

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031943.D
 Acq On : 12 Jun 2024 16:03
 Operator : MA/JU
 Sample : P2678-22
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH691

Manual Integrations
 APPROVED

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

Quant Time: Jun 12 23:20:58 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	340395	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1585273	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1027856	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	2075553	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1405541	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1329152	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	33794	4.107	ng/uL	0.00
4) Pyridine-d5	3.581	84	458267	19.786	ng/u1	0.00
7) Phenol-d5	6.834	99	848254	29.068	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	468704	27.459	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	649549	29.172	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	748430	31.463	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	371397	30.641	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	409249	32.685	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	730839	31.266	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	1076102	31.006	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2499400	34.905	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	2856445	34.692	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	468774	32.696	ng/u1	0.00
60) Fluorene-d10	15.298	176	2160465	35.658	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	335051	32.115	ng/u1	0.00
73) Anthracene-d10	17.151	188	3234493	36.400	ng/u1	0.00
81) Pyrene-d10	19.451	212	3484551	46.329	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	2365330	37.268	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.092	178	117530	1.112	ng/u1	97
80) Fluoranthene	19.116	202	279453	3.109	ng/u1	98
82) Pyrene	19.480	202	245901	2.666	ng/u1	97
85) Benzo(a)anthracene	21.269	228	112466	1.195	ng/u1	98
87) Chrysene	21.327	228	127968m	1.456	ng/u1	
90) Benzo(b)fluoranthene	23.286	252	128426	1.617	ng/u1#	95
93) Benzo(a)pyrene	24.074	252	82826	1.113	ng/u1#	88

