

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027904.D
 Acq On : 27 Sep 2023 17:57
 Operator : MA/JU
 Sample : 04472-15RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM4RE

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 00:01:43 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	8299	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	30801	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	19629	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	44313	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	42880	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	44020	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	10998	1.052	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	6347	0.136	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	17576	0.134	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	1930	0.022	ng/ul#	87
7) 2-Methylnaphthalene	12.434	142	2190	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.654	142	2256	0.039	ng/ul	98
15) Phenanthrene	17.397	178	49539	0.356	ng/ul	99
16) Anthracene	17.489	178	4291	0.037	ng/ul#	90
19) Fluoranthene	19.408	202	135237	0.780	ng/ul	98
20) Pyrene	19.776	202	129621	0.726	ng/ul	99
21) Benzo(a)anthracene	21.522	228	10793	0.065	ng/ul#	83
22) Chrysene	21.577	228	24753m	0.144	ng/ul	
24) Benzo(b)fluoranthene	23.246	252	21771m	0.111	ng/ul	
25) Benzo(k)fluoranthene	23.293	252	5374m	0.028	ng/ul	
26) Benzo(a)pyrene	23.901	252	7245	0.046	ng/ul#	20
27) Indeno(1,2,3-cd)pyrene	26.606	276	6951	0.034	ng/ul#	92
29) Benzo(g,h,i)perylene	27.424	276	8682	0.051	ng/ul#	81

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

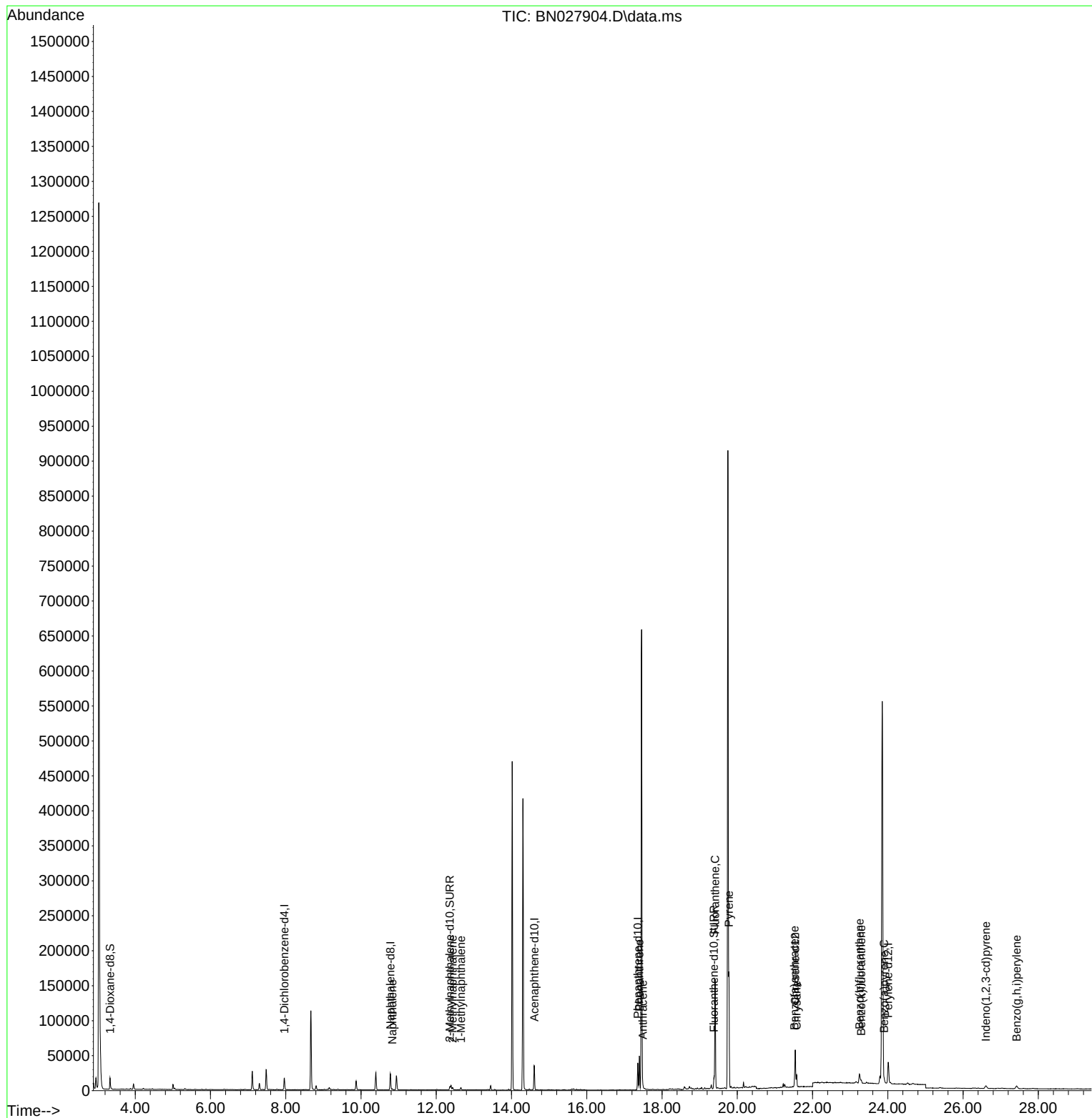
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027904.D
Acq On : 27 Sep 2023 17:57
Operator : MA/JU
Sample : 04472-15RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

