

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028779.D
 Acq On : 19 Nov 2023 16:26
 Operator : MA/JU
 Sample : PB157268BS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS268

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 20 02:15:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 20 01:23:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	5780m	0.400	ng/ul	0.06
4) Naphthalene-d8	10.501	136	15800m	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.321	164	10242	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.090	188	14508	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.293	240	12111	0.400	ng/ul	# 0.00
23) Perylene-d12	23.578	264	11869	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	5897m	0.923	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	7675	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	23599	0.606	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	15092m	2.137	ng/ul	
5) Naphthalene	10.545	128	16322	0.369	ng/ul	96
7) 2-Methylnaphthalene	12.184	142	7478	0.256	ng/ul	97
8) 1-Methylnaphthalene	12.365	142	11557	0.390	ng/ul	98
10) Acenaphthylene	14.048	152	20018	0.392	ng/ul	98
11) Acenaphthene	14.381	153	17079	0.454	ng/ul	98
12) Fluorene	15.394	166	15220	0.348	ng/ul	98
14) Pentachlorophenol	16.739	266	2878	0.827	ng/ul	100
15) Phenanthrene	17.128	178	22497	0.505	ng/ul	98
16) Anthracene	17.242	178	13441	0.329	ng/ul	96
19) Fluoranthene	19.145	202	26912	0.522	ng/ul	98
20) Pyrene	19.508	202	30595	0.573	ng/ul	96
21) Benzo(a)anthracene	21.284	228	15823	0.330	ng/ul	98
22) Chrysene	21.331	228	21309	0.455	ng/ul	99
24) Benzo(b)fluoranthene	22.885	252	19307	0.433	ng/ul	86
25) Benzo(k)fluoranthene	22.932	252	23295	0.499	ng/ul#	90
26) Benzo(a)pyrene	23.482	252	19883	0.473	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.927	276	25136	0.539	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.954	278	19020	0.510	ng/ul	95
29) Benzo(g,h,i)perylene	26.628	276	22419	0.586	ng/ul	96

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

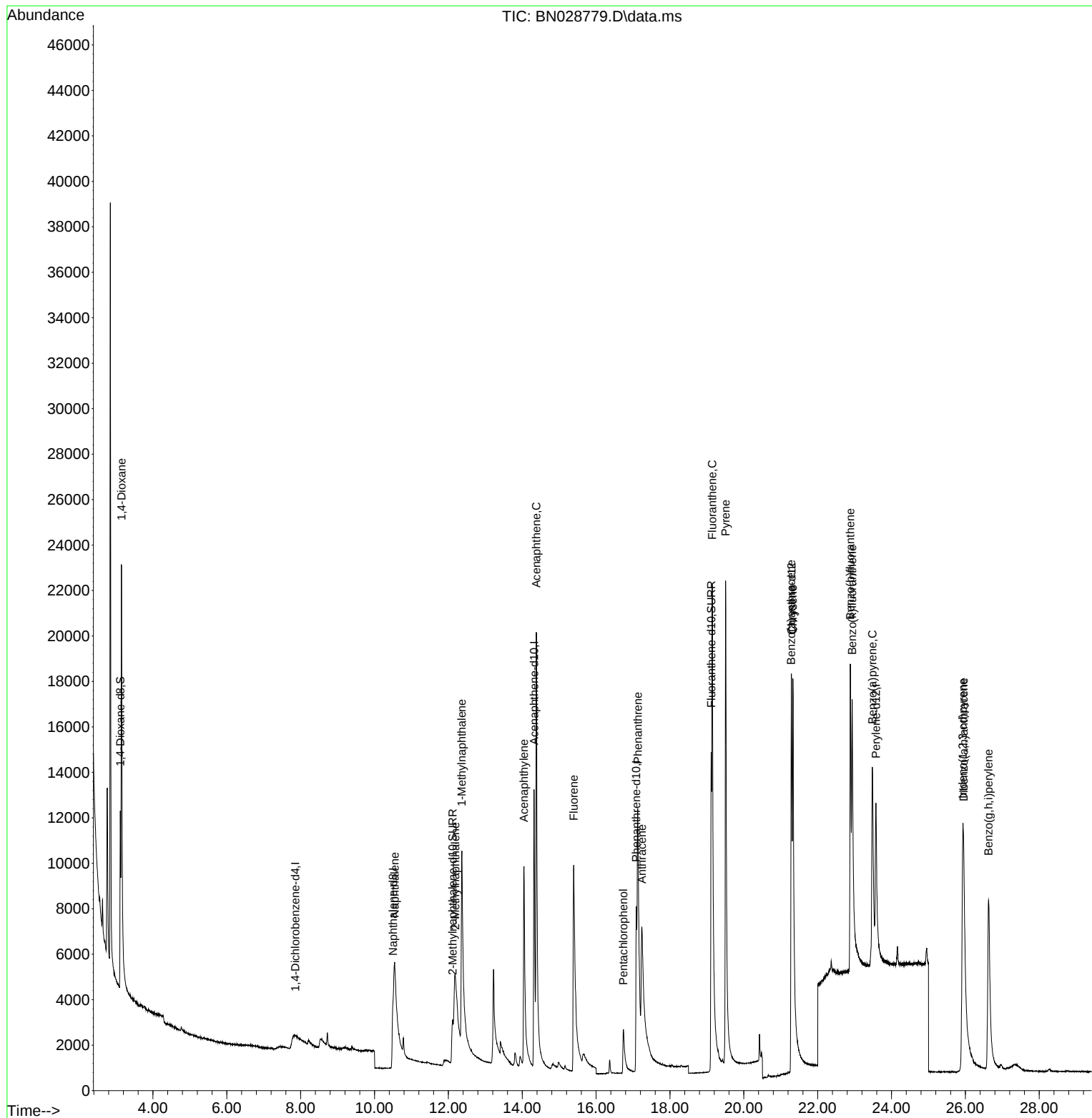
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028779.D
Acq On : 19 Nov 2023 16:26
Operator : MA/JU
Sample : PB157268BS
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ALS Vial : 82 Sample Multiplier: 1

