Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032949.D
Acq On : 24 Jul 2024 15:24
Operator : MA/JU
Sample : P3238-04DL 5X
Misc :
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Jul 24 16:20:01 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4BE7DL

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.523	152	4322	0.400 ng/ul	-0.01
4) Naphthalene-d8	10.293	136	14039	0.400 ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	7514	0.400 ng/ul	-0.01
13) Phenanthrene-d10	16.940	188	11957	0.400 ng/ul	-0.02
17) Chrysene-d12	21.158	240	10734	0.400 ng/ul	# 0.00
23) Perylene-d12	23.353	264	13053	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.084	96	3037	0.585 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	788	0.037 ng/ul	-0.02
18) Fluoranthene-d10	18.980	212	1278	0.037 ng/ul	-0.02
Target Compounds					Qvalue
5) Naphthalene	10.343	128	4272	0.113 ng/ul#	94
7) 2-Methylnaphthalene	11.987	142	1039	0.044 ng/ul	100
8) 1-Methylnaphthalene	12.202	142	784	0.032 ng/ul	98
10) Acenaphthylene	13.896	152	2609	0.086 ng/ul#	88
11) Acenaphthene	14.239	153	4706	0.187 ng/ul	99
12) Fluorene	15.238	166	5364	0.187 ng/ul	99
15) Phenanthrene	16.982	178	88583	2.720 ng/ul	98
16) Anthracene	17.075	178	15755	0.592 ng/ul#	96
19) Fluoranthene	19.012	202	141273	3.237 ng/ul	98
20) Pyrene	19.379	202	96523	2.137 ng/ul	98
21) Benzo(a)anthracene	21.141	228	60497	1.771 ng/ul	98
22) Chrysene	21.196	228	58161	1.177 ng/ul	98
24) Benzo(b)fluoranthene	22.698	252	78460m	1.704 ng/ul	
25) Benzo(k)fluoranthene	22.733	252	34093m	0.607 ng/ul	
26) Benzo(a)pyrene	23.257	252	32488	0.815 ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.565	276	30443	0.564 ng/ul#	92
28) Dibenzo(a,h)anthracene	25.558	278	9735	0.233 ng/ul#	63
29) Benzo(g,h,i)perylene	26.246	276	4358	0.097 ng/ul#	42

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032949.D
Acq On : 24 Jul 2024 15:24
Operator : MA/JU
Sample : P3238-04DL 5X
Misc :
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Jul 24 16:20:01 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4BE7DL

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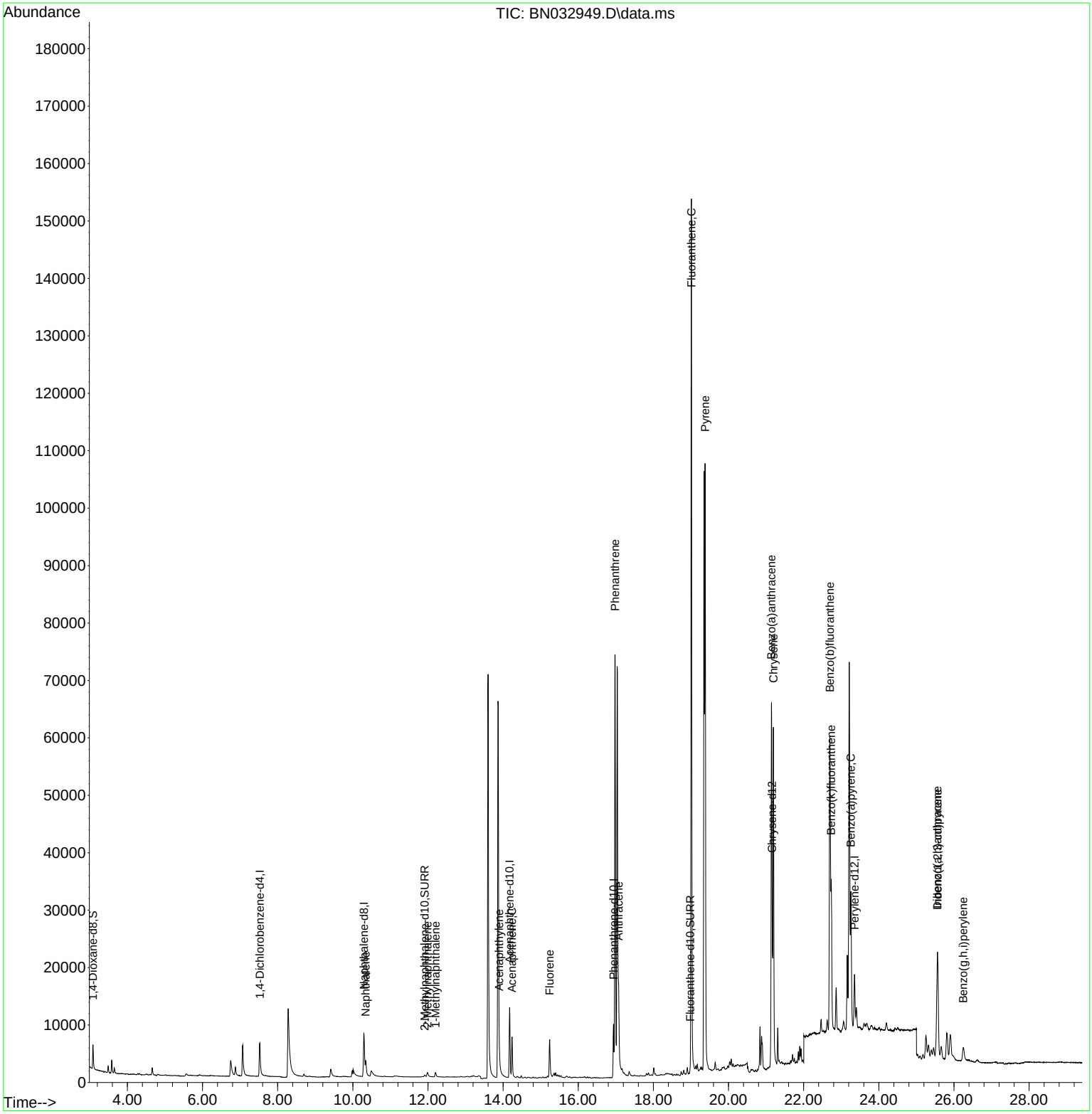

