

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031937.D
 Acq On : 12 Jun 2024 12:06
 Operator : MA/JU
 Sample : P2678-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH675

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 12 23:06:13 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	488792	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	2275572	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1487998	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	3047139	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	2510921	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	2401239	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	44697	3.783	ng/uL	0.00
4) Pyridine-d5	3.593	84	106622	3.206	ng/u1	0.01
7) Phenol-d5	6.834	99	1016617	24.261	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	583886	23.822	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	814244	25.467	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	810816	23.738	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	438807	25.220	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	472311	26.279	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	824633	24.577	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	949099	19.051	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2709704	26.140	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	3041499	25.517	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	486248	23.427	ng/u1	0.00
60) Fluorene-d10	15.298	176	2264570	25.818	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	356365	23.267	ng/u1	0.00
73) Anthracene-d10	17.151	188	3492528	26.772	ng/u1	0.00
81) Pyrene-d10	19.451	212	3671797	27.327	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2251044	19.632	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.092	178	588468	3.791	ng/u1	98
80) Fluoranthene	19.116	202	1237223	7.705	ng/u1	98
82) Pyrene	19.480	202	924590	5.612	ng/u1	100
85) Benzo(a)anthracene	21.269	228	569767	3.390	ng/u1	96
87) Chrysene	21.333	228	598931m	3.815	ng/u1	
90) Benzo(b)fluoranthene	23.292	252	641226	4.468	ng/u1	99
91) Benzo(k)fluoranthene	23.345	252	243938m	1.732	ng/u1	
93) Benzo(a)pyrene	24.074	252	252320	1.877	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.498	276	213454	1.378	ng/u1	96

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

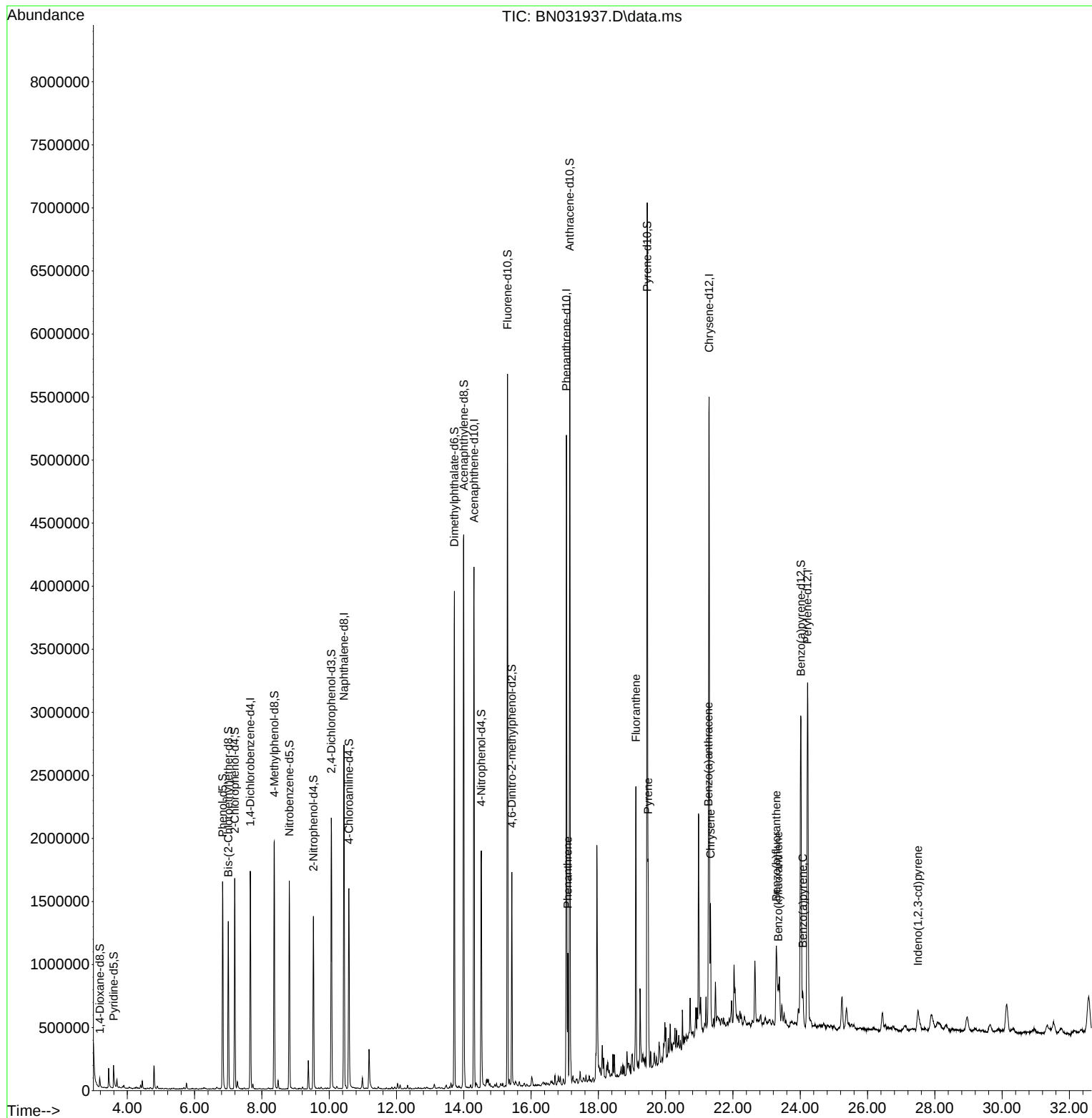
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031937.D
Acq On : 12 Jun 2024 12:06
Operator : MA/JU
Sample : P2678-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