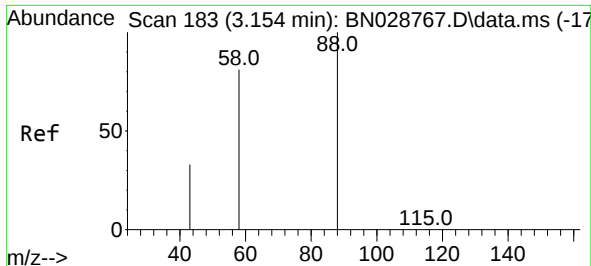
Instrument :
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ClientSampleId :
SLCS268

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Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

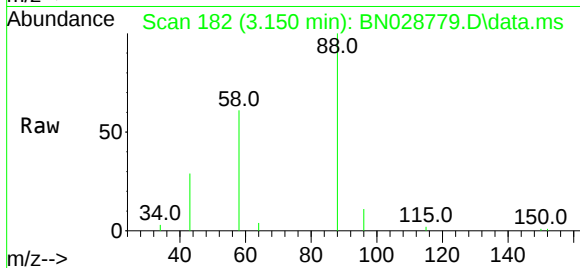
Quant Time: Nov 20 02:15:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 20 01:23:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.137 ng/ul m
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

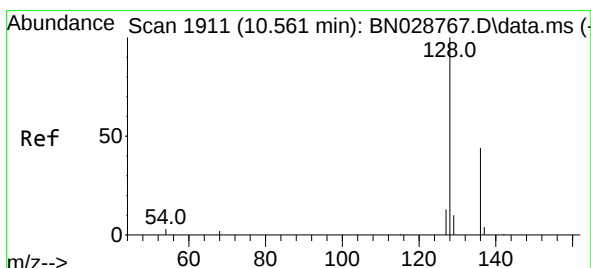
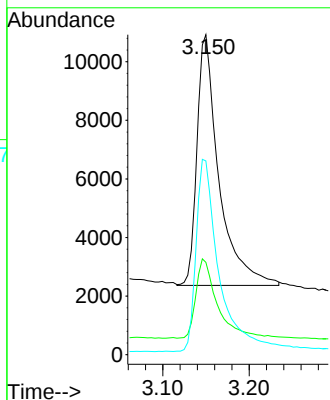
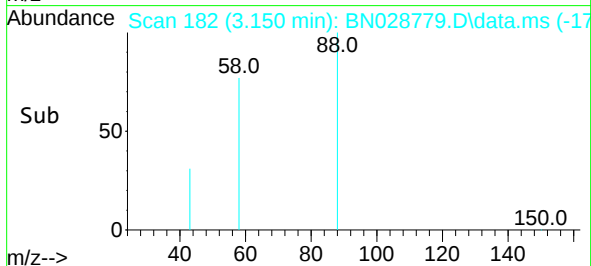
Instrument :
BNA_N
ClientSampleId :
SLCS268



Tgt Ion: 88 Resp: 15092
Ion Ratio Lower Upper
88 100
43 28.9 32.9 49.3
58 60.6 41.8 62.8

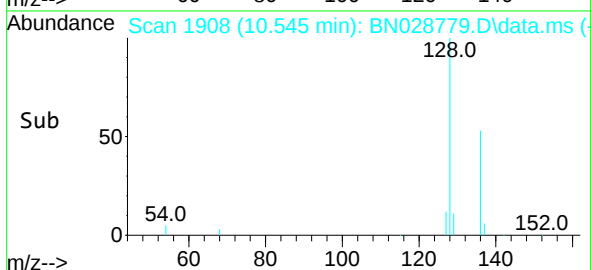
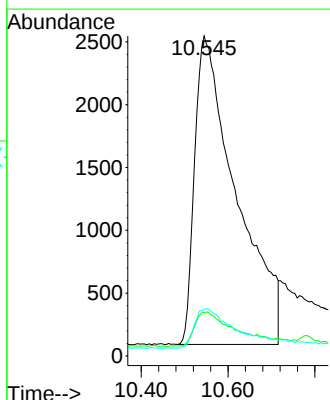
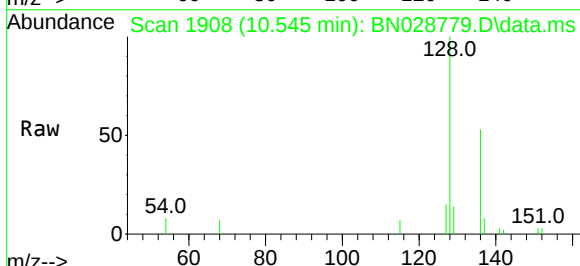
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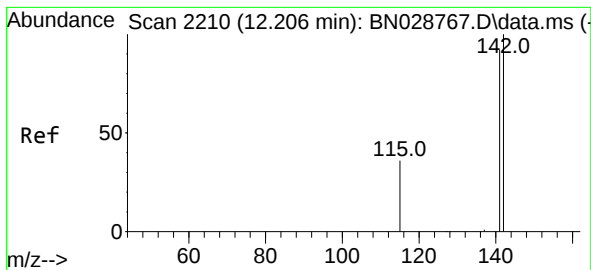
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.545 min Scan# 1908
Delta R.T. 0.011 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

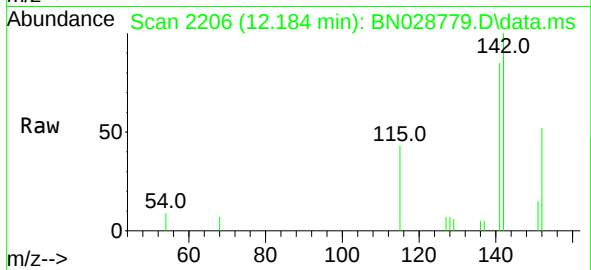
Tgt Ion:128 Resp: 16322
Ion Ratio Lower Upper
128 100
129 13.5 9.2 13.8
127 14.5 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.256 ng/ul
RT: 12.184 min Scan# 2110
Delta R.T. 0.011 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

