

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033083.D
 Acq On : 30 Jul 2024 00:28
 Operator : MA/JU
 Sample : PB162262BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS262

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 00:52:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.549	152	2082m	0.400	ng/ul	0.02
4) Naphthalene-d8	10.333	136	7797	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.171	164	5839	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	13890	0.400	ng/ul	0.00
17) Chrysene-d12	21.151	240	13679	0.400	ng/ul	0.00
23) Perylene-d12	23.334	264	15251	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	2101	0.798	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	4418	0.347	ng/ul	0.03
18) Fluoranthene-d10	18.977	212	14382	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.094	88	5815	1.937	ng/ul#	69
5) Naphthalene	10.388	128	7307	0.365	ng/ul	98
7) 2-Methylnaphthalene	12.022	142	4549	0.335	ng/ul	97
8) 1-Methylnaphthalene	12.209	142	5127	0.350	ng/ul	99
10) Acenaphthylene	13.902	152	8053	0.337	ng/ul	98
11) Acenaphthene	14.231	153	6935	0.386	ng/ul	98
12) Fluorene	15.253	166	7635	0.364	ng/ul	99
14) Pentachlorophenol	16.637	266	1502	0.531	ng/ul	100
15) Phenanthrene	16.987	178	12773	0.343	ng/ul	99
16) Anthracene	17.097	178	10574	0.316	ng/ul	99
19) Fluoranthene	19.009	202	17173	0.381	ng/ul	99
20) Pyrene	19.376	202	18360	0.380	ng/ul	99
21) Benzo(a)anthracene	21.137	228	15690	0.336	ng/ul	99
22) Chrysene	21.189	228	21262	0.390	ng/ul	98
24) Benzo(b)fluoranthene	22.679	252	15806	0.355	ng/ul	92
25) Benzo(k)fluoranthene	22.726	252	22332	0.418	ng/ul#	91
26) Benzo(a)pyrene	23.252	252	17865	0.426	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.547	276	21825	0.342	ng/ul	100
28) Dibenzo(a,h)anthracene	25.544	278	16961	0.336	ng/ul	96
29) Benzo(g,h,i)perylene	26.221	276	17608	0.348	ng/ul	95

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

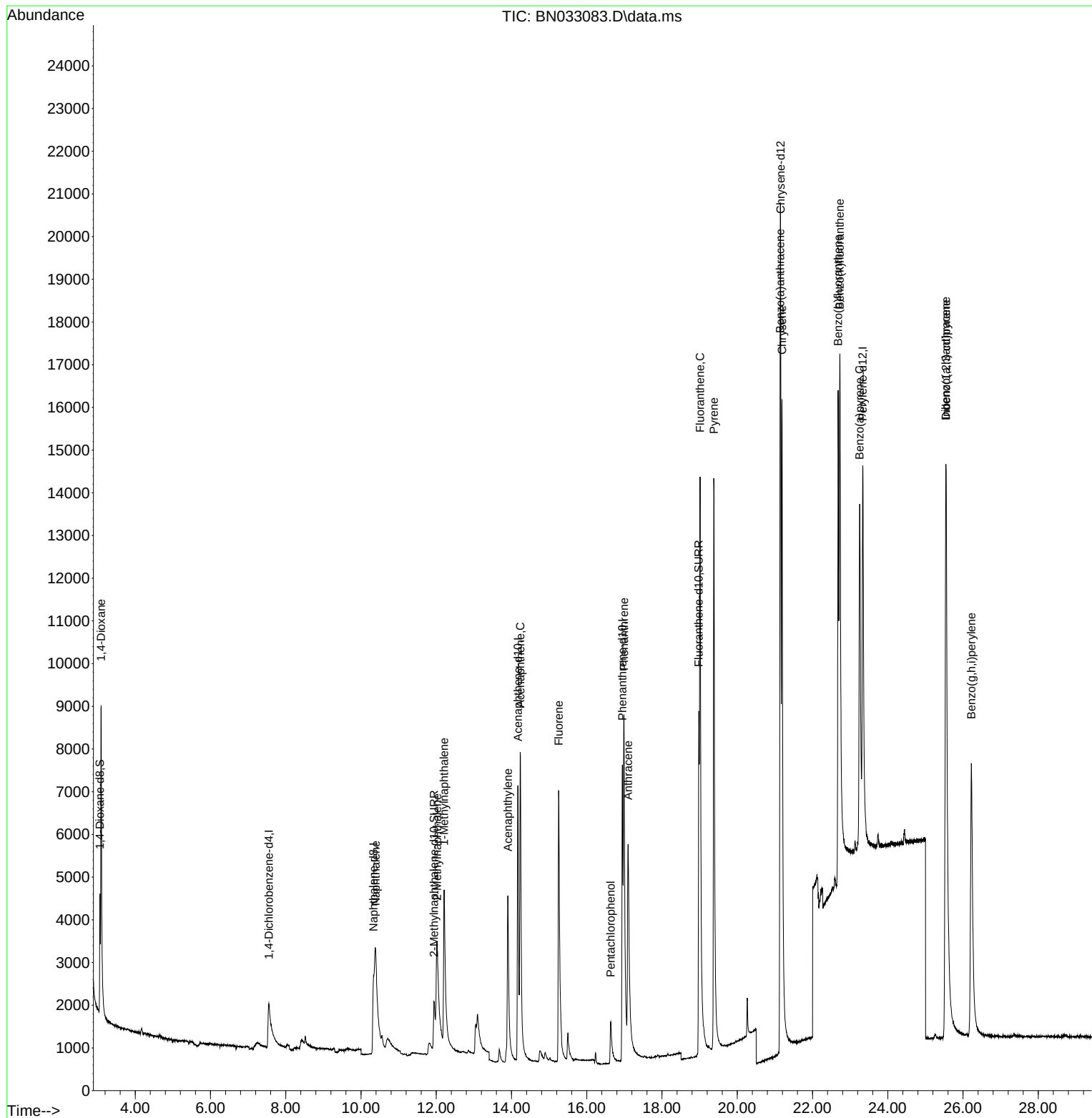
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033083.D
Acq On : 30 Jul 2024 00:28
Operator : MA/JU
Sample : PB162262BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

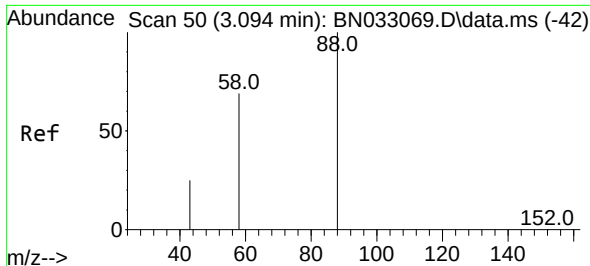
Instrument :
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SLCS262

