

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027885.D
 Acq On : 27 Sep 2023 05:57
 Operator : MA/JU
 Sample : 04472-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 27 06:24:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	6805	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	25260	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	15929	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	36251	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	35837	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	40740	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	11973	1.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	3369	0.088	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	9039	0.083	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.828	128	2571	0.036	ng/ul#	89
7) 2-Methylnaphthalene	12.434	142	1704	0.037	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	1660	0.035	ng/ul	100
15) Phenanthrene	17.396	178	7750	0.068	ng/ul#	96
19) Fluoranthene	19.408	202	9293	0.064	ng/ul#	93
20) Pyrene	19.775	202	9600m	0.064	ng/ul	
21) Benzo(a)anthracene	21.519	228	4320	0.031	ng/ul#	77
22) Chrysene	21.577	228	7591m	0.053	ng/ul	
24) Benzo(b)fluoranthene	23.240	252	6753m	0.037	ng/ul	
26) Benzo(a)pyrene	23.898	252	4217	0.029	ng/ul#	23
29) Benzo(g,h,i)perylene	27.414	276	7538	0.047	ng/ul#	78

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

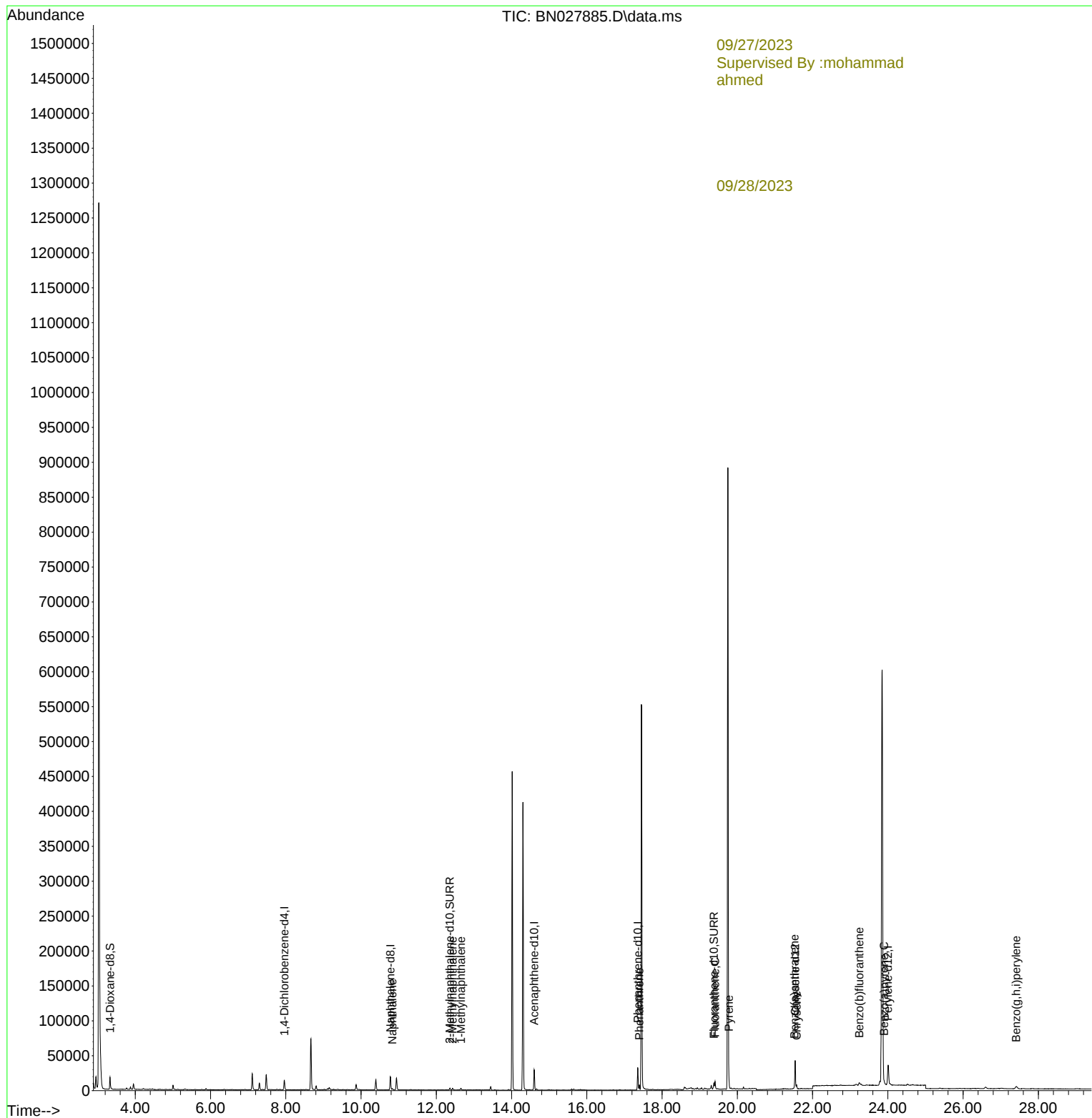
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027885.D
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ALS Vial : 35 Sample Multiplier: 1

