

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031927.D
 Acq On : 12 Jun 2024 02:12
 Operator : MA/JU
 Sample : P2659-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC38

Manual Integrations
 APPROVED

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

Quant Time: Jun 12 02:45:05 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	322317	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1458910	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	948106	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1952763	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1301254	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1263200	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	23674	3.039	ng/uL	0.00
4) Pyridine-d5	3.587	84	283824	12.941	ng/u1	0.00
7) Phenol-d5	6.834	99	510438	18.473	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	302187	18.697	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	416772	19.768	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	425575	18.894	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	223379	20.025	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	241184	20.931	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	418768	19.467	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	607048	19.006	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1390932	21.059	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1618599	21.312	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	213888	16.173	ng/u1	0.00
60) Fluorene-d10	15.298	176	1207765	21.611	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	159966	16.297	ng/u1	0.00
73) Anthracene-d10	17.151	188	1775766	21.241	ng/u1	0.00
81) Pyrene-d10	19.451	212	1897293	27.247	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1291625	21.414	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.092	178	257810	2.592	ng/u1	98
80) Fluoranthene	19.116	202	595713	7.158	ng/u1	99
82) Pyrene	19.480	202	529419	6.201	ng/u1	97
85) Benzo(a)anthracene	21.268	228	213164	2.447	ng/u1	97
87) Chrysene	21.327	228	225100	2.767	ng/u1	95
90) Benzo(b)fluoranthene	23.292	252	253114	3.352	ng/u1	99
91) Benzo(k)fluoranthene	23.339	252	99449m	1.342	ng/u1	
93) Benzo(a)pyrene	24.074	252	180046	2.546	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.498	276	129598	1.590	ng/u1	99
96) Benzo(g,h,i)perylene	28.527	276	119810	1.850	ng/u1	96