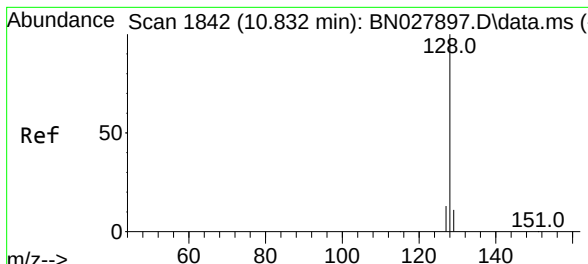
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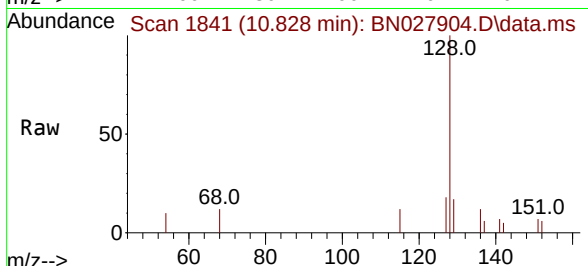
Quant Time: Sep 28 00:01:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

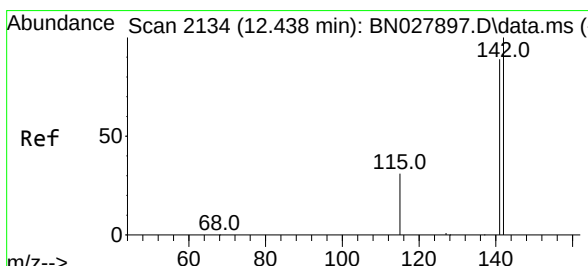
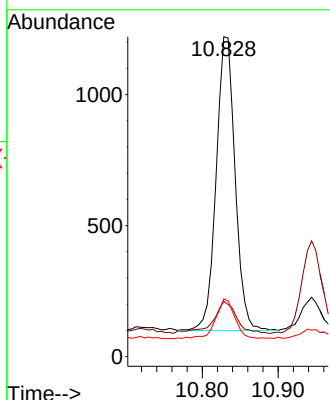
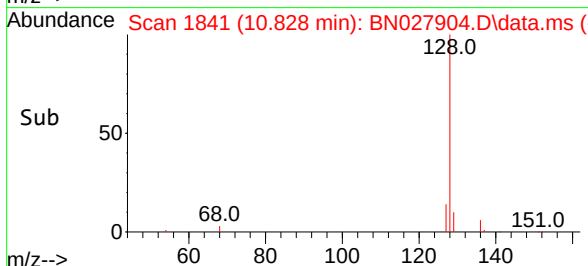
Instrument :
BNA_N
ClientSampleId :
EZYM4RE



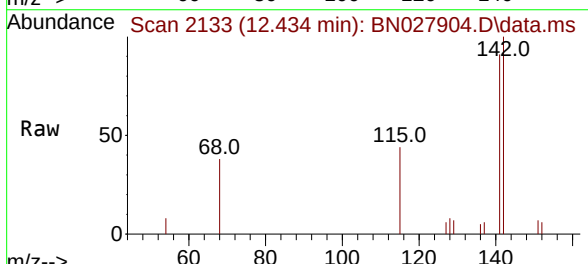
Tgt Ion:128 Resp: 1930
Ion Ratio Lower Upper
128 100
129 17.3 9.3 13.9
127 18.0 10.7 16.1

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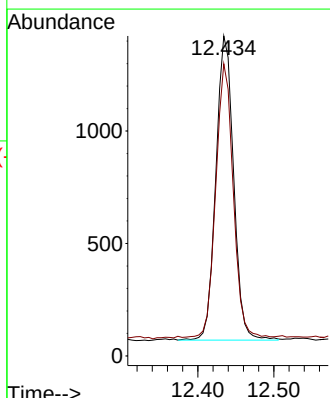
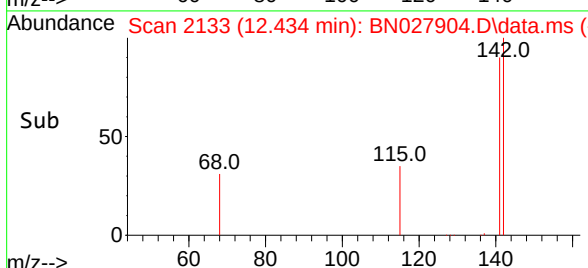
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

