

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031953.D
 Acq On : 12 Jun 2024 22:36
 Operator : MA/JU
 Sample : P2678-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH686

Manual Integrations
 APPROVED

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

Quant Time: Jun 12 23:53:55 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	454358	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	1898539	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1088445	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1747581	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1236519	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1468011	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	43346	3.947	ng/uL	0.00
4) Pyridine-d5	3.581	84	582959	18.856	ng/u1	0.00
7) Phenol-d5	6.840	99	970710	24.921	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	556188	24.412	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	792876	26.678	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	797424	25.115	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	422696	29.119	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	463003	30.877	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	785343	28.054	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	1080826	26.004	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2414089	31.837	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2726380	31.269	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	324213	21.355	ng/u1	0.00
60) Fluorene-d10	15.304	176	1893530	29.513	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	191347	21.783	ng/u1	0.00
73) Anthracene-d10	17.157	188	2352911	31.448	ng/u1	0.00
81) Pyrene-d10	19.457	212	2294248	34.673	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2361014	33.682	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.098	178	265482	2.982	ng/u1	98
80) Fluoranthene	19.116	202	495045	6.260	ng/u1	99
82) Pyrene	19.480	202	432421	5.330	ng/u1	97
85) Benzo(a)anthracene	21.268	228	230882	2.790	ng/u1	99
87) Chrysene	21.333	228	256065m	3.312	ng/u1	
90) Benzo(b)fluoranthene	23.292	252	323465	3.686	ng/u1#	95
91) Benzo(k)fluoranthene	23.351	252	112258m	1.304	ng/u1	
93) Benzo(a)pyrene	24.080	252	223578	2.721	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	27.515	276	168291	1.777	ng/u1	97
96) Benzo(g,h,i)perylene	28.539	276	160960	2.138	ng/u1	95