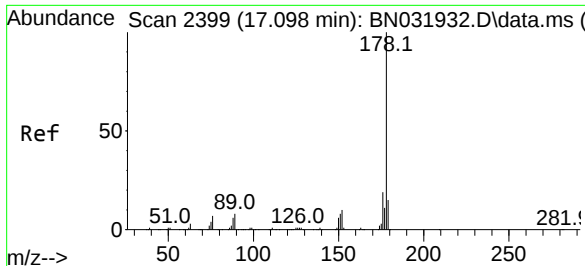
Instrument :
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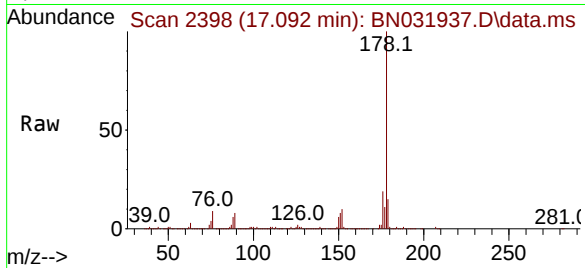
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.791 ng/u1
RT: 17.092 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

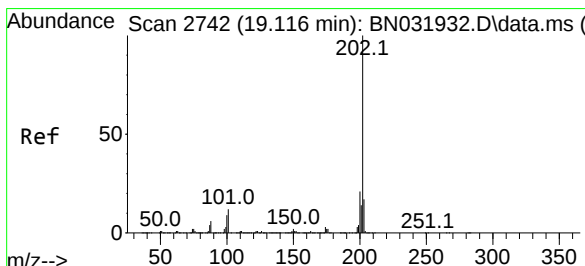
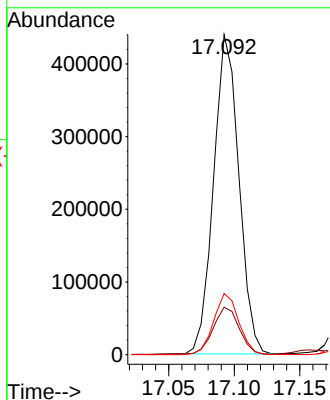
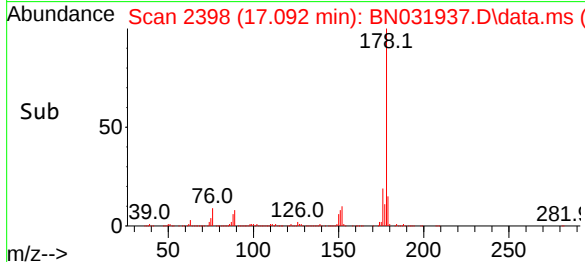
Instrument :
BNA_N
ClientSampleId :
BH675



Tgt Ion:178 Resp: 588468
Ion Ratio Lower Upper
178 100
179 14.9 12.6 19.0
176 19.1 15.8 23.6