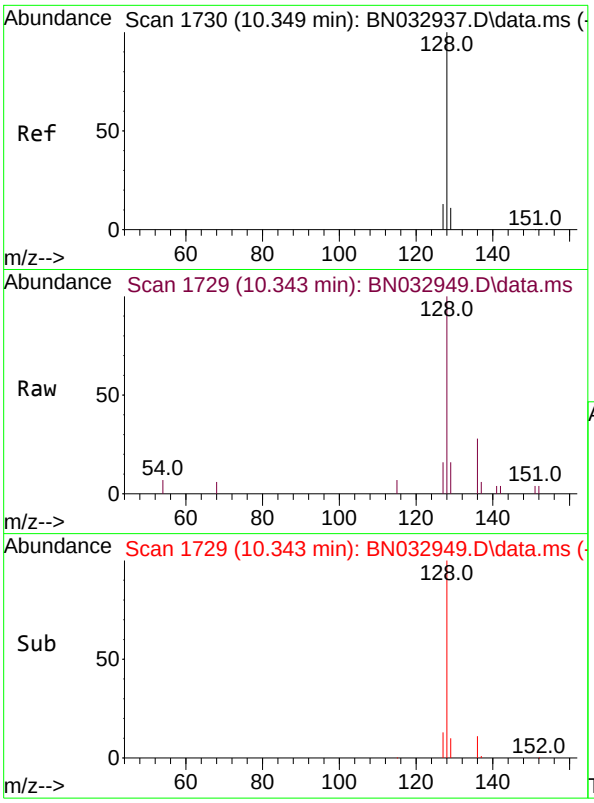

#5
Naphthalene
Concen: 0.113 ng/ul
RT: 10.343 min Scan# 1
Delta R.T. -0.021 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:128 Resp: 427

Ion	Ratio	Lower	Upper
128	100		
129	15.9	10.0	15.0
127	15.9	11.6	17.4

Instrument :
BNA_N
ClientSampleId :
A4BE7DL

Manual Integrations
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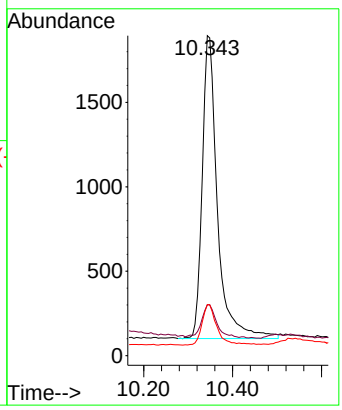
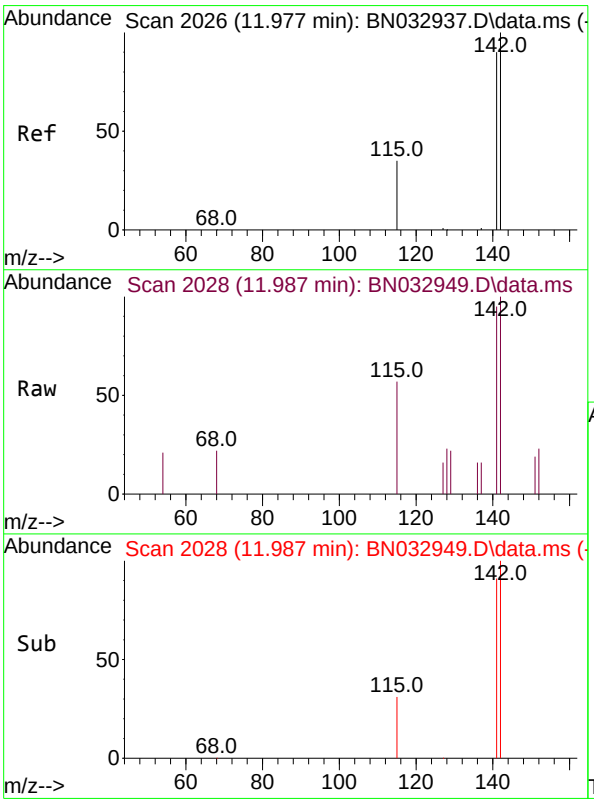
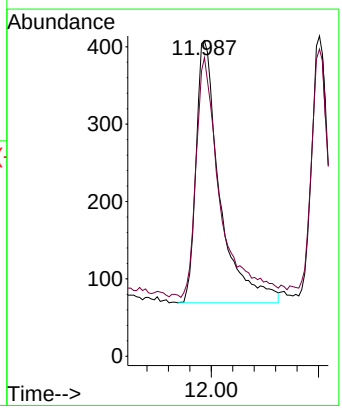


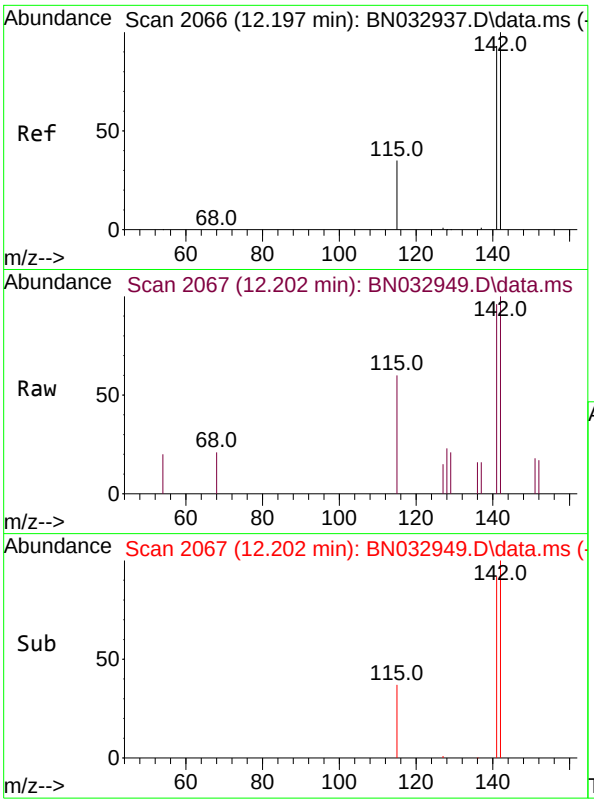


#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 11.987 min Scan# 2028
Delta R.T. -0.010 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:142 Resp: 1039