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

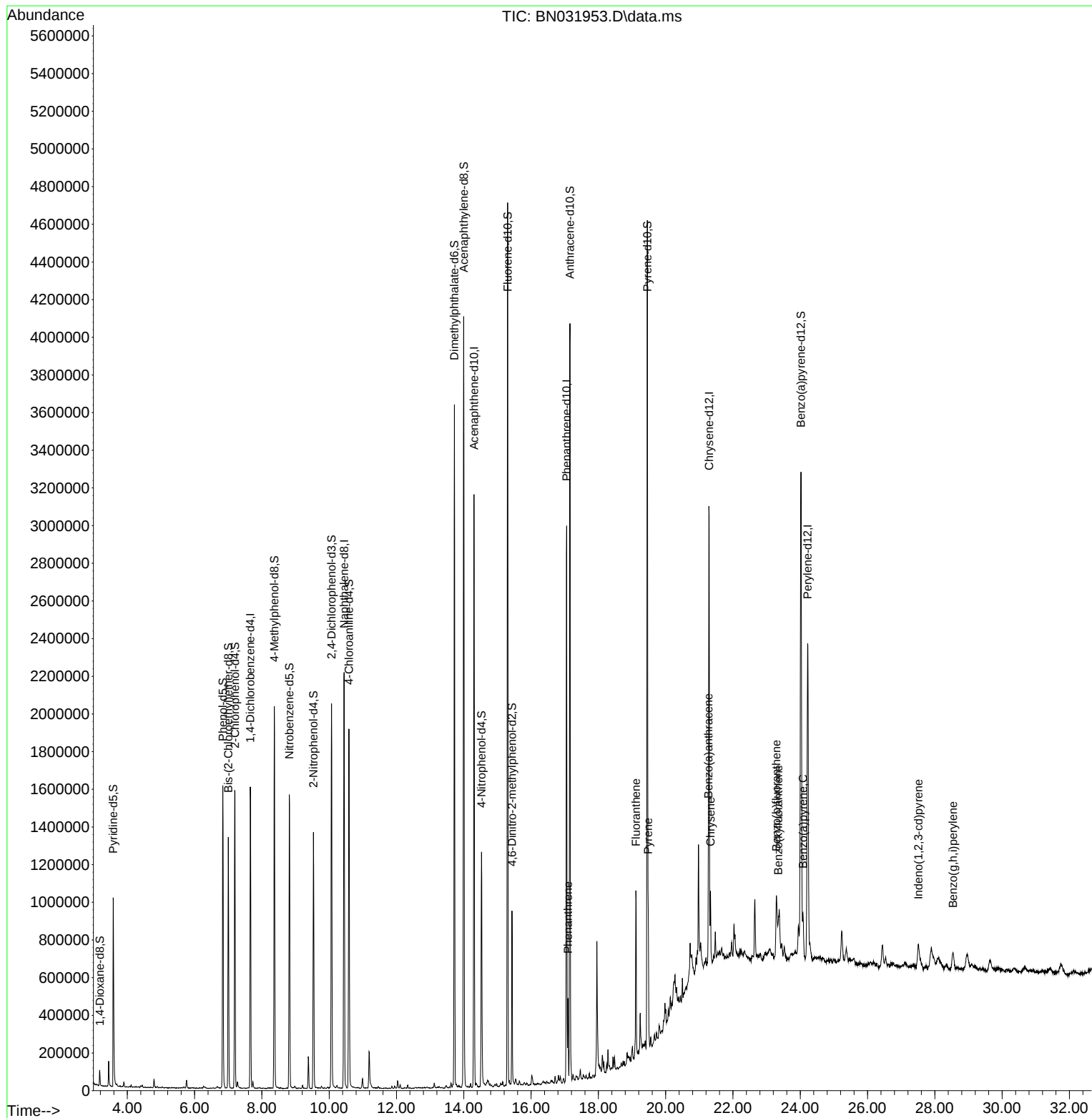
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031953.D
Acq On : 12 Jun 2024 22:36
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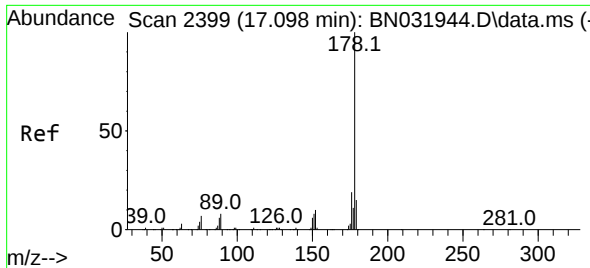
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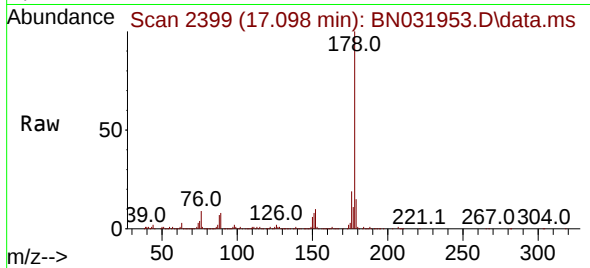
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 2.982 ng/u1
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031953.D
Acq: 12 Jun 2024 22:36

