

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031939.D
 Acq On : 12 Jun 2024 13:25
 Operator : MA/JU
 Sample : P2678-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH680

Manual Integrations
 APPROVED

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

Quant Time: Jun 12 23:10:33 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	306634	20.000	ng/u1	0.00
20) Naphthalene-d8	10.439	136	1422624	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	934423	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1952164	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1344530	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1219778	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	25528	3.444	ng/uL	0.00
4) Pyridine-d5	3.593	84	55508	2.660	ng/u1	0.01
7) Phenol-d5	6.834	99	580272	22.074	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	338437	22.011	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	465325	23.199	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	477080	22.264	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	251244	23.098	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	267599	23.816	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	473676	22.581	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	569845	18.296	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1599813	24.576	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	1822694	24.351	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	291970	22.401	ng/u1	0.00
60) Fluorene-d10	15.298	176	1373342	24.933	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	201998	20.586	ng/u1	0.00
73) Anthracene-d10	17.151	188	2155459	25.790	ng/u1	0.00
81) Pyrene-d10	19.451	212	2232023	31.022	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1173167	20.142	ng/u1	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.092	178	442291	4.448	ng/u1	98
80) Fluoranthene	19.116	202	740636	8.613	ng/u1	99
82) Pyrene	19.480	202	528299	5.988	ng/u1	99
85) Benzo(a)anthracene	21.268	228	241976	2.689	ng/u1	99
87) Chrysene	21.327	228	290148	3.452	ng/u1	96
90) Benzo(b)fluoranthene	23.292	252	287440	3.942	ng/u1	98
91) Benzo(k)fluoranthene	23.351	252	116547m	1.629	ng/u1	
93) Benzo(a)pyrene	24.080	252	114346	1.675	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.497	276	99771	1.268	ng/u1	98

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

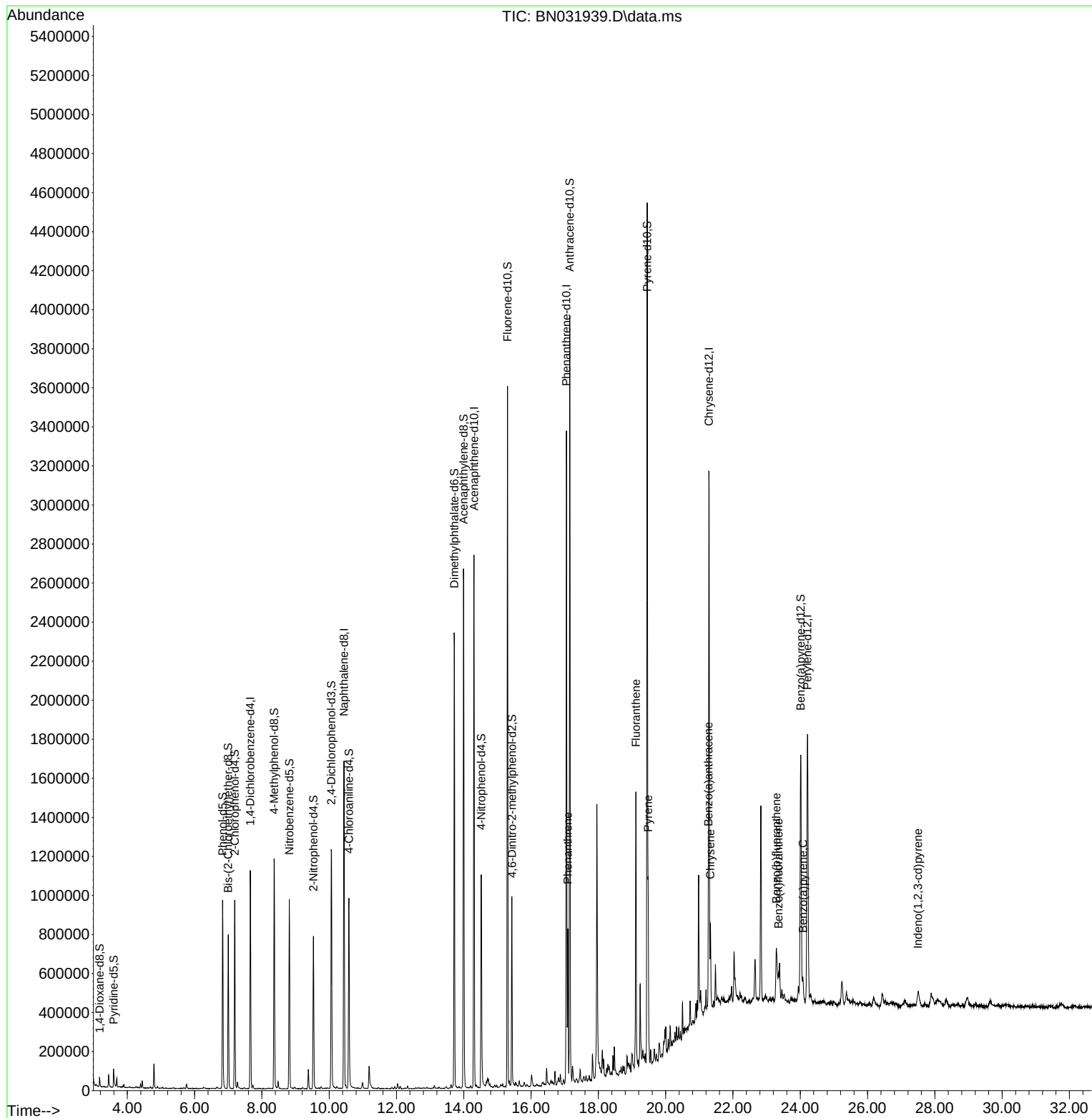
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031939.D
Acq On : 12 Jun 2024 13:25
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ALS Vial : 30 Sample Multiplier: 1