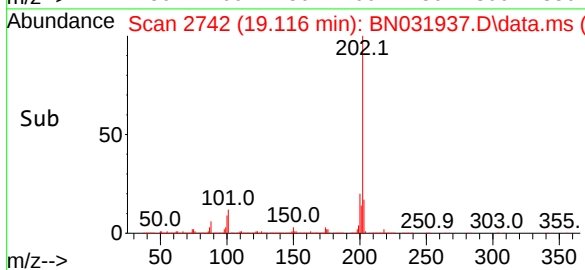
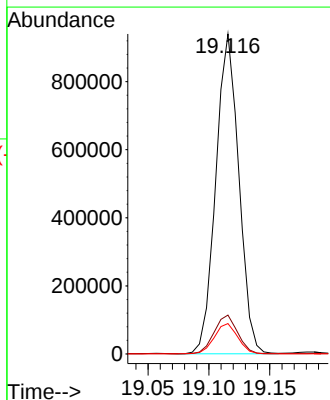
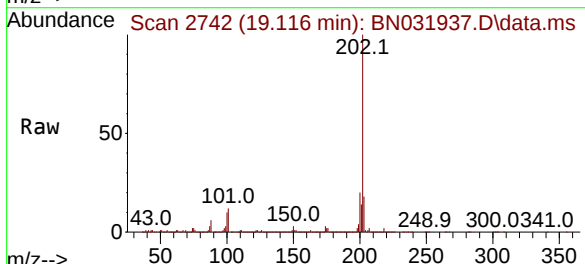
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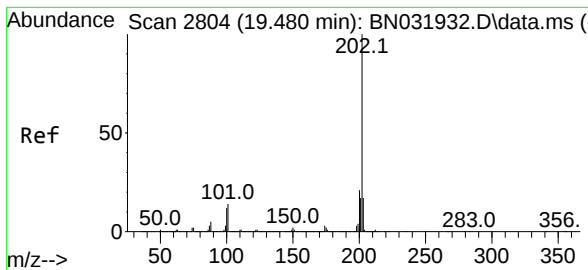
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#80
Fluoranthene
Concen: 7.705 ng/u1
RT: 19.116 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

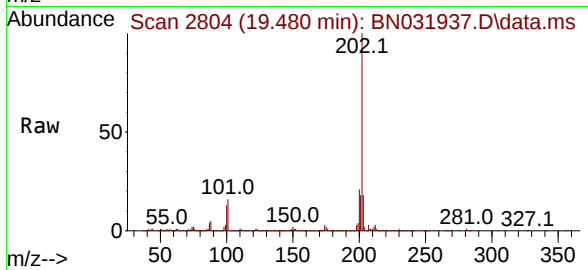
Tgt Ion:202 Resp: 1237223
Ion Ratio Lower Upper
202 100
101 12.2 10.3 15.5
100 9.5 8.0 12.0





#82
 Pyrene
 Concen: 5.612 ng/ul
 RT: 19.480 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN031937.D
 Acq: 12 Jun 2024 12:06

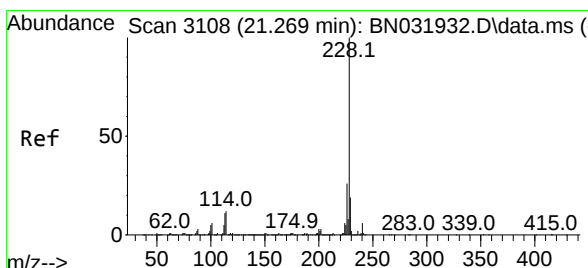
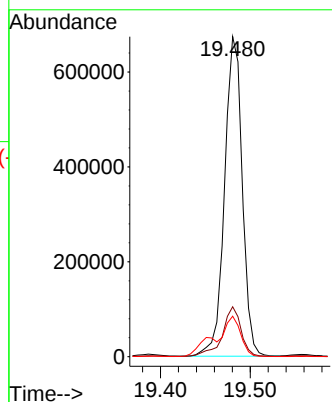
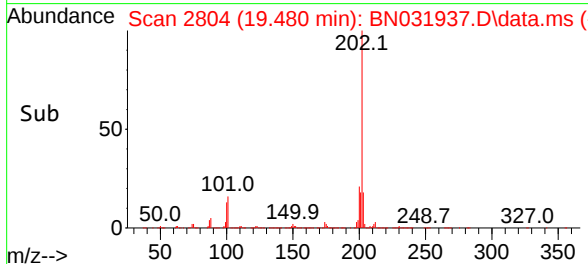
Instrument :
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Tgt Ion:202 Resp: 924590
 Ion Ratio Lower Upper
 202 100
 101 15.6 12.6 18.8
 100 12.6 10.2 15.2