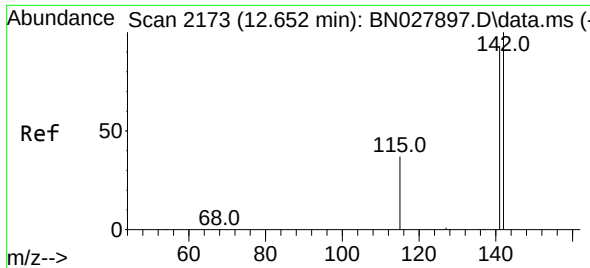


#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57



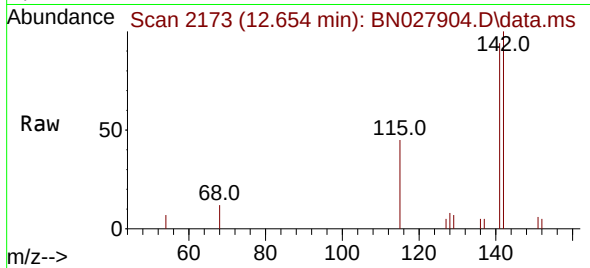
Tgt Ion:142 Resp: 2190
Ion Ratio Lower Upper
142 100
141 87.6 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

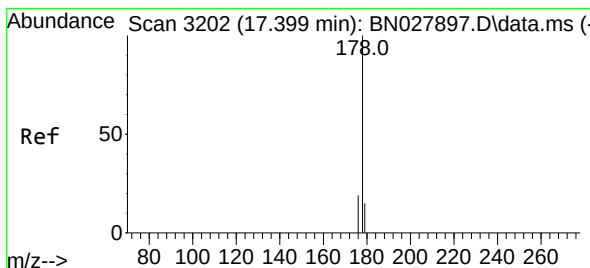
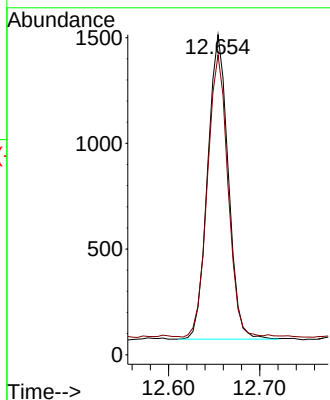
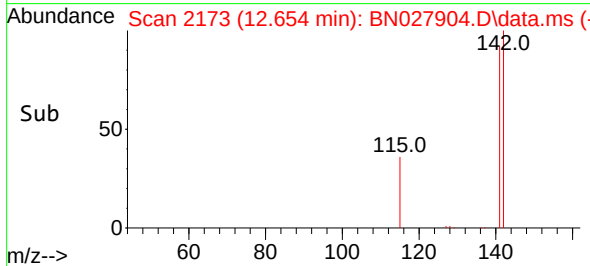
Instrument :
BNA_N
ClientSampleId :
EZY4RE



Tgt Ion:142 Resp: 2250
Ion Ratio Lower Upper
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141 92.7 72.8 109.2

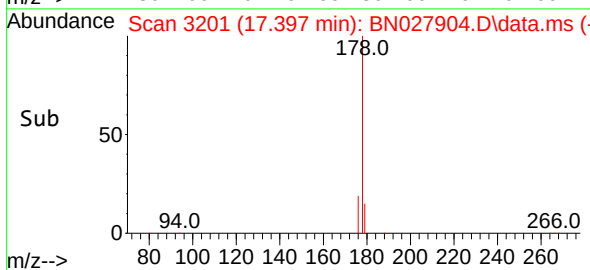
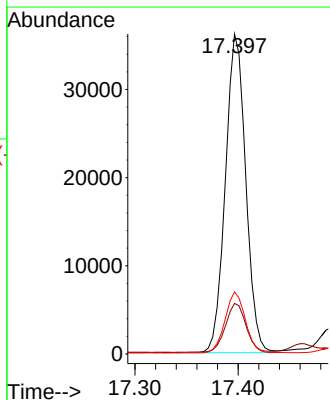
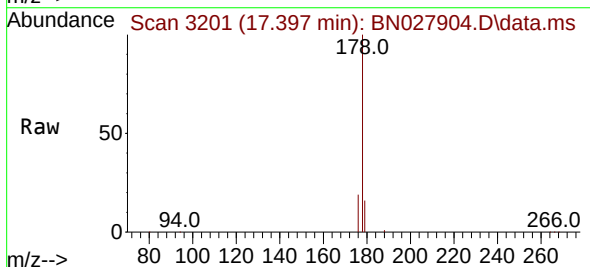
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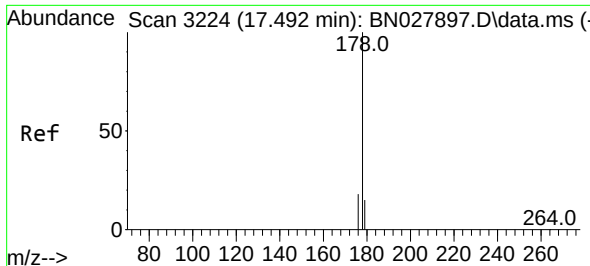
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 17.397 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

