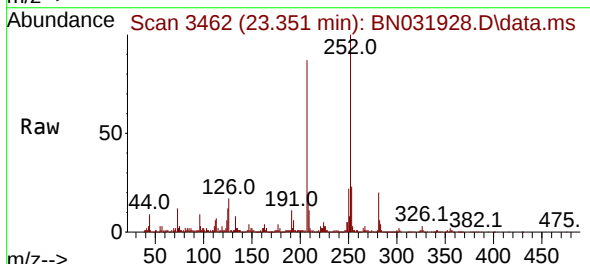
Tgt Ion:252 Resp: 687439
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 13.5 9.2 13.8

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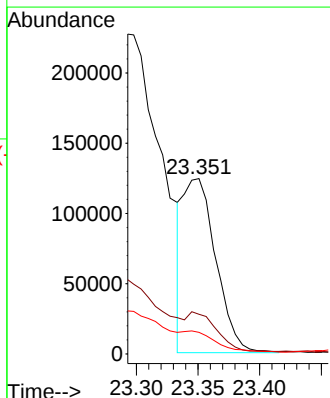
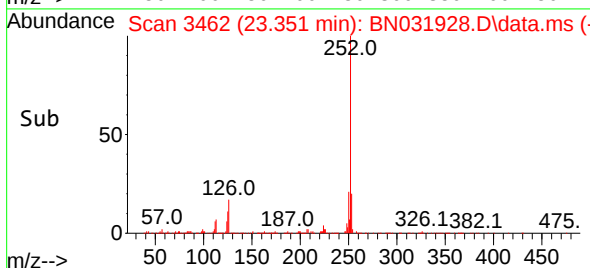
Reviewed By :Jagrut Upadhyay 06/12/2024
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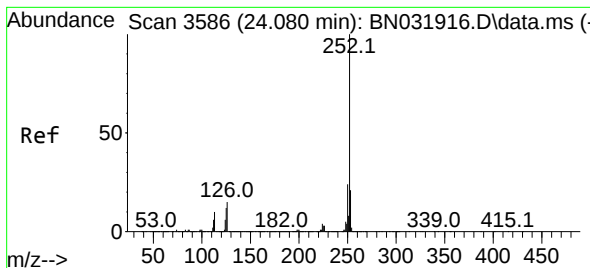


#91
Benzo(k)fluoranthene
Concen: 2.912 ng/ul m
RT: 23.351 min Scan# 3462
Delta R.T. 0.000 min
Lab File: BN031928.D
Acq: 12 Jun 2024 02:51



Tgt Ion:252 Resp: 228106
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.3 9.4 14.2





#93

Benzo(a)pyrene

Concen: 3.835 ng/ul

RT: 24.074 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN031928.D

Acq: 12 Jun 2024 02:51

Instrument :

BNA_N

ClientSampleId :

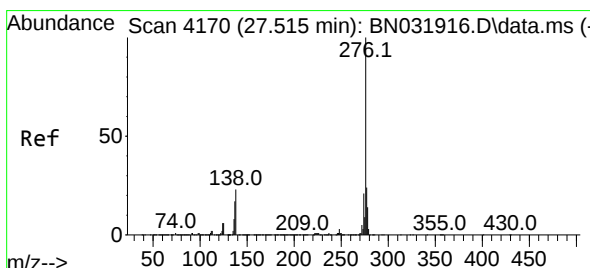
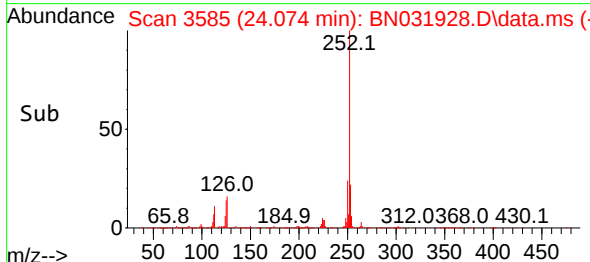
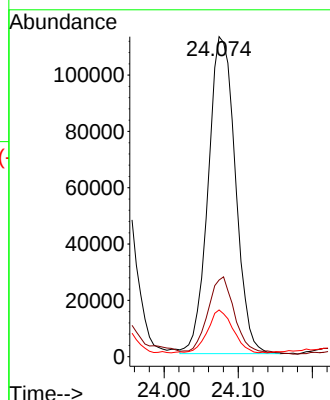
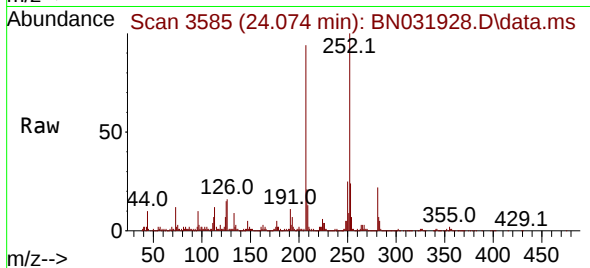
BHC28

