

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031929.D
 Acq On : 12 Jun 2024 03:30
 Operator : MA/JU
 Sample : P2659-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC42

Manual Integrations
 APPROVED

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

Quant Time: Jun 12 04:04:17 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	318107	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1461793	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	948390	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1870615	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1227471	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1263049	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	27929	3.632	ng/uL	0.00
4) Pyridine-d5	3.581	84	352794	16.299	ng/u1	0.00
7) Phenol-d5	6.834	99	637312	23.370	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	372082	23.326	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	499236	23.992	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	507419	22.826	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	286448	25.629	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	312334	27.052	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	538178	24.969	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	752832	23.524	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1921594	29.084	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	2145236	28.238	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	233263	17.633	ng/u1	0.00
60) Fluorene-d10	15.298	176	1599372	28.609	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	177346	18.861	ng/u1	0.00
73) Anthracene-d10	17.151	188	2433042	30.381	ng/u1	0.00
81) Pyrene-d10	19.451	212	2421267	36.862	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1847804	30.638	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.098	178	176087	1.848	ng/u1	98
80) Fluoranthene	19.116	202	316021	4.026	ng/u1	98
82) Pyrene	19.480	202	302414	3.755	ng/u1	98
85) Benzo(a)anthracene	21.269	228	121664	1.481	ng/u1	98
87) Chrysene	21.327	228	132490	1.726	ng/u1	98
90) Benzo(b)fluoranthene	23.292	252	146818	1.945	ng/u1	95
93) Benzo(a)pyrene	24.074	252	106298	1.503	ng/u1#	93
96) Benzo(g,h,i)perylene	28.521	276	74120m	1.144	ng/u1	

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

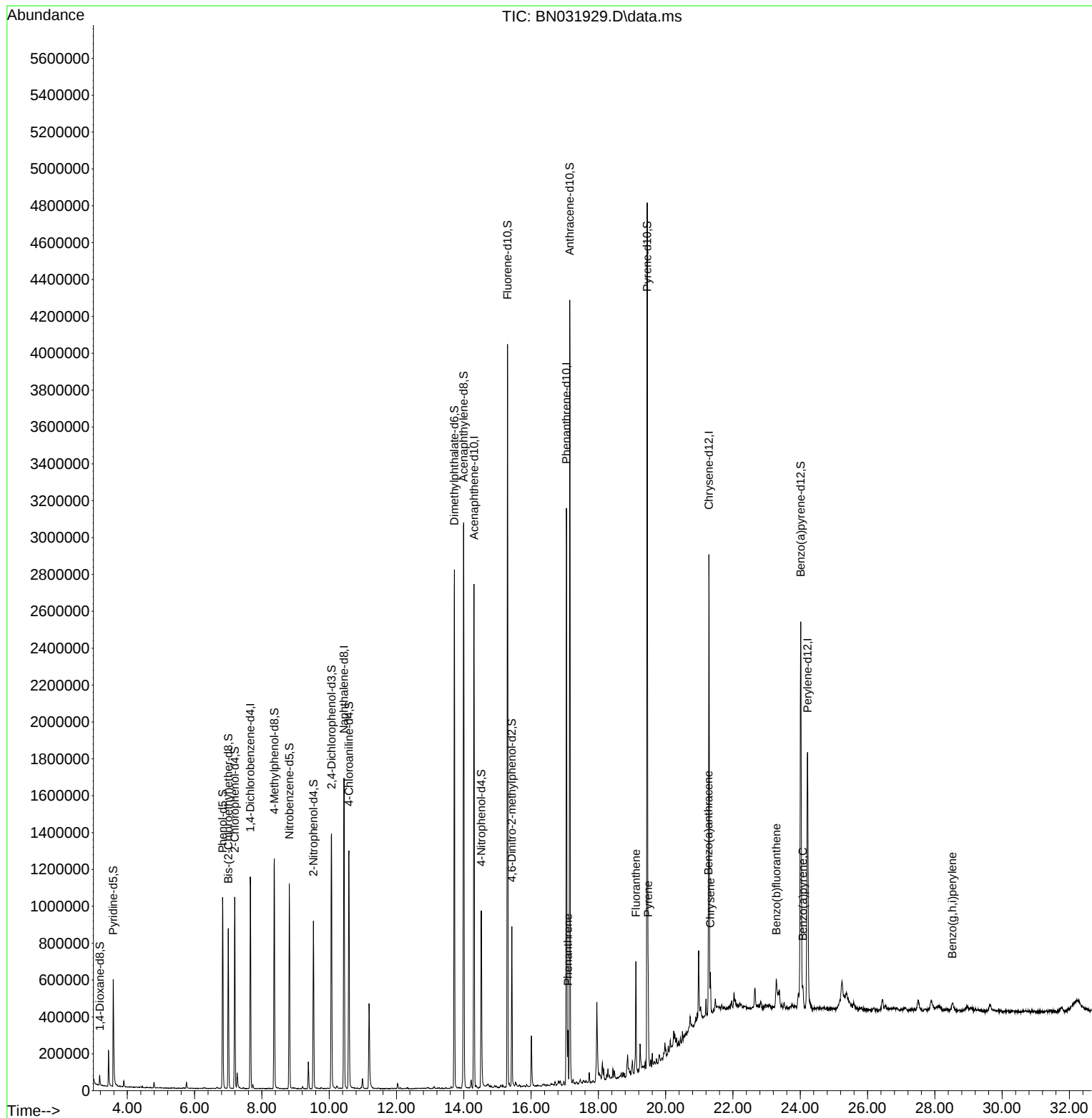
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031929.D
Acq On : 12 Jun 2024 03:30
Operator : MA/JU
Sample : P2659-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