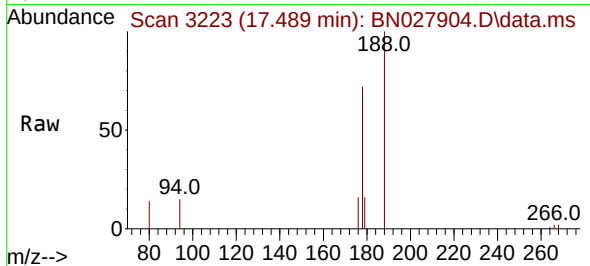
Tgt Ion:178 Resp: 49539
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.4 16.0 24.0





#16
 Anthracene
 Concen: 0.037 ng/ul
 RT: 17.489 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN027904.D
 Acq: 27 Sep 2023 17:57

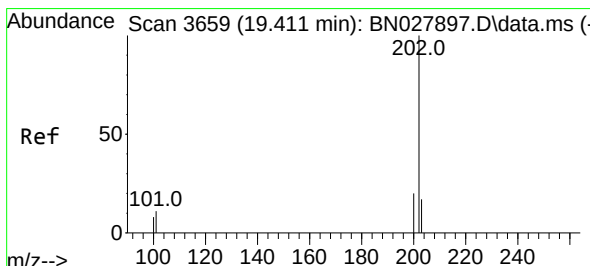
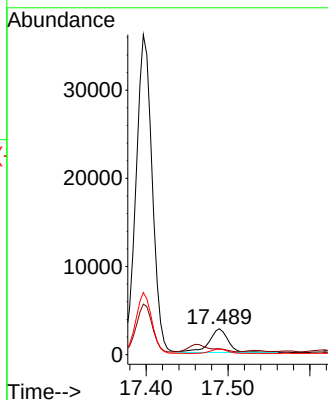
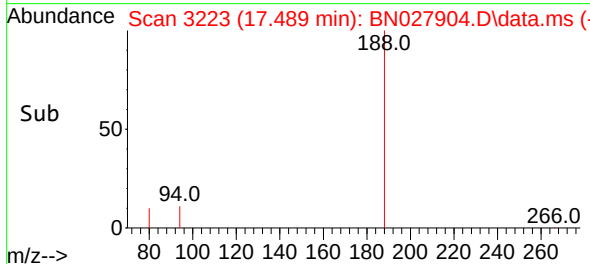
Instrument :
 BNA_N
 ClientSampleId :
 EZYM4RE



Tgt Ion:178 Resp: 429
 Ion Ratio Lower Upper
 178 100
 179 22.6 12.6 19.0
 176 21.8 15.5 23.3

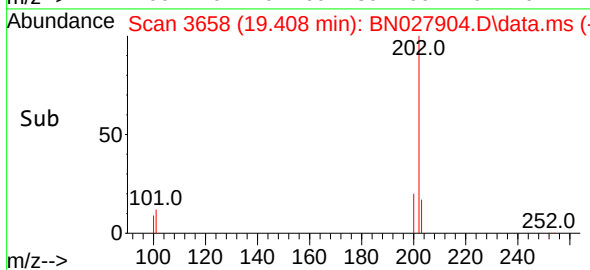
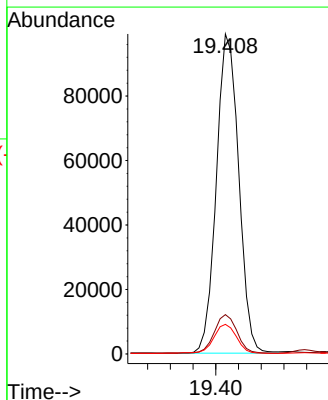
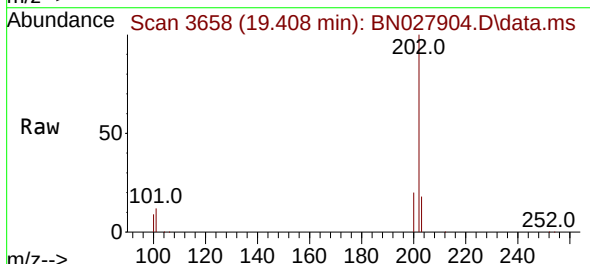
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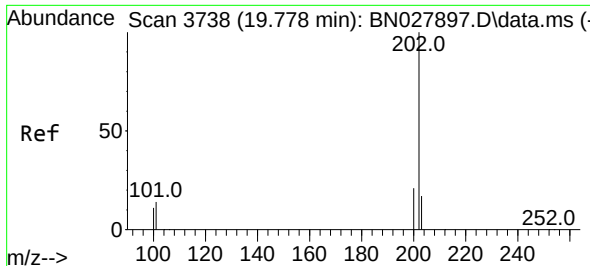
Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :mohammad ahmed 09/28/2023