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Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

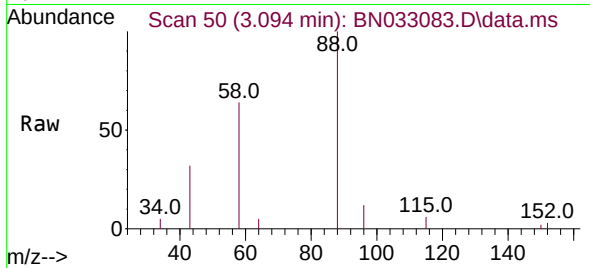
Quant Time: Jul 30 00:52:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration





#2
 1,4-Dioxane
 Concen: 1.937 ng/ul
 RT: 3.094 min Scan# 50
 Delta R.T. -0.008 min
 Lab File: BN033083.D
 Acq: 30 Jul 2024 00:28

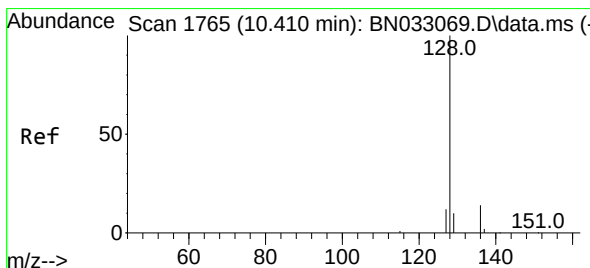
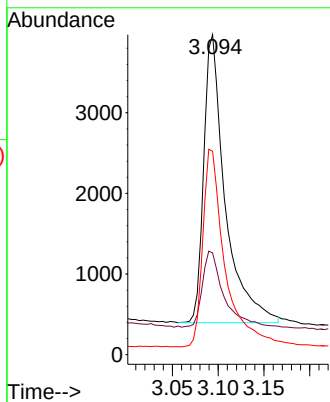
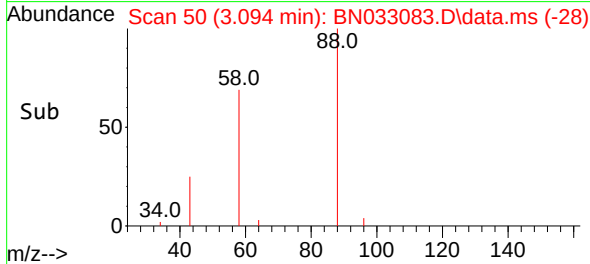
Instrument :
 BNA_N
 ClientSampleId :
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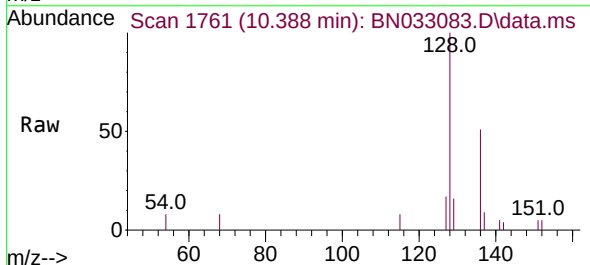
Tgt Ion: 88 Resp: 581
 Ion Ratio Lower Upper
 88 100
 43 31.8 63.4 95.2
 58 63.5 49.4 74.0

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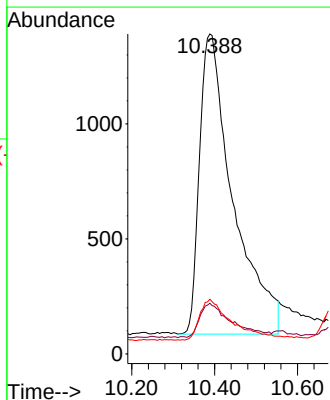
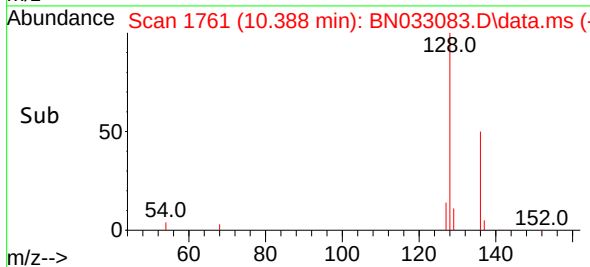
Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

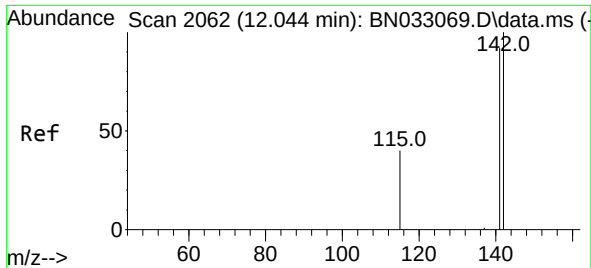


#5
 Naphthalene
 Concen: 0.365 ng/ul
 RT: 10.388 min Scan# 1761
 Delta R.T. 0.039 min
 Lab File: BN033083.D
 Acq: 30 Jul 2024 00:28



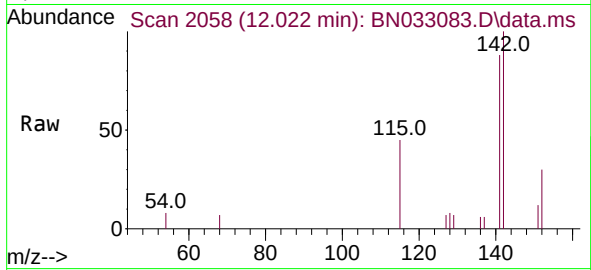
Tgt Ion:128 Resp: 7307
 Ion Ratio Lower Upper
 128 100
 129 15.8 12.0 18.0
 127 17.1 12.7 19.1





#7
2-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.022 min Scan# 2058
Delta R.T. 0.039 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28