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

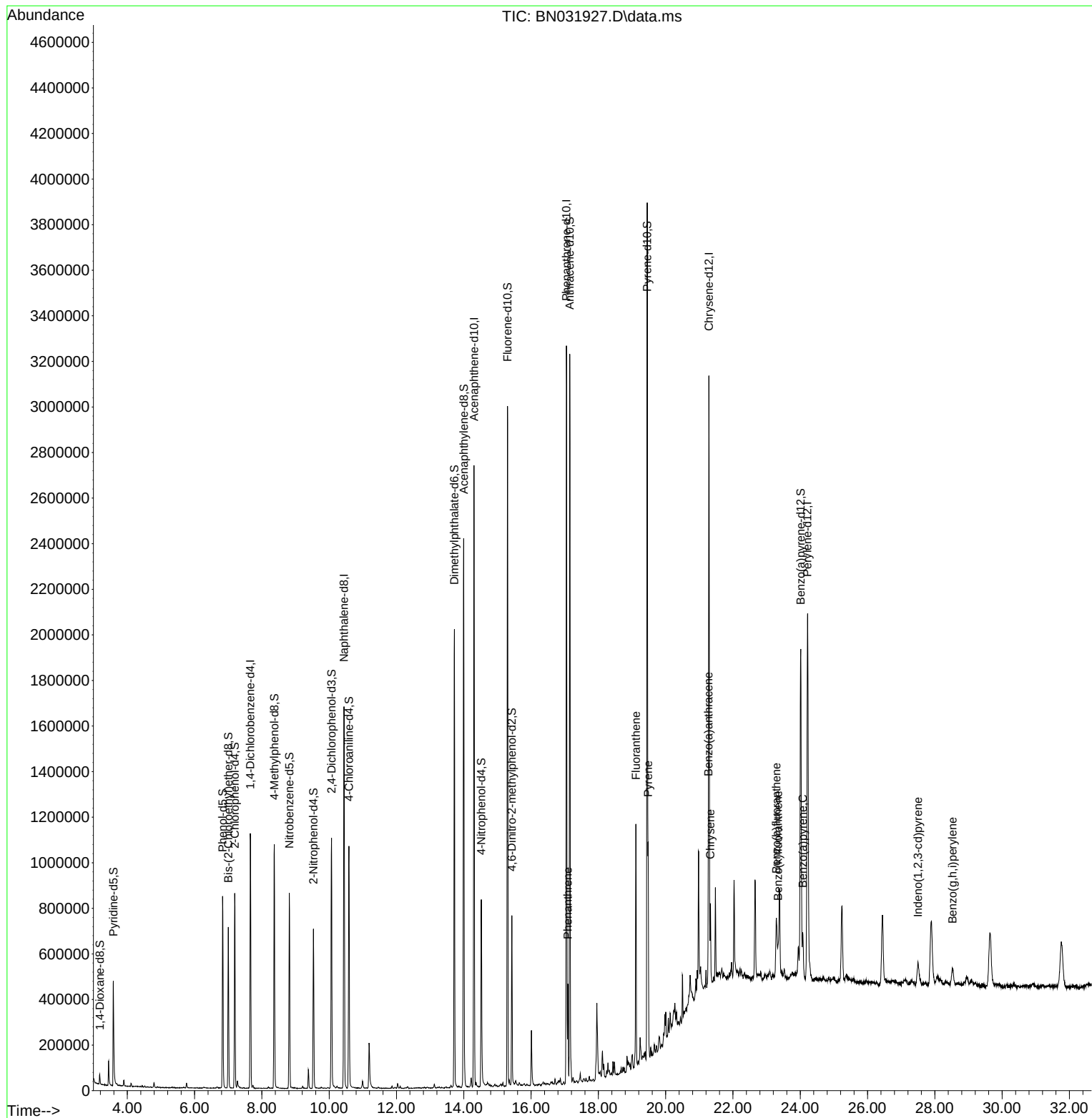
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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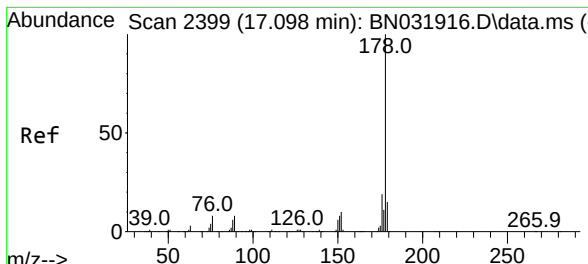
Instrument :
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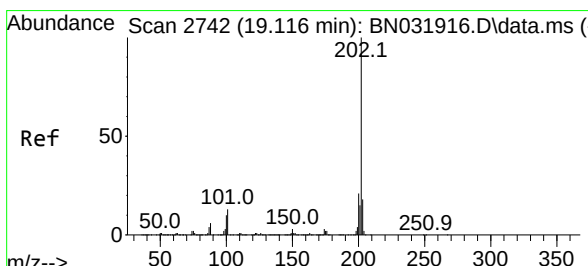
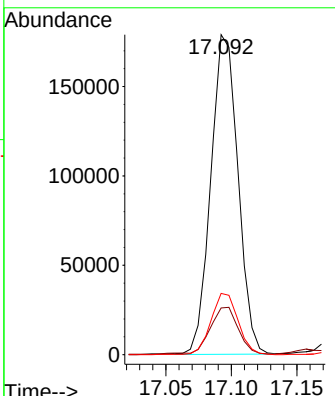
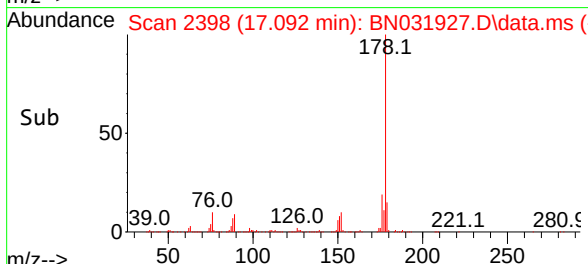
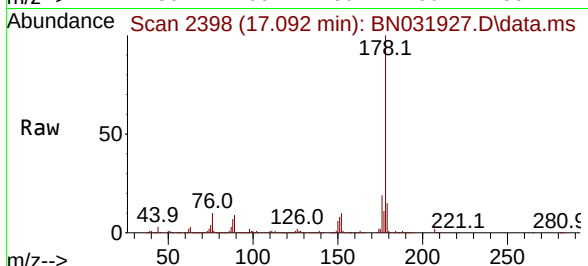
#72
 Phenanthrene
 Concen: 2.592 ng/ul
 RT: 17.092 min Scan# 2398
 Delta R.T. -0.006 min
 Lab File: BN031927.D
 Acq: 12 Jun 2024 02:12