Tgt Ion:	252	Resp:	28677
Ion Ratio	Lower	Upper	
252	100		
253	24.0	16.6	24.8
125	14.6	9.8	14.8

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.787 ng/ul

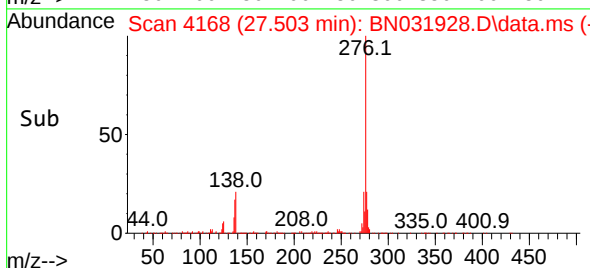
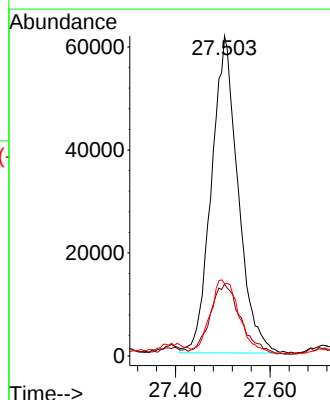
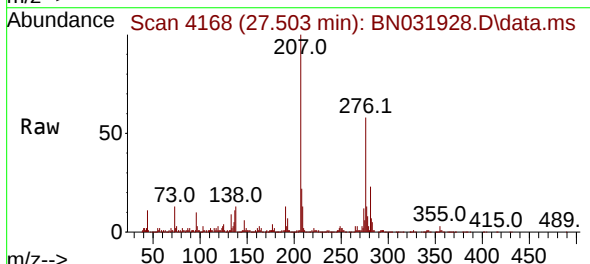
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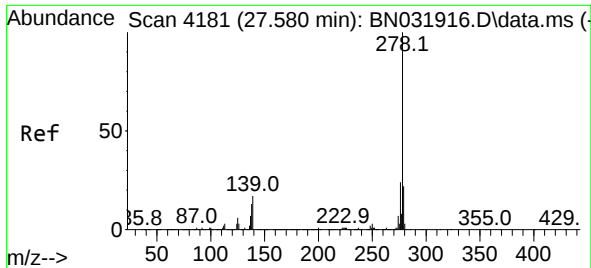
Delta R.T. -0.012 min

Lab File: BN031928.D

Acq: 12 Jun 2024 02:51

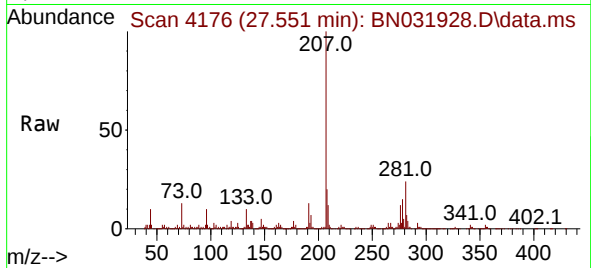
Tgt Ion:	276	Resp:	240142
Ion Ratio	Lower	Upper	
276	100		
138	22.5	18.1	27.1
277	22.6	18.2	27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.133 ng/ul m
 RT: 27.551 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: BN031928.D
 Acq: 12 Jun 2024 02:51

Instrument :
 BNA_N
 ClientSampleId :
 BHC28



Tgt Ion:278 Resp: 79709
 Ion Ratio Lower Upper
 278 100
 139 20.7 15.0 22.6
 279 30.5 17.4 26.0

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