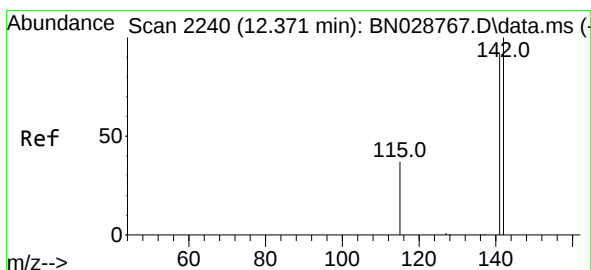
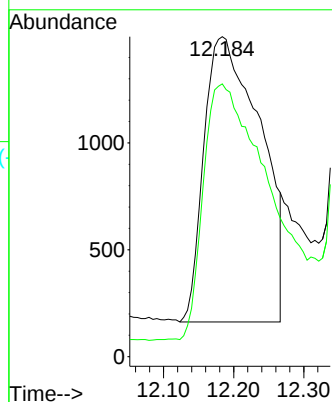
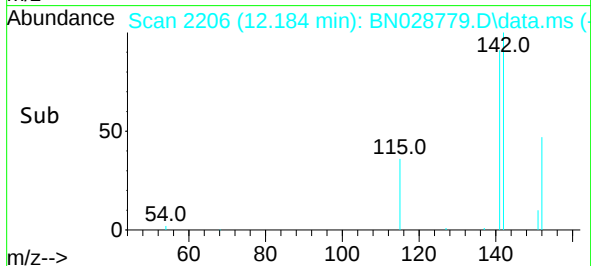
Instrument :
BNA_N
ClientSampleId :
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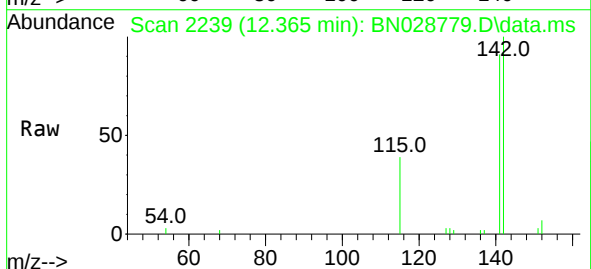
Tgt Ion:142 Resp: 7478
Ion Ratio Lower Upper
142 100
141 91.5 70.8 106.2

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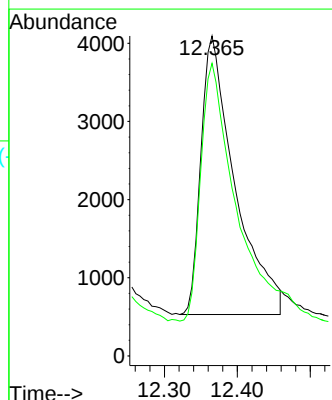
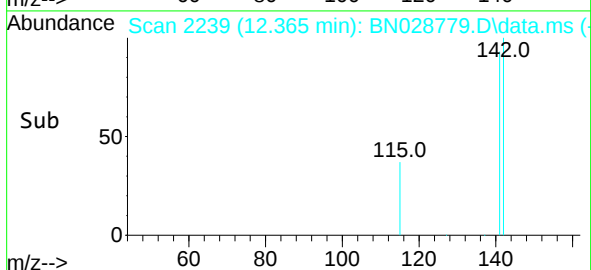
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

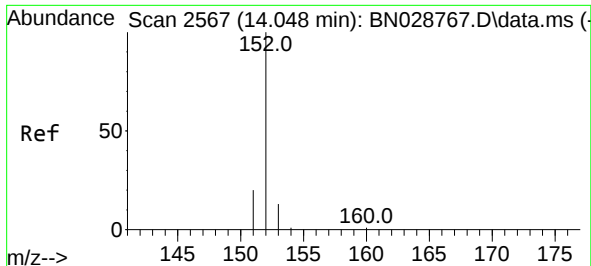


#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.365 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26



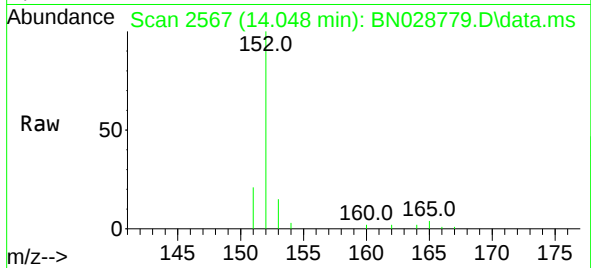
Tgt Ion:142 Resp: 11557
Ion Ratio Lower Upper
142 100
141 94.1 74.1 111.1





#10
Acenaphthylene
Concen: 0.392 ng/ul
RT: 14.048 min Scan# 2567
Delta R.T. -0.005 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

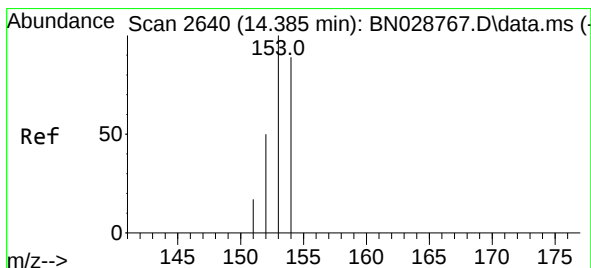
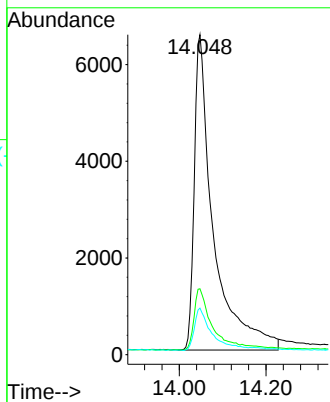
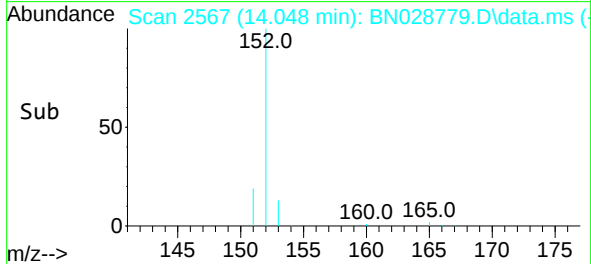
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 20018
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.5 10.6 15.8