#19
 Fluoranthene
 Concen: 0.780 ng/ul
 RT: 19.408 min Scan# 3658
 Delta R.T. 0.000 min
 Lab File: BN027904.D
 Acq: 27 Sep 2023 17:57

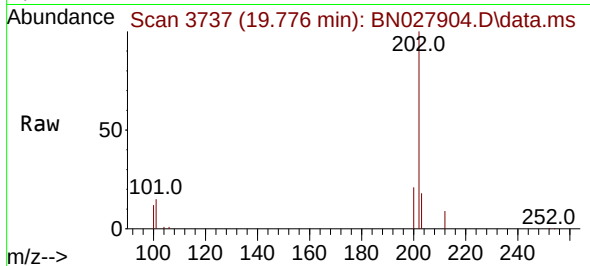
Tgt Ion:202 Resp: 135237
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.3 13.9
 100 9.3 7.0 10.4





#20
Pyrene
Concen: 0.726 ng/u1
RT: 19.776 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

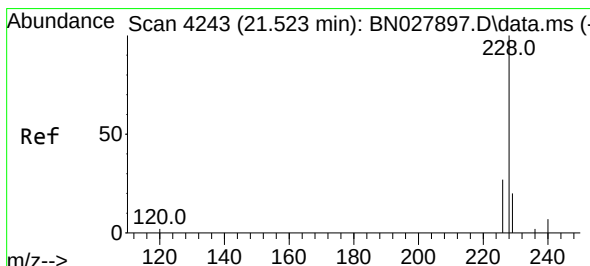
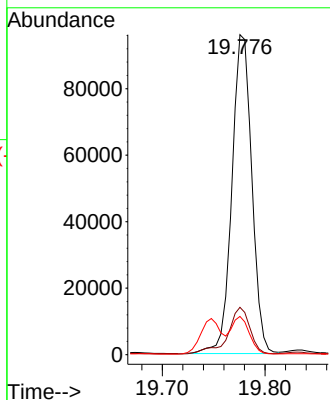
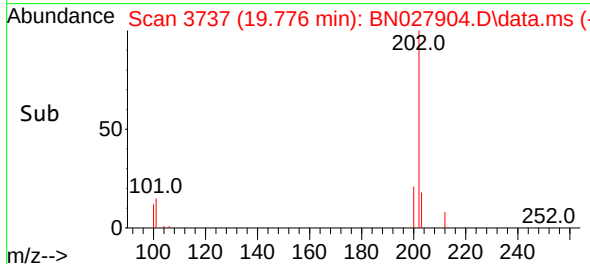
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BNA_N
ClientSampleId :
EZYM4RE



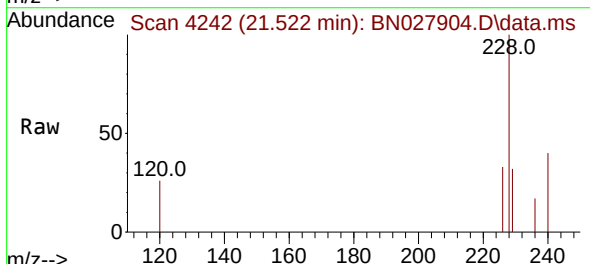
Tgt Ion:202 Resp: 12962
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.0
100 11.9 9.1 13.7

