

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
 Data File : BN031998.D
 Acq On : 14 Jun 2024 13:12
 Operator : MA/JU
 Sample : P2695-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BK3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 14 23:05:01 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	7.652	152	306593	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	1402217	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	932699	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1814836	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1192478	20.000	ng/u1	0.00
88) Perylene-d12	24.227	264	1291347	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	31196	4.209	ng/uL	0.00
4) Pyridine-d5	3.587	84	57190	2.741	ng/u1	0.00
7) Phenol-d5	6.828	99	694138	26.409	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	412183	26.810	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.187	132	580969	28.969	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	572757	26.733	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	304209	28.374	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	333199	30.086	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	581661	28.132	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	535818	17.454	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1943598	29.912	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	2194461	29.371	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	328278	25.233	ng/u1	0.00
60) Fluorene-d10	15.298	176	1652635	30.060	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	262056	28.727	ng/u1	0.00
73) Anthracene-d10	17.151	188	2353211	30.287	ng/u1	0.00
81) Pyrene-d10	19.451	212	2118134	33.193	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1295822	21.015	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.475	105	41559	1.280	ng/u1	98
72) Phenanthrene	17.092	178	320240	3.464	ng/u1	99
80) Fluoranthene	19.116	202	622958	8.169	ng/u1	99
82) Pyrene	19.480	202	423657	5.415	ng/u1	98
85) Benzo(a)anthracene	21.274	228	231798	2.904	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	90777	1.685	ng/u1	98
87) Chrysene	21.333	228	260914	3.500	ng/u1	96
90) Benzo(b)fluoranthene	23.298	252	307566	3.985	ng/u1#	94
91) Benzo(k)fluoranthene	23.351	252	124350m	1.642	ng/u1	
93) Benzo(a)pyrene	24.086	252	117924	1.631	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	27.515	276	115309	1.384	ng/u1	98

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

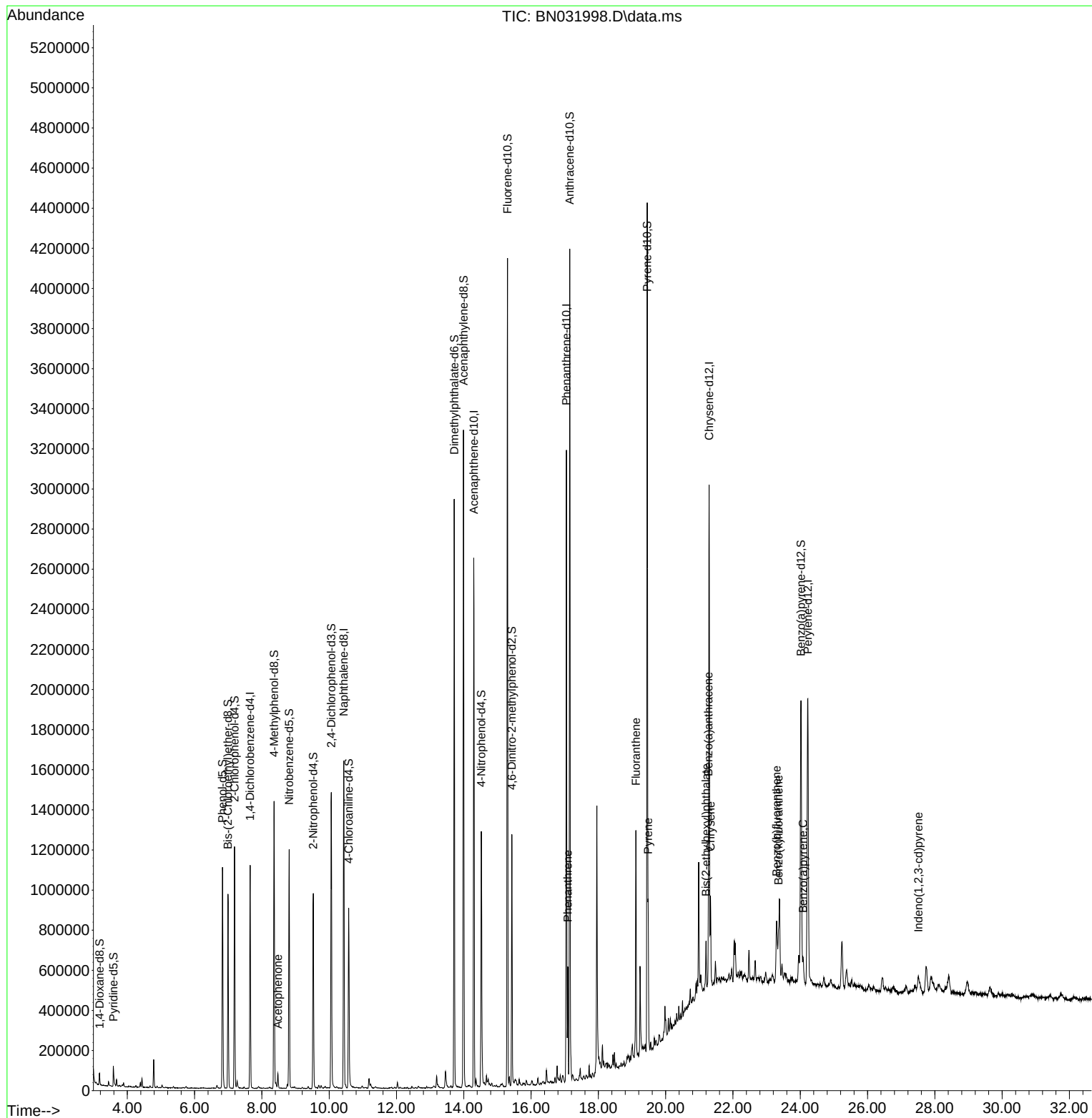
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN031998.D
Acq On : 14 Jun 2024 13:12
Operator : MA/JU
Sample : P2695-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