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.202 min Scan# 2(
Delta R.T. -0.010 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:142 Resp: 784

Ion	Ratio	Lower	Upper
142	100		
141	95.9	75.0	112.4

Instrument :
BNA_N
ClientSampleId :
A4BE7DL

Manual Integrations
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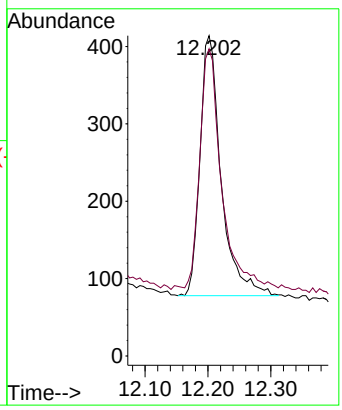
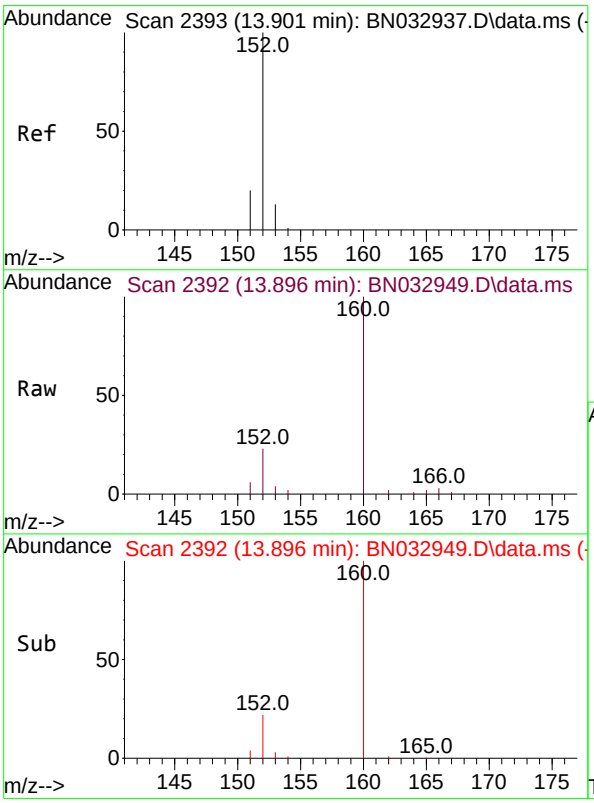
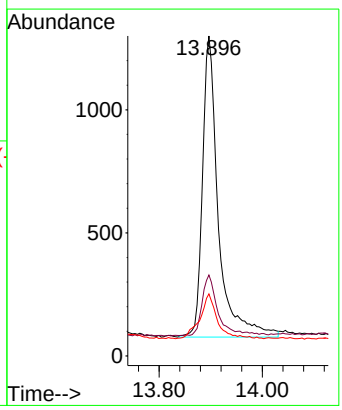


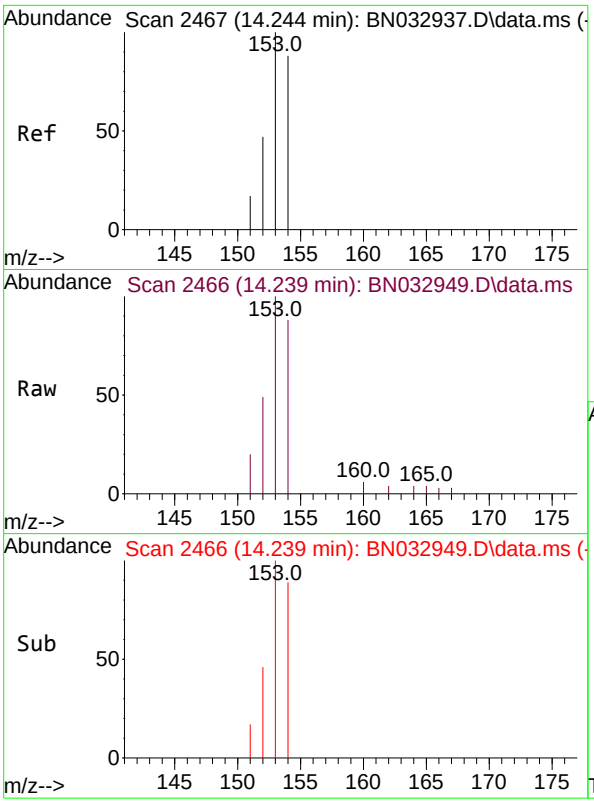


#10
Acenaphthylene
Concen: 0.086 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:152 Resp: 2609

Ion	Ratio	Lower	Upper
152	100		
151	25.3	16.3	24.5#
153	19.4	11.3	16.9#





#11
Acenaphthene
Concen: 0.187 ng/ul
RT: 14.239 min Scan# 2
Delta R.T. -0.013 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:153 Resp: 470