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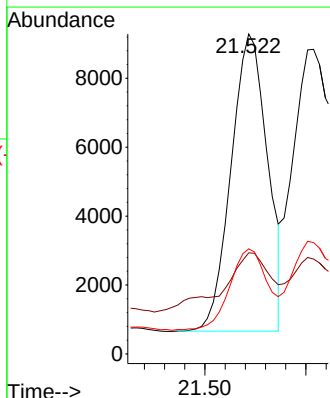
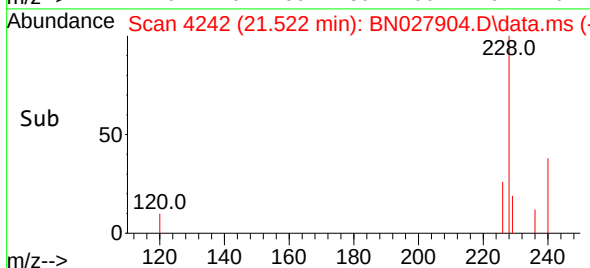
Reviewed By :Yogesh Patel 09/28/2023
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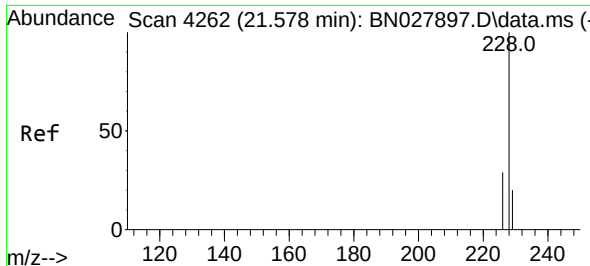


#21
Benzo(a)anthracene
Concen: 0.065 ng/u1
RT: 21.522 min Scan# 4242
Delta R.T. 0.003 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57



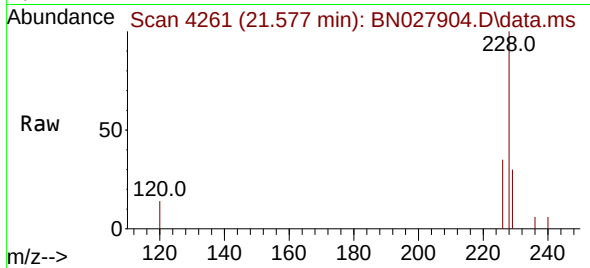
Tgt Ion:228 Resp: 10793
Ion Ratio Lower Upper
228 100
229 31.6 15.8 23.8#
226 32.9 22.0 33.0





#22
Chrysene
Concen: 0.144 ng/ul m
RT: 21.577 min Scan# 4261
Delta R.T. 0.003 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

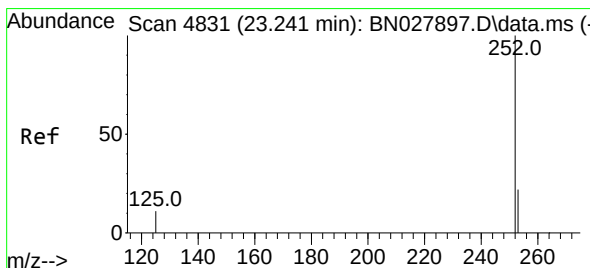
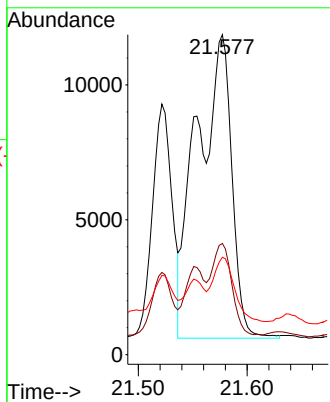
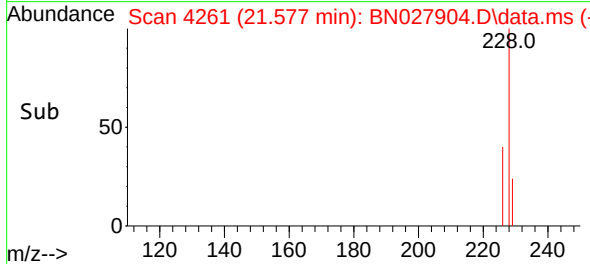
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BNA_N
ClientSampleId :
EZY4RE



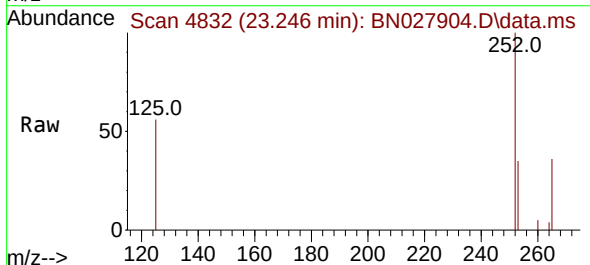
Tgt Ion:228 Resp: 2475
Ion Ratio Lower Upper
228 100
226 34.7 24.5 36.7
229 30.5 16.0 24.0

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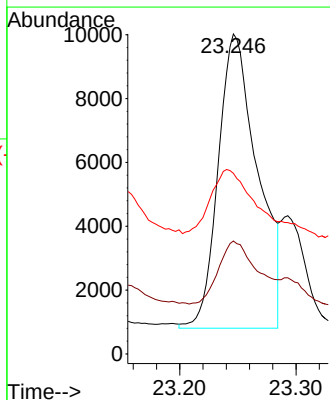
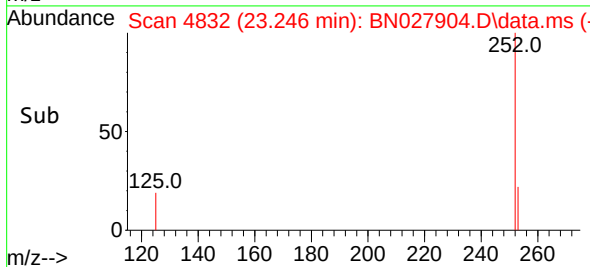
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