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

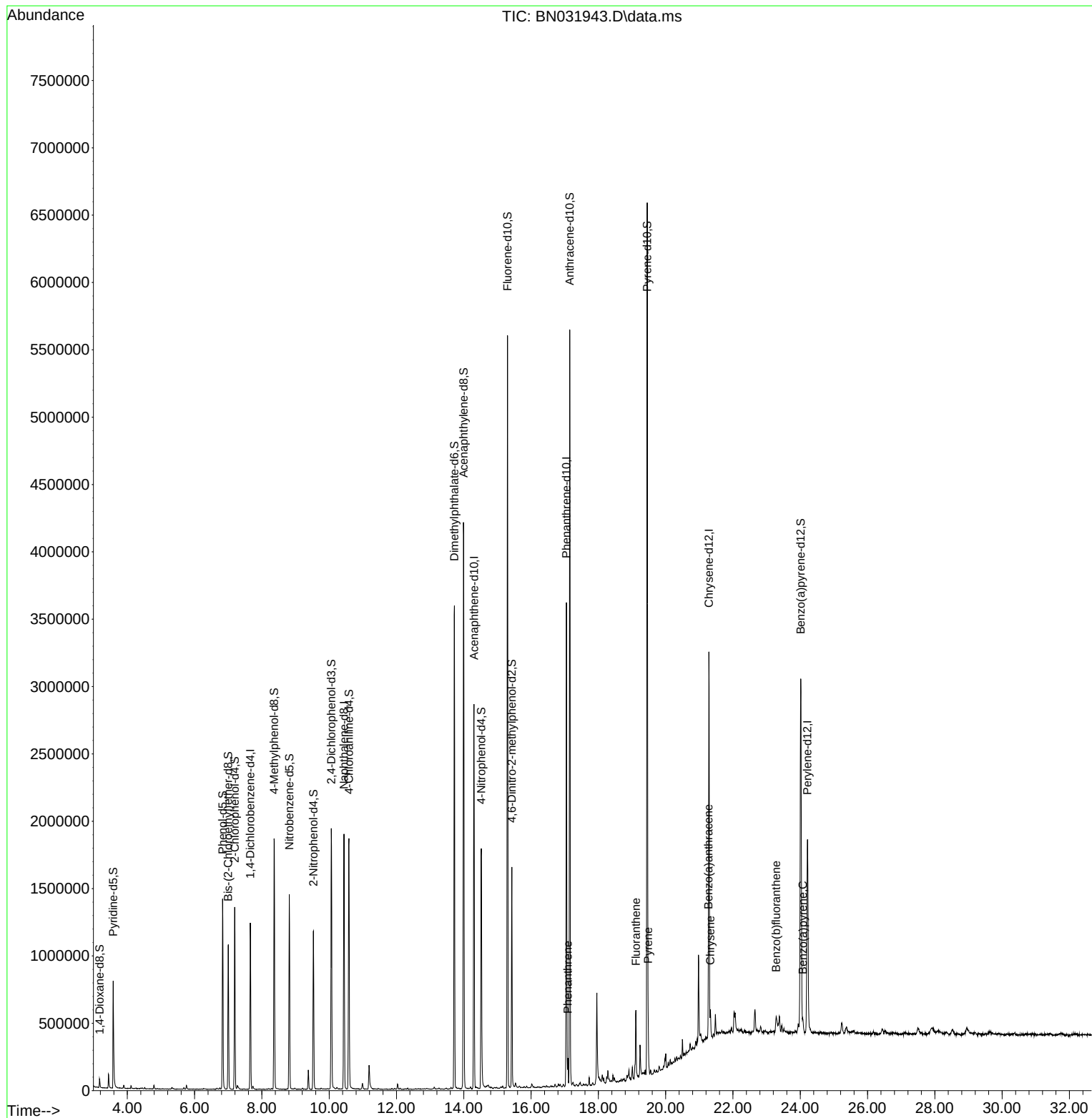
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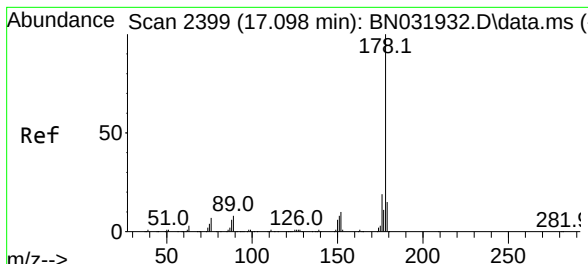
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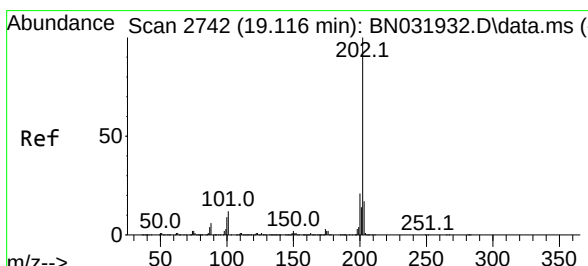
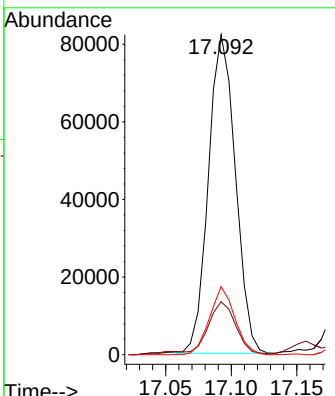
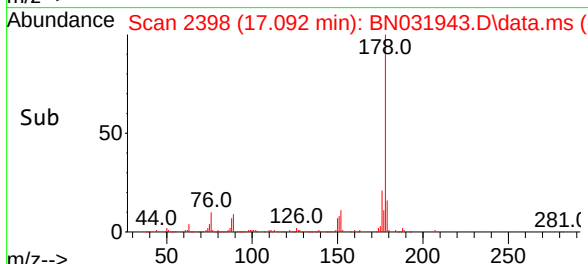
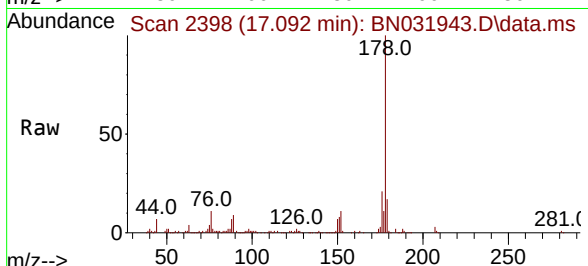
#72
 Phenanthrene
 Concen: 1.112 ng/ul
 RT: 17.092 min Scan# 217530
 Delta R.T. -0.006 min
 Lab File: BN031943.D
 Acq: 12 Jun 2024 16:03

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Tgt Ion:178	Resp: 11753
Ion Ratio	Lower Upper
178 100	
179 16.5	12.6 19.0
176 21.3	15.8 23.6