Ion	Ratio	Lower	Upper
153	100		
152	48.8	40.0	60.0
154	88.2	70.2	105.4

Instrument :
BNA_N
ClientSampleId :
A4BE7DL

Manual Integrations
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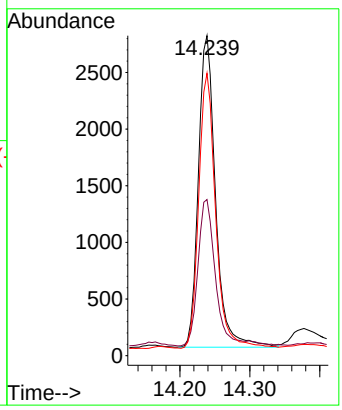
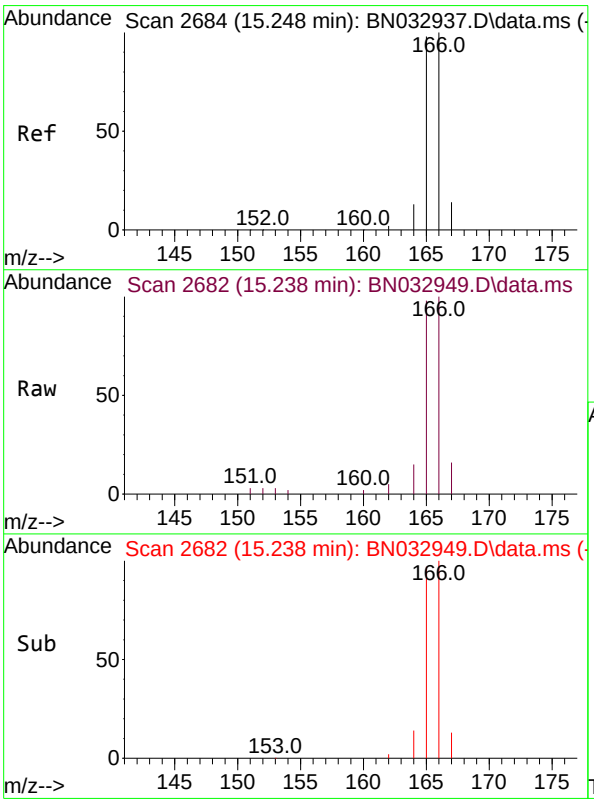
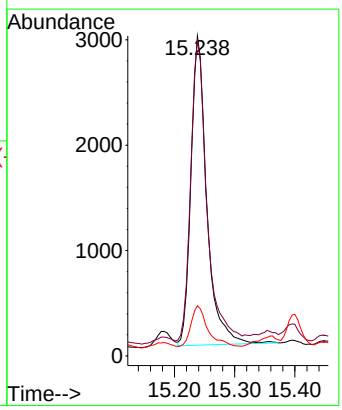


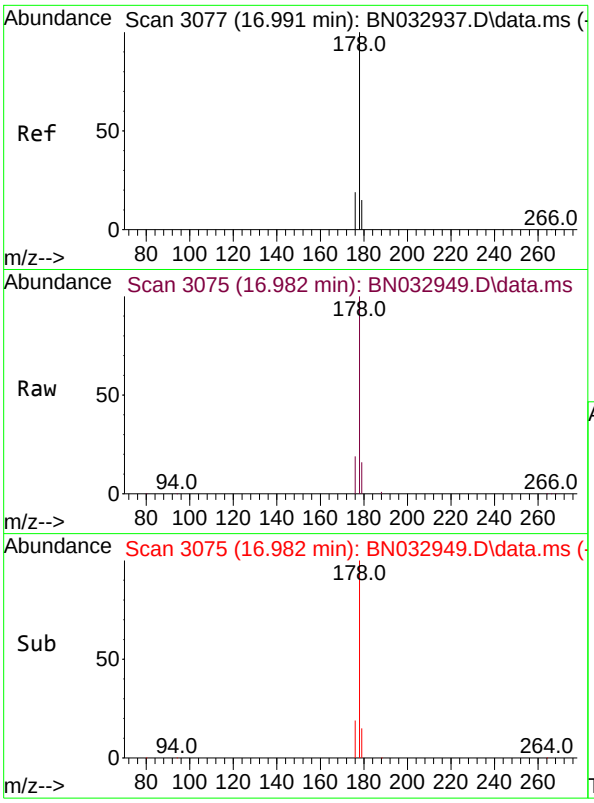


#12
Fluorene
Concen: 0.187 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:166 Resp: 5364

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.7	119.5
167	15.7	11.4	17.2





#15
Phenanthrene
Concen: 2.720 ng/ul
RT: 16.982 min Scan# 3(
Delta R.T. -0.020 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:178 Resp: 8858

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.4
176	18.7	15.6	23.4

Instrument :
BNA_N
ClientSampleId :
A4BE7DL

Manual Integrations
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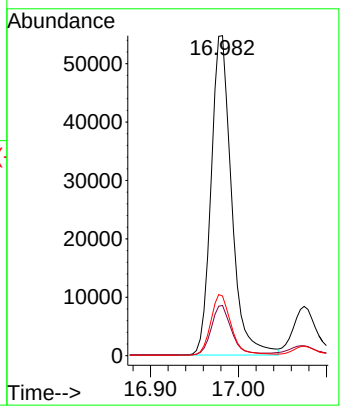
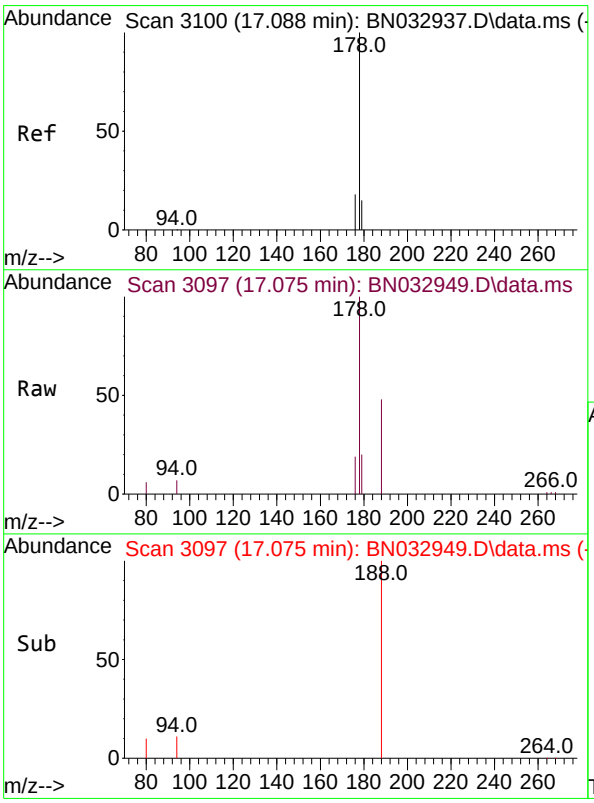
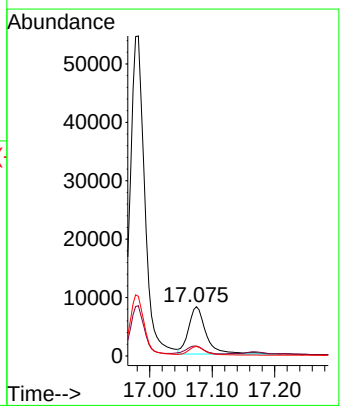


