

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032749.D
 Acq On : 16 Jul 2024 20:06
 Operator : MA/JU
 Sample : P3035-18DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B96DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 16 23:55:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	5423	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	14706	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.197	164	8004	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	14784	0.400	ng/ul	-0.03
17) Chrysene-d12	21.173	240	13518	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	13285m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	4520	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	965	0.043	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	2032	0.046	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.915	152	1101	0.034	ng/ul#	77
15) Phenanthrene	16.999	178	8797	0.218	ng/ul	99
16) Anthracene	17.092	178	2141	0.065	ng/ul#	85
19) Fluoranthene	19.027	202	18458	0.336	ng/ul	99
20) Pyrene	19.394	202	21160	0.372	ng/ul	99
21) Benzo(a)anthracene	21.159	228	10510	0.244	ng/ul#	93
22) Chrysene	21.211	228	9939	0.160	ng/ul	93
24) Benzo(b)fluoranthene	22.710	252	10883m	0.232	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	4016m	0.070	ng/ul	
26) Benzo(a)pyrene	23.269	252	8791	0.217	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.586	276	6215	0.113	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.582	278	1340	0.031	ng/ul#	1
29) Benzo(g,h,i)perylene	26.260	276	7267	0.158	ng/ul#	85

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

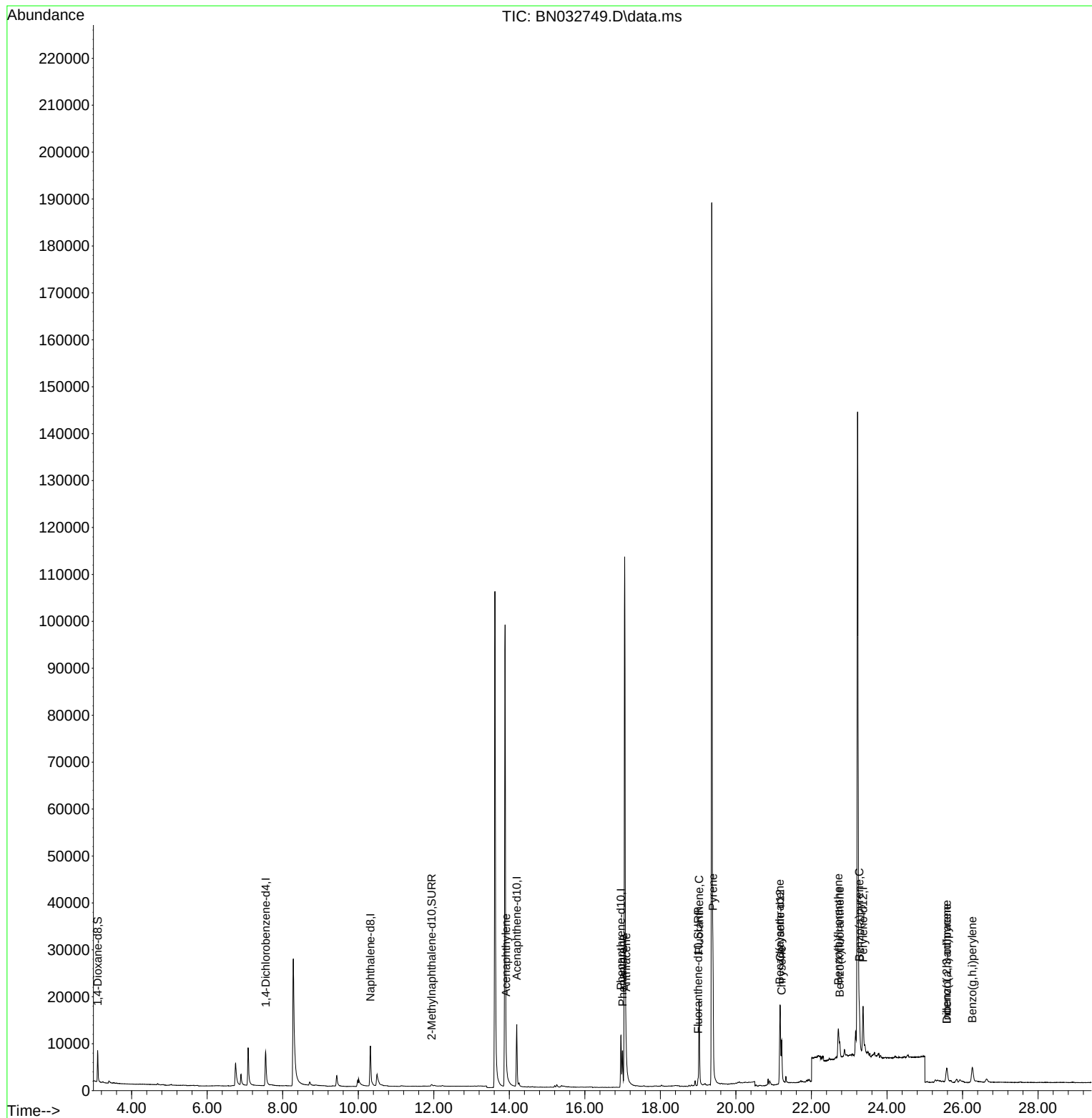
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032749.D
Acq On : 16 Jul 2024 20:06
Operator : MA/JU
Sample : P3035-18DL 5X
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ALS Vial : 19 Sample Multiplier: 1