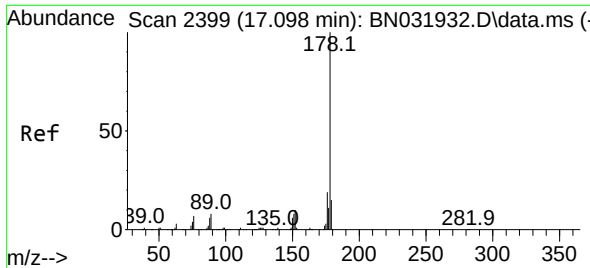
Instrument :
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Quant Title : SVOA CALIBRATION
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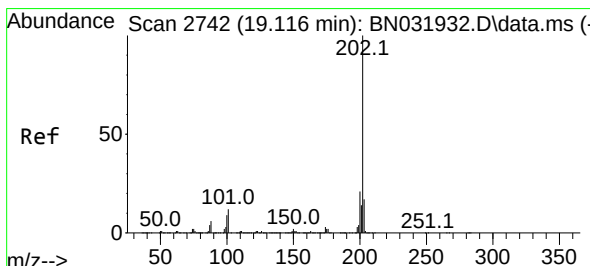
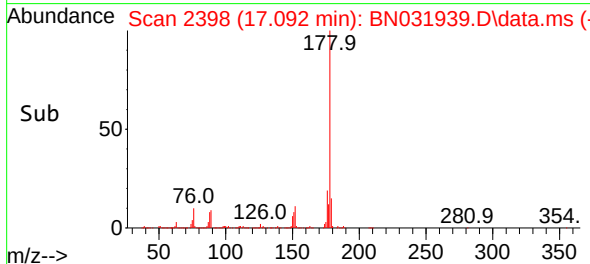
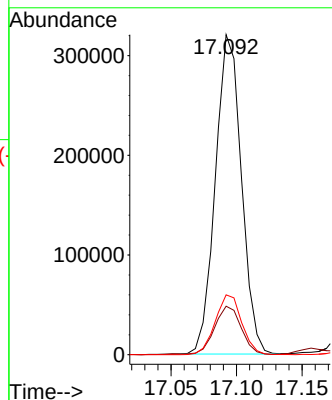
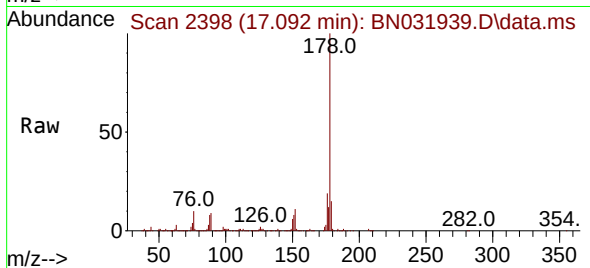
#72
Phenanthrene
Concen: 4.448 ng/ul
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031939.D
Acq: 12 Jun 2024 13:25

Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 44229
Ion Ratio Lower Upper
178 100
179 15.1 12.6 19.0
176 18.7 15.8 23.6