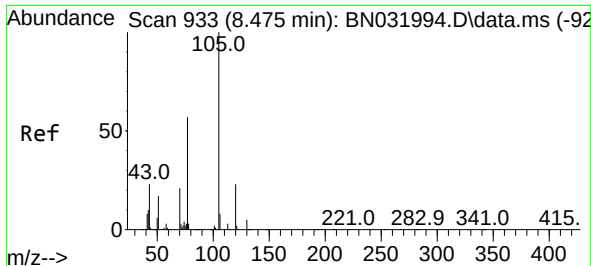
Instrument :
BNA_N
ClientSampleId :
A4BK3

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Supervised By :mohammad ahmed 06/18/2024

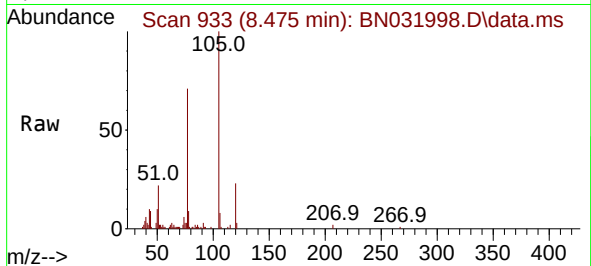
Quant Time: Jun 14 23:05:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
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#16
Acetophenone
Concen: 1.280 ng/ul
RT: 8.475 min Scan# 911
Delta R.T. -0.006 min
Lab File: BN031998.D
Acq: 14 Jun 2024 13:12