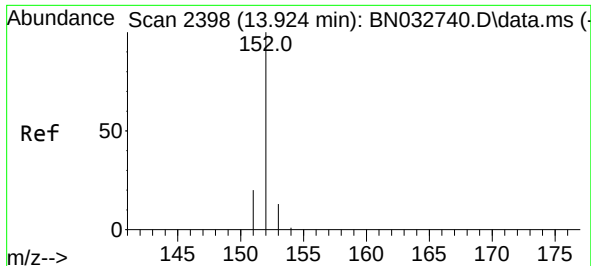
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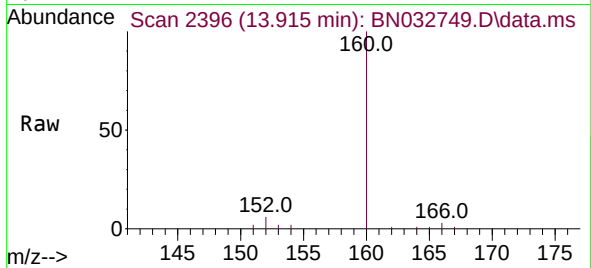
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.915 min Scan# 2100
Delta R.T. -0.028 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

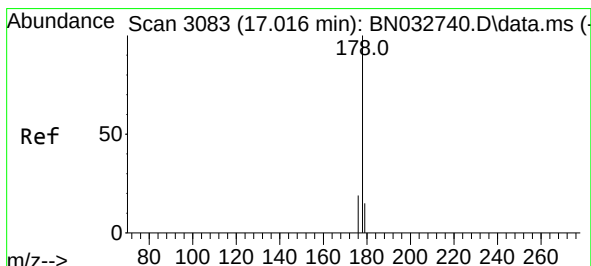
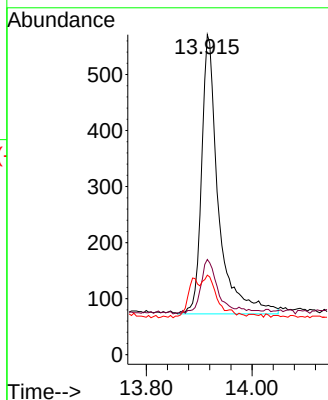
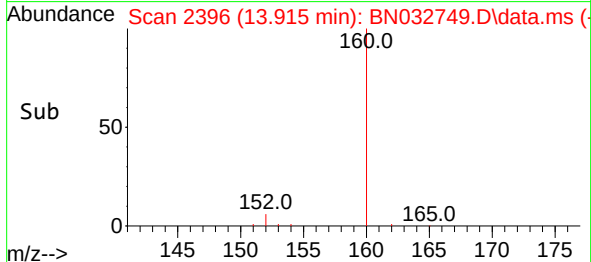
Instrument :
BNA_N
ClientSampleId :
A4B96DL



Tgt Ion:152 Resp: 1100
Ion Ratio Lower Upper
152 100
151 29.8 16.3 24.5
153 24.9 11.3 16.9