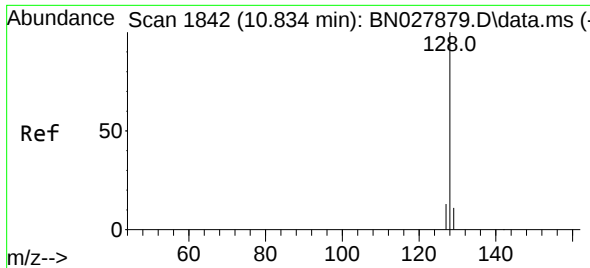
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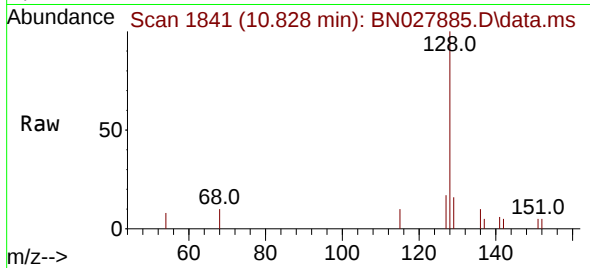
Quant Time: Sep 27 06:24:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
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QLast Update : Wed Sep 27 03:52:19 2023
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#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BN027885.D
Acq: 27 Sep 2023 05:57

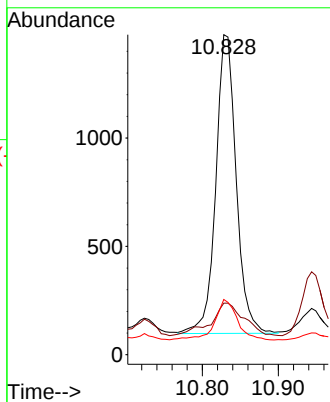
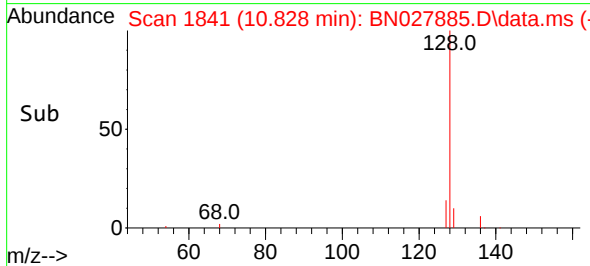
Instrument :
BNA_N
ClientSampleId :
EZYM3



Tgt Ion:128 Resp: 257
Ion Ratio Lower Upper
128 100
129 16.1 9.3 13.9
127 17.3 10.7 16.1