Instrument : BNA_N
 ClientSampleId : BHC38

Tgt Ion:	178	Resp:	257810
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.6	19.0
176	19.2	15.8	23.6

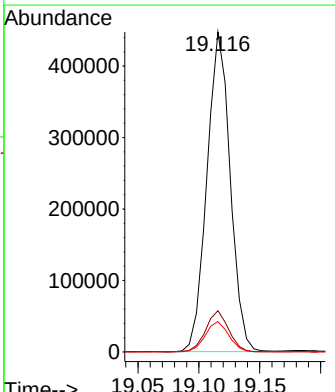
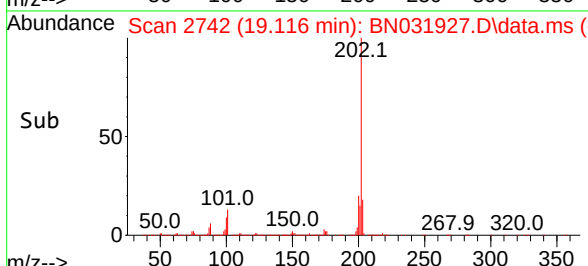
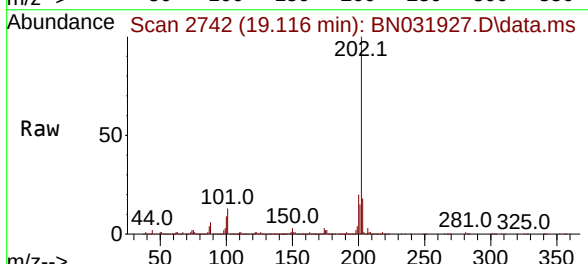
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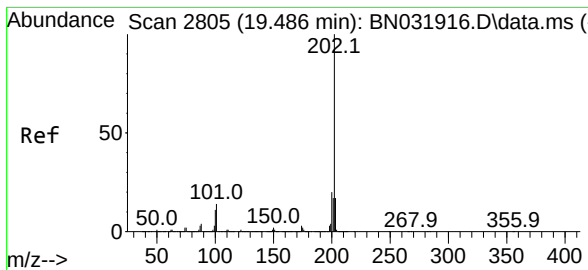
Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/14/2024



#80
 Fluoranthene
 Concen: 7.158 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. -0.000 min
 Lab File: BN031927.D
 Acq: 12 Jun 2024 02:12

Tgt Ion:	202	Resp:	595713
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.3	15.5
100	9.5	8.0	12.0





#82

Pyrene

Concen: 6.201 ng/ul

RT: 19.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031927.D

Acq: 12 Jun 2024 02:12

Instrument :

BNA_N

ClientSampleId :