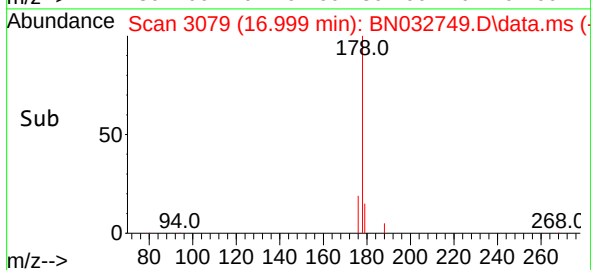
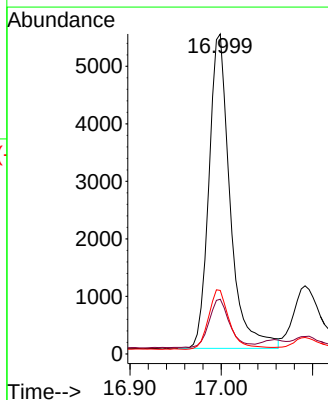
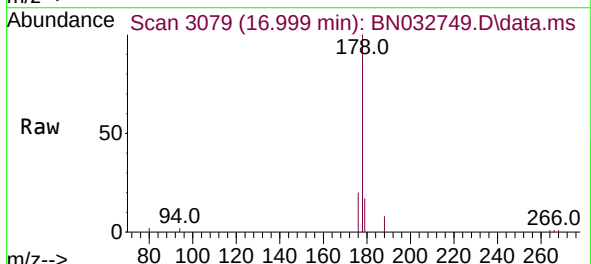
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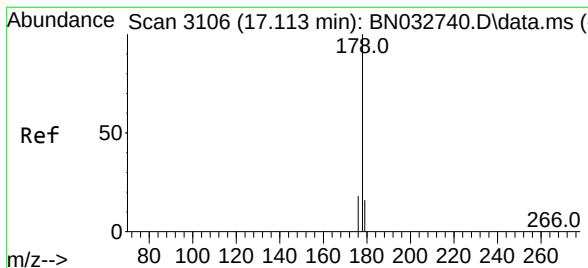
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#15
Phenanthrene
Concen: 0.218 ng/ul
RT: 16.999 min Scan# 3079
Delta R.T. -0.030 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Tgt Ion:178 Resp: 8797
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.4
176 19.9 15.6 23.4





#16

Anthracene

Concen: 0.065 ng/u1

RT: 17.092 min Scan# 3106

Delta R.T. -0.047 min

Lab File: BN032749.D

Acq: 16 Jul 2024 20:06

Instrument :

BNA_N

ClientSampleId :

A4B96DL

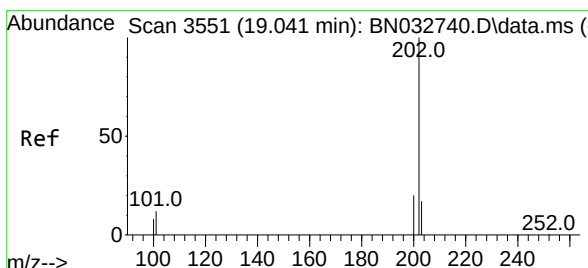
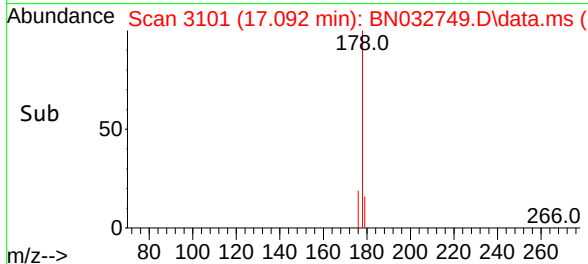
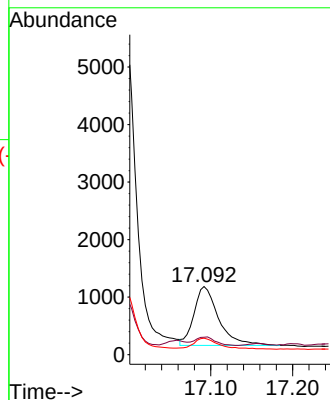
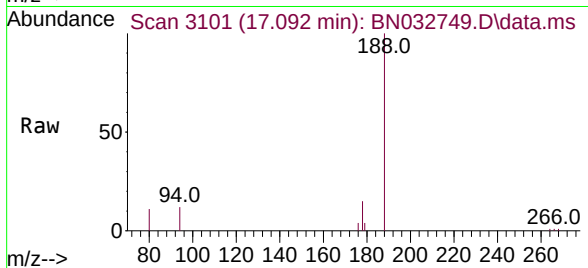
Tgt Ion:178	Resp:	214
Ion Ratio	Lower	Upper
178	100	
179	25.5	13.4 20.2
176	24.1	15.4 23.0