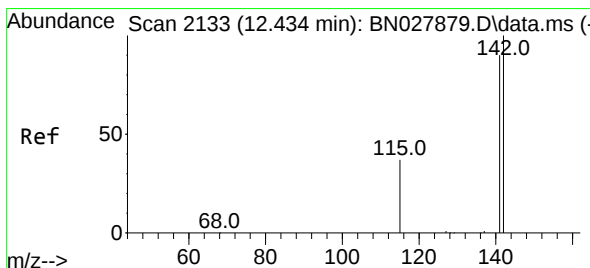
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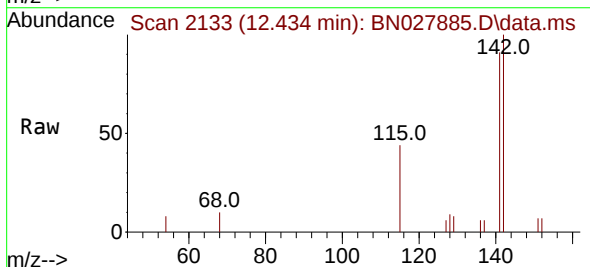


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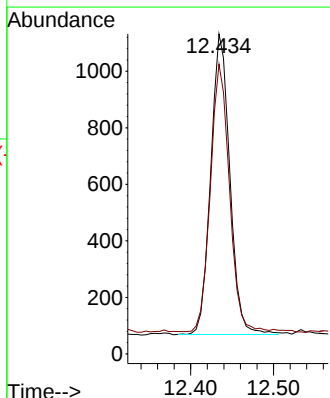
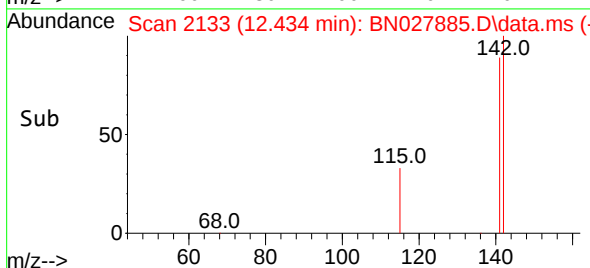
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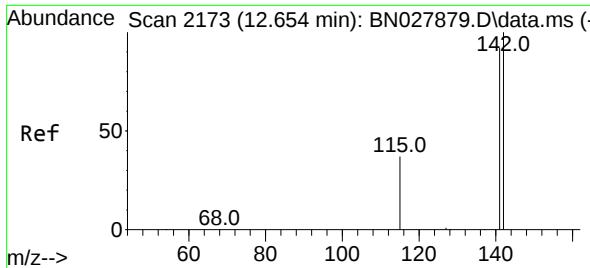


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BN027885.D
Acq: 27 Sep 2023 05:57



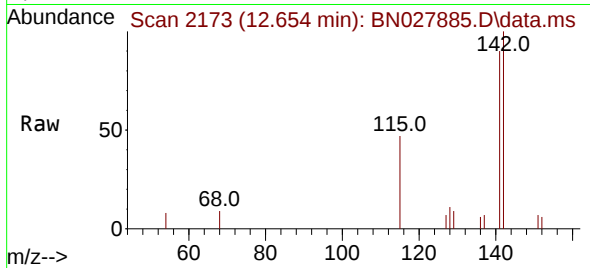
Tgt Ion:142 Resp: 1704
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BN027885.D
Acq: 27 Sep 2023 05:57

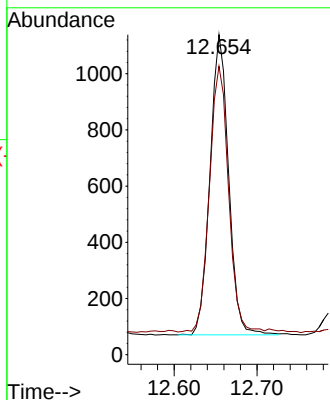
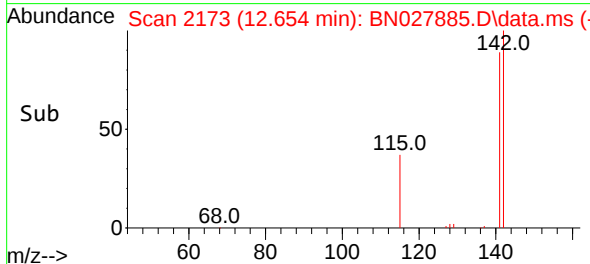
Instrument :
BNA_N
ClientSampleId :
EZYM3