BHC38

Tgt Ion:202 Resp: 529419

Ion Ratio Lower Upper

202 100

101 14.1 12.6 18.8

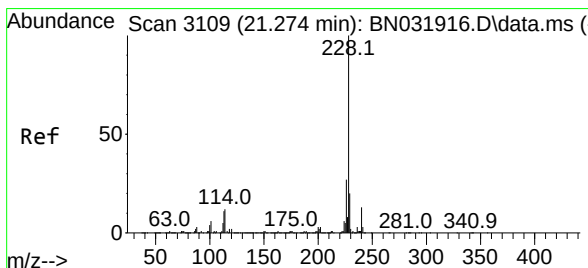
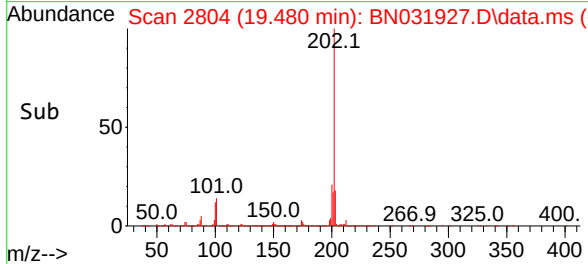
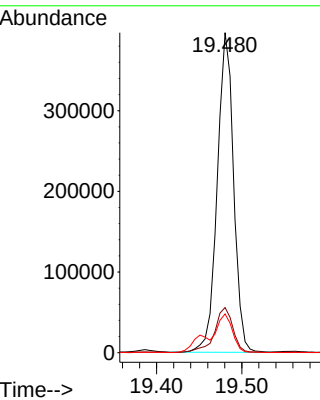
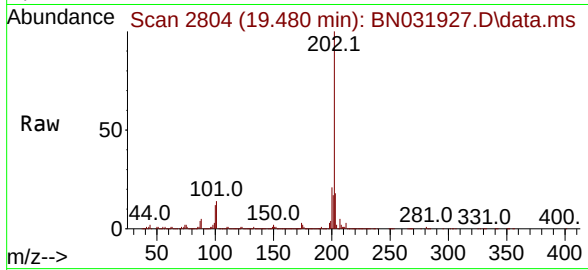
100 12.1 10.2 15.2

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#85

Benzo(a)anthracene

Concen: 2.447 ng/ul

RT: 21.268 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BN031927.D

Acq: 12 Jun 2024 02:12

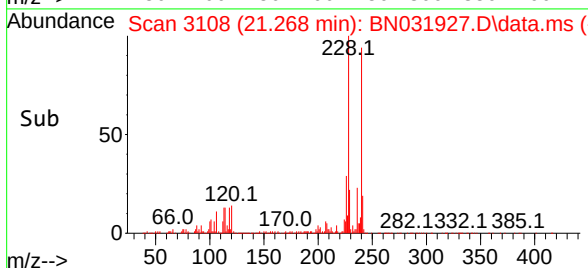
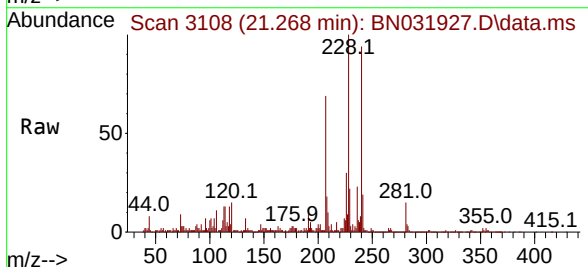
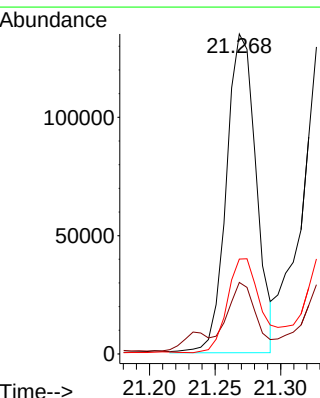
Tgt Ion:228 Resp: 213164

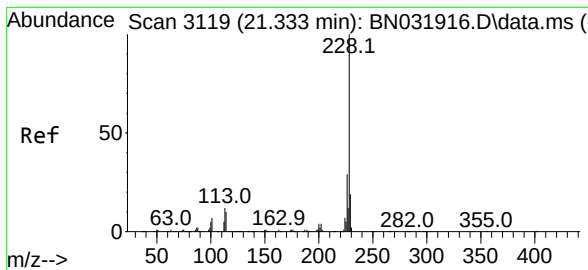
Ion Ratio Lower Upper

228 100

229 22.4 16.7 25.1

226 29.7 22.8 34.2





#87

Chrysene

Concen: 2.767 ng/ul

RT: 21.327 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BN031927.D

Acq: 12 Jun 2024 02:12

Instrument :

BNA_N

ClientSampleId :