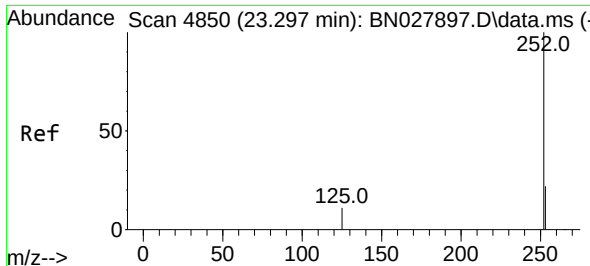


#24
Benzo(b)fluoranthene
Concen: 0.111 ng/ul m
RT: 23.246 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57



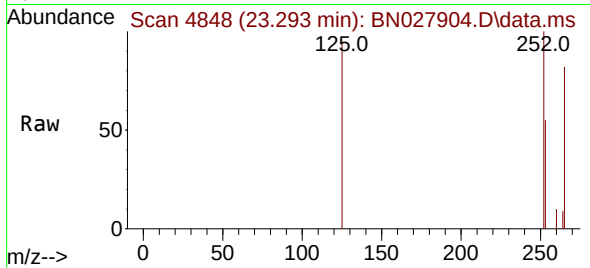
Tgt Ion:252 Resp: 21771
Ion Ratio Lower Upper
252 100
253 35.3 0.0 50.2
125 56.5 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 23.293 min Scan# 4850
Delta R.T. 0.000 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

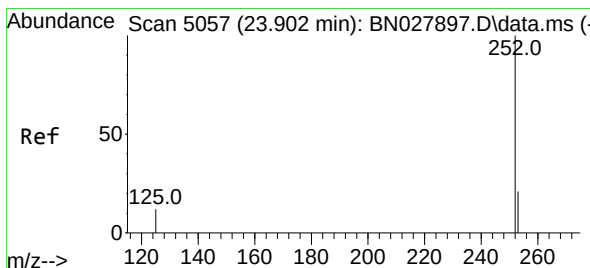
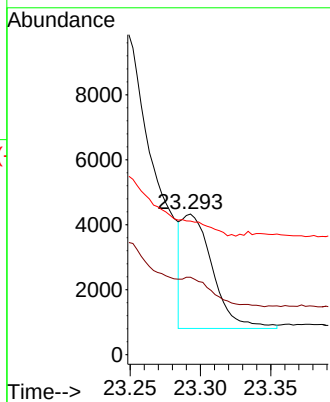
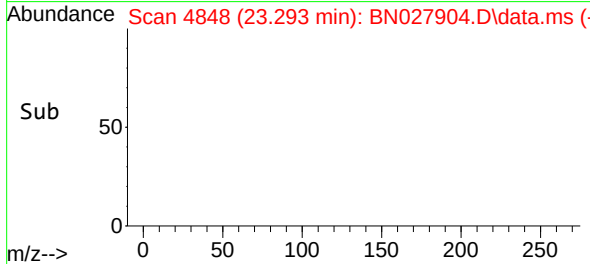
Instrument :
BNA_N
ClientSampleId :
EZY4RE



Tgt Ion:252 Resp: 5374
Ion Ratio Lower Upper
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253 55.1 19.9 29.9#
125 95.0 12.6 19.0#