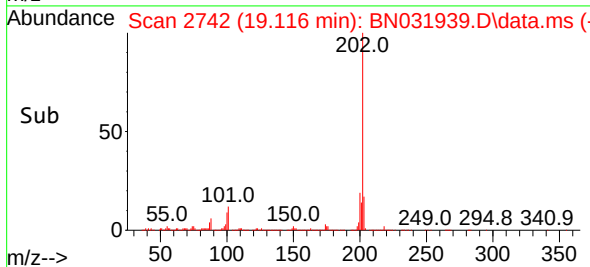
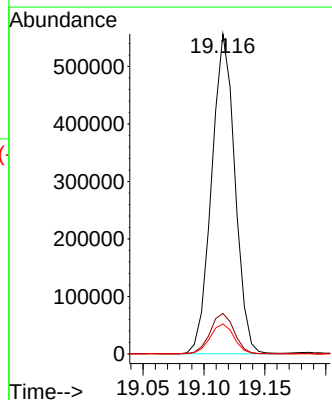
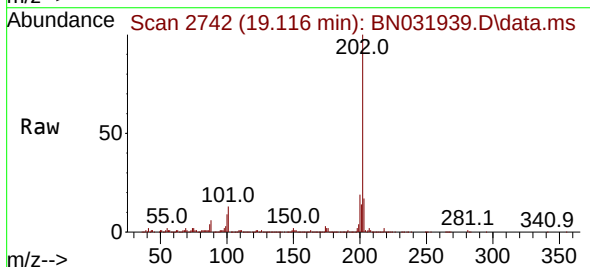
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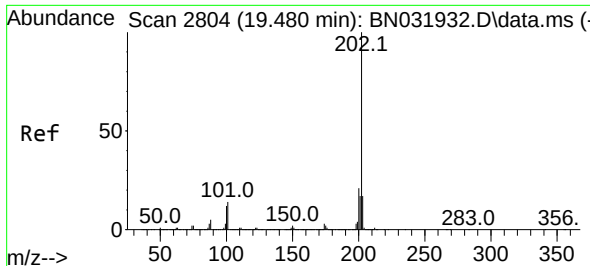
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#80
Fluoranthene
Concen: 8.613 ng/ul
RT: 19.116 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BN031939.D
Acq: 12 Jun 2024 13:25

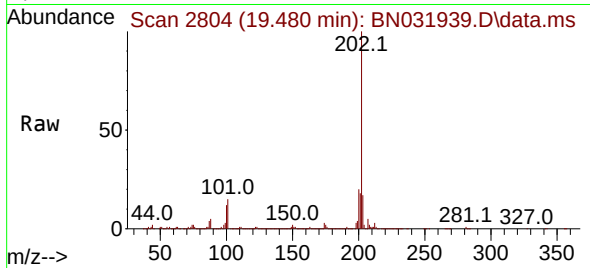
Tgt Ion:202 Resp: 740636
Ion Ratio Lower Upper
202 100
101 12.7 10.3 15.5
100 9.4 8.0 12.0





#82
Pyrene
Concen: 5.988 ng/ul
RT: 19.480 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BN031939.D
Acq: 12 Jun 2024 13:25

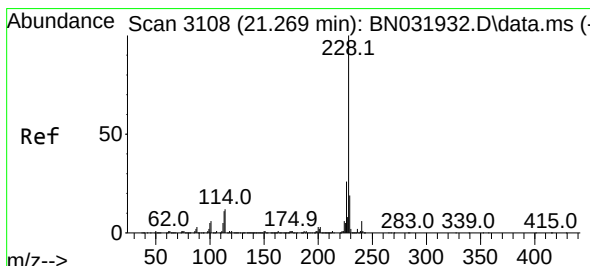
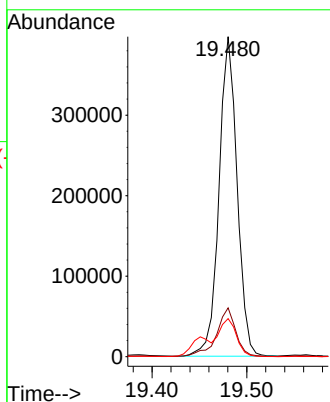
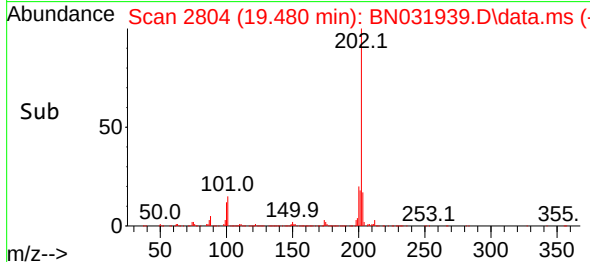
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 528299
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 11.9 10.2 15.2