Tgt Ion:142 Resp: 1660
Ion Ratio Lower Upper
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141 91.1 72.8 109.2

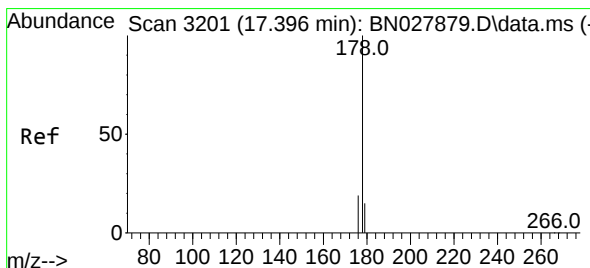
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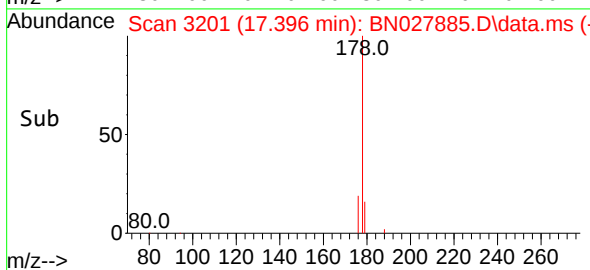
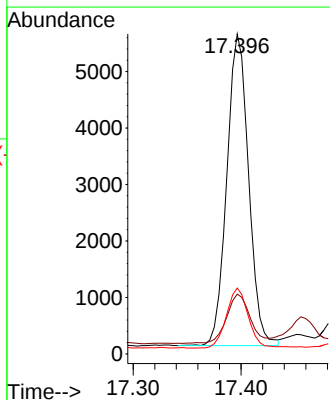
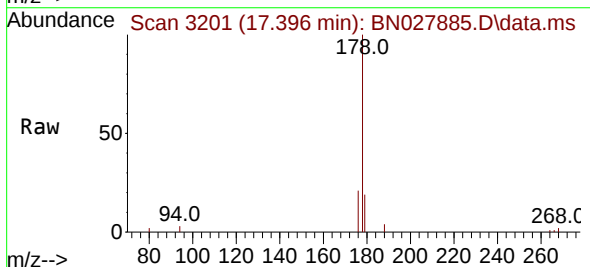
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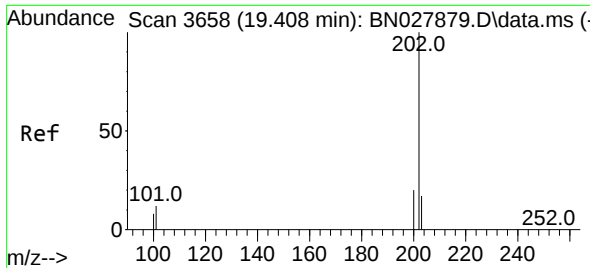
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#15
Phenanthrene
Concen: 0.068 ng/ul
RT: 17.396 min Scan# 3201
Delta R.T. -0.000 min
Lab File: BN027885.D
Acq: 27 Sep 2023 05:57

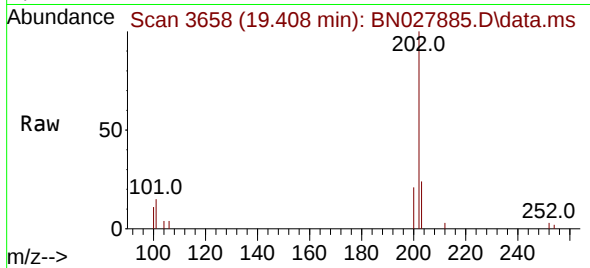
Tgt Ion:178 Resp: 7750
Ion Ratio Lower Upper
178 100
179 18.7 12.4 18.6#
176 20.6 16.0 24.0





#19
Fluoranthene
Concen: 0.064 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. -0.000 min
Lab File: BN027885.D
Acq: 27 Sep 2023 05:57