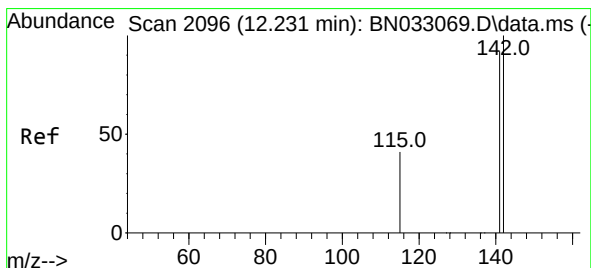
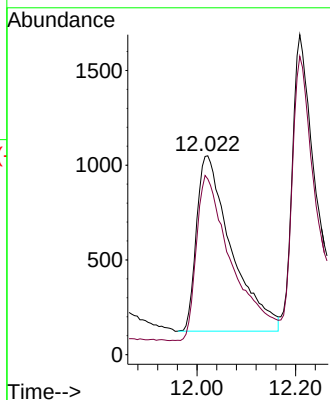
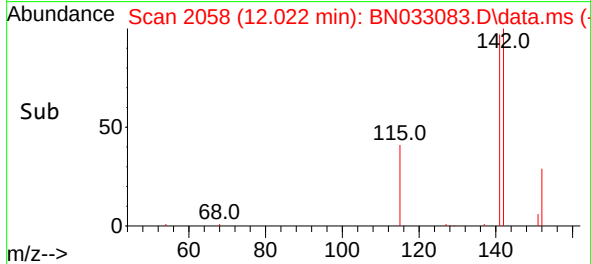
Instrument :
BNA_N
ClientSampleId :
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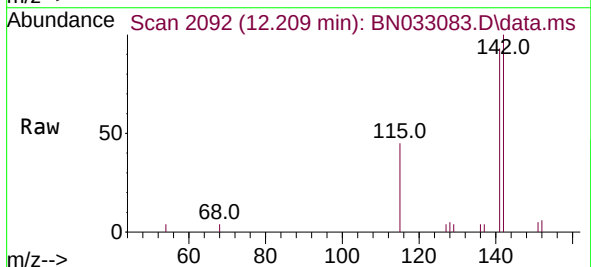
Tgt Ion:142 Resp: 4549
Ion Ratio Lower Upper
142 100
141 97.2 75.2 112.8

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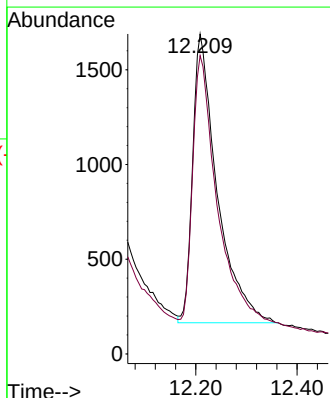
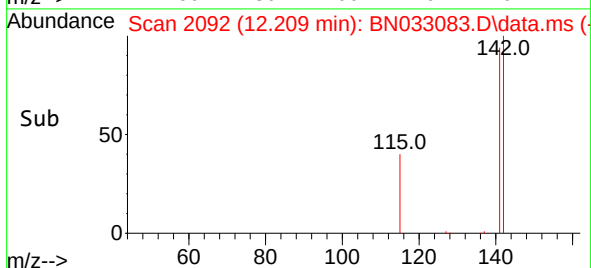
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

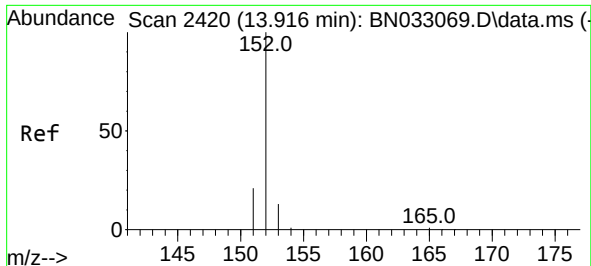


#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.209 min Scan# 2092
Delta R.T. 0.011 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28



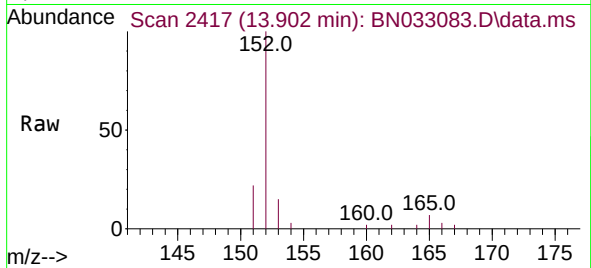
Tgt Ion:142 Resp: 5127
Ion Ratio Lower Upper
142 100
141 91.5 74.3 111.5





#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 13.902 min Scan# 2417
Delta R.T. 0.005 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28

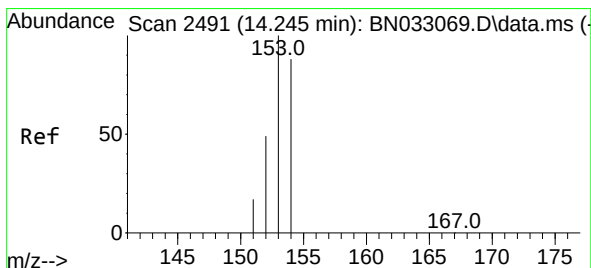
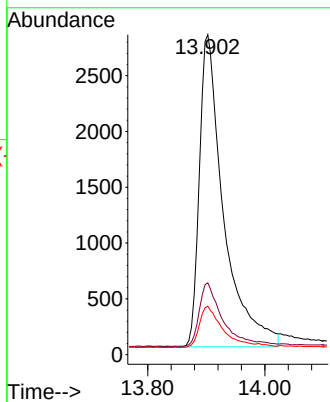
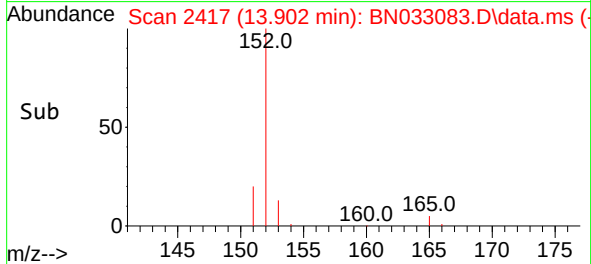
Instrument :
BNA_N
ClientSampleId :
SLCS262



Tgt Ion:152 Resp: 805
Ion Ratio Lower Upper
152 100
151 22.4 16.8 25.2
153 15.1 11.9 17.9