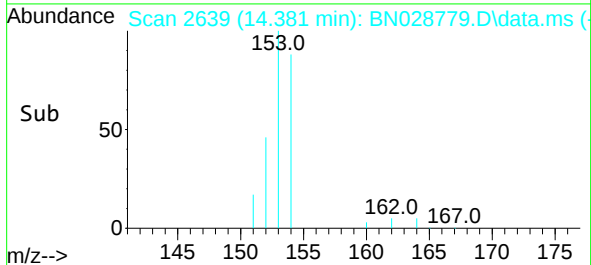
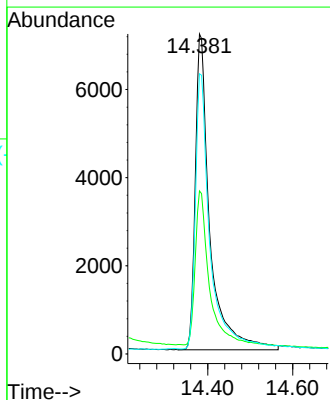
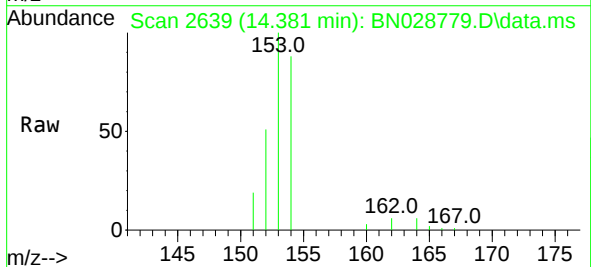
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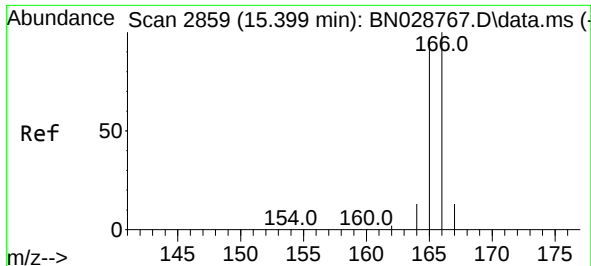
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.454 ng/ul
RT: 14.381 min Scan# 2639
Delta R.T. -0.009 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

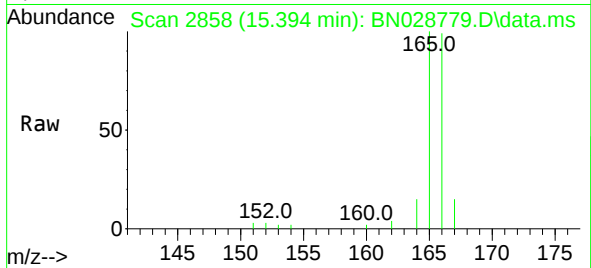
Tgt Ion:153 Resp: 17079
Ion Ratio Lower Upper
153 100
152 51.0 39.6 59.4
154 87.5 71.0 106.6





#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.394 min Scan# 218
Delta R.T. 0.000 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

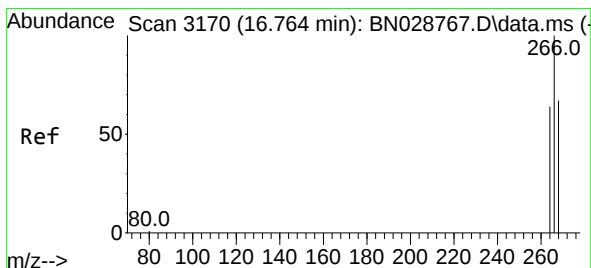
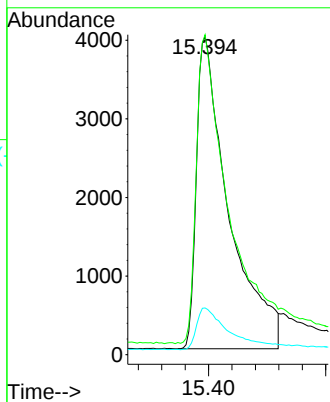
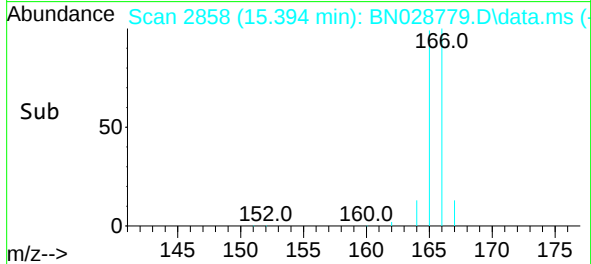
Instrument :
BNA_N
ClientSampleId :
SLCS268



Tgt Ion:166 Resp: 15220
Ion Ratio Lower Upper
166 100
165 100.6 78.6 118.0
167 14.7 11.0 16.6