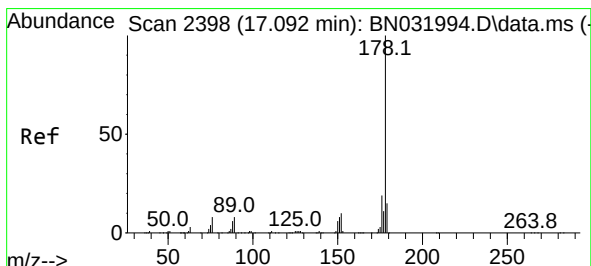
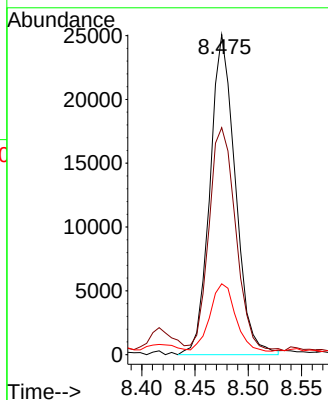
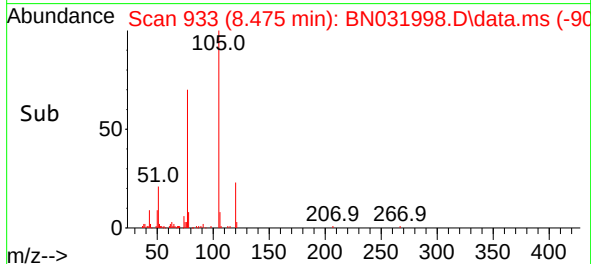
Instrument :
BNA_N
ClientSampleId :
A4BK3



Tgt Ion:105 Resp: 41558
Ion Ratio Lower Upper
105 100
77 71.0 58.6 87.8
51 22.2 17.2 25.8

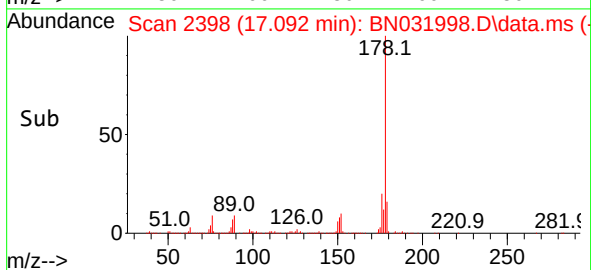
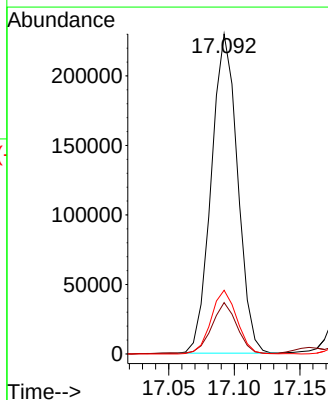
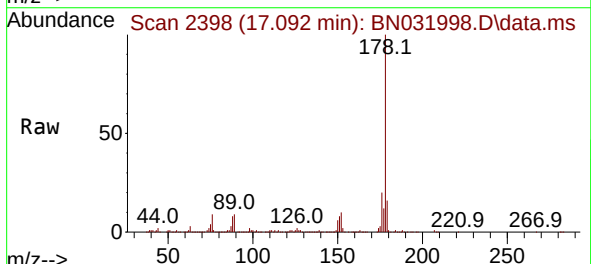
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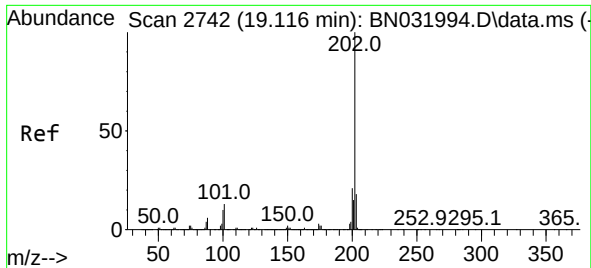
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#72
Phenanthrene
Concen: 3.464 ng/ul
RT: 17.092 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BN031998.D
Acq: 14 Jun 2024 13:12

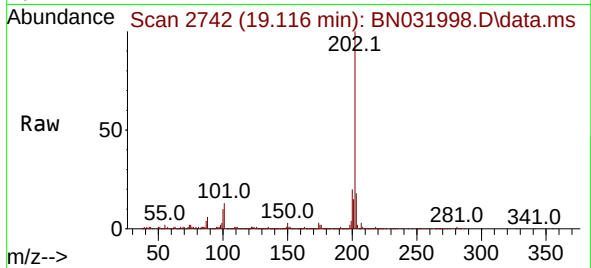
Tgt Ion:178 Resp: 320240
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 19.9 15.8 23.6