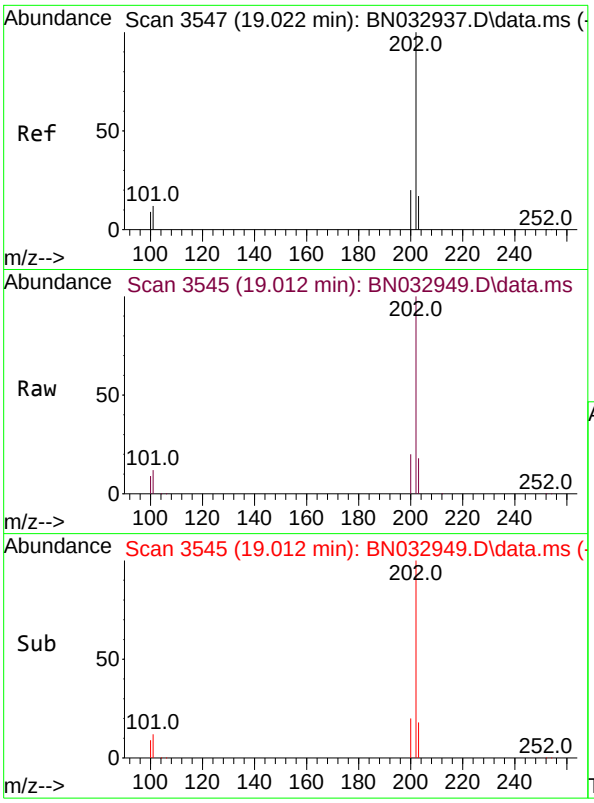


#16
Anthracene
Concen: 0.592 ng/ul
RT: 17.075 min Scan# 3097
Delta R.T. -0.024 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:178 Resp: 15755

Ion	Ratio	Lower	Upper
178	100		
179	20.2	13.4	20.2#
176	19.0	15.4	23.0





#19
Fluoranthene
Concen: 3.237 ng/ul
RT: 19.012 min Scan# 3
Delta R.T. -0.013 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:202 Resp: 14127

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.8
100	8.7	7.9	11.9

Instrument :
BNA_N
ClientSampleId :
A4BE7DL

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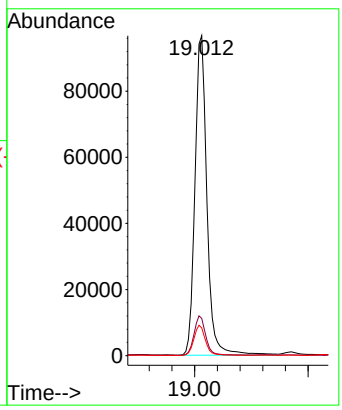
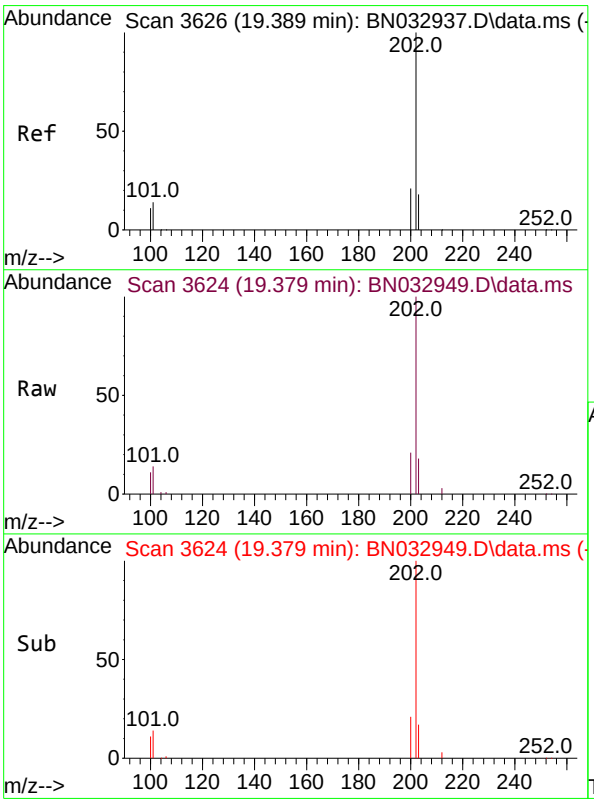
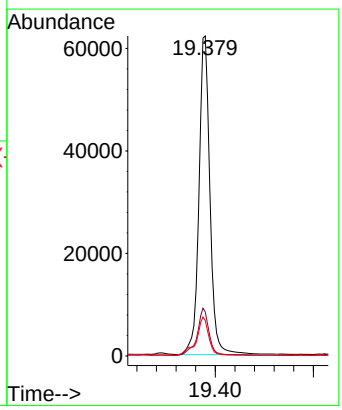