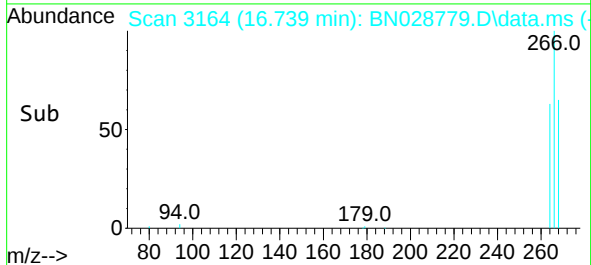
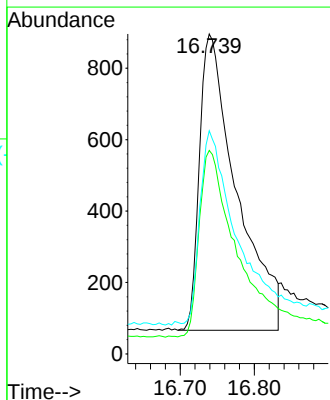
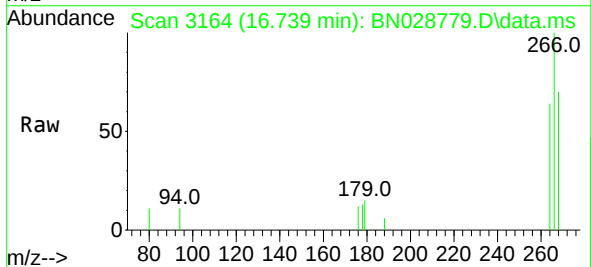
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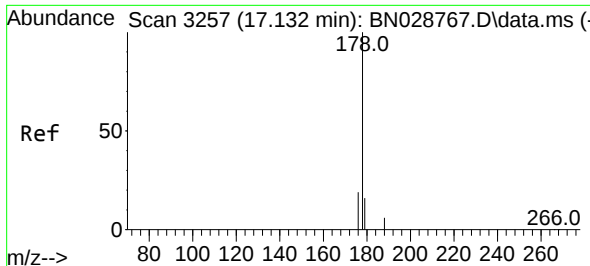
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 0.827 ng/ul
RT: 16.739 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

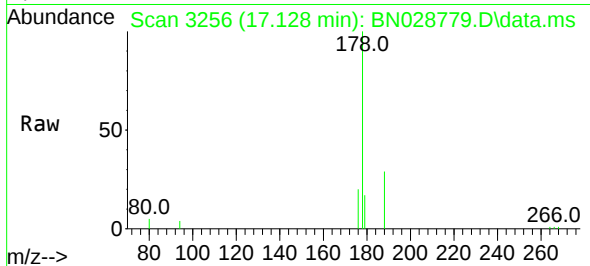
Tgt Ion:266 Resp: 2878
Ion Ratio Lower Upper
266 100
264 62.8 50.1 75.1
268 63.3 50.6 75.8





#15
Phenanthrene
Concen: 0.505 ng/u1
RT: 17.128 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

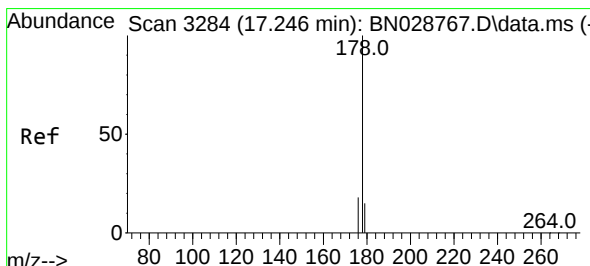
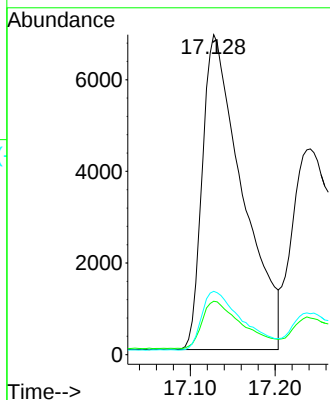
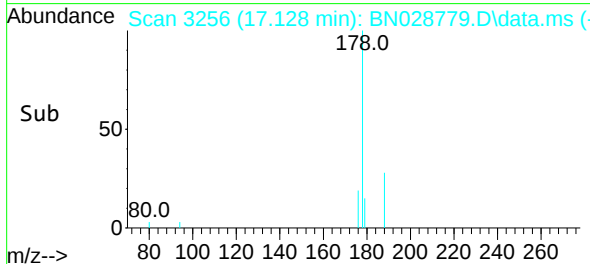
Instrument :
BNA_N
ClientSampleId :
SLCS268



Tgt Ion:178 Resp: 2249
Ion Ratio Lower Upper
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179 16.7 12.4 18.6
176 19.8 15.4 23.2

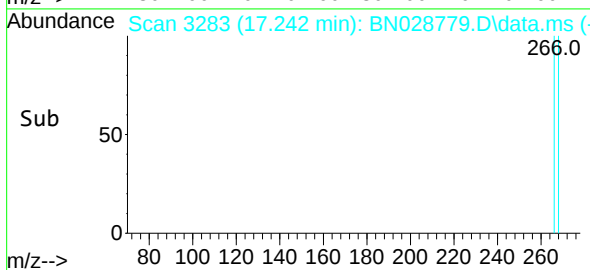
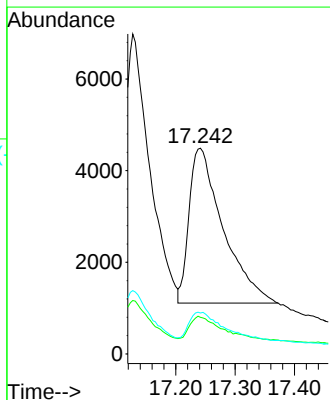
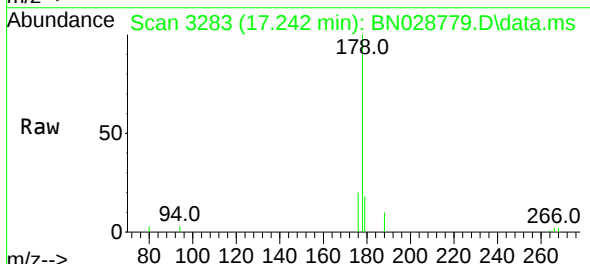
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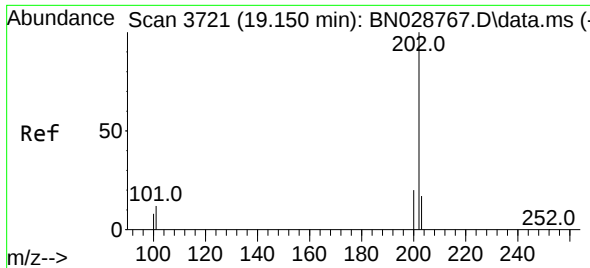
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.329 ng/u1
RT: 17.242 min Scan# 3283
Delta R.T. 0.004 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