#80
Fluoranthene
Concen: 8.169 ng/u1
RT: 19.116 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031998.D
Acq: 14 Jun 2024 13:12

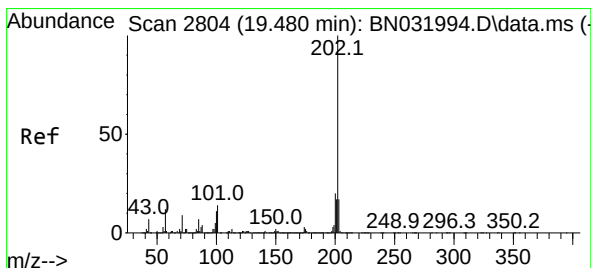
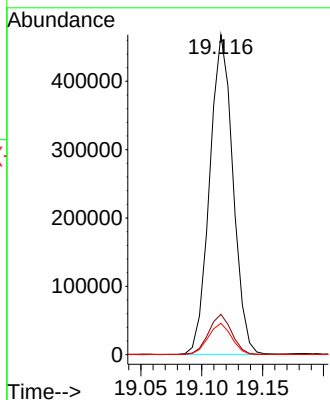
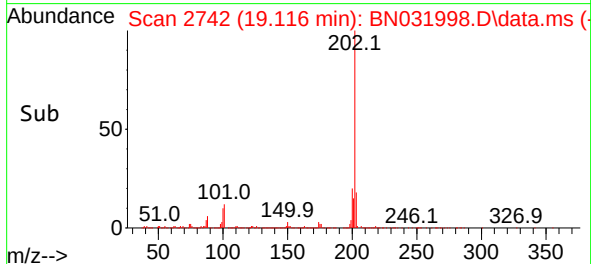
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 622958
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.8 8.0 12.0

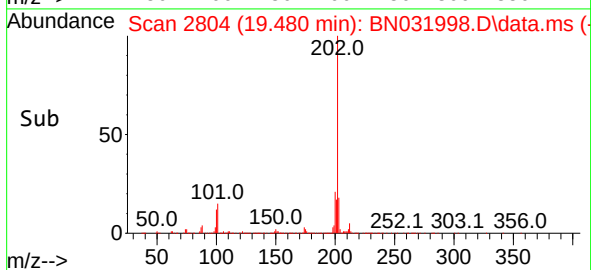
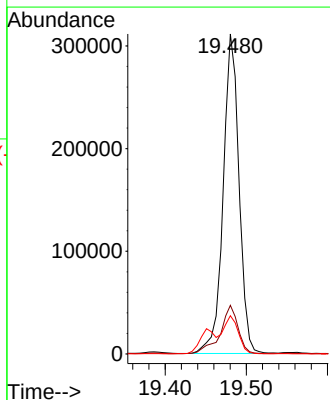
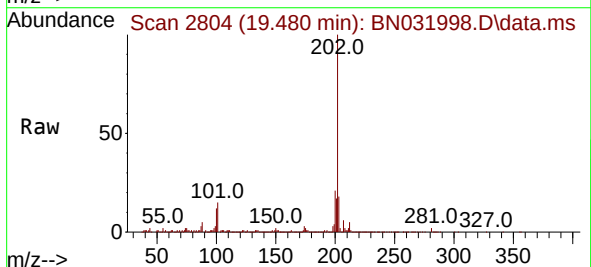
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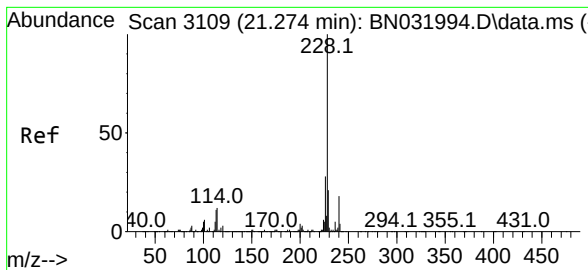
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#82
Pyrene
Concen: 5.415 ng/u1
RT: 19.480 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BN031998.D
Acq: 14 Jun 2024 13:12