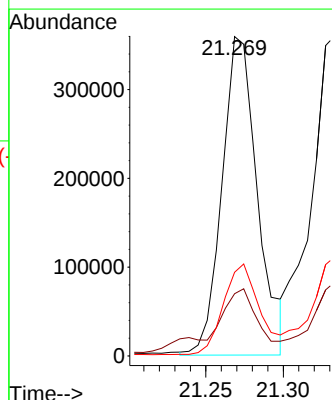
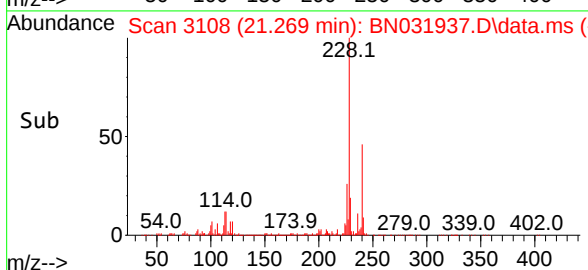
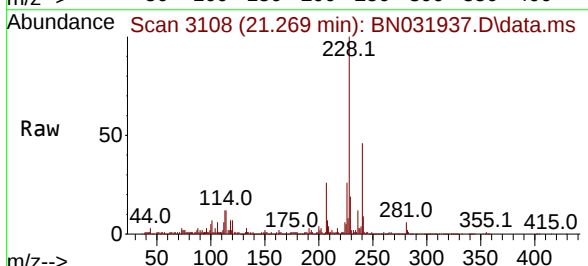
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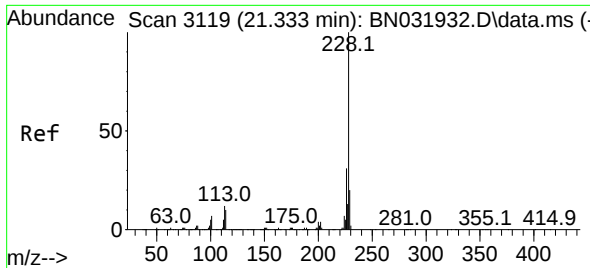
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024



#85
 Benzo(a)anthracene
 Concen: 3.390 ng/ul
 RT: 21.269 min Scan# 3108
 Delta R.T. -0.006 min
 Lab File: BN031937.D
 Acq: 12 Jun 2024 12:06

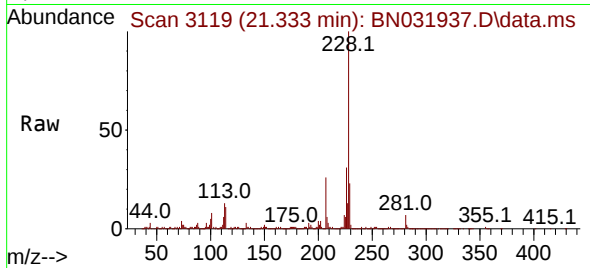
Tgt Ion:228 Resp: 569767
 Ion Ratio Lower Upper
 228 100
 229 19.5 16.7 25.1
 226 26.2 22.8 34.2





#87
Chrysene
Concen: 3.815 ng/ul m
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