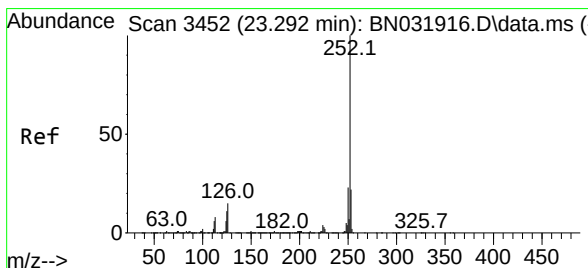
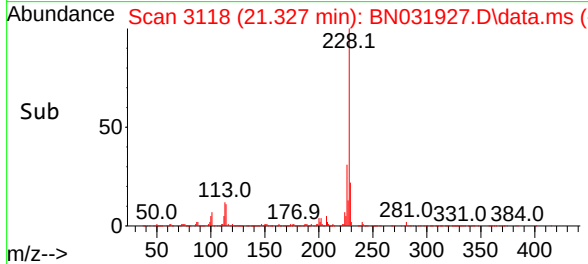
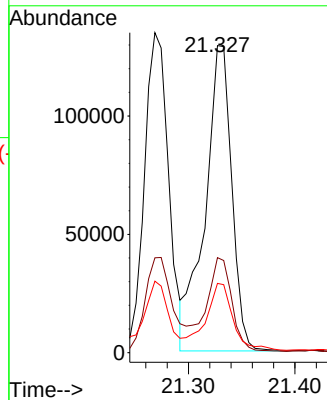
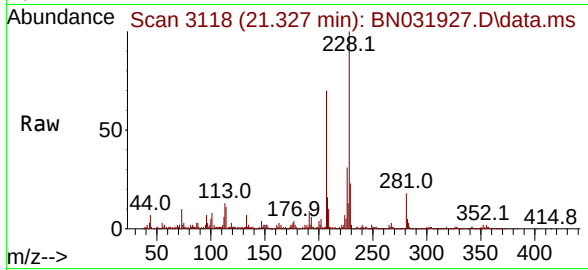
BHC38

Tgt Ion:	228	Resp:	225100
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.7	35.5
229	22.6	15.1	22.7

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#90

Benzo(b)fluoranthene

Concen: 3.352 ng/ul

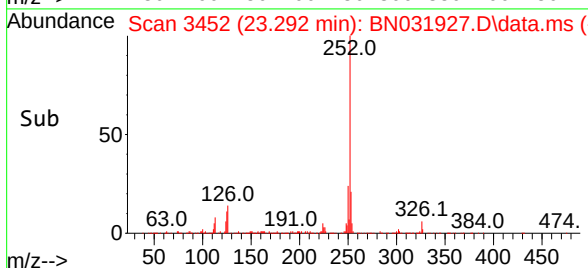
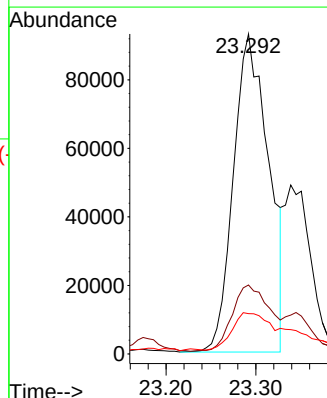
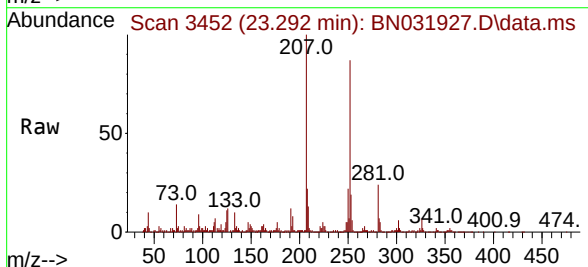
RT: 23.292 min Scan# 3452