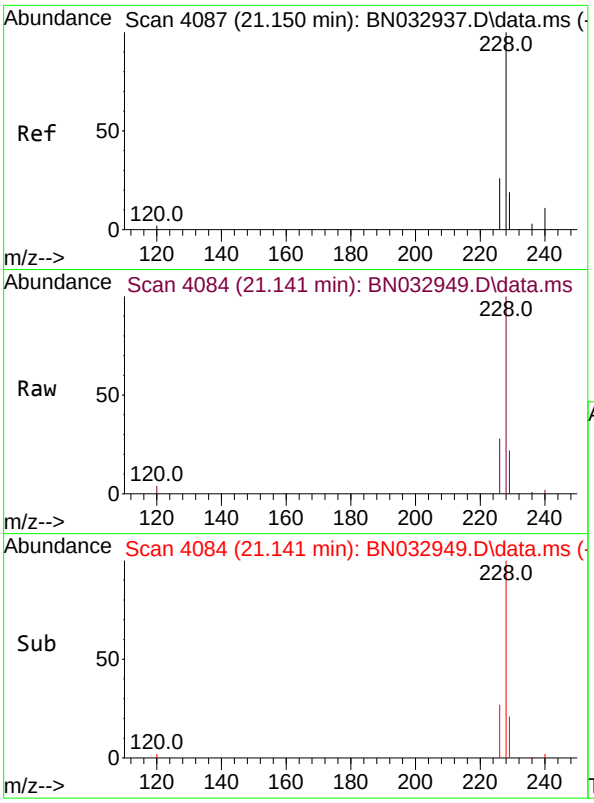


#20
Pyrene
Concen: 2.137 ng/ul
RT: 19.379 min Scan# 3624
Delta R.T. -0.013 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:202 Resp: 96523

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.8	17.6
100	11.1	9.6	14.4





#21
Benzo(a)anthracene
Concen: 1.771 ng/ul
RT: 21.141 min Scan# 4(
Delta R.T. -0.009 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:228 Resp: 6049

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.1	24.1
226	27.6	21.9	32.9

Instrument :
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ClientSampleId :
A4BE7DL

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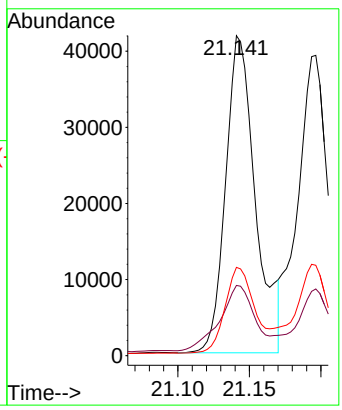
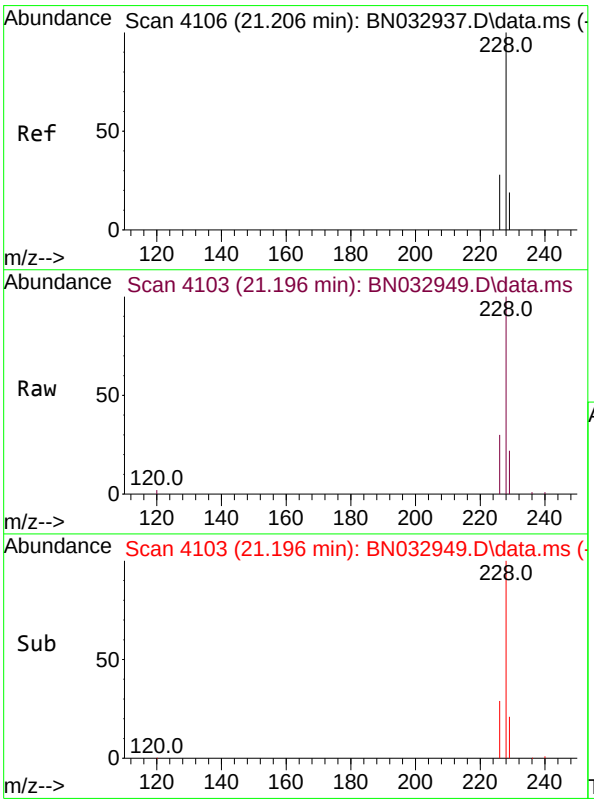
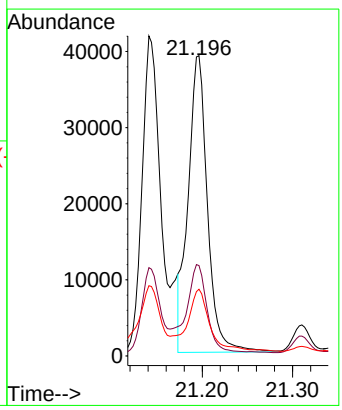


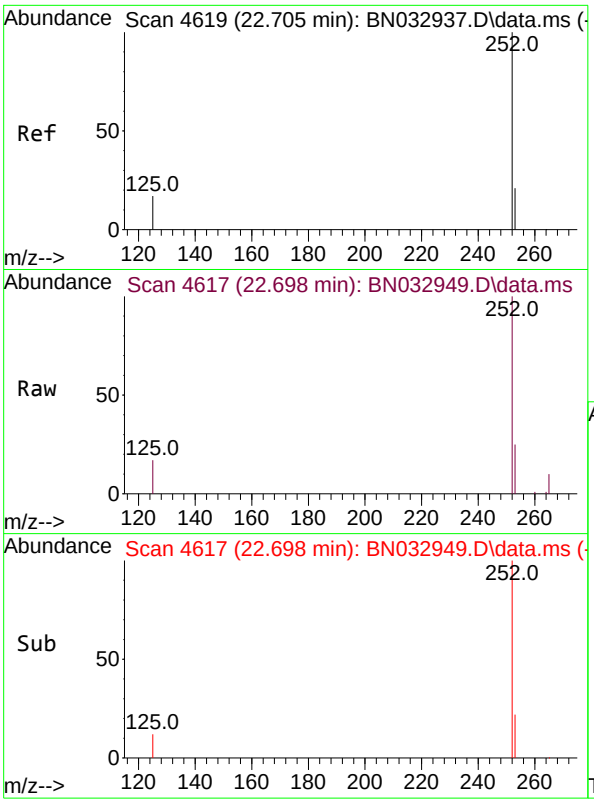


#22
Chrysene
Concen: 1.177 ng/ul
RT: 21.196 min Scan# 4103
Delta R.T. -0.006 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:228 Resp: 58161

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	22.2	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 1.704 ng/ul m
RT: 22.698 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:252 Resp: 7846

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	54.0
125	17.5	0.0	36.0

Instrument :
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ClientSampleId :
A4BE7DL