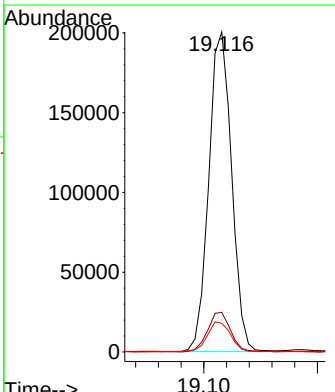
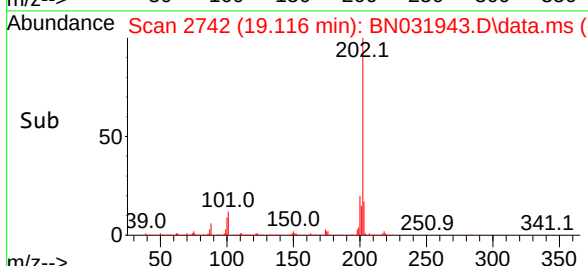
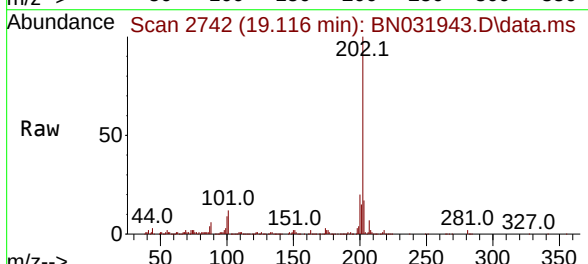
Manual Integrations
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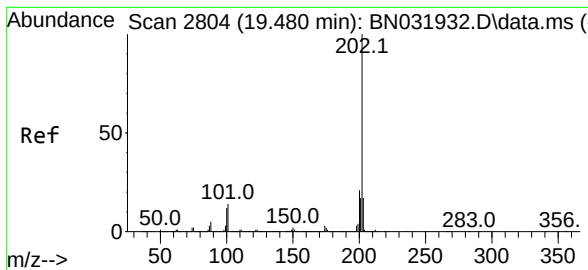
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024



#80
 Fluoranthene
 Concen: 3.109 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN031943.D
 Acq: 12 Jun 2024 16:03

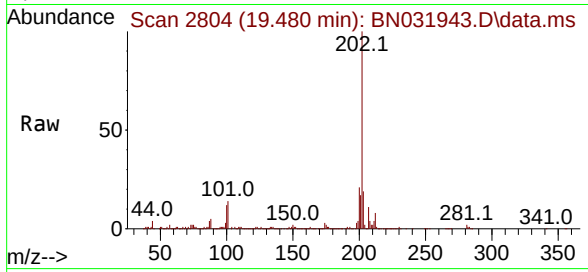
Tgt	Ion:202	Resp:	279453
Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.3	15.5
100	8.9	8.0	12.0





#82
 Pyrene
 Concen: 2.666 ng/ul
 RT: 19.480 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN031943.D
 Acq: 12 Jun 2024 16:03

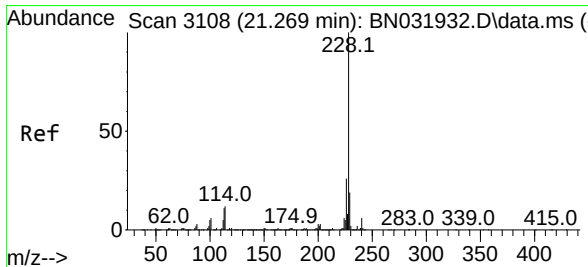
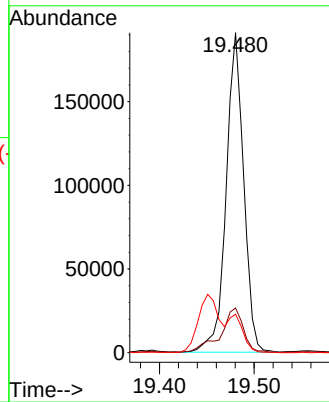
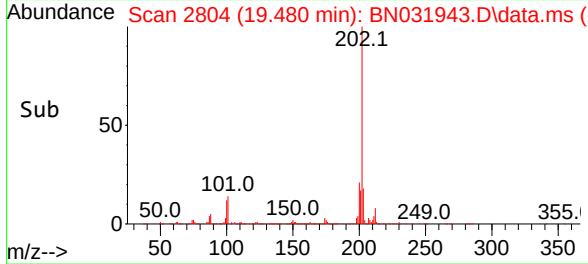
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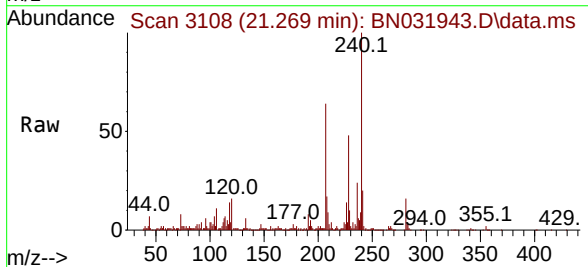
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 Ion Ratio Lower Upper
 202 100
 101 13.9 12.6 18.8
 100 12.0 10.2 15.2