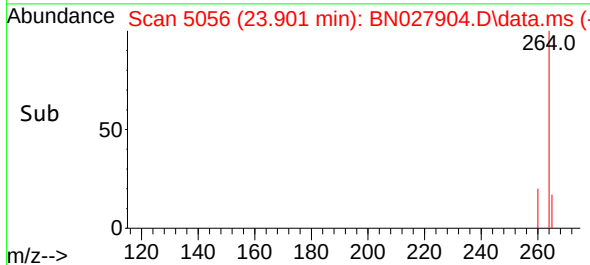
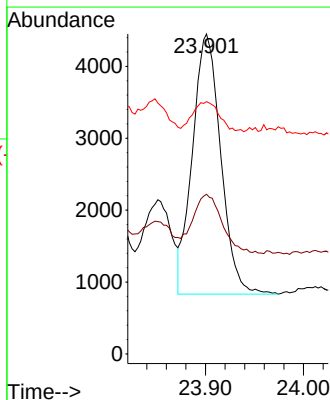
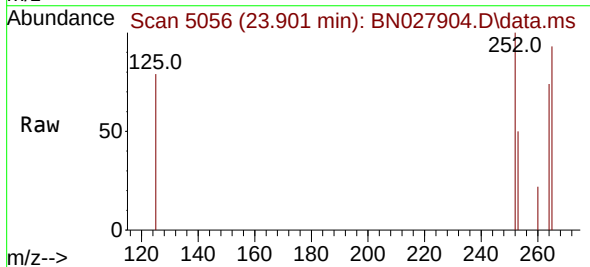
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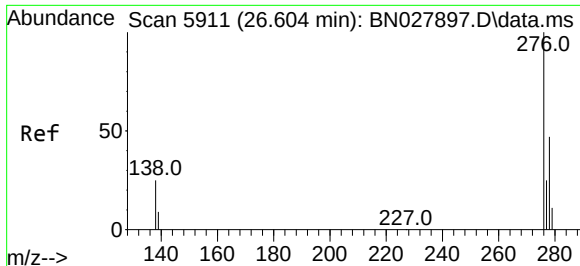
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#26
Benzo(a)pyrene
Concen: 0.046 ng/ul
RT: 23.901 min Scan# 5056
Delta R.T. 0.006 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

Tgt Ion:252 Resp: 7245
Ion Ratio Lower Upper
252 100
253 49.9 21.9 32.9#
125 78.8 15.5 23.3#





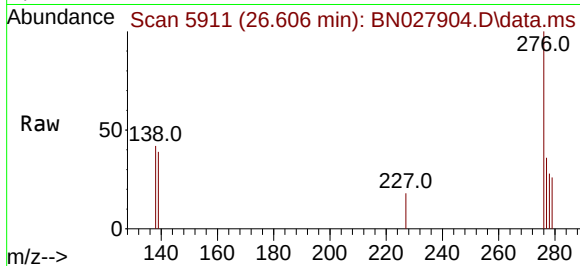
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng/ul
RT: 26.606 min Scan# 5911
Delta R.T. 0.007 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57

Instrument :

BNA_N

ClientSampleId :

EZYM4RE



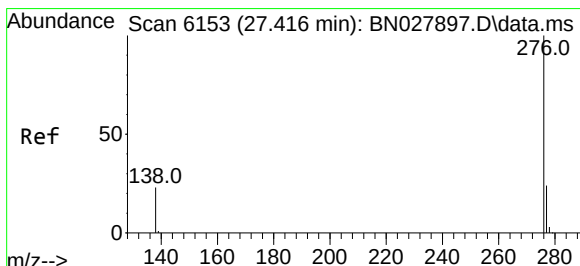
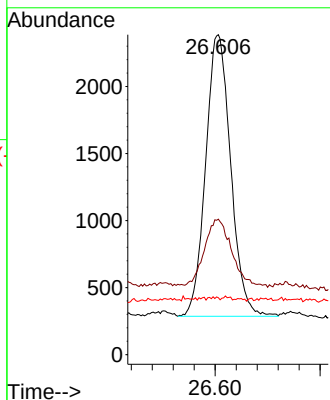
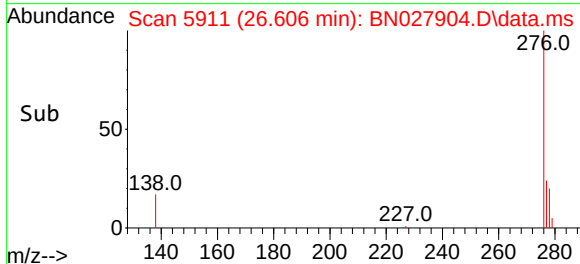
Tgt Ion:276 Resp: 695
Ion Ratio Lower Upper
276 100
138 26.2 24.3 36.5
227 0.6 0.0 0.0

Manual Integrations

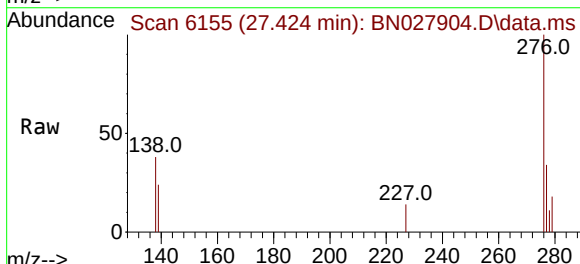
APPROVED

Reviewed By :Yogesh Patel 09/28/2023

Supervised By :mohammad ahmed 09/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.051 ng/ul
RT: 27.424 min Scan# 6155
Delta R.T. 0.014 min
Lab File: BN027904.D
Acq: 27 Sep 2023 17:57



Tgt Ion:276 Resp: 8682
Ion Ratio Lower Upper
276 100
138 38.1 21.7 32.5#
277 33.7 20.2 30.2#