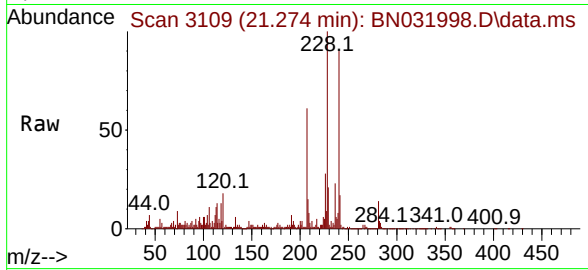
Tgt Ion:202 Resp: 423657
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 12.0 10.2 15.2





#85
Benzo(a)anthracene
Concen: 2.904 ng/ul
RT: 21.274 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BN031998.D
Acq: 14 Jun 2024 13:12

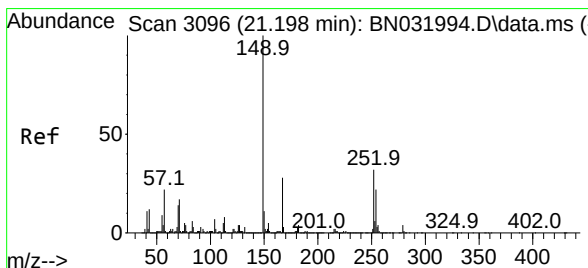
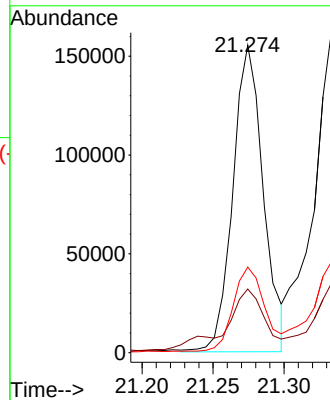
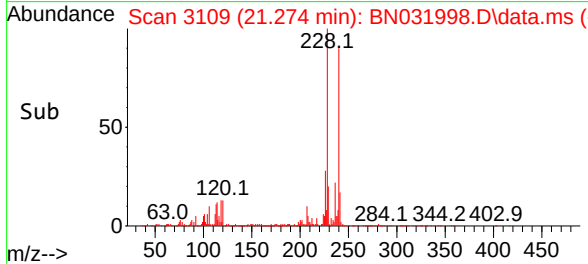
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 231798
Ion Ratio Lower Upper
228 100
229 20.7 16.7 25.1
226 27.9 22.8 34.2

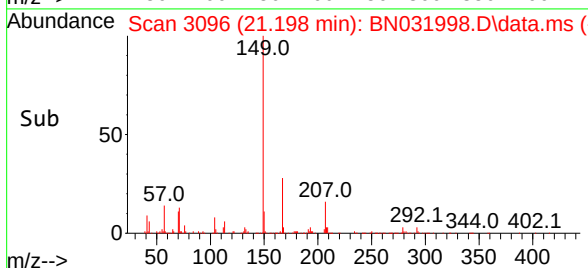
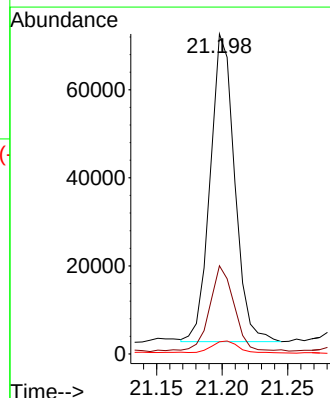
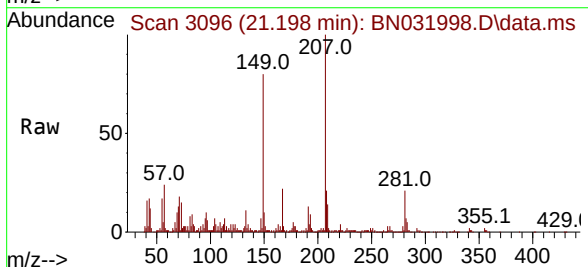
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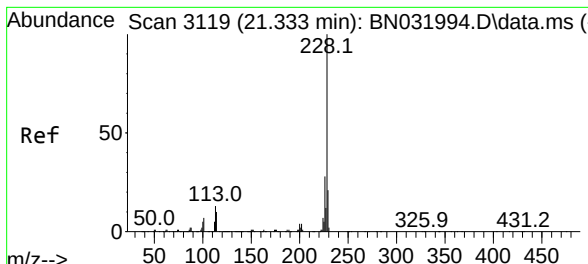
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.685 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031998.D
Acq: 14 Jun 2024 13:12