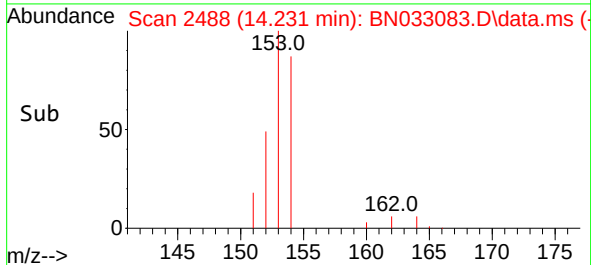
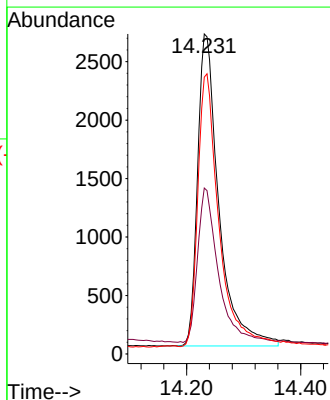
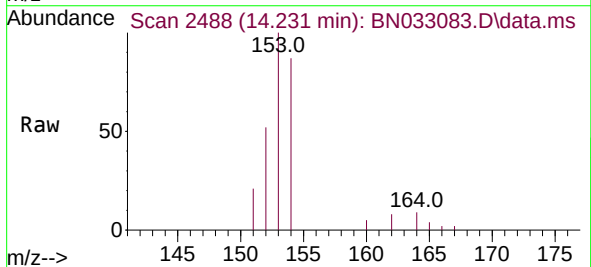
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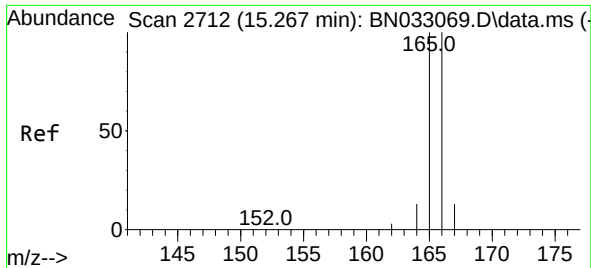
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.231 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28

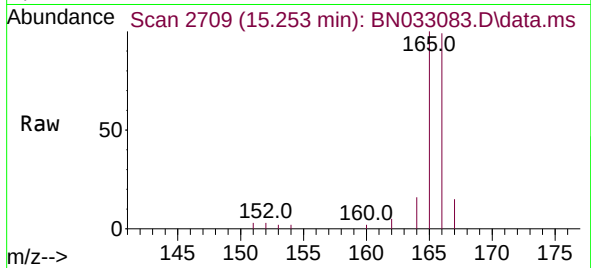
Tgt Ion:153 Resp: 6935
Ion Ratio Lower Upper
153 100
152 51.8 40.0 60.0
154 86.5 70.1 105.1





#12
Fluorene
Concen: 0.364 ng/ul
RT: 15.253 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28

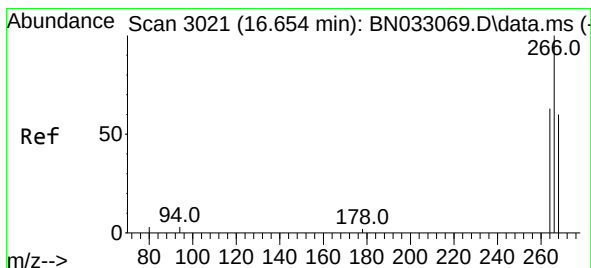
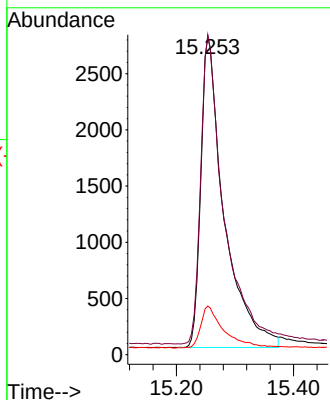
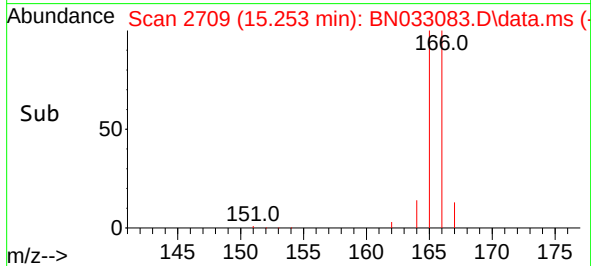
Instrument :
BNA_N
ClientSampleId :
SLCS262



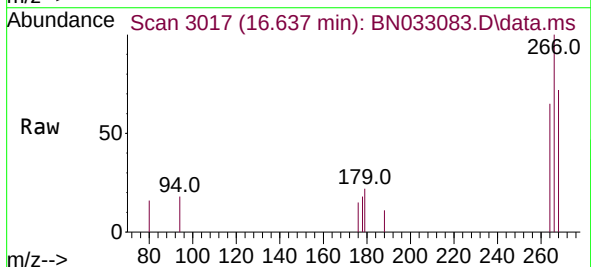
Tgt Ion:166 Resp: 763
Ion Ratio Lower Upper
166 100
165 100.8 79.6 119.4
167 15.3 12.2 18.4

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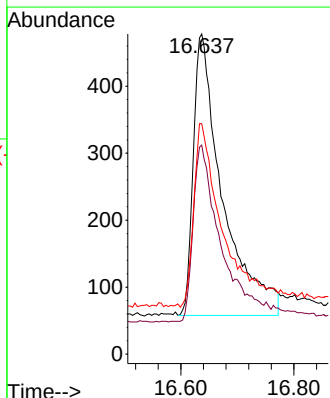
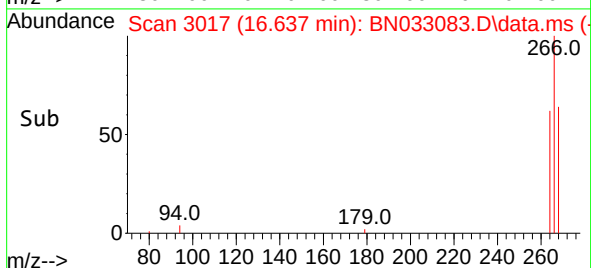
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

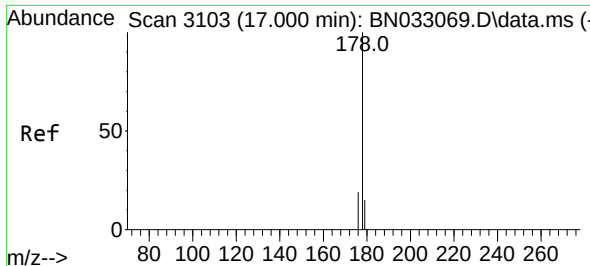


#14
Pentachlorophenol
Concen: 0.531 ng/ul
RT: 16.637 min Scan# 3017
Delta R.T. 0.000 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28



Tgt Ion:266 Resp: 1502
Ion Ratio Lower Upper
266 100
264 61.5 49.3 73.9
268 64.7 51.8 77.8





#15

Phenanthrene

Concen: 0.343 ng/u1

RT: 16.987 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BN033083.D

Acq: 30 Jul 2024 00:28

Instrument :

BNA_N

ClientSampleId :