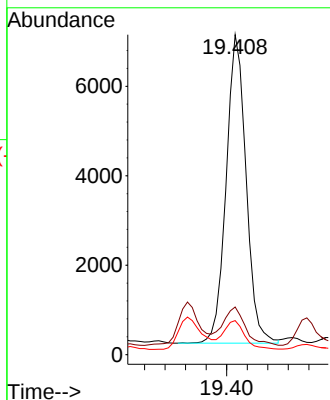
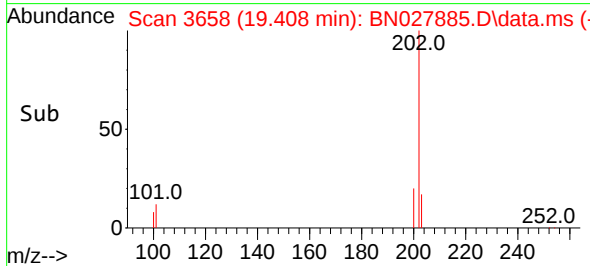
Instrument :
BNA_N
ClientSampleId :
EZYM3



Tgt Ion:202 Resp: 929
Ion Ratio Lower Upper
202 100
101 14.9 9.3 13.9
100 10.6 7.0 10.4

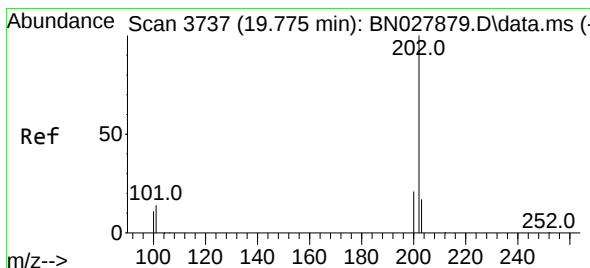
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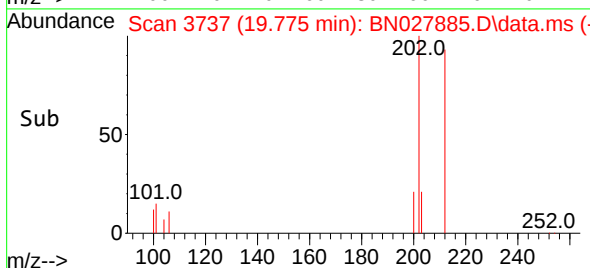
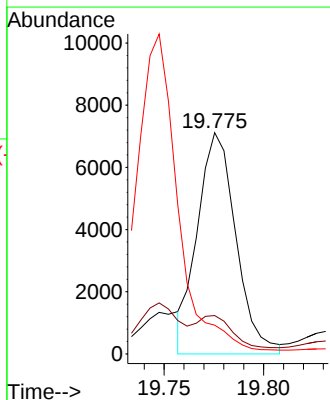
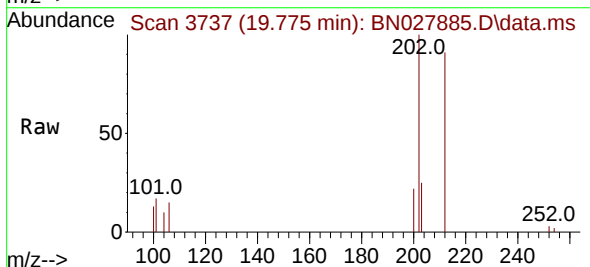
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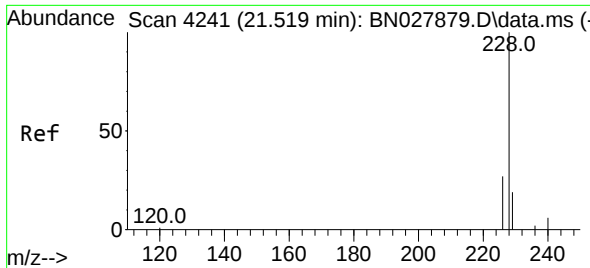
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#20
Pyrene
Concen: 0.064 ng/ul m
RT: 19.775 min Scan# 3737
Delta R.T. -0.000 min
Lab File: BN027885.D
Acq: 27 Sep 2023 05:57