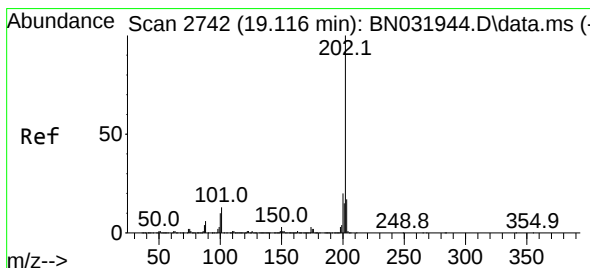
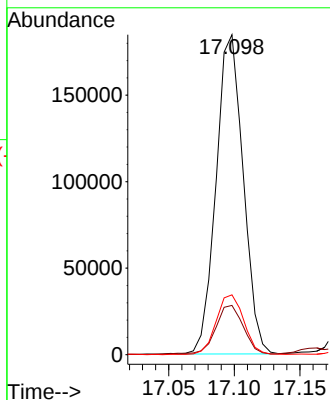
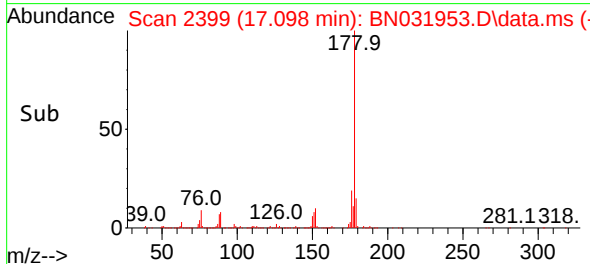
Instrument :
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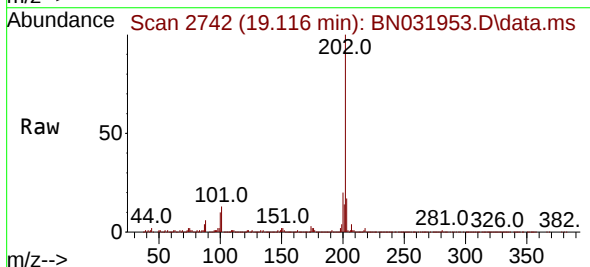
Tgt Ion:178 Resp: 265482
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 18.7 15.8 23.6

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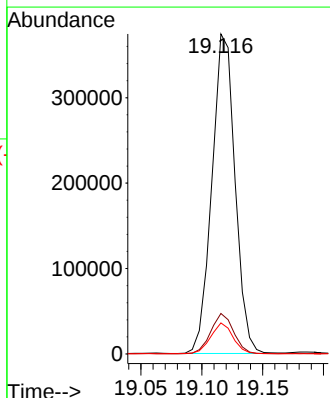
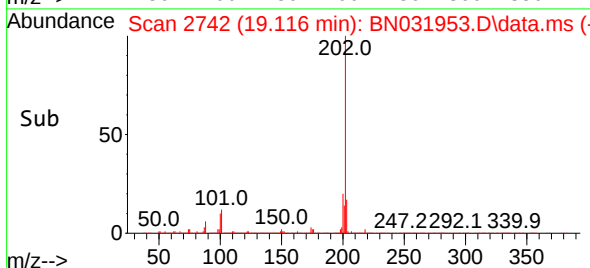
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

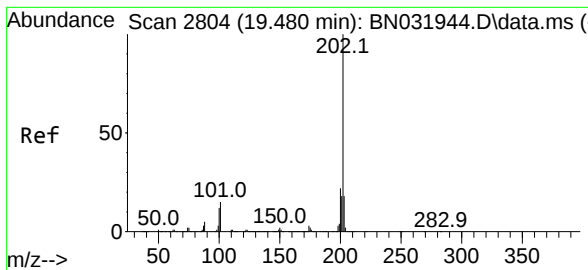


#80
Fluoranthene
Concen: 6.260 ng/u1
RT: 19.116 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BN031953.D
Acq: 12 Jun 2024 22:36



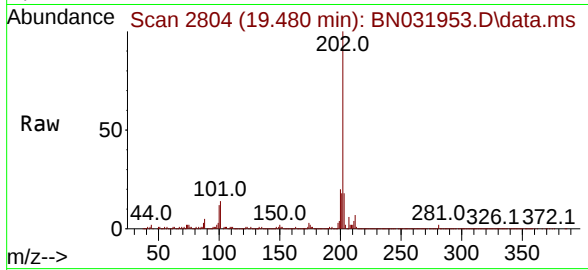
Tgt Ion:202 Resp: 495045
Ion Ratio Lower Upper
202 100
101 12.7 10.3 15.5
100 9.7 8.0 12.0





#82
Pyrene
Concen: 5.330 ng/ul
RT: 19.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031953.D
Acq: 12 Jun 2024 22:36