Manual Integrations

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#19

Fluoranthene

Concen: 0.336 ng/u1

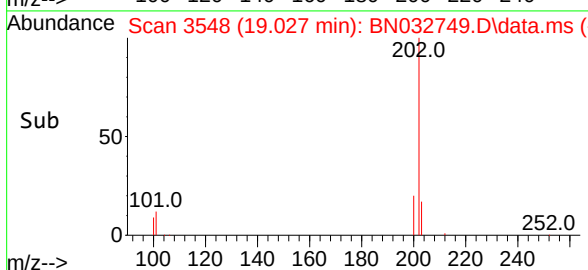
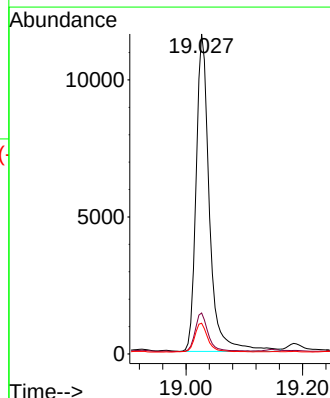
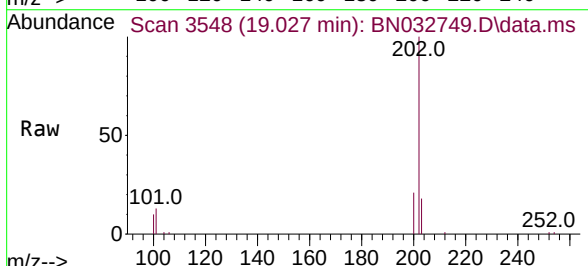
RT: 19.027 min Scan# 3548

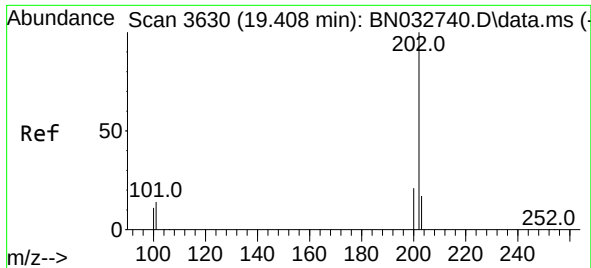
Delta R.T. -0.028 min

Lab File: BN032749.D

Acq: 16 Jul 2024 20:06

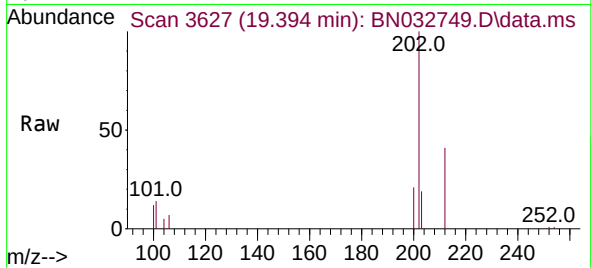
Tgt Ion:202	Resp:	18458
Ion Ratio	Lower	Upper
202	100	
101	12.8	9.8 14.8
100	9.6	7.9 11.9





#20
Pyrene
Concen: 0.372 ng/u1
RT: 19.394 min Scan# 30
Delta R.T. -0.028 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

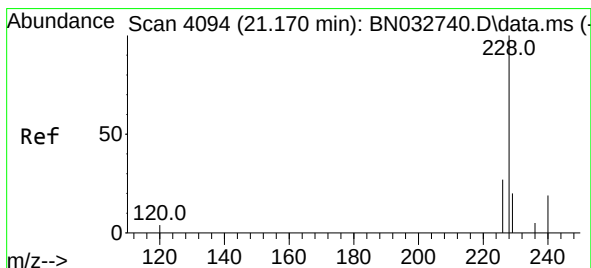
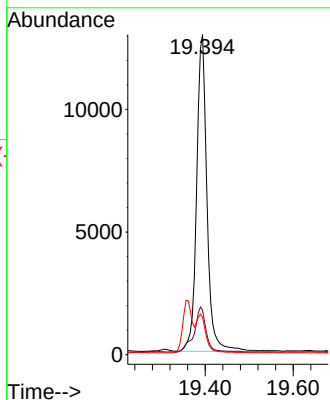
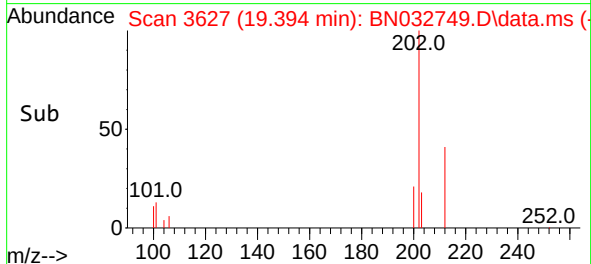
Instrument :
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A4B96DL



Tgt Ion:202 Resp: 21160
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.7 9.6 14.4