Tgt Ion:149 Resp: 90777
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 3.8 3.3 4.9





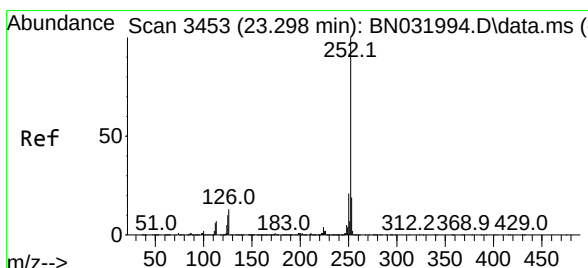
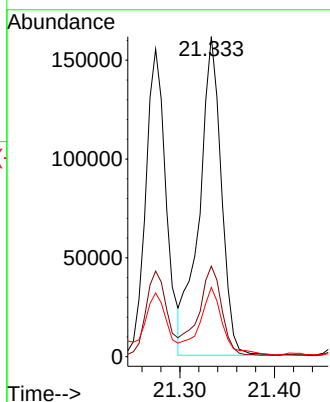
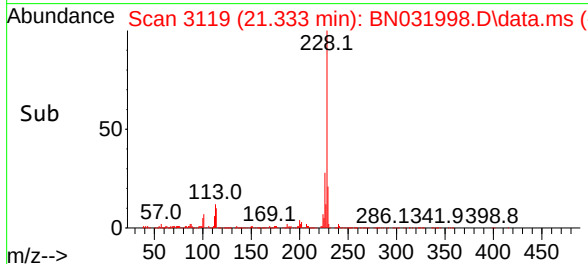
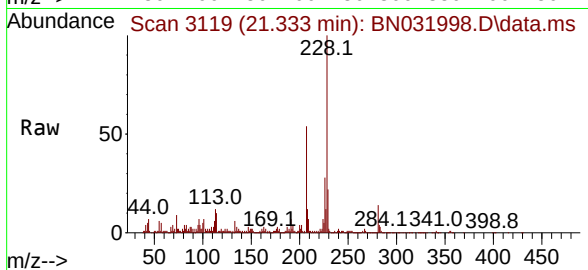
#87
Chrysene
 Concen: 3.500 ng/u1
 RT: 21.333 min Scan# 3119
 Delta R.T. 0.000 min
 Lab File: BN031998.D
 Acq: 14 Jun 2024 13:12

Instrument :
 BNA_N
 ClientSampleId :
 A4BK3

Tgt Ion:	228	Resp:	260914
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.7	35.5
229	21.6	15.1	22.7