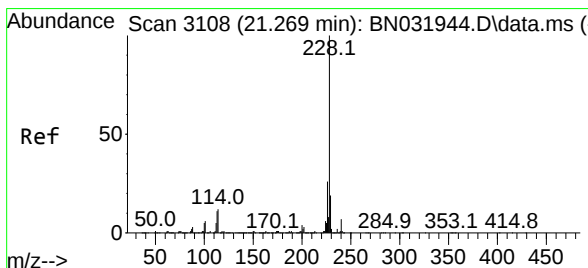
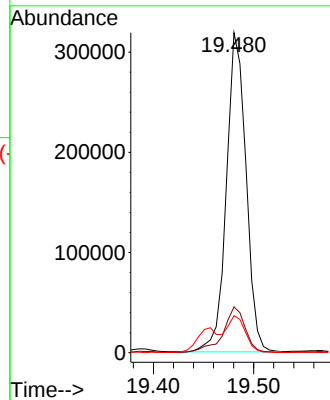
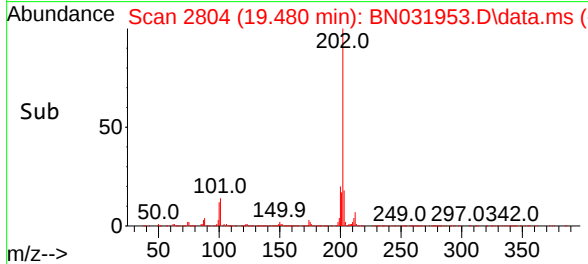
Instrument :
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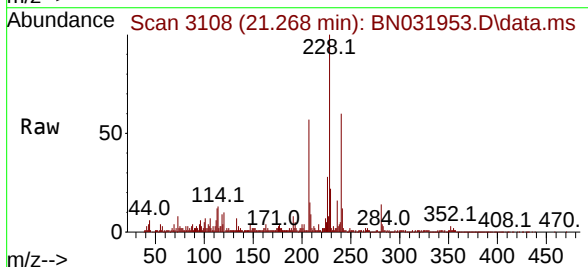
Tgt Ion:202 Resp: 432421
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 11.6 10.2 15.2

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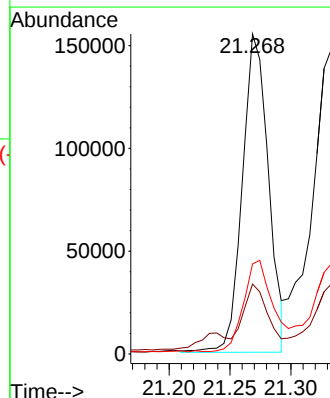
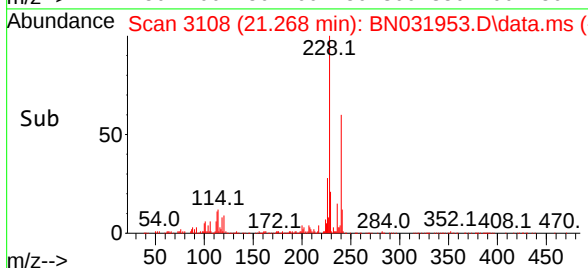
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

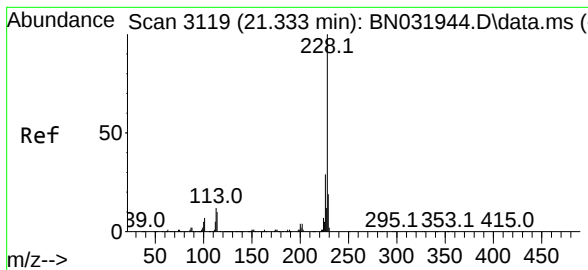


#85
Benzo(a)anthracene
Concen: 2.790 ng/ul
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BN031953.D
Acq: 12 Jun 2024 22:36



Tgt Ion:228 Resp: 230882
Ion Ratio Lower Upper
228 100
229 21.9 16.7 25.1
226 28.2 22.8 34.2





#87

Chrysene

Concen: 3.312 ng/ul m

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN031953.D

Acq: 12 Jun 2024 22:36

Instrument :

BNA_N

ClientSampleId :