SLCS262

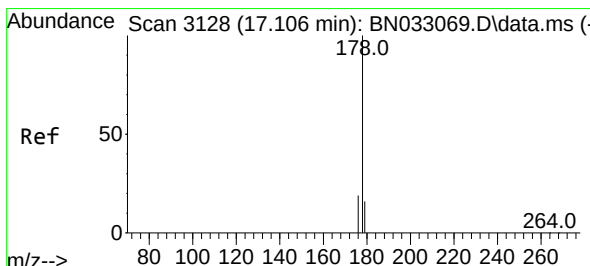
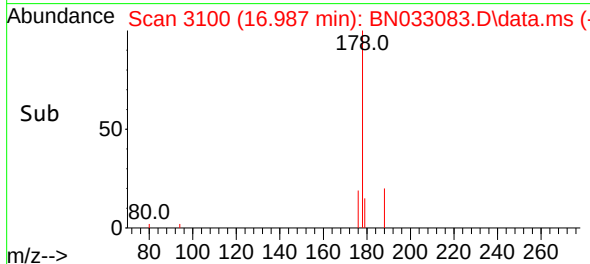
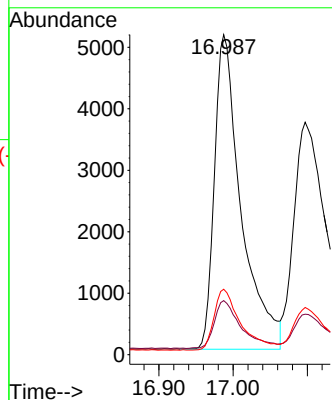
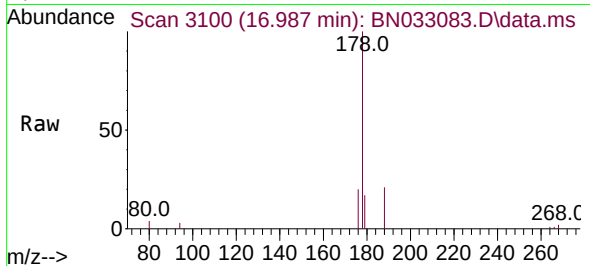
Tgt Ion:	178	Resp:	1277
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.7	20.5
176	20.5	15.9	23.9

Manual Integrations

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Supervised By :mohammad ahmed 07/31/2024



#16

Anthracene

Concen: 0.316 ng/u1

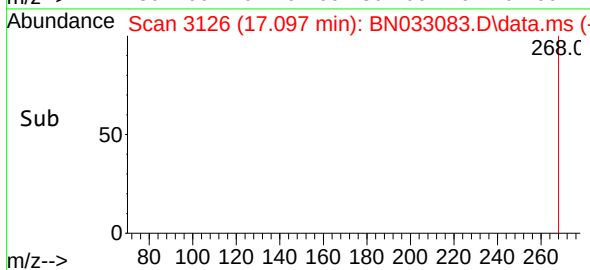
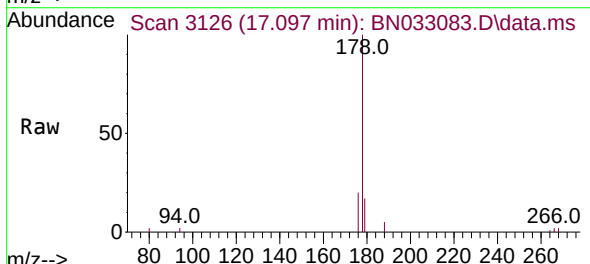
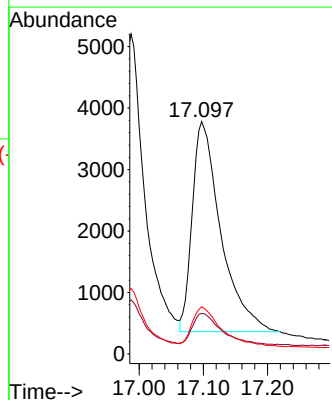
RT: 17.097 min Scan# 3126

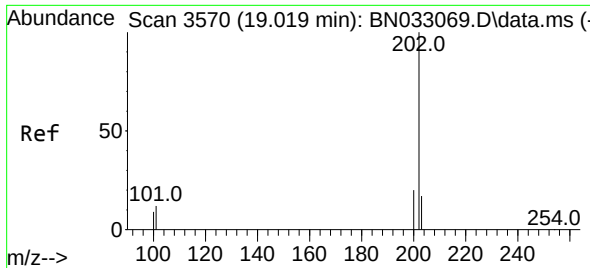
Delta R.T. 0.013 min

Lab File: BN033083.D

Acq: 30 Jul 2024 00:28

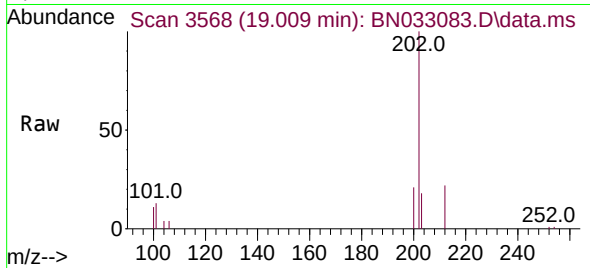
Tgt Ion:	178	Resp:	10574
Ion Ratio	Lower	Upper	
178	100		
179	17.5	14.3	21.5
176	20.3	15.8	23.8





#19
Fluoranthene
Concen: 0.381 ng/u1
RT: 19.009 min Scan# 3568
Delta R.T. -0.005 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28

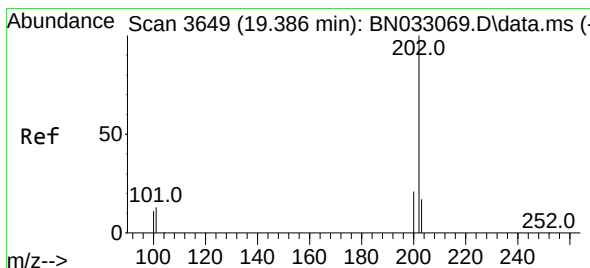
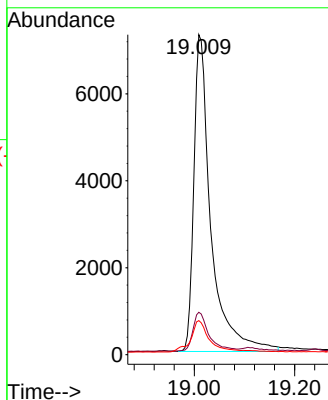
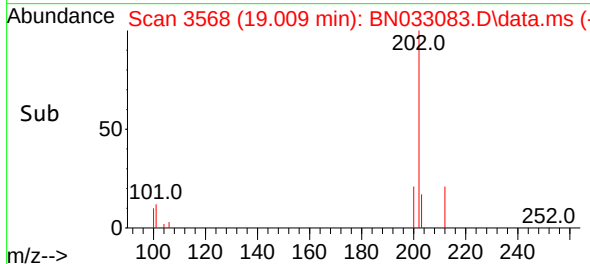
Instrument :
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Tgt Ion:202 Resp: 1717
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.7 8.3 12.5