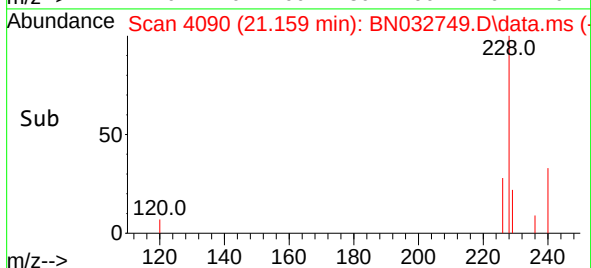
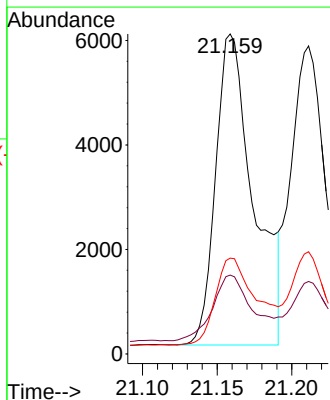
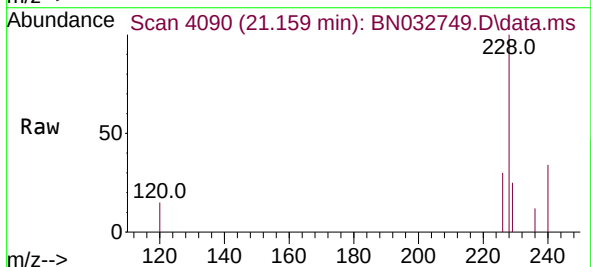
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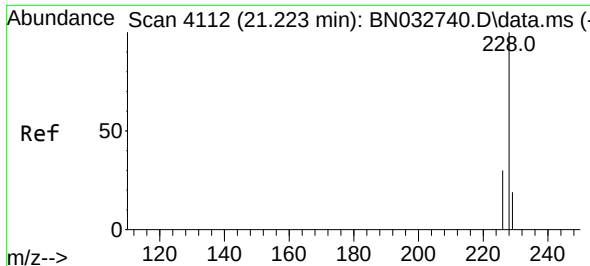
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#21
Benzo(a)anthracene
Concen: 0.244 ng/u1
RT: 21.159 min Scan# 4090
Delta R.T. -0.023 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

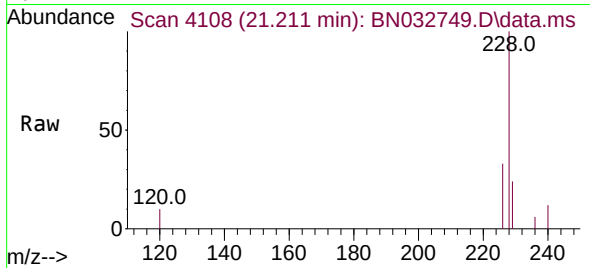
Tgt Ion:228 Resp: 10510
Ion Ratio Lower Upper
228 100
229 24.6 16.1 24.1#
226 30.0 21.9 32.9





#22
Chrysene
Concen: 0.160 ng/ul
RT: 21.211 min Scan# 4112
Delta R.T. -0.021 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

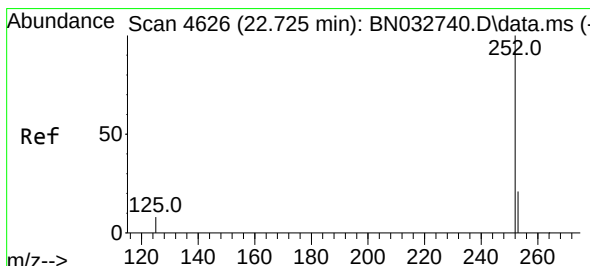
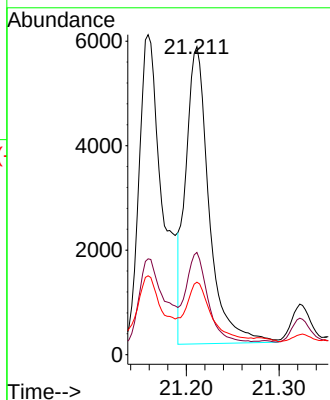
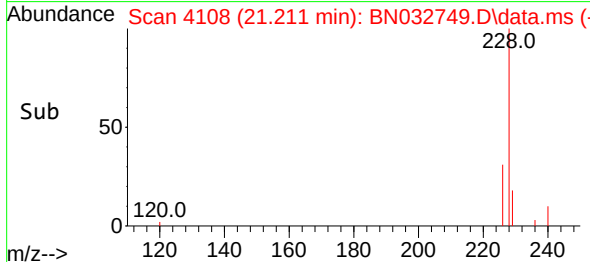
Instrument :
BNA_N
ClientSampleId :
A4B96DL