Tgt Ion:178 Resp: 13441
Ion Ratio Lower Upper
178 100
179 17.8 12.6 18.8
176 19.9 14.9 22.3





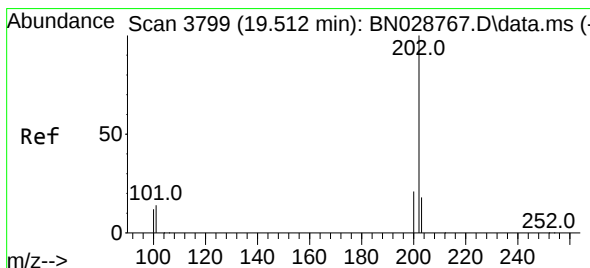
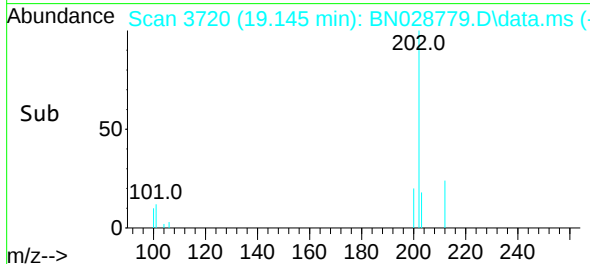
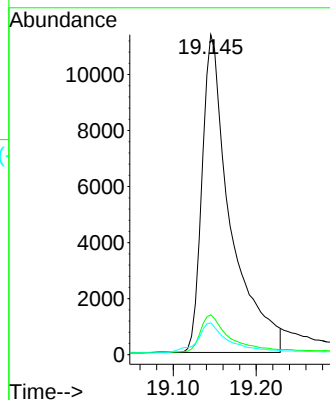
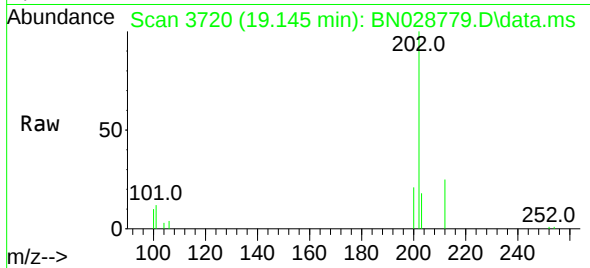
#19
Fluoranthene
Concen: 0.522 ng/u1
RT: 19.145 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

Instrument :
BNA_N
ClientSampleId :
SLCS268

Tgt Ion:202 Resp: 2691
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 10.0 7.2 10.8

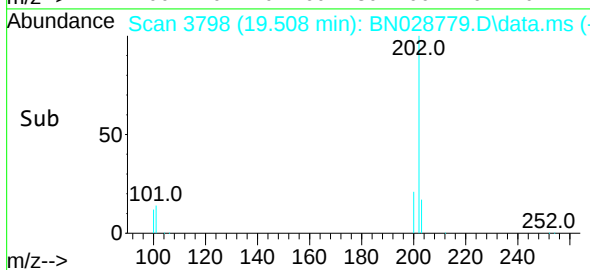
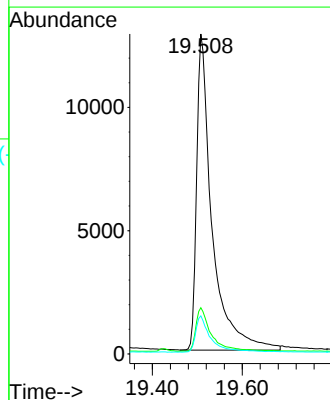
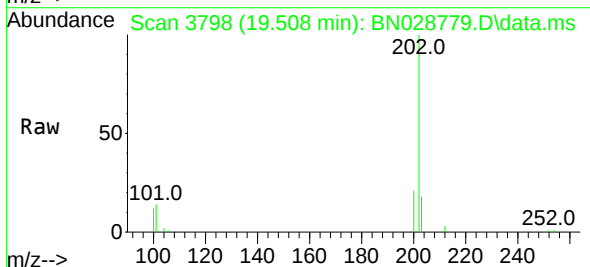
Manual Integrations
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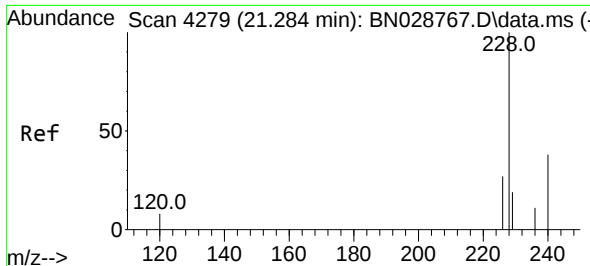
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.573 ng/u1
RT: 19.508 min Scan# 3798
Delta R.T. -0.005 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