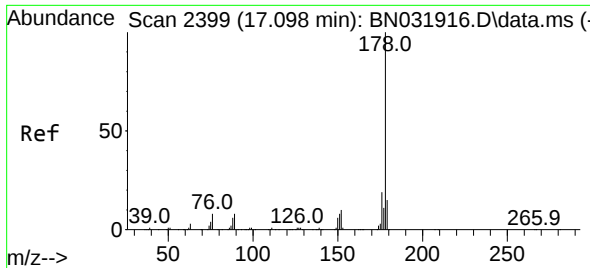
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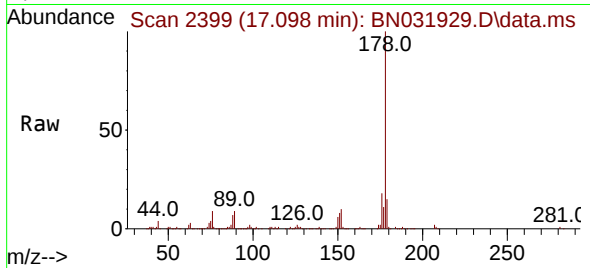
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.848 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031929.D
Acq: 12 Jun 2024 03:30

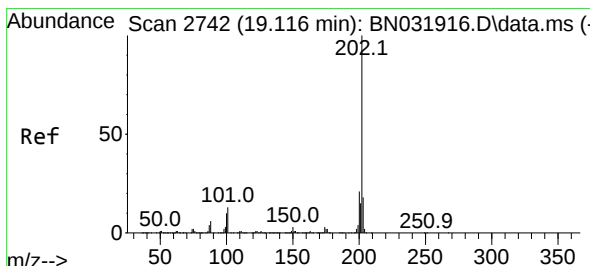
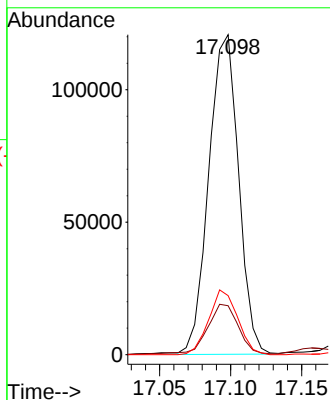
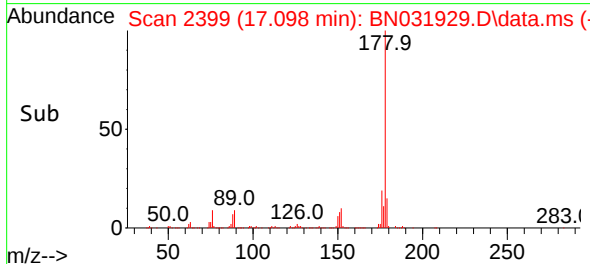
Instrument :
BNA_N
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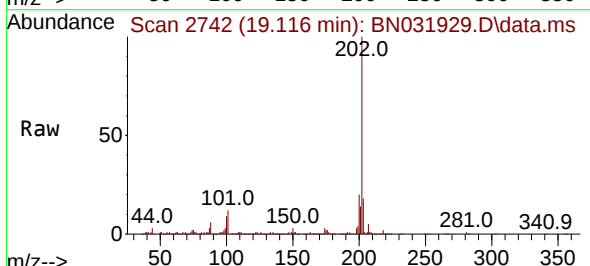
Tgt Ion:178 Resp: 17608
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.5 15.8 23.6

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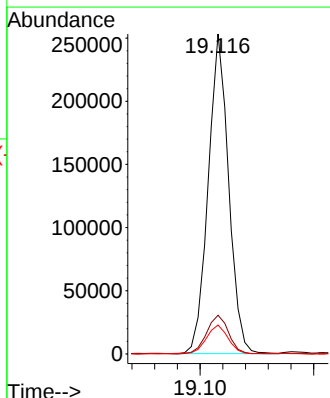
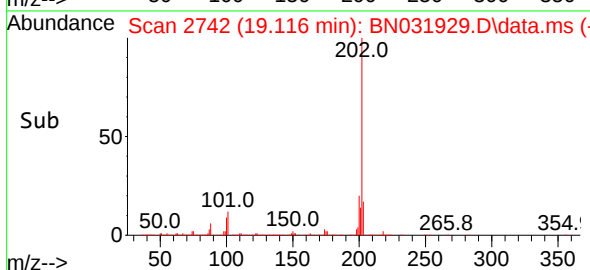
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024

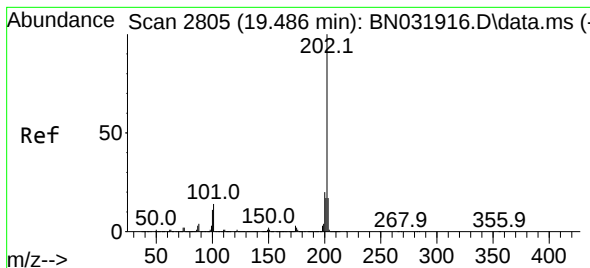


#80
Fluoranthene
Concen: 4.026 ng/ul
RT: 19.116 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BN031929.D
Acq: 12 Jun 2024 03:30



Tgt Ion:202 Resp: 316021
Ion Ratio Lower Upper
202 100
101 12.1 10.3 15.5
100 9.0 8.0 12.0





#82

Pyrene

Concen: 3.755 ng/ul

RT: 19.480 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BN031929.D

Acq: 12 Jun 2024 03:30

Instrument :

BNA_N

ClientSampleId :