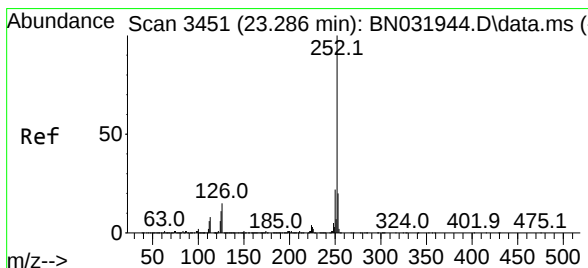
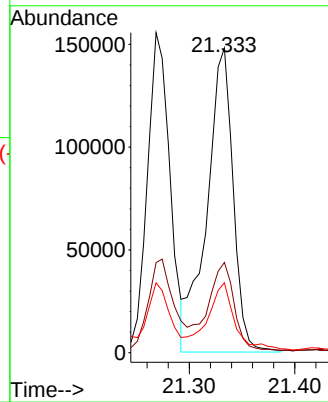
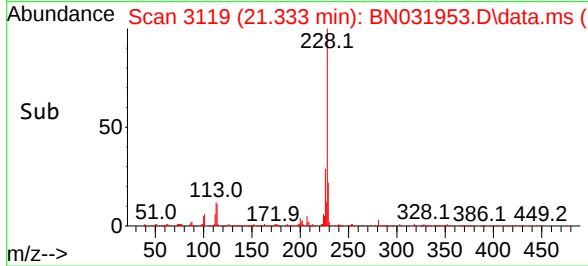
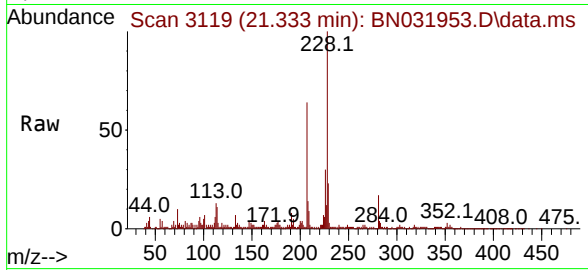
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Tgt Ion:228	Resp: 25606
Ion Ratio	Lower Upper
228 100	
226 29.6	23.7 35.5
229 22.9	15.1 22.7

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#90

Benzo(b)fluoranthene

Concen: 3.686 ng/ul

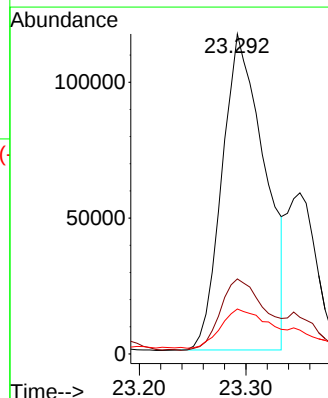
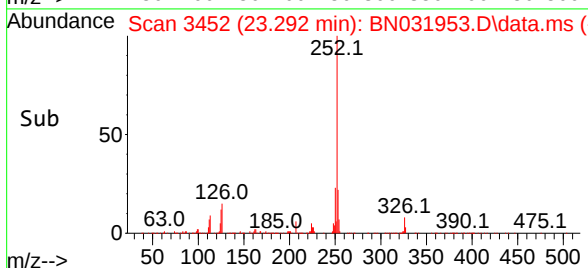
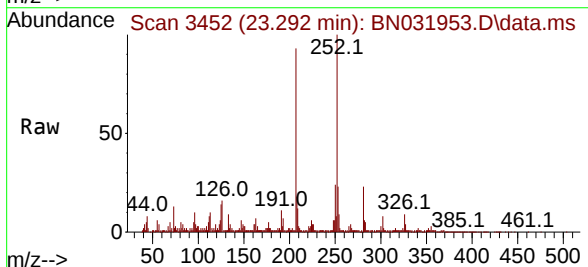
RT: 23.292 min Scan# 3452

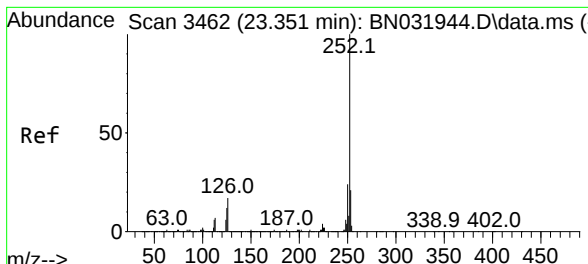
Delta R.T. 0.000 min

Lab File: BN031953.D

Acq: 12 Jun 2024 22:36

Tgt Ion:252	Resp: 323465
Ion Ratio	Lower Upper
252 100	
253 23.5	17.0 25.6
125 14.1	9.2 13.8