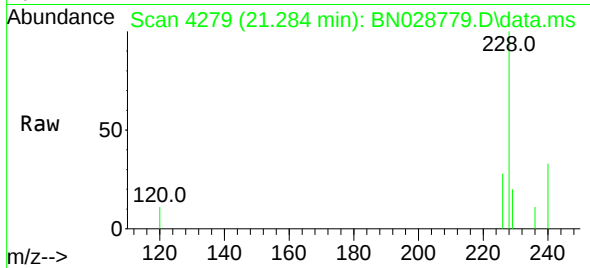
Tgt Ion:202 Resp: 30595
Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 11.9 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.330 ng/u1
RT: 21.284 min Scan# 4279
Delta R.T. 0.003 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

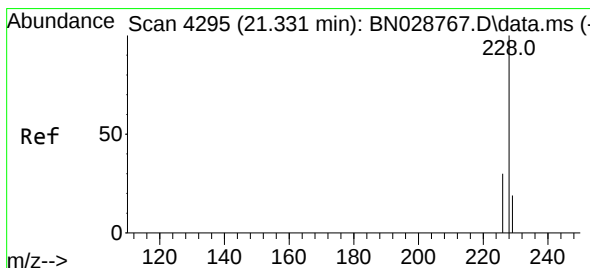
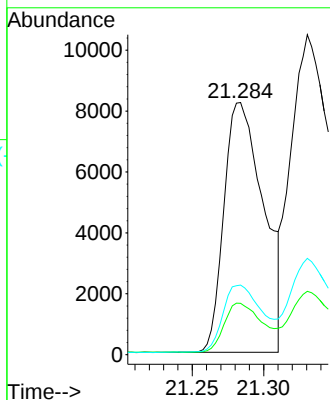
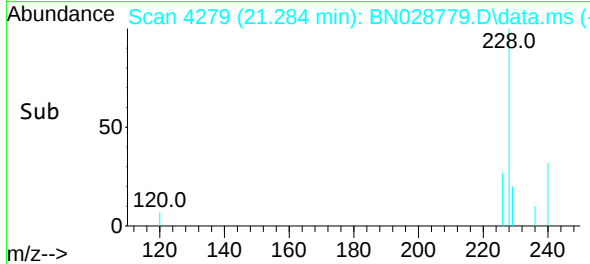
Instrument :
BNA_N
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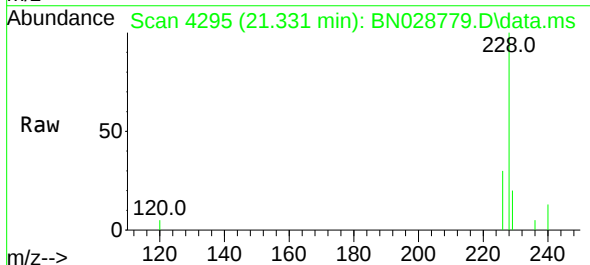
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Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.6 21.4 32.0

Manual Integrations
APPROVED

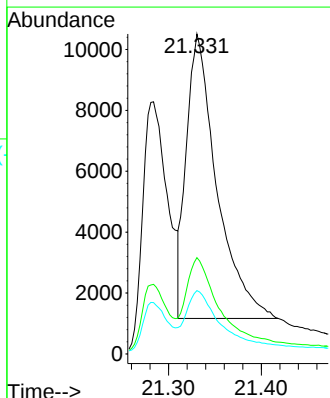
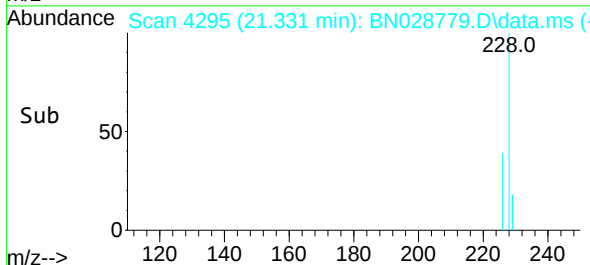
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

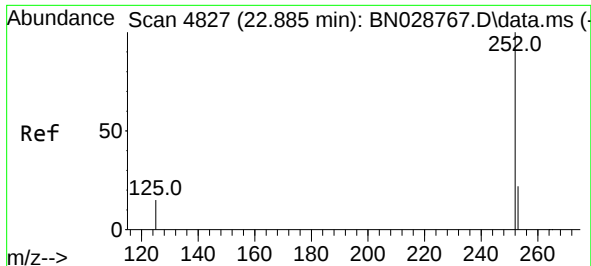


#22
Chrysene
Concen: 0.455 ng/u1
RT: 21.331 min Scan# 4295
Delta R.T. -0.003 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26



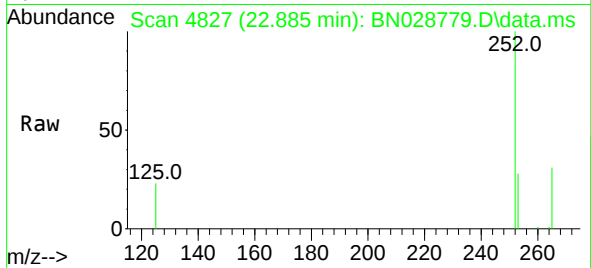
Tgt Ion:228 Resp: 21309
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 19.8 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.433 ng/ul
RT: 22.885 min Scan# 4827
Delta R.T. -0.003 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