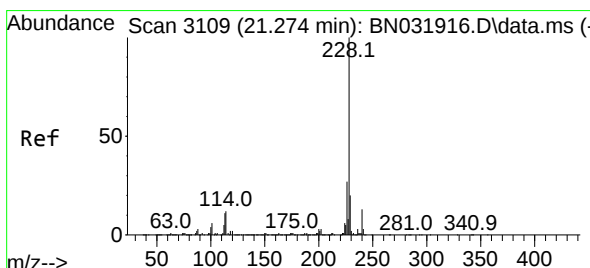
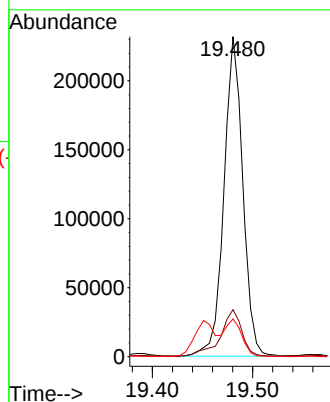
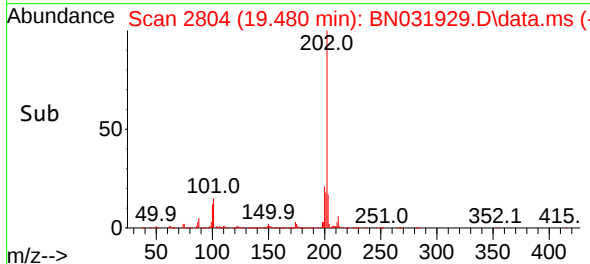
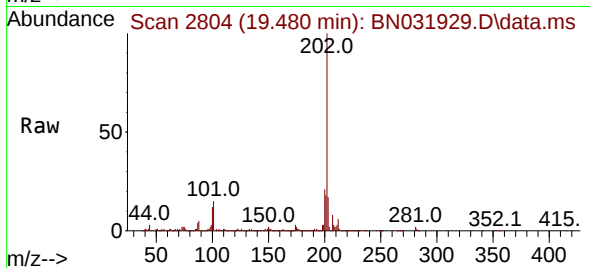
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Tgt Ion:202 Resp: 302414
 Ion Ratio Lower Upper
 202 100
 101 14.7 12.6 18.8
 100 11.8 10.2 15.2

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#85

Benzo(a)anthracene

Concen: 1.481 ng/ul

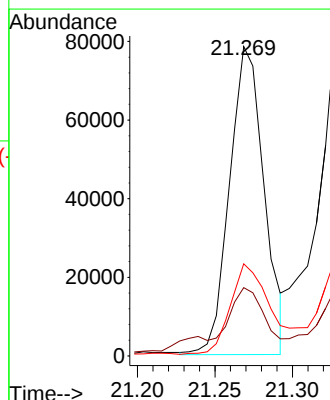
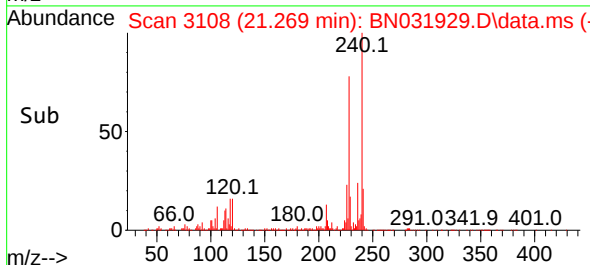
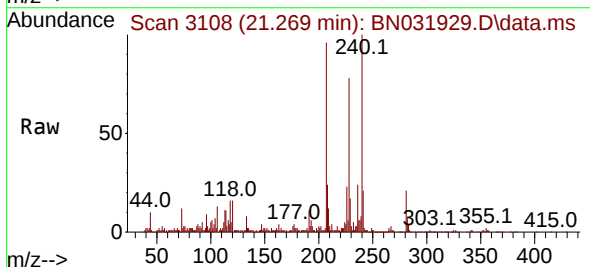
RT: 21.269 min Scan# 3108