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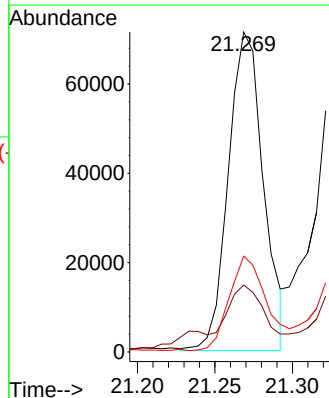
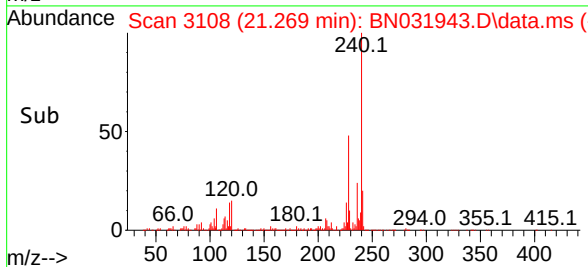
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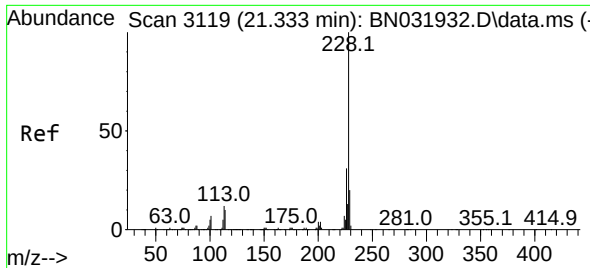


#85
 Benzo(a)anthracene
 Concen: 1.195 ng/ul
 RT: 21.269 min Scan# 3108
 Delta R.T. -0.006 min
 Lab File: BN031943.D
 Acq: 12 Jun 2024 16:03



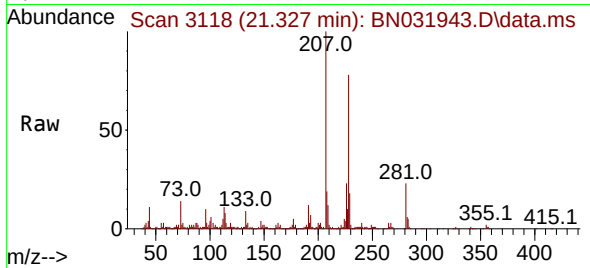
Tgt Ion:228 Resp: 112466
 Ion Ratio Lower Upper
 228 100
 229 20.9 16.7 25.1
 226 29.9 22.8 34.2





#87
Chrysene
Concen: 1.456 ng/ul m
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BN031943.D
Acq: 12 Jun 2024 16:03