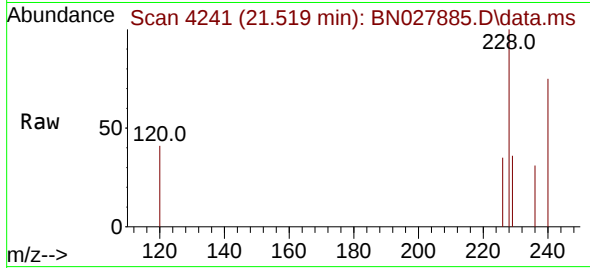
Tgt Ion:202 Resp: 9600
Ion Ratio Lower Upper
202 100
101 17.3 11.4 17.0
100 13.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.519 min Scan# 4241
Delta R.T. -0.000 min
Lab File: BN027885.D
Acq: 27 Sep 2023 05:57

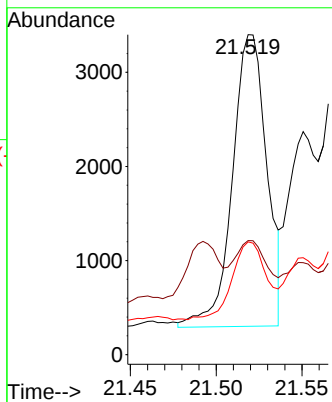
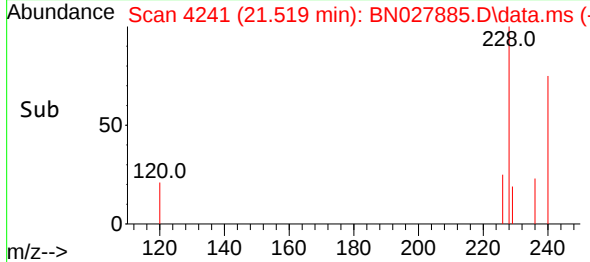
Instrument :
BNA_N
ClientSampleId :
EZYM3



Tgt Ion:228 Resp: 4320
Ion Ratio Lower Upper
228 100
229 35.6 15.8 23.8
226 35.3 22.0 33.0

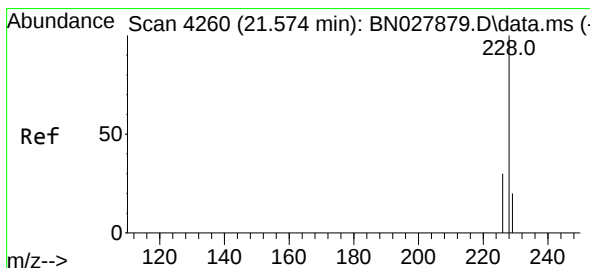
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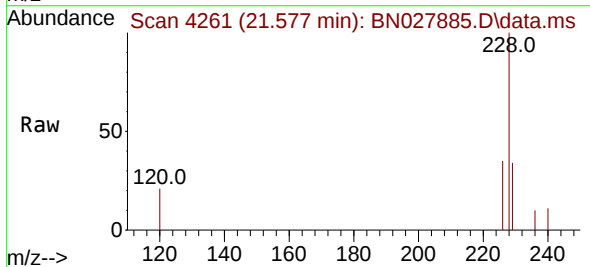


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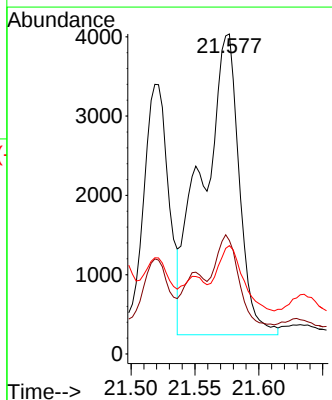
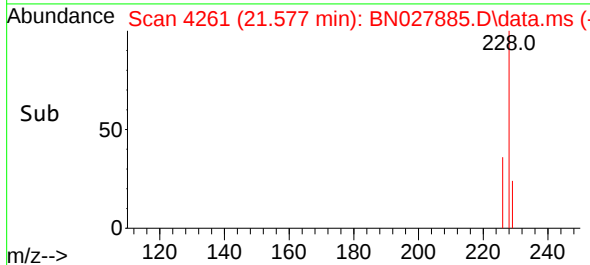
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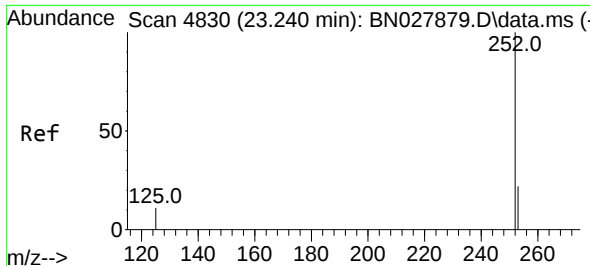