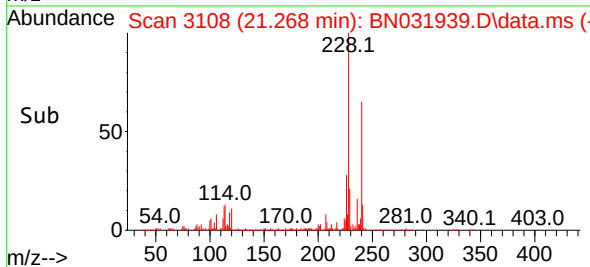
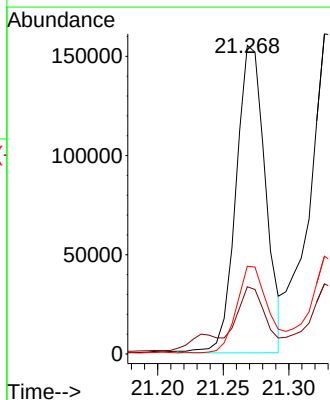
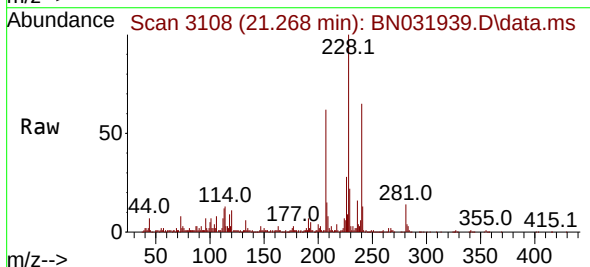
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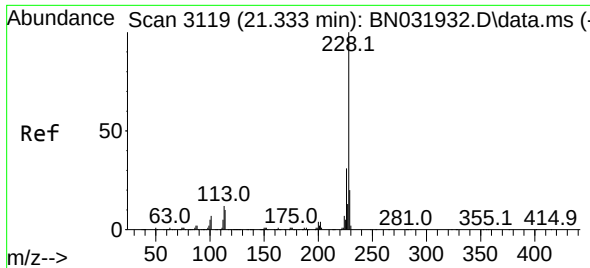
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#85
Benzo(a)anthracene
Concen: 2.689 ng/ul
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BN031939.D
Acq: 12 Jun 2024 13:25

Tgt Ion:228 Resp: 241976
Ion Ratio Lower Upper
228 100
229 21.8 16.7 25.1
226 28.4 22.8 34.2





#87

Chrysene

Concen: 3.452 ng/ul

RT: 21.327 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BN031939.D

Acq: 12 Jun 2024 13:25

Instrument :

BNA_N

ClientSampleId :

BH680

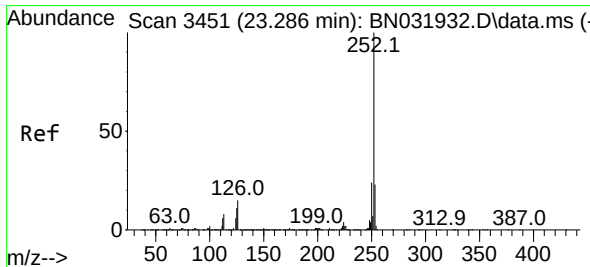
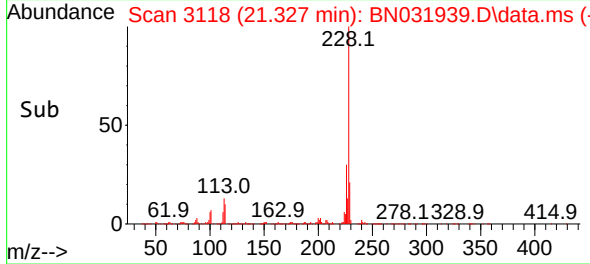
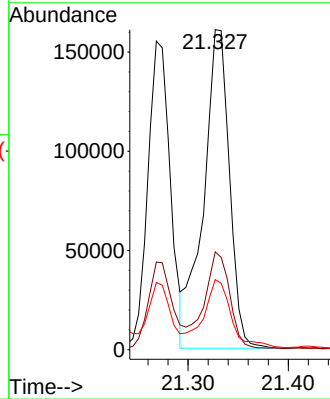
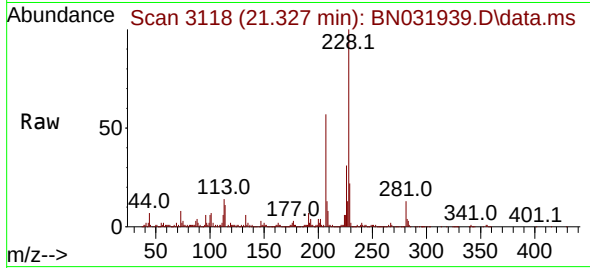
Tgt Ion:	228	Resp:	29014
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.7	35.5
229	21.9	15.1	22.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 3.942 ng/ul