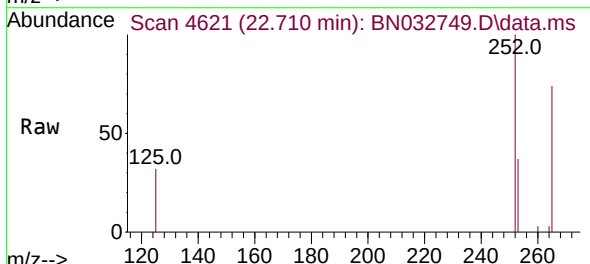
Tgt Ion:228 Resp: 9939
Ion Ratio Lower Upper
228 100
226 33.2 24.0 36.0
229 23.5 15.8 23.6

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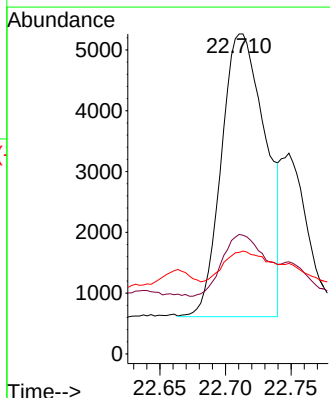
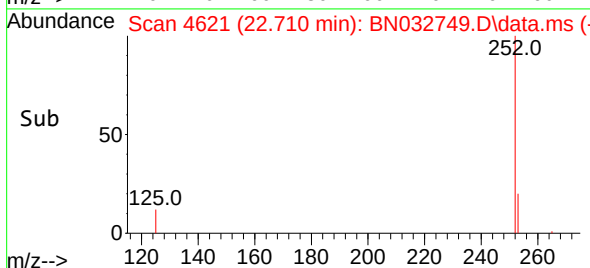
Reviewed By :Yogesh Patel 07/18/2024
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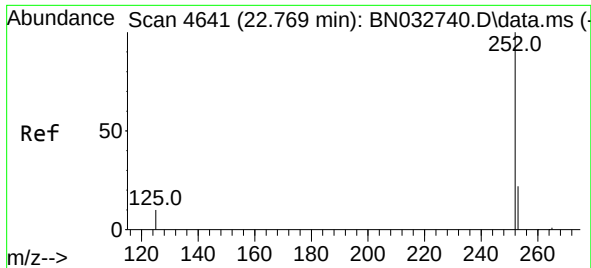


#24
Benzo(b)fluoranthene
Concen: 0.232 ng/ul m
RT: 22.710 min Scan# 4621
Delta R.T. -0.024 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06



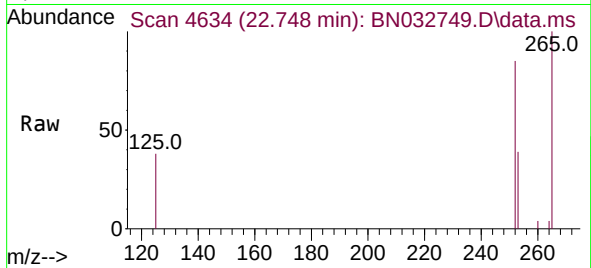
Tgt Ion:252 Resp: 10883
Ion Ratio Lower Upper
252 100
253 37.3 0.0 54.0
125 31.7 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.070 ng/ul m
RT: 22.748 min Scan# 4634
Delta R.T. -0.029 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

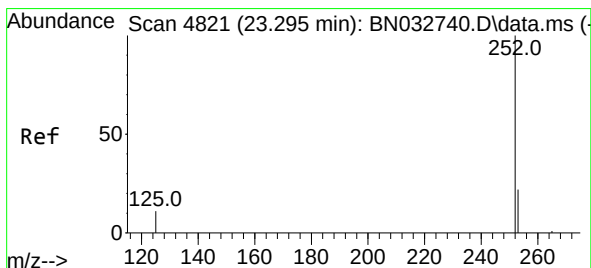
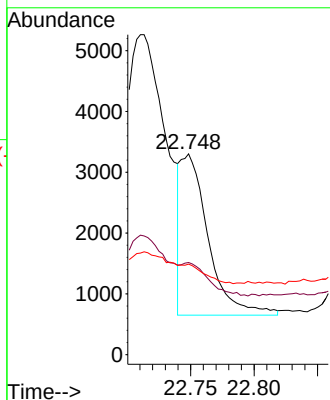
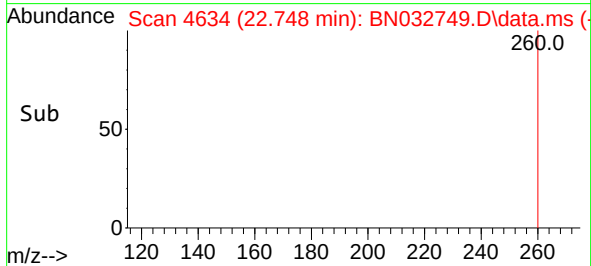
Instrument :
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ClientSampleId :
A4B96DL