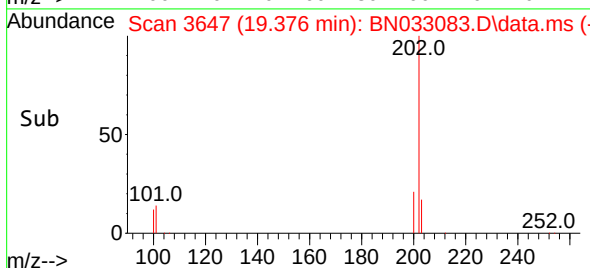
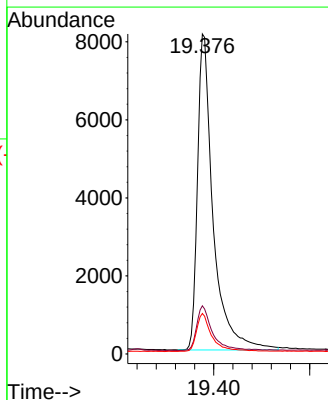
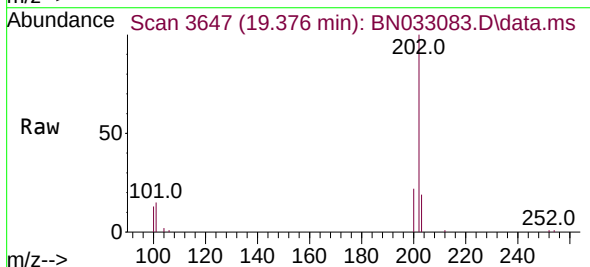
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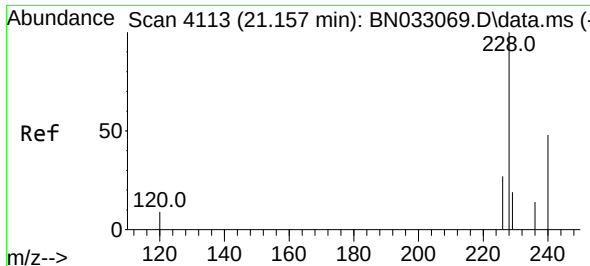
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 0.380 ng/u1
RT: 19.376 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28

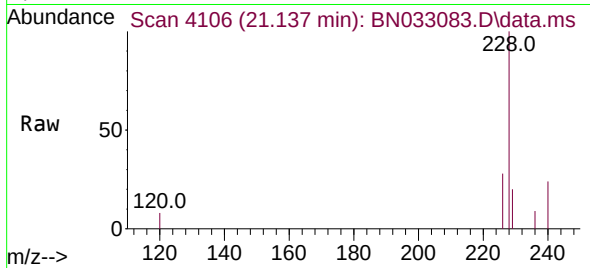
Tgt Ion:202 Resp: 18360
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.6 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.336 ng/u1
RT: 21.137 min Scan# 4113
Delta R.T. -0.009 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28

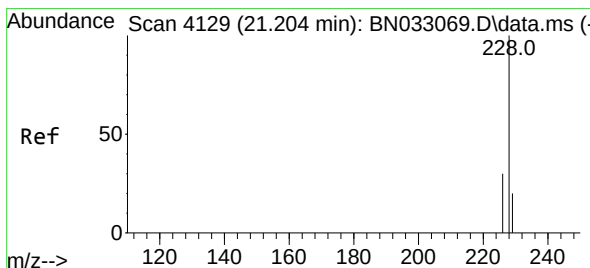
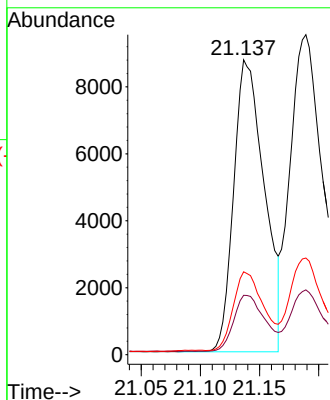
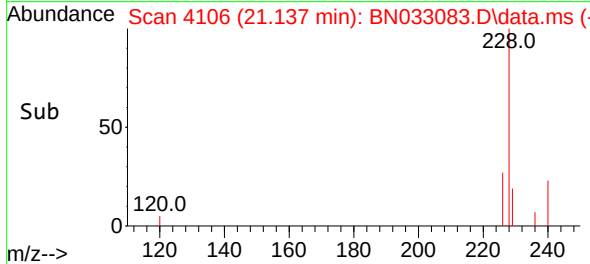
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 15690
Ion Ratio Lower Upper
228 100
229 20.1 17.1 25.7
226 28.1 22.4 33.6

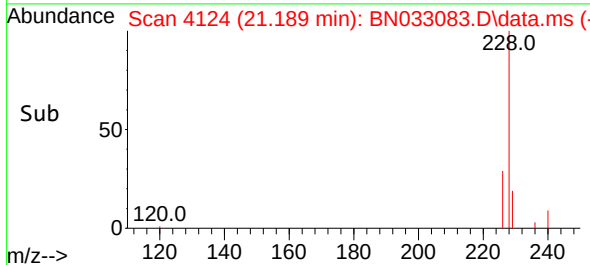
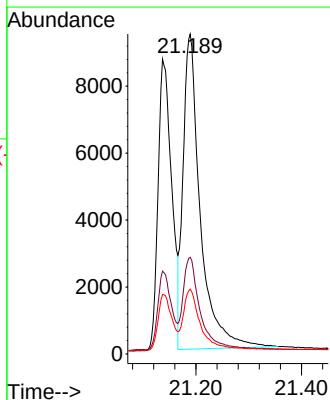
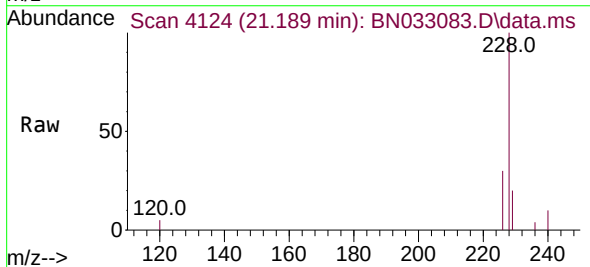
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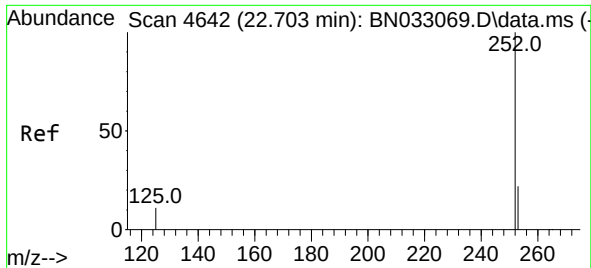
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 0.390 ng/u1
RT: 21.189 min Scan# 4124
Delta R.T. -0.006 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28