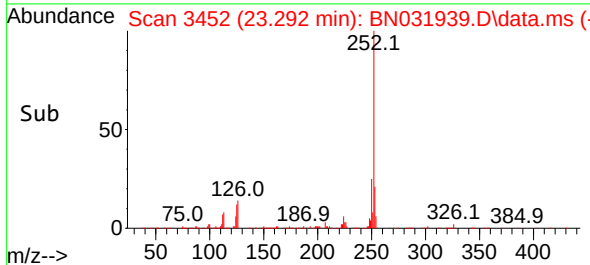
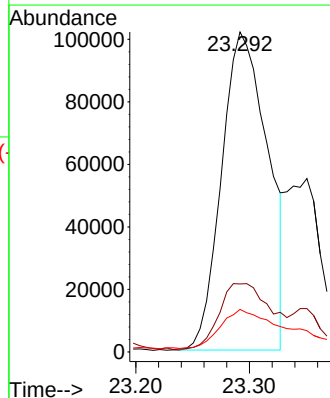
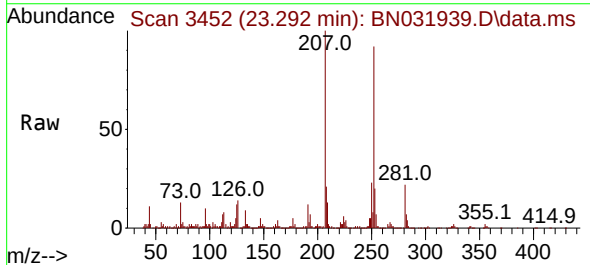
RT: 23.292 min Scan# 3452

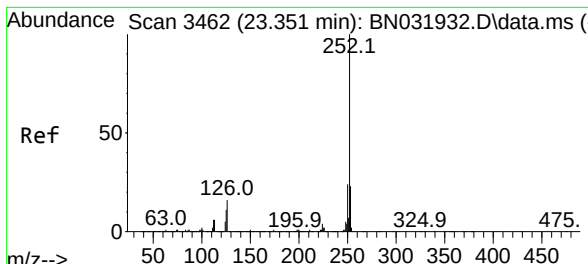
Delta R.T. -0.000 min

Lab File: BN031939.D

Acq: 12 Jun 2024 13:25

Tgt Ion:	252	Resp:	287440
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.0	25.6
125	13.3	9.2	13.8





#91

Benzo(k)fluoranthene

Concen: 1.629 ng/ul m

RT: 23.351 min Scan# 34

Delta R.T. -0.000 min

Lab File: BN031939.D

Acq: 12 Jun 2024 13:25

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ClientSampleId :

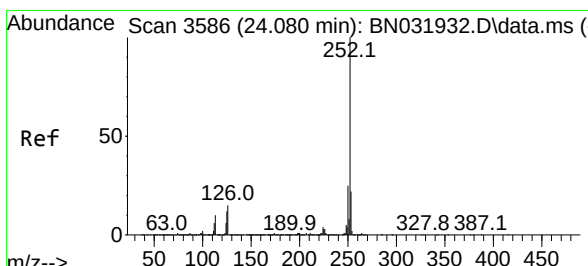
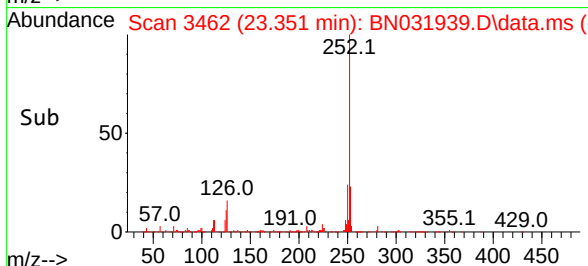
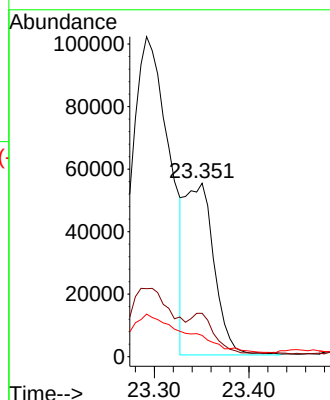
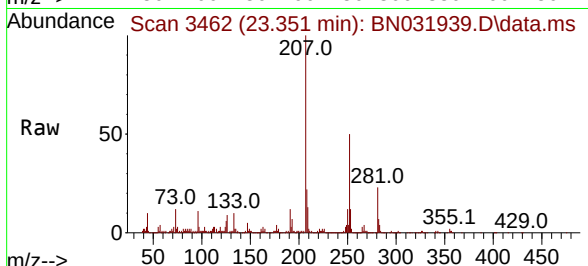
BH680