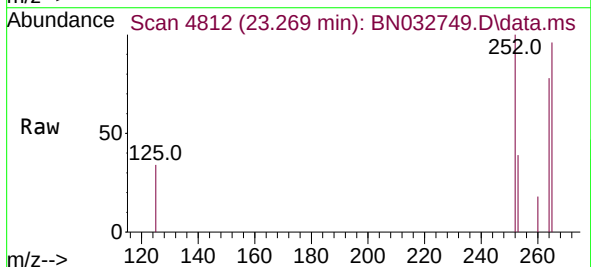
Tgt Ion:252 Resp: 4010
Ion Ratio Lower Upper
252 100
253 45.9 21.2 31.8
125 45.1 14.8 22.2

Manual Integrations
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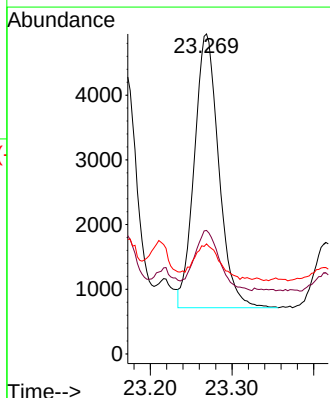
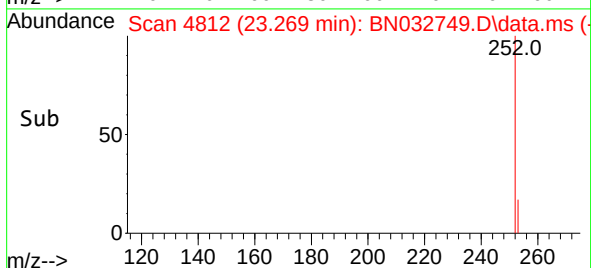
Reviewed By :Yogesh Patel 07/18/2024
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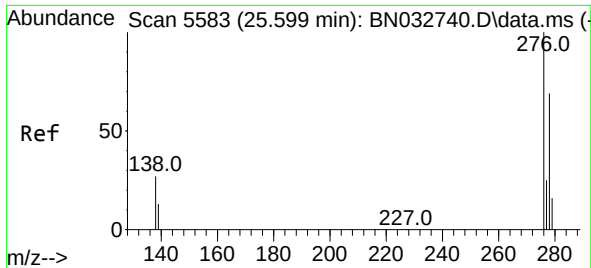


#26
Benzo(a)pyrene
Concen: 0.217 ng/ul
RT: 23.269 min Scan# 4812
Delta R.T. -0.041 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06



Tgt Ion:252 Resp: 8791
Ion Ratio Lower Upper
252 100
253 38.6 25.4 38.0#
125 34.4 20.6 30.8#





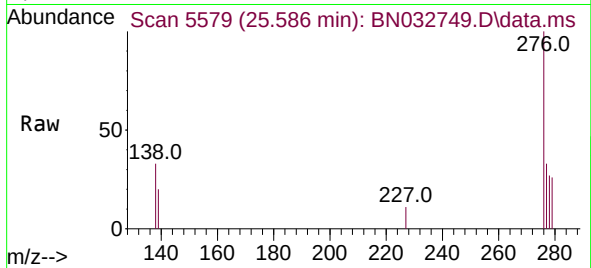
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.113 ng/ul
RT: 25.586 min Scan# 5579
Delta R.T. -0.040 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06

Instrument :

BNA_N

ClientSampleId :