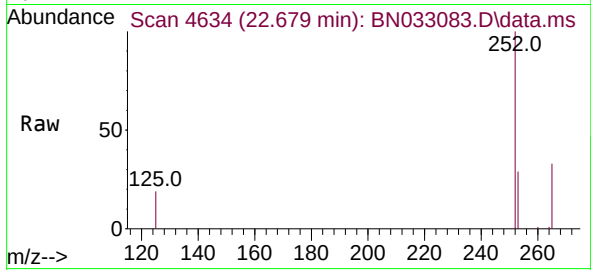
Tgt Ion:228 Resp: 21262
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 20.3 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 22.679 min Scan# 4634
Delta R.T. -0.015 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28

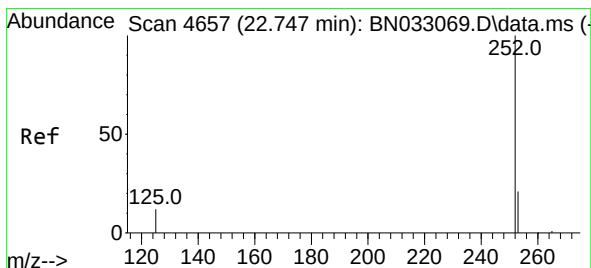
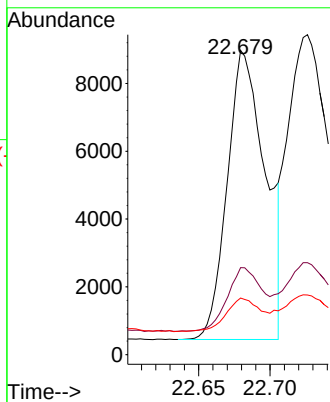
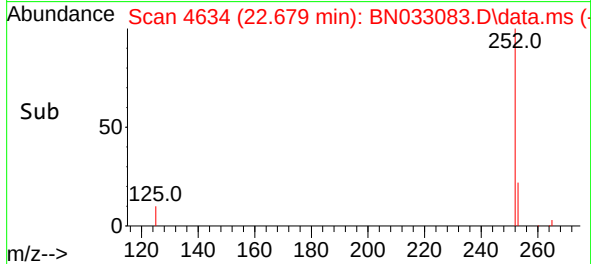
Instrument :
BNA_N
ClientSampleId :
SLCS262



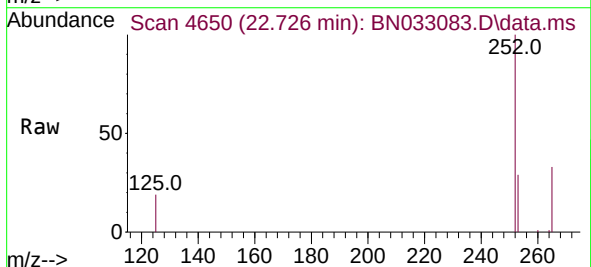
Tgt Ion:252 Resp: 15800
Ion Ratio Lower Upper
252 100
253 28.6 0.0 60.6
125 18.6 0.0 51.0

Manual Integrations
APPROVED

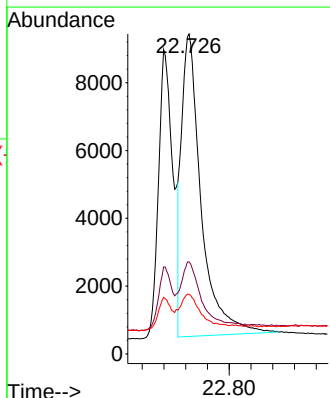
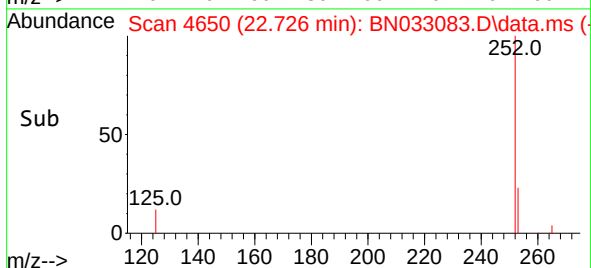
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

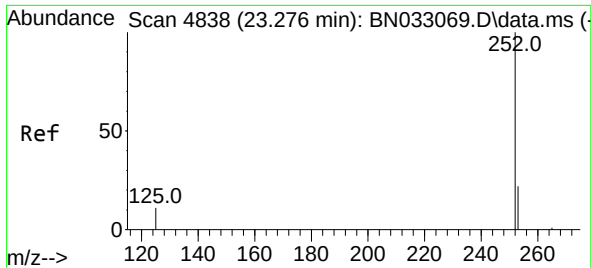


#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 22.726 min Scan# 4650
Delta R.T. -0.009 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28



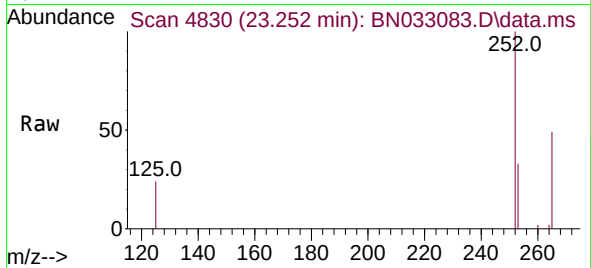
Tgt Ion:252 Resp: 22332
Ion Ratio Lower Upper
252 100
253 28.8 24.9 37.3
125 18.7 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 0.426 ng/ul
RT: 23.252 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28