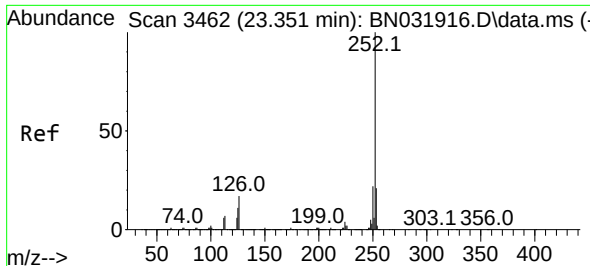
Delta R.T. -0.000 min

Lab File: BN031927.D

Acq: 12 Jun 2024 02:12

Tgt Ion:	252	Resp:	253114
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.0	25.6
125	12.6	9.2	13.8





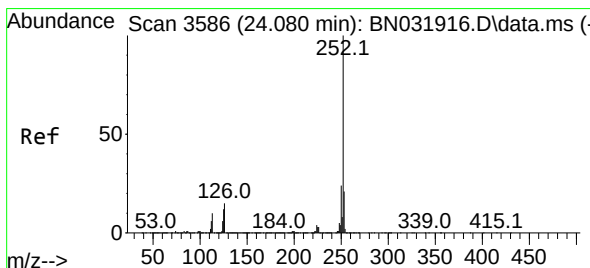
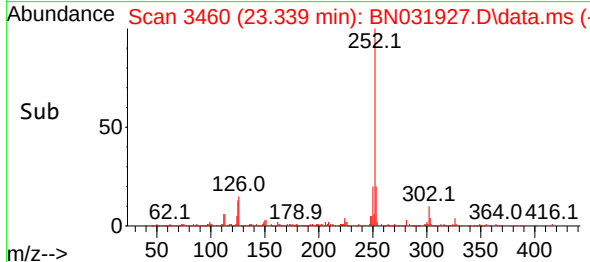
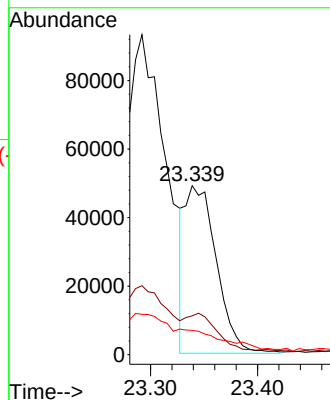
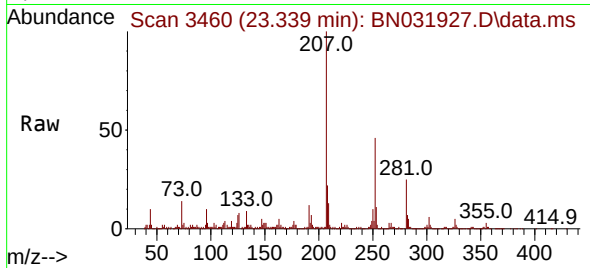
#91
Benzo(k)fluoranthene
Concen: 1.342 ng/ul m
RT: 23.339 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BN031927.D
Acq: 12 Jun 2024 02:12

Instrument :
BNA_N
ClientSampleId :
BHC38

Tgt Ion:252 Resp: 99449
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 14.4 9.4 14.2

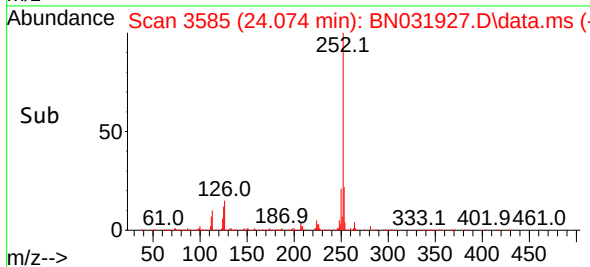
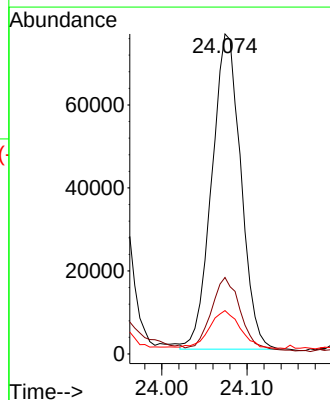
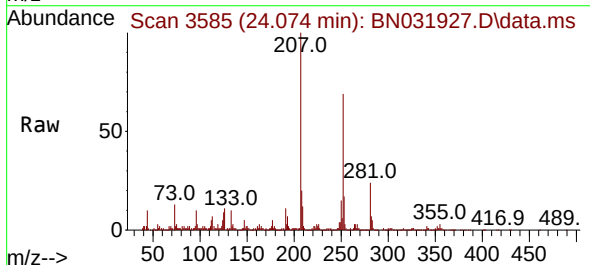
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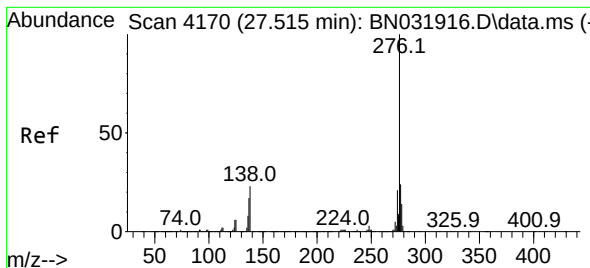
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024