A4B96DL



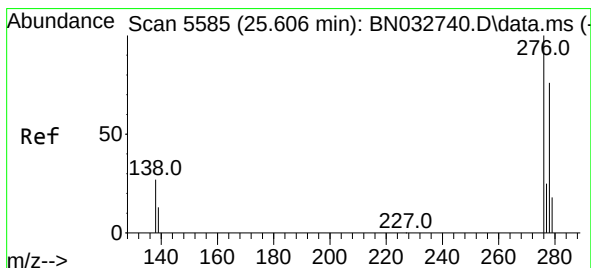
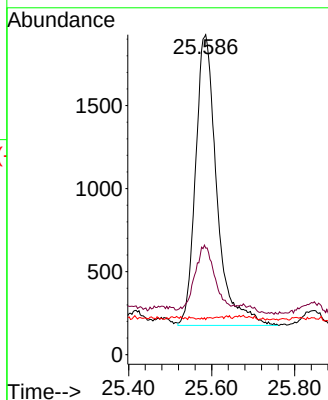
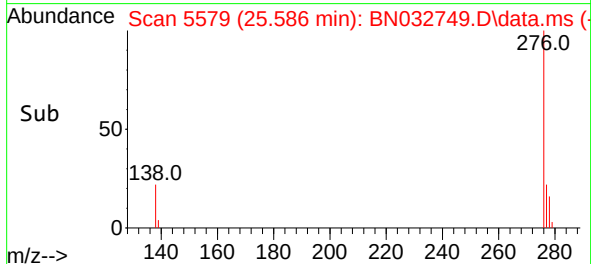
Tgt Ion:276 Resp: 6215
Ion Ratio Lower Upper
276 100
138 25.7 21.6 32.4
227 0.1 0.0 0.0

Manual Integrations

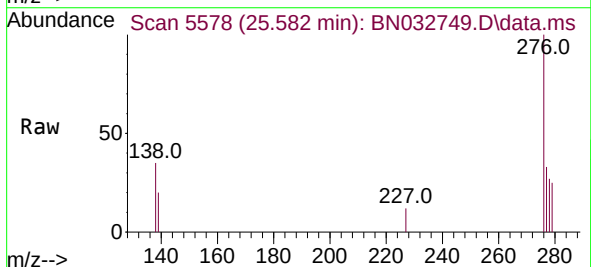
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Reviewed By :Yogesh Patel 07/18/2024

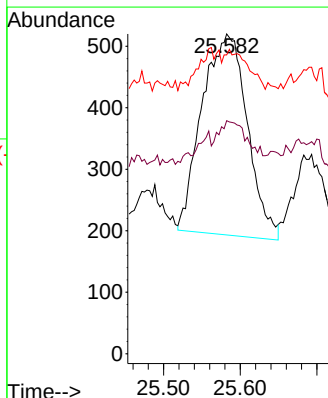
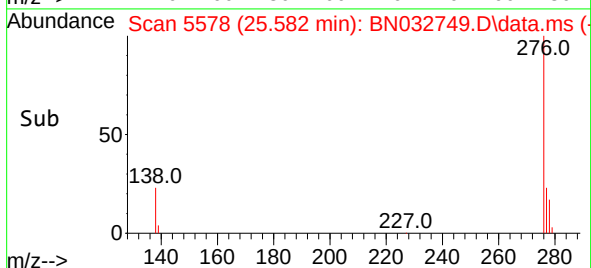
Supervised By :mohammad ahmed 07/19/2024

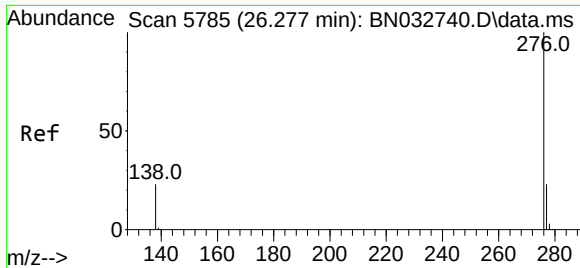


#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 25.582 min Scan# 5578
Delta R.T. -0.057 min
Lab File: BN032749.D
Acq: 16 Jul 2024 20:06



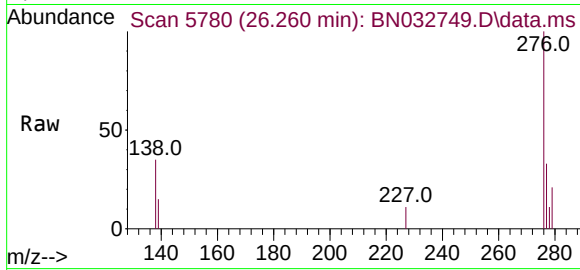
Tgt Ion:278 Resp: 1340
Ion Ratio Lower Upper
278 100
139 72.9 16.6 24.8#
279 93.5 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.158 ng/ul
 RT: 26.260 min Scan# 51
 Delta R.T. -0.040 min
 Lab File: BN032749.D
 Acq: 16 Jul 2024 20:06

Instrument :
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 ClientSampleId :
 A4B96DL



Tgt Ion: 276 Resp: 726

Ion	Ratio	Lower	Upper
276	100		
138	34.8	21.0	31.4
277	32.8	20.6	31.0

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