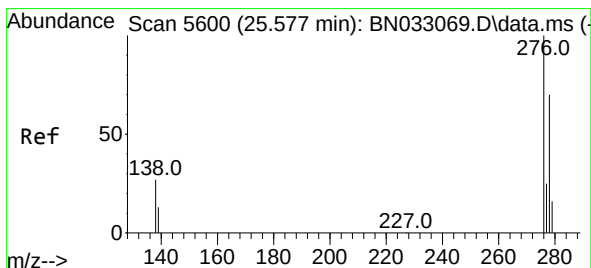
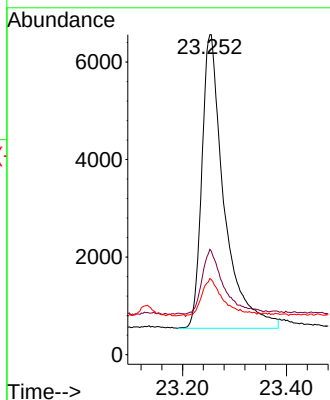
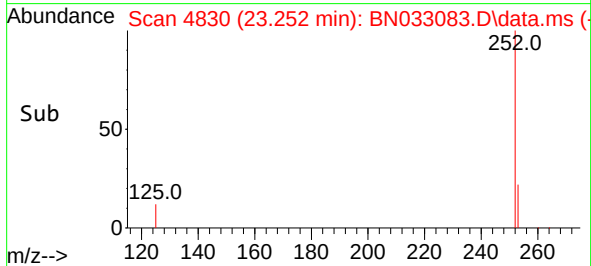
Instrument :
BNA_N
ClientSampleId :
SLCS262



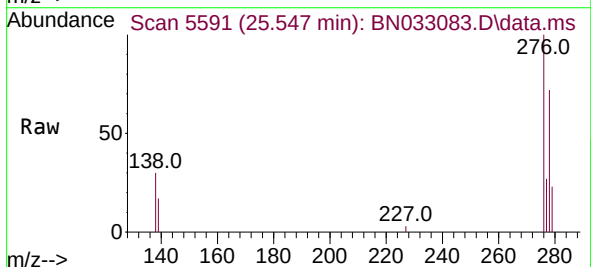
Tgt Ion:252 Resp: 1786
Ion Ratio Lower Upper
252 100
253 32.9 27.5 41.3
125 23.8 27.0 40.6

Manual Integrations
APPROVED

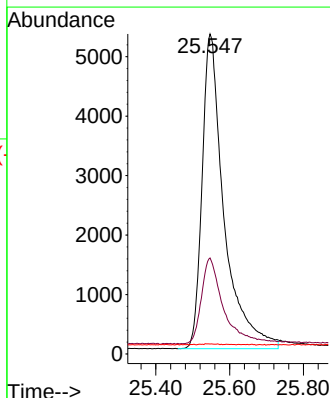
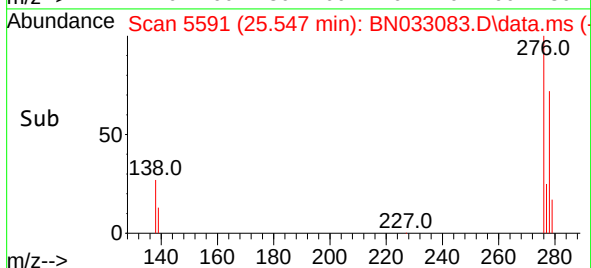
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

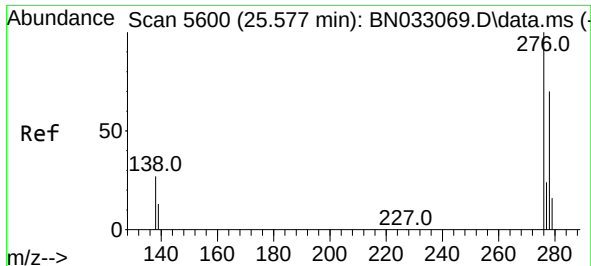


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 25.547 min Scan# 5591
Delta R.T. -0.013 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28



Tgt Ion:276 Resp: 21825
Ion Ratio Lower Upper
276 100
138 27.3 21.8 32.8
227 0.2 0.2 0.2





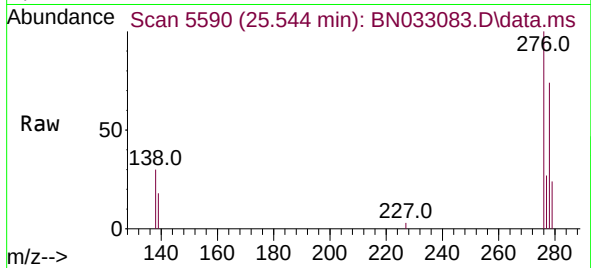
#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 25.544 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28

Instrument :

BNA_N

ClientSampleId :

SLCS262



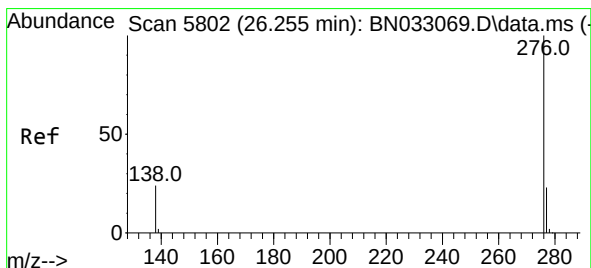
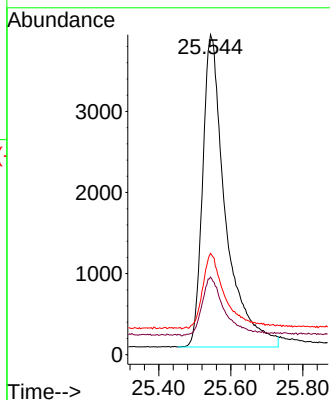
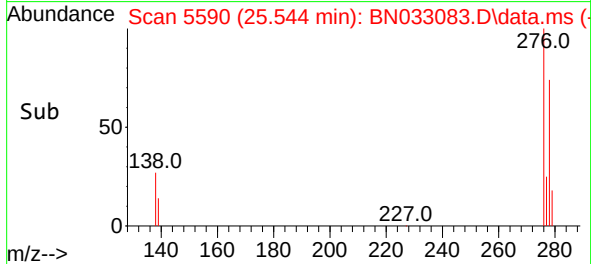
Tgt Ion:278 Resp: 1696
Ion Ratio Lower Upper
278 100
139 24.3 22.5 33.7
279 31.7 25.5 38.3

Manual Integrations

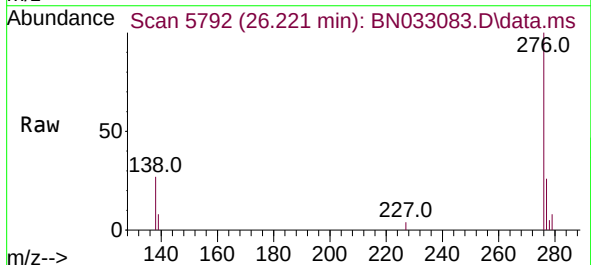
APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 26.221 min Scan# 5792
Delta R.T. -0.020 min
Lab File: BN033083.D
Acq: 30 Jul 2024 00:28



Tgt Ion:276 Resp: 17608
Ion Ratio Lower Upper
276 100
138 27.4 24.6 37.0
277 26.2 22.6 34.0