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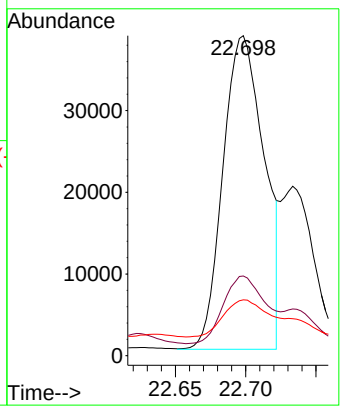
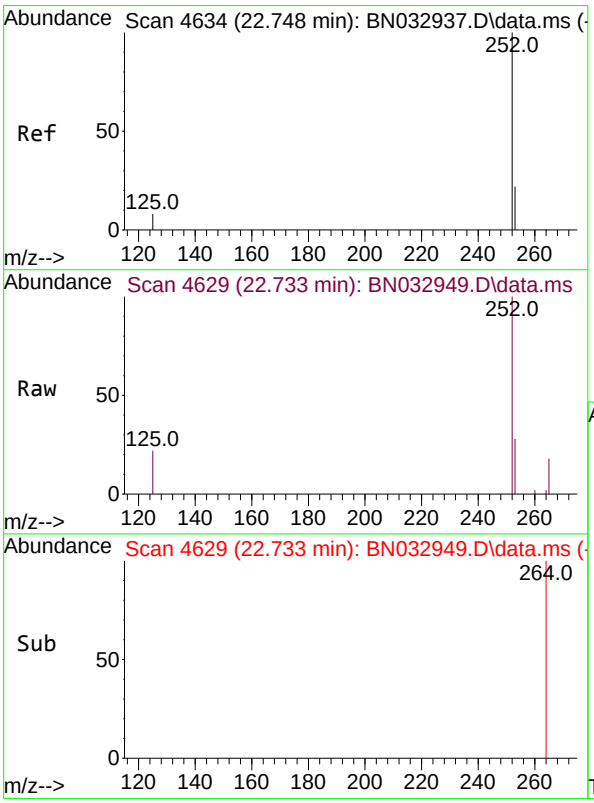
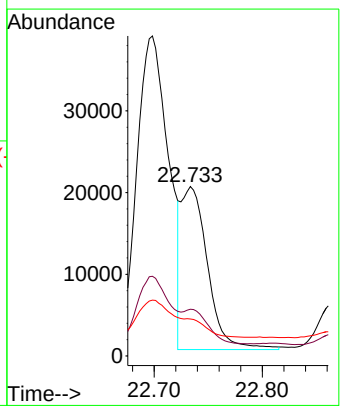


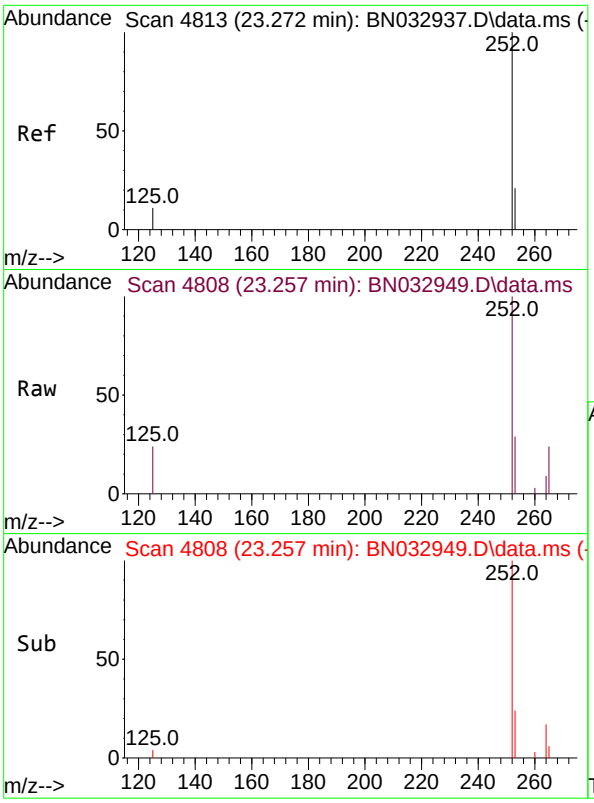


#25
Benzo(k)fluoranthene
Concen: 0.607 ng/ul m
RT: 22.733 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:252 Resp: 34093

Ion	Ratio	Lower	Upper
252	100		
253	27.6	21.2	31.8
125	21.8	14.8	22.2





#26
Benzo(a)pyrene
Concen: 0.815 ng/ul
RT: 23.257 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:252 Resp: 3248

Ion	Ratio	Lower	Upper
252	100		
253	29.2	25.4	38.0
125	24.1	20.6	30.8

Instrument :
BNA_N
ClientSampleId :
A4BE7DL

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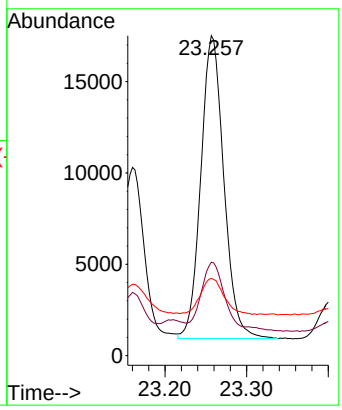
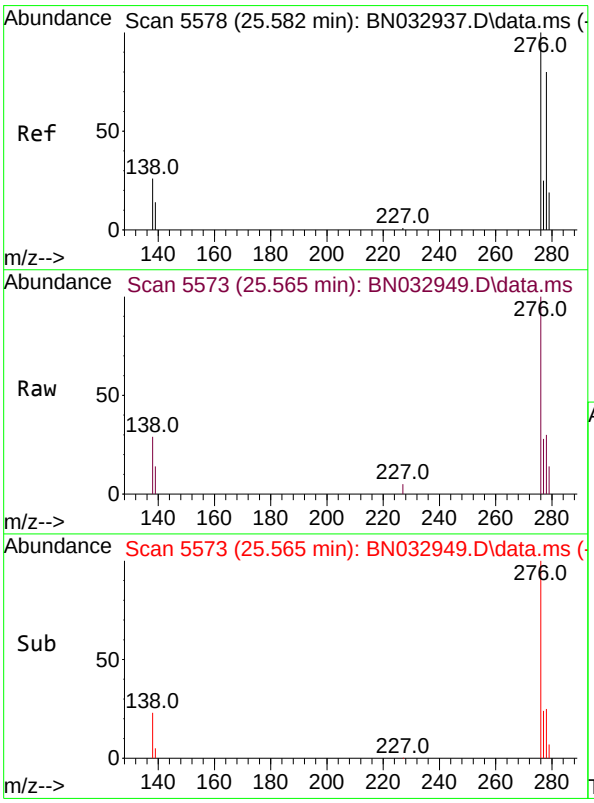
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