#22
Chrysene
Concen: 0.053 ng/ul m
RT: 21.577 min Scan# 4261
Delta R.T. 0.003 min
Lab File: BN027885.D
Acq: 27 Sep 2023 05:57



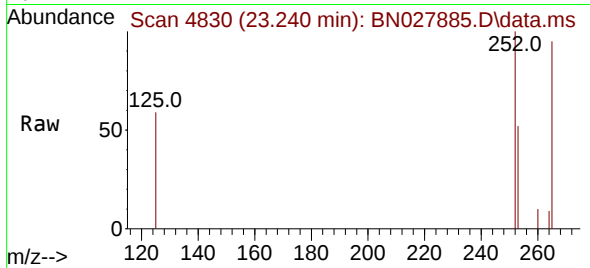
Tgt Ion:228 Resp: 7591
Ion Ratio Lower Upper
228 100
226 35.4 24.5 36.7
229 33.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.037 ng/ul m
RT: 23.240 min Scan# 4830
Delta R.T. -0.000 min
Lab File: BN027885.D
Acq: 27 Sep 2023 05:57

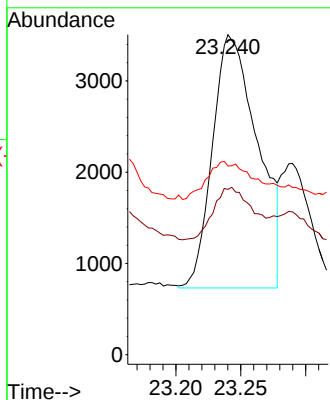
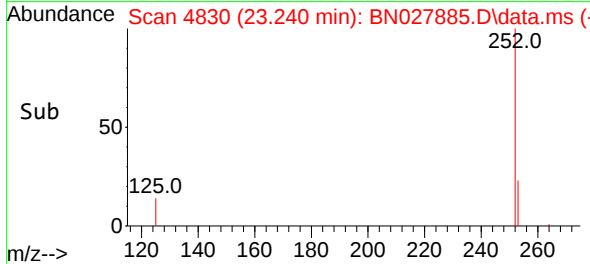
Instrument :
BNA_N
ClientSampleId :
EZYM3



Tgt Ion:252 Resp: 675
Ion Ratio Lower Upper
252 100
253 51.7 0.0 50.2
125 59.0 0.0 31.4

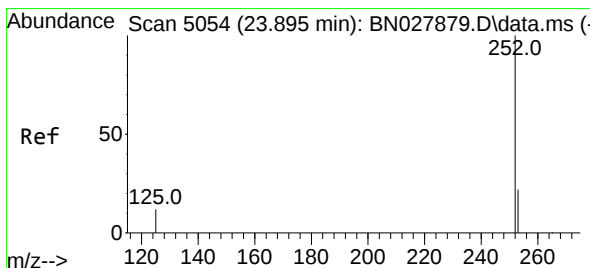
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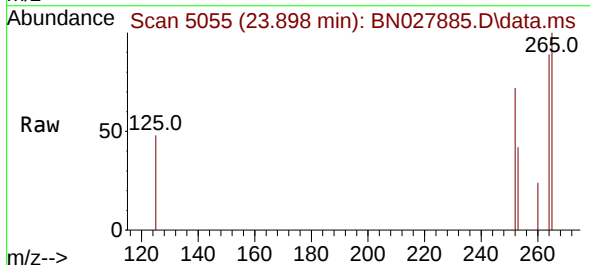