#91
 Benzo(k)fluoranthene
 Concen: 1.304 ng/ul m
 RT: 23.351 min Scan# 3462
 Delta R.T. 0.000 min
 Lab File: BN031953.D
 Acq: 12 Jun 2024 22:36

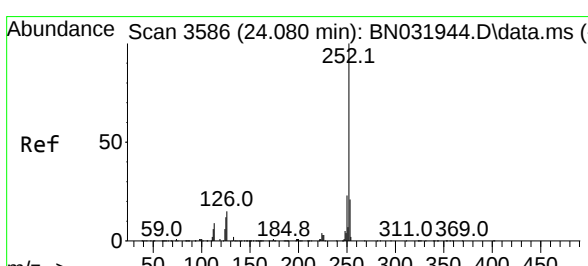
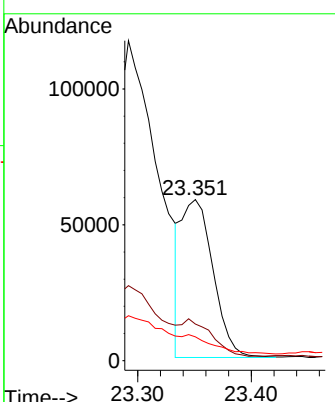
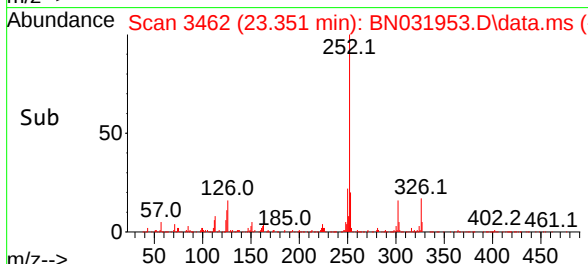
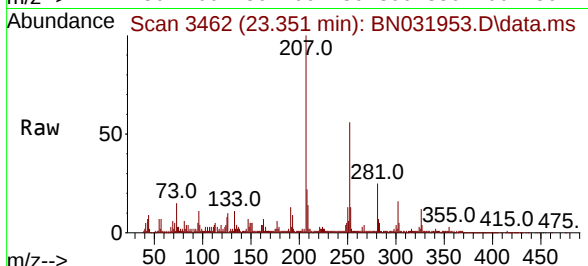
Instrument :
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Tgt Ion:252 Resp: 112258

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	14.8	9.4	14.2

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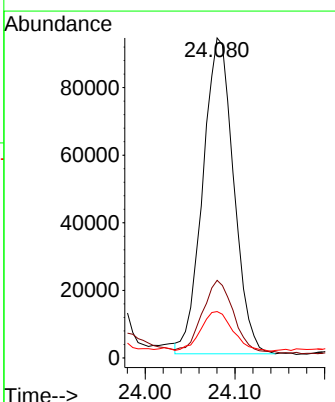
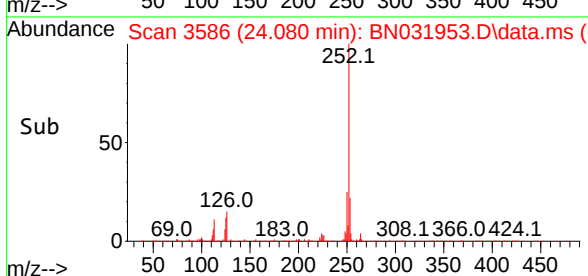
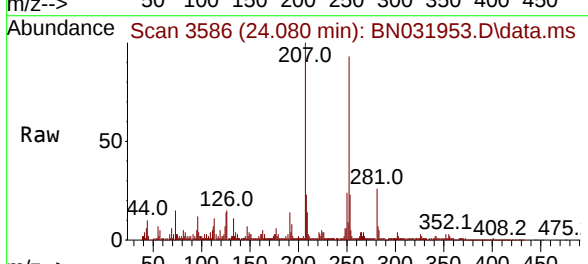
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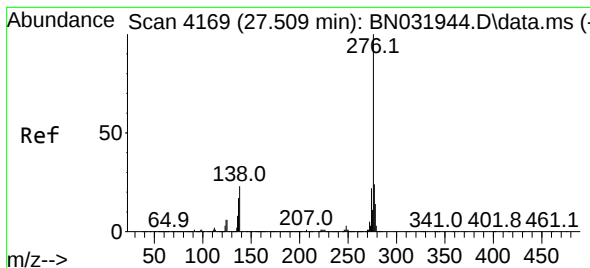