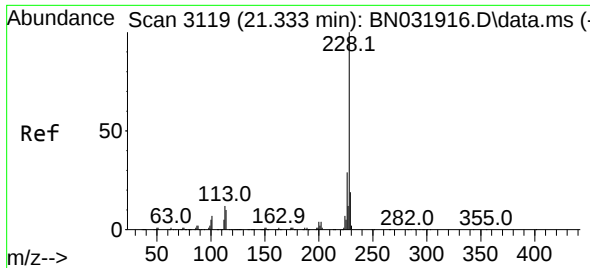
Delta R.T. -0.006 min

Lab File: BN031929.D

Acq: 12 Jun 2024 03:30

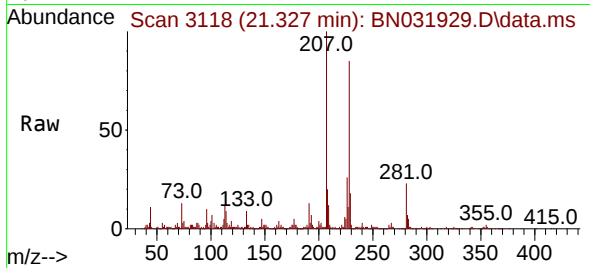
Tgt Ion:228 Resp: 121664
 Ion Ratio Lower Upper
 228 100
 229 22.1 16.7 25.1
 226 29.8 22.8 34.2





#87
Chrysene
Concen: 1.726 ng/ul
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BN031929.D
Acq: 12 Jun 2024 03:30

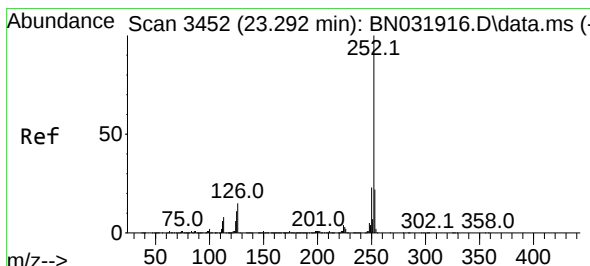
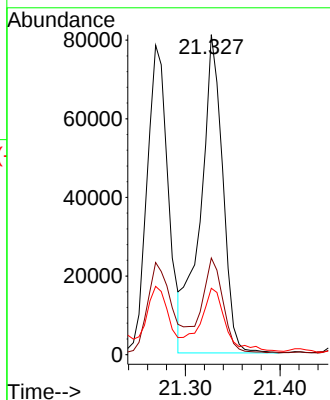
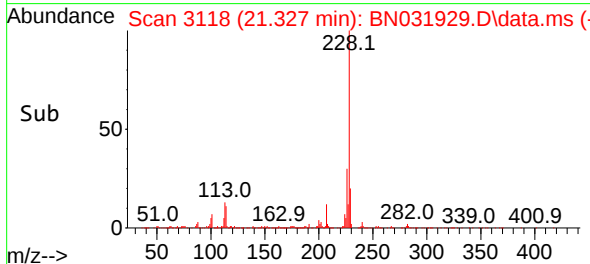
Instrument :
BNA_N
ClientSampleId :
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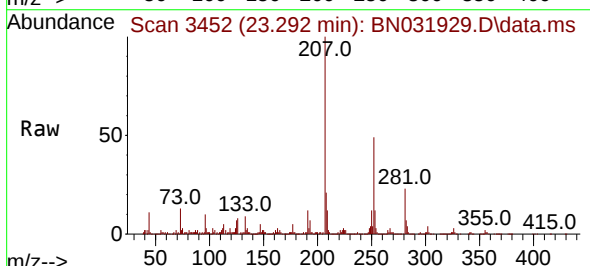
Tgt Ion:228 Resp: 132490
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 20.8 15.1 22.7