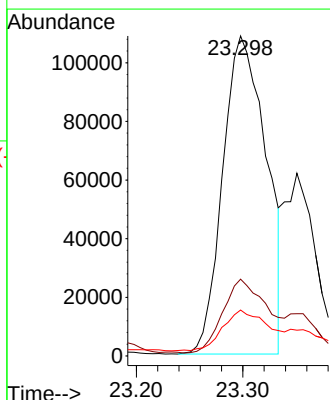
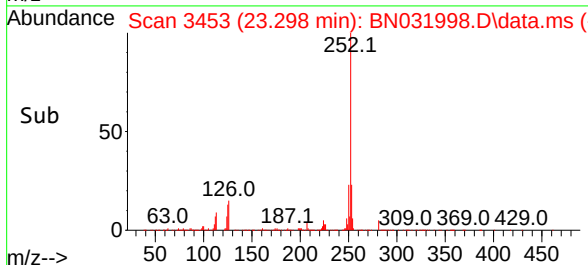
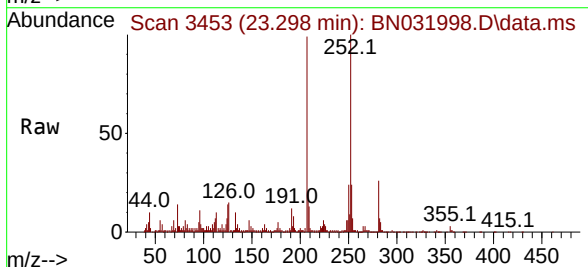
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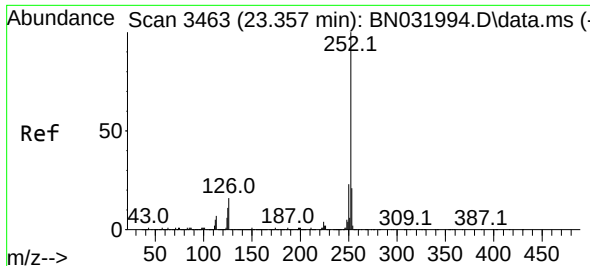
Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024



#90
Benzo(b)fluoranthene
 Concen: 3.985 ng/u1
 RT: 23.298 min Scan# 3453
 Delta R.T. 0.006 min
 Lab File: BN031998.D
 Acq: 14 Jun 2024 13:12

Tgt Ion:	252	Resp:	307566
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.0	25.6
125	14.4	9.2	13.8





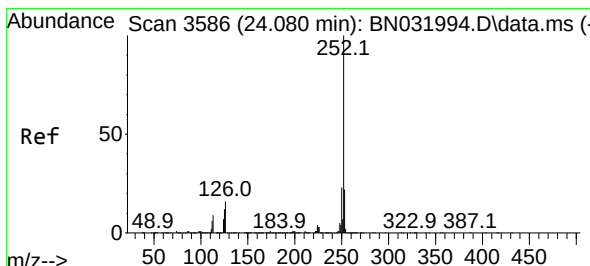
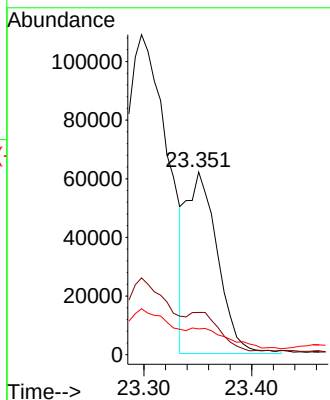
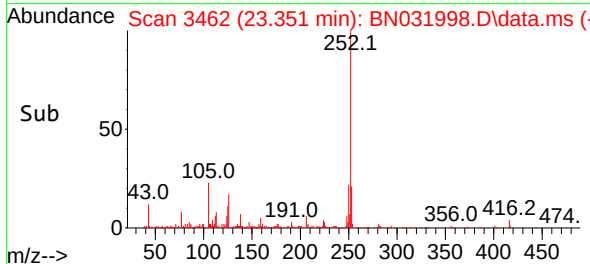
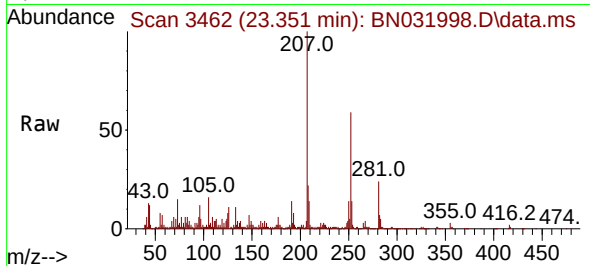
#91
Benzo(k)fluoranthene
Concen: 1.642 ng/ul m
RT: 23.351 min Scan# 3463
Delta R.T. 0.000 min
Lab File: BN031998.D
Acq: 14 Jun 2024 13:12