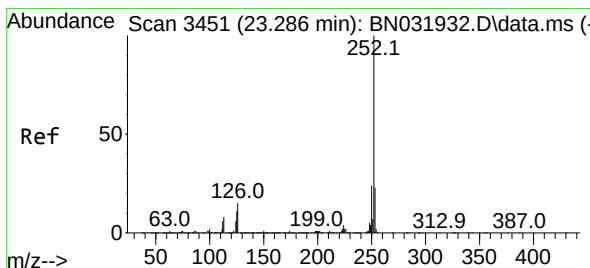
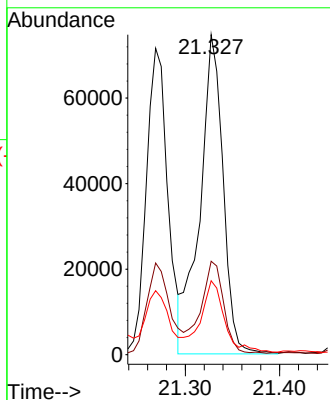
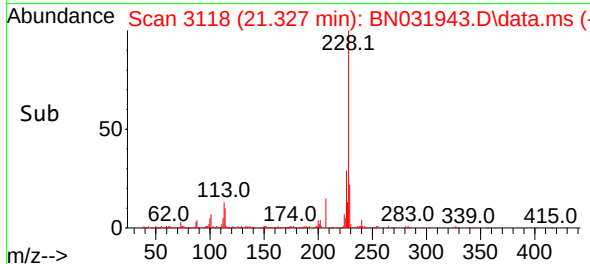
Instrument :
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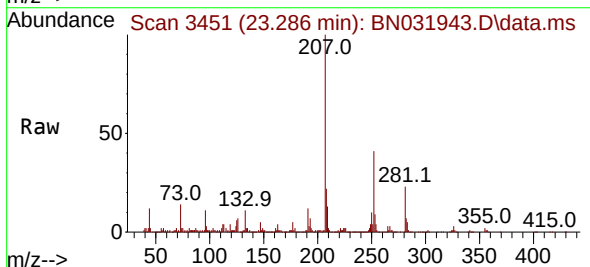
Tgt Ion:228 Resp: 127968
Ion Ratio Lower Upper
228 100
226 29.2 23.7 35.5
229 23.1 15.1 22.7

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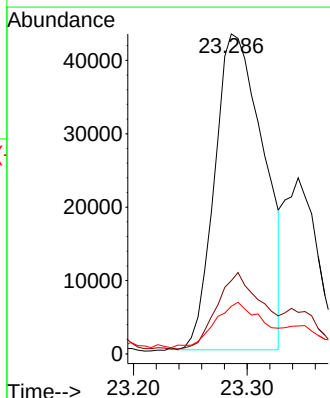
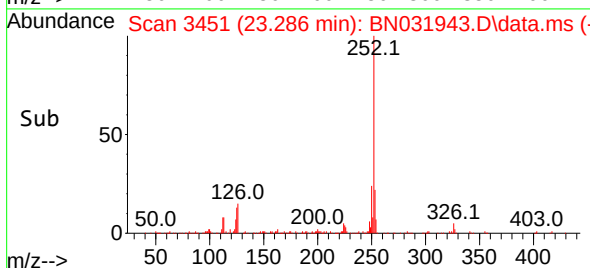
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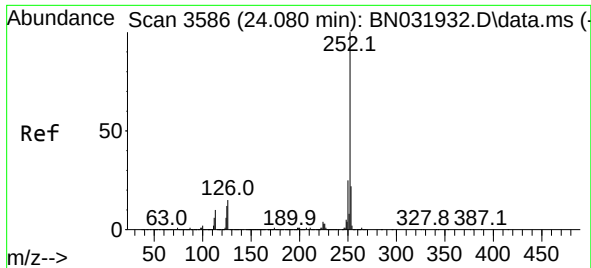


#90
Benzo(b)fluoranthene
Concen: 1.617 ng/ul
RT: 23.286 min Scan# 3451
Delta R.T. -0.006 min
Lab File: BN031943.D
Acq: 12 Jun 2024 16:03



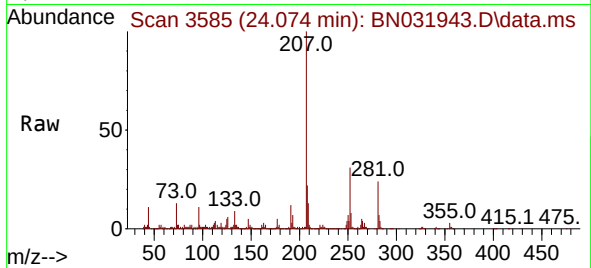
Tgt Ion:252 Resp: 128426
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 14.9 9.2 13.8





#93
Benzo(a)pyrene
Concen: 1.113 ng/ul
RT: 24.074 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BN031943.D
Acq: 12 Jun 2024 16:03

Instrument :
BNA_N
ClientSampleId :
BH691



Tgt Ion:252 Resp: 82820
Ion Ratio Lower Upper
252 100
253 26.4 16.6 24.8
125 16.4 9.8 14.8

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