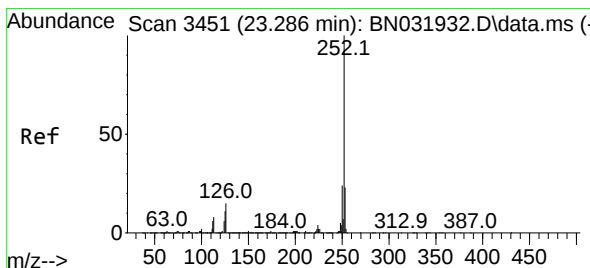
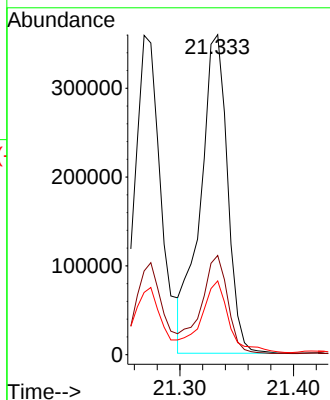
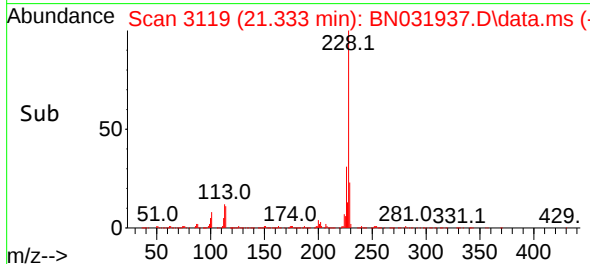
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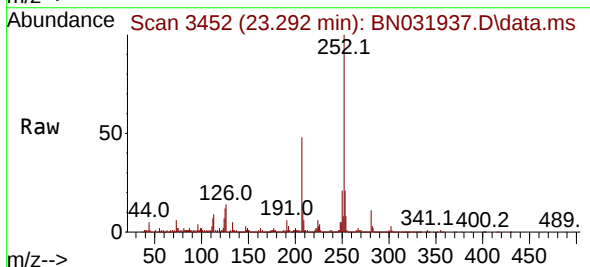
Tgt Ion:228 Resp: 598933
Ion Ratio Lower Upper
228 100
226 31.0 23.7 35.5
229 23.0 15.1 22.7

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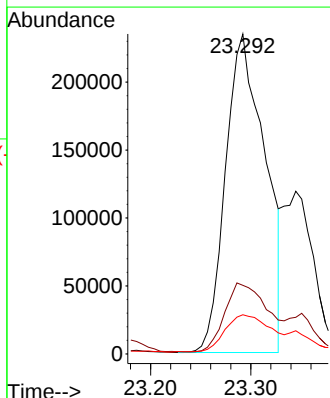
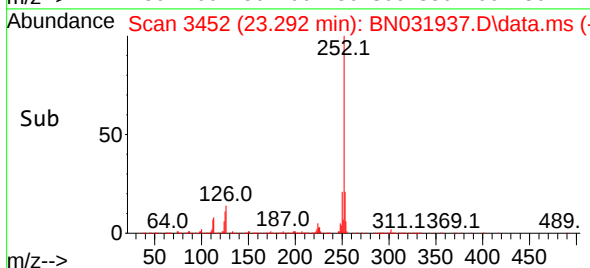
Reviewed By :Jagrut Upadhyay 06/13/2024
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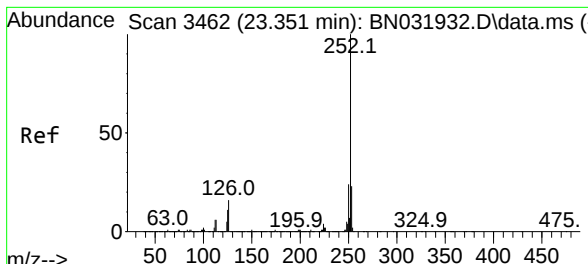


#90
Benzo(b)fluoranthene
Concen: 4.468 ng/ul
RT: 23.292 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06



Tgt Ion:252 Resp: 641226
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 12.3 9.2 13.8





#91
 Benzo(k)fluoranthene
 Concen: 1.732 ng/ul m
 RT: 23.345 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BN031937.D
 Acq: 12 Jun 2024 12:06

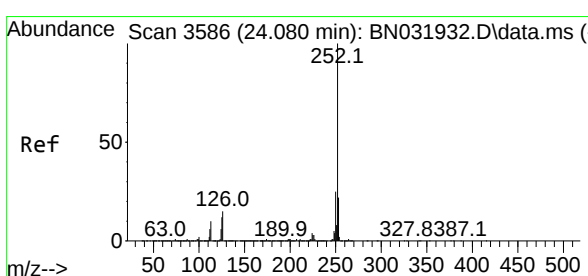
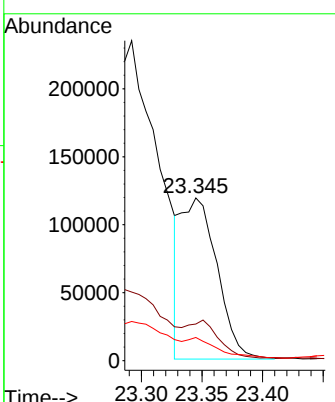
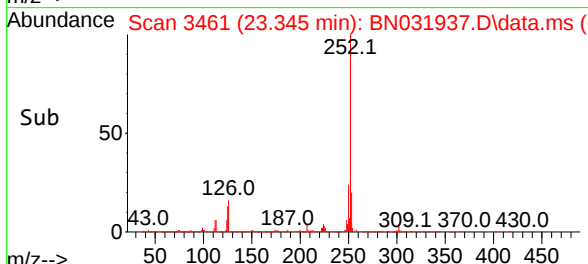
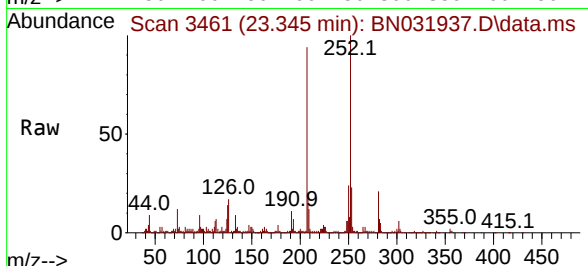
Instrument :
 BNA_N
 ClientSampleId :
 BH675