#93
 Benzo(a)pyrene
 Concen: 2.721 ng/ul
 RT: 24.080 min Scan# 3586
 Delta R.T. 0.000 min
 Lab File: BN031953.D
 Acq: 12 Jun 2024 22:36

Tgt Ion:252 Resp: 223578

Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.6	24.8
125	14.5	9.8	14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.777 ng/ul

RT: 27.515 min Scan# 4169

Delta R.T. 0.000 min

Lab File: BN031953.D

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Instrument :

BNA_N

ClientSampleId :

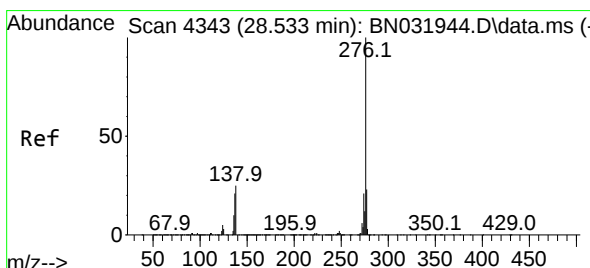
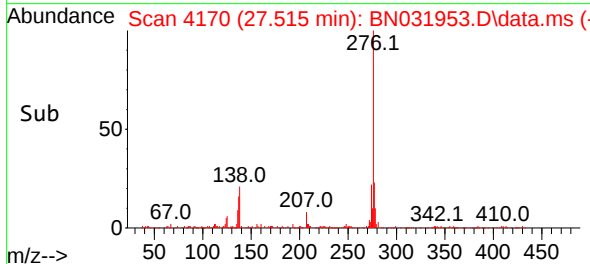
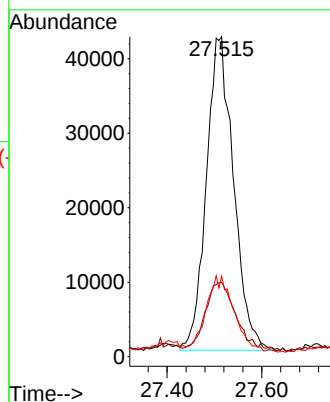
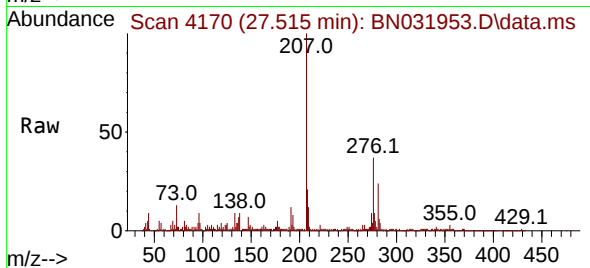
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Tgt Ion:	276	Resp:	16829
Ion Ratio	Lower	Upper	
276	100		
138	23.3	18.1	27.1
277	25.2	18.2	27.2

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#96

Benzo(g,h,i)perylene

Concen: 2.138 ng/ul

RT: 28.539 min Scan# 4344

Delta R.T. -0.006 min

Lab File: BN031953.D

Acq: 12 Jun 2024 22:36

Tgt Ion:	276	Resp:	160960
Ion Ratio	Lower	Upper	
276	100		
138	28.8	20.9	31.3
277	24.7	18.0	27.0