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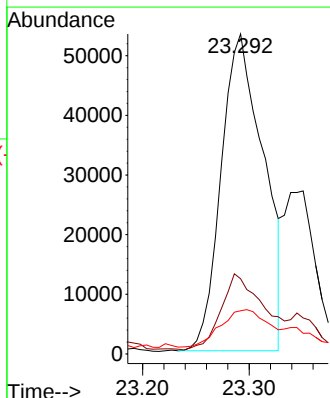
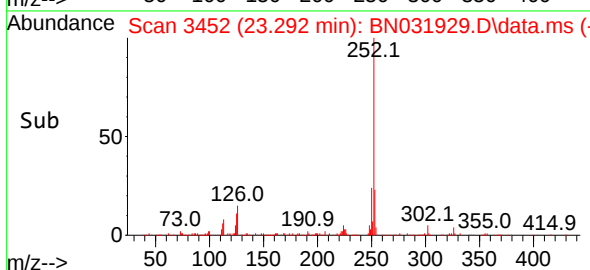
Reviewed By :Jagrut Upadhyay 06/12/2024
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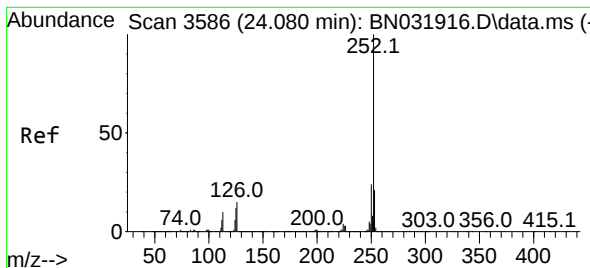


#90
Benzo(b)fluoranthene
Concen: 1.945 ng/ul
RT: 23.292 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BN031929.D
Acq: 12 Jun 2024 03:30



Tgt Ion:252 Resp: 146818
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 13.5 9.2 13.8





#93

Benzo(a)pyrene

Concen: 1.503 ng/ul

RT: 24.074 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN031929.D

Acq: 12 Jun 2024 03:30

Instrument :

BNA_N

ClientSampleId :

BHC42

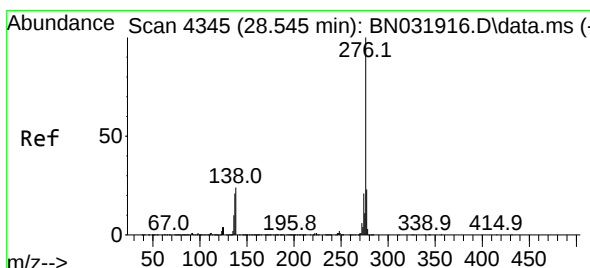
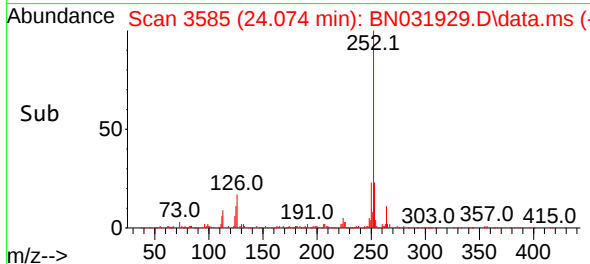
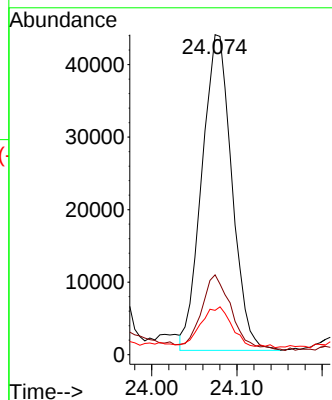
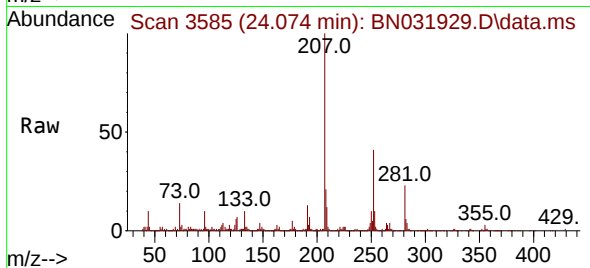
Tgt Ion:252 Resp: 106298

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.6	24.8
125	13.9	9.8	14.8

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#96

Benzo(g,h,i)perylene

Concen: 1.144 ng/ul m

RT: 28.521 min Scan# 4341

Delta R.T. -0.023 min

Lab File: BN031929.D

Acq: 12 Jun 2024 03:30

Tgt Ion:276 Resp: 74120

Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.9	31.3
277	24.5	18.0	27.0