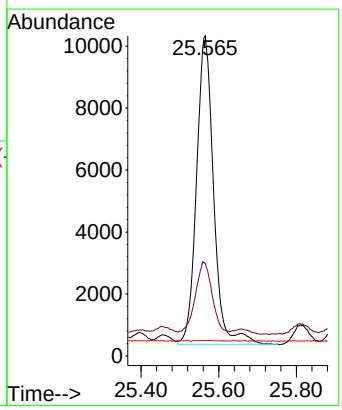


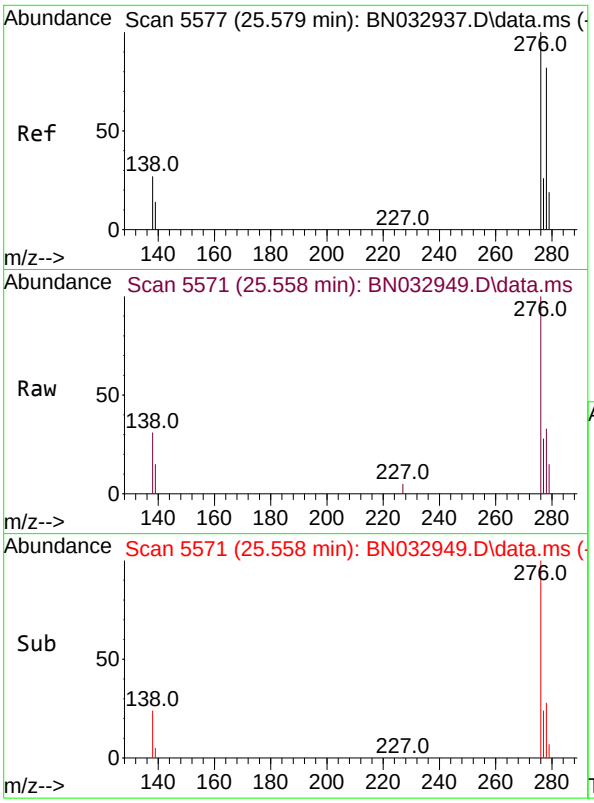


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.564 ng/ul
RT: 25.565 min Scan# 5573
Delta R.T. -0.004 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:276 Resp: 30443

Ion	Ratio	Lower	Upper
276	100		
138	22.7	21.6	32.4
227	0.3	0.0	0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.233 ng/ul
RT: 25.558 min Scan# 5
Delta R.T. -0.011 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

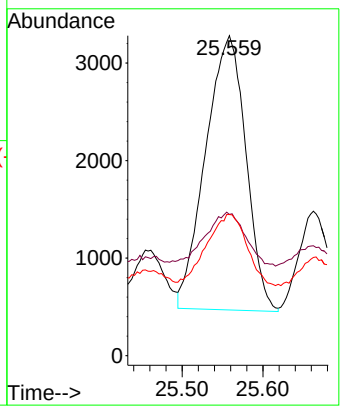
Tgt Ion:278 Resp: 973

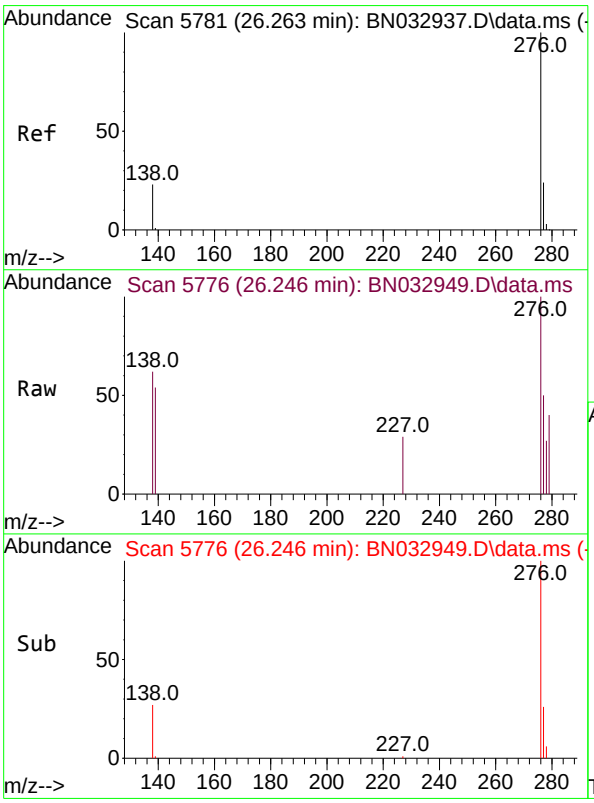
Ion	Ratio	Lower	Upper
278	100		
139	44.1	16.6	24.8#
279	44.1	23.7	35.5#

Instrument :
BNA_N
ClientSampleId :
A4BE7DL

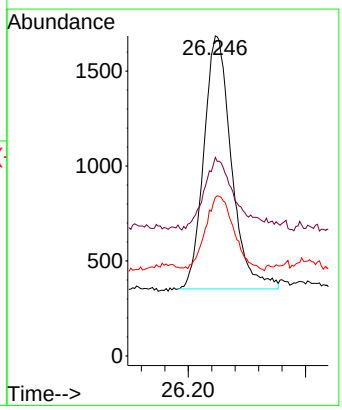
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024





#29
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 26.246 min Scan# 5776
Delta R.T. -0.004 min
Lab File: BN032949.D
Acq: 24 Jul 2024 15:24

Tgt Ion:276 Resp: 4358

Ion	Ratio	Lower	Upper
276	100		
138	62.0	21.0	31.4#
277	49.6	20.6	31.0#