Tgt Ion:	252	Resp:	11654
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.6	26.4
125	12.3	9.4	14.2

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#93

Benzo(a)pyrene

Concen: 1.675 ng/ul

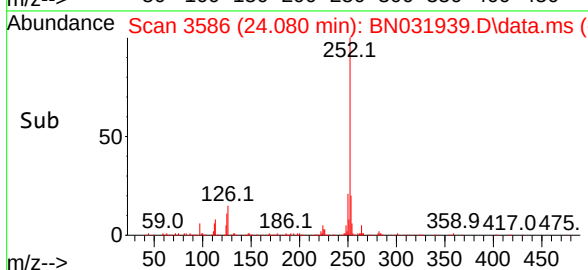
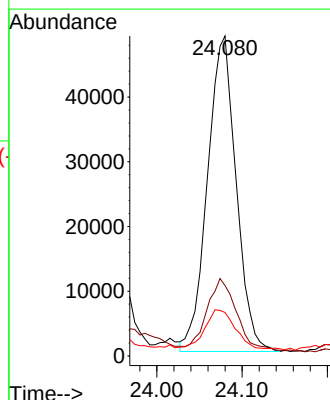
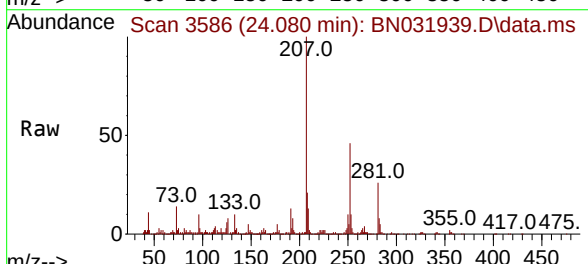
RT: 24.080 min Scan# 3586

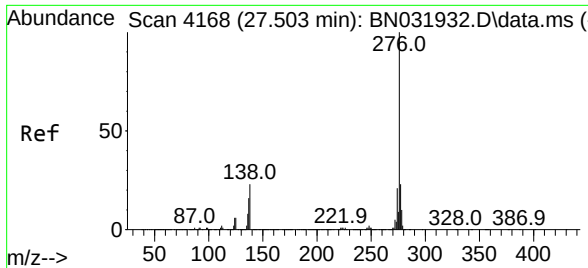
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Lab File: BN031939.D

Acq: 12 Jun 2024 13:25

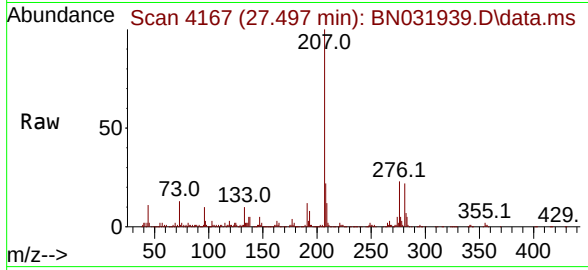
Tgt Ion:	252	Resp:	114346
Ion Ratio	Lower	Upper	
252	100		
253	22.0	16.6	24.8
125	13.6	9.8	14.8





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.268 ng/ul
 RT: 27.497 min Scan# 4167
 Delta R.T. -0.018 min
 Lab File: BN031939.D
 Acq: 12 Jun 2024 13:25

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 BH680



Tgt Ion:	276	Resp:	9977
Ion Ratio	Lower	Upper	
276	100		
138	21.9	18.1	27.1
277	23.9	18.2	27.2

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