Tgt Ion:252 Resp: 243938

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	14.3	9.4	14.2

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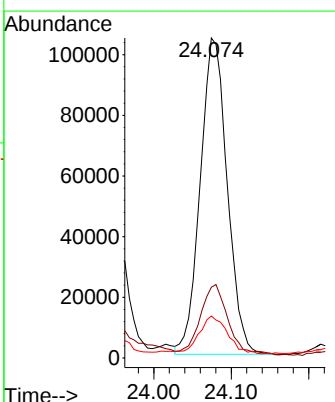
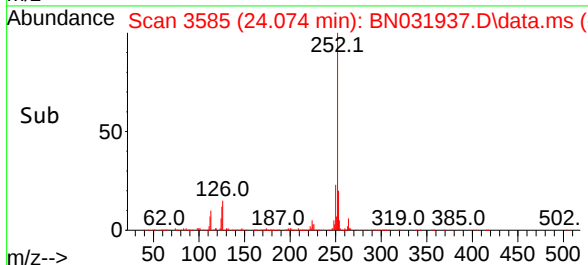
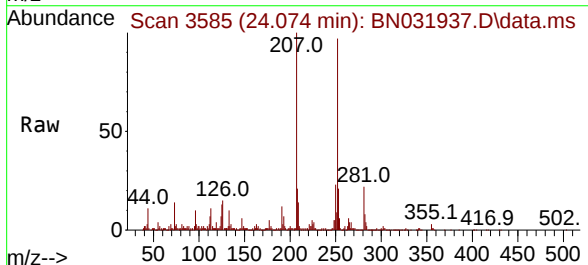
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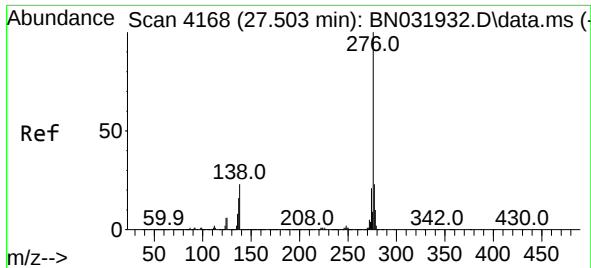


#93
 Benzo(a)pyrene
 Concen: 1.877 ng/ul
 RT: 24.074 min Scan# 3585
 Delta R.T. -0.006 min
 Lab File: BN031937.D
 Acq: 12 Jun 2024 12:06

Tgt Ion:252 Resp: 252320

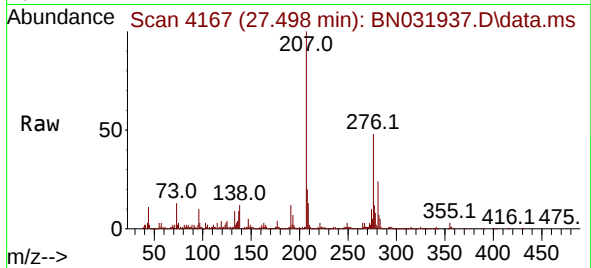
Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.6	24.8
125	13.1	9.8	14.8





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.378 ng/ul
 RT: 27.498 min Scan# 4167
 Delta R.T. -0.018 min
 Lab File: BN031937.D
 Acq: 12 Jun 2024 12:06

Instrument :
 BNA_N
 ClientSampleId :
 BH675



Tgt Ion:276 Resp: 213454
 Ion Ratio Lower Upper
 276 100
 138 24.3 18.1 27.1
 277 25.0 18.2 27.2

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