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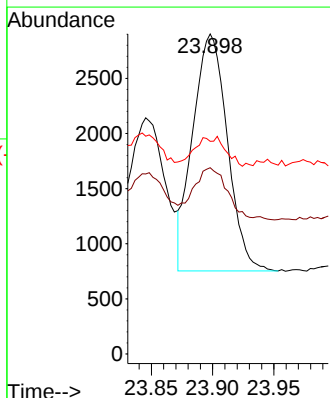
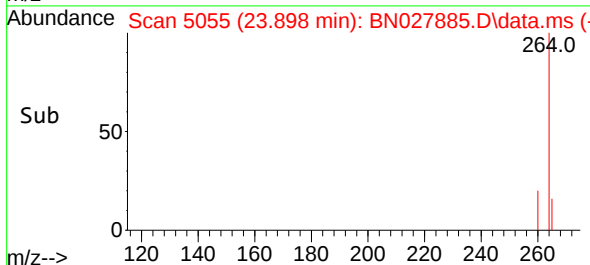
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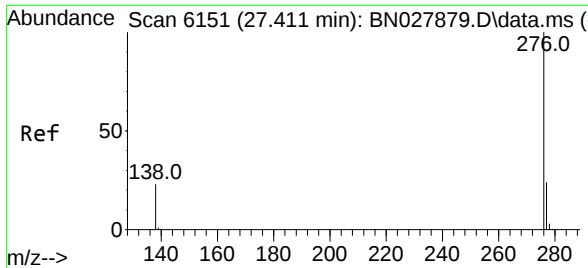


#26
Benzo(a)pyrene
Concen: 0.029 ng/ul
RT: 23.898 min Scan# 5055
Delta R.T. 0.003 min
Lab File: BN027885.D
Acq: 27 Sep 2023 05:57



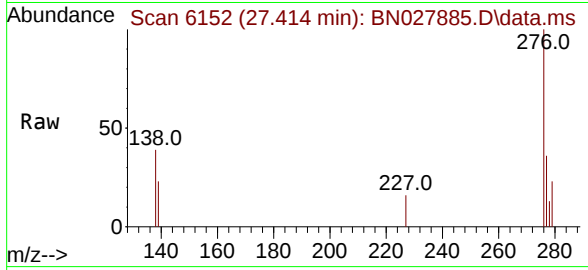
Tgt Ion:252 Resp: 4217
Ion Ratio Lower Upper
252 100
253 58.2 21.9 32.9#
125 66.4 15.5 23.3#





#29
 Benzo(g,h,i)perylene
 Concen: 0.047 ng/ul
 RT: 27.414 min Scan# 6151
 Delta R.T. 0.003 min
 Lab File: BN027885.D
 Acq: 27 Sep 2023 05:57

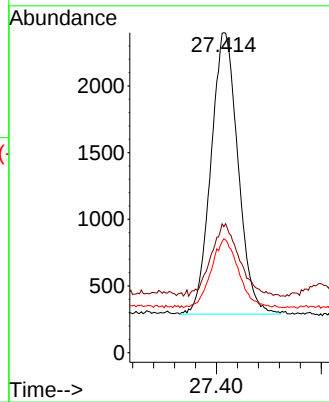
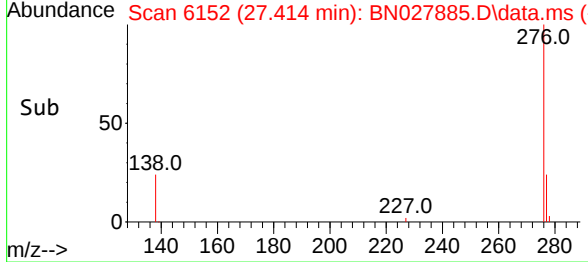
Instrument :
 BNA_N
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Tgt Ion:	276	Resp:	7538
Ion Ratio	Lower	Upper	
276	100		
138	39.4	21.7	32.5
277	35.6	20.2	30.2

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