Instrument :
BNA_N
ClientSampleId :
A4BK3

Tgt Ion:252 Resp: 124350
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 14.1 9.4 14.2

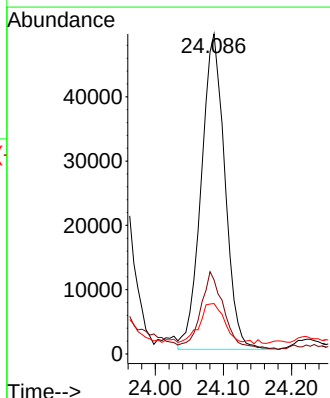
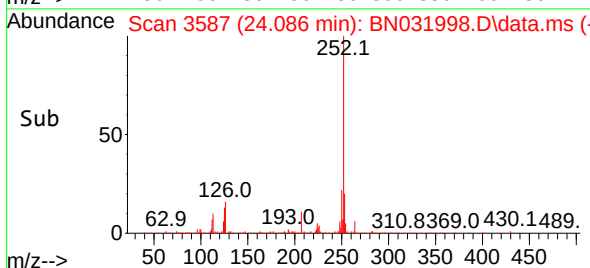
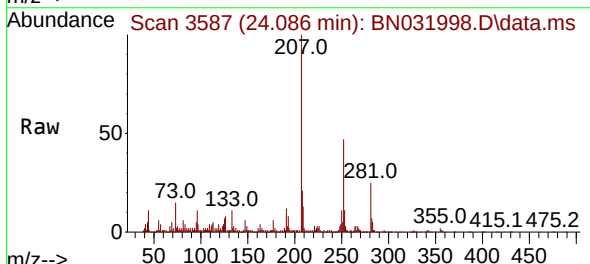
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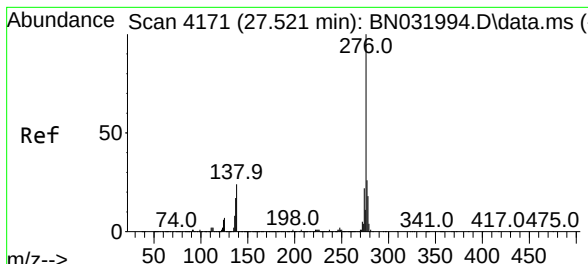
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#93
Benzo(a)pyrene
Concen: 1.631 ng/ul
RT: 24.086 min Scan# 3587
Delta R.T. 0.006 min
Lab File: BN031998.D
Acq: 14 Jun 2024 13:12

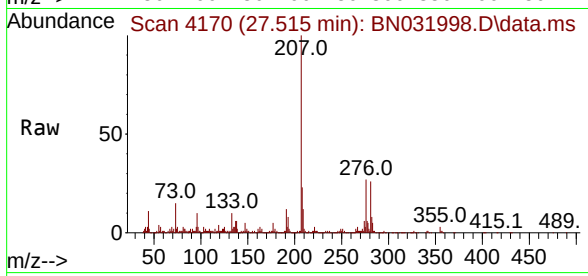
Tgt Ion:252 Resp: 117924
Ion Ratio Lower Upper
252 100
253 23.1 16.6 24.8
125 15.7 9.8 14.8#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.384 ng/ul
 RT: 27.515 min Scan# 4171
 Delta R.T. 0.000 min
 Lab File: BN031998.D
 Acq: 14 Jun 2024 13:12

Instrument :
 BNA_N
 ClientSampleId :
 A4BK3



Tgt Ion: 276 Resp: 115309

Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.1	27.1
277	21.4	18.2	27.2

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