#93
Benzo(a)pyrene
Concen: 2.546 ng/ul
RT: 24.074 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BN031927.D
Acq: 12 Jun 2024 02:12

Tgt Ion:252 Resp: 180046
Ion Ratio Lower Upper
252 100
253 23.9 16.6 24.8
125 13.6 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.590 ng/ul

RT: 27.498 min Scan# 4167

Delta R.T. -0.018 min

Lab File: BN031927.D

Acq: 12 Jun 2024 02:12

Instrument :

BNA_N

ClientSampleId :

BHC38

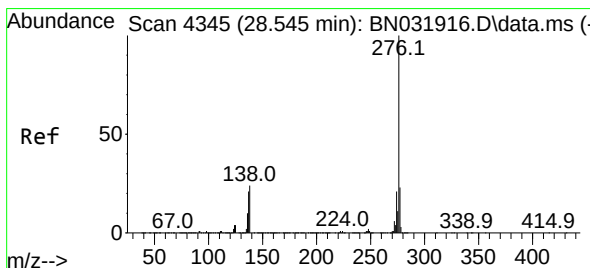
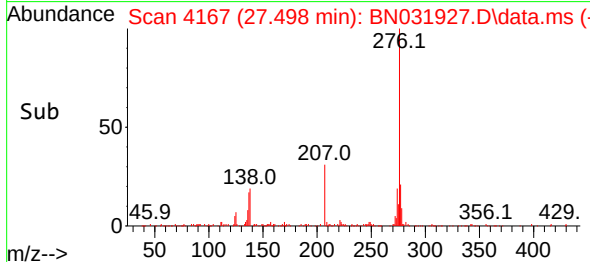
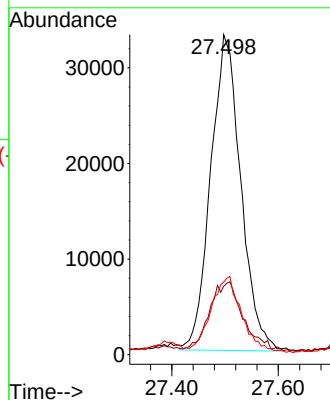
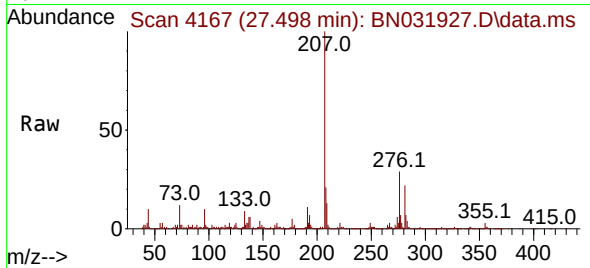
Tgt Ion:276 Resp: 129598

Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.1	27.1
277	22.7	18.2	27.2

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#96

Benzo(g,h,i)perylene

Concen: 1.850 ng/ul

RT: 28.527 min Scan# 4342

Delta R.T. -0.018 min

Lab File: BN031927.D

Acq: 12 Jun 2024 02:12

Tgt Ion:276 Resp: 119810

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.9	31.3
277	26.4	18.0	27.0