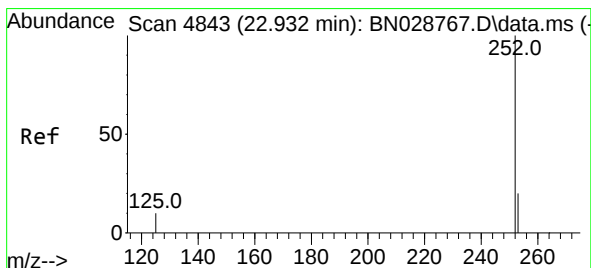
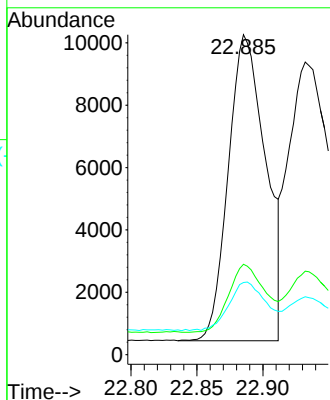
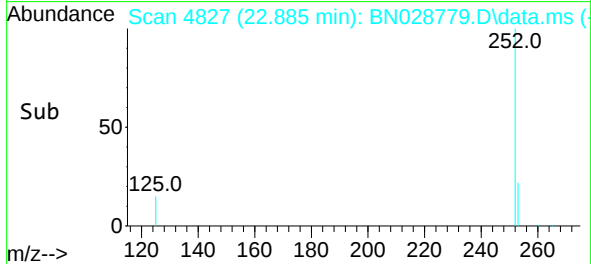
Instrument :
BNA_N
ClientSampleId :
SLCS268



Tgt Ion:252 Resp: 19307
Ion Ratio Lower Upper
252 100
253 28.2 0.0 46.6
125 22.6 0.0 27.6

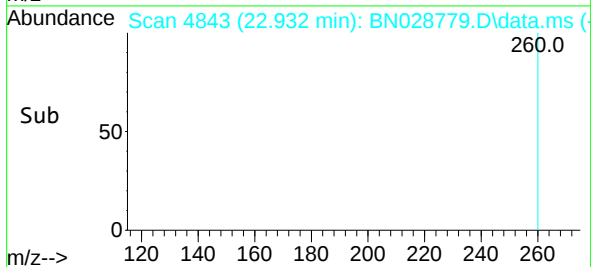
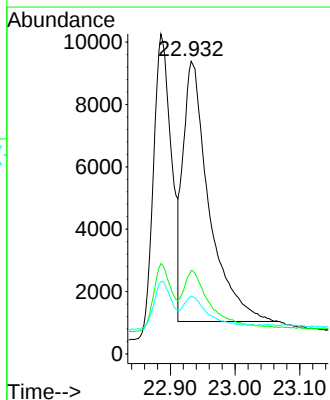
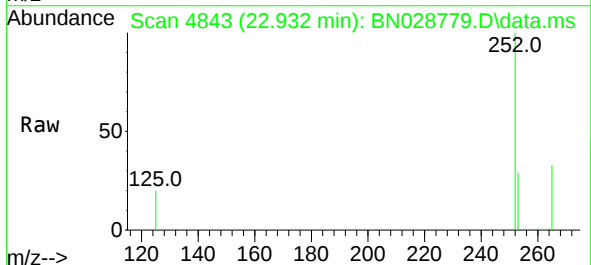
Manual Integrations
APPROVED

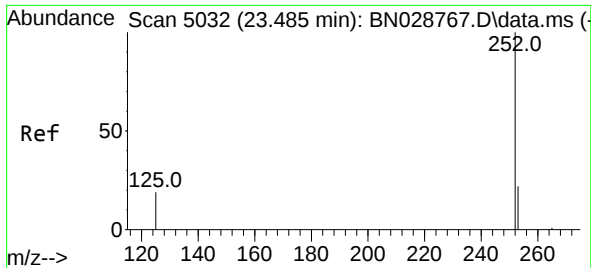
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.499 ng/ul
RT: 22.932 min Scan# 4843
Delta R.T. 0.000 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

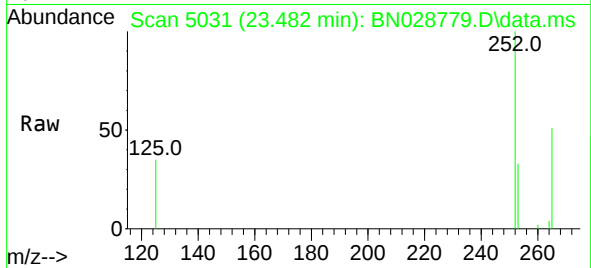
Tgt Ion:252 Resp: 23295
Ion Ratio Lower Upper
252 100
253 28.6 18.6 28.0#
125 19.8 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.473 ng/ul
RT: 23.482 min Scan# 5032
Delta R.T. 0.000 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

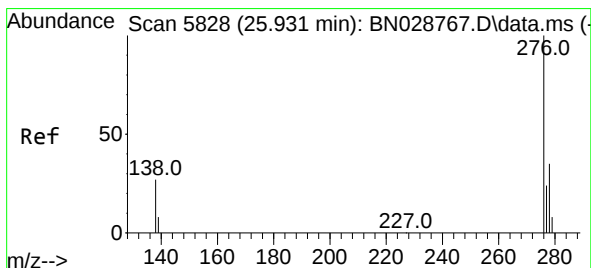
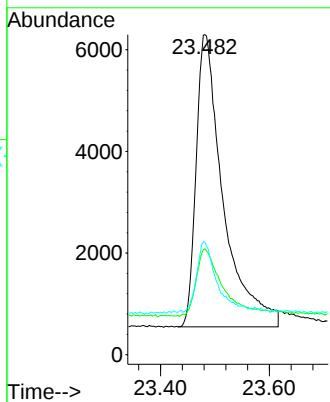
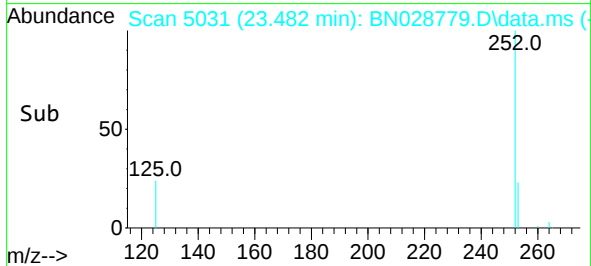
Instrument :
BNA_N
ClientSampleId :
SLCS268



Tgt Ion:252 Resp: 1988
Ion Ratio Lower Upper
252 100
253 33.1 19.0 28.6
125 35.1 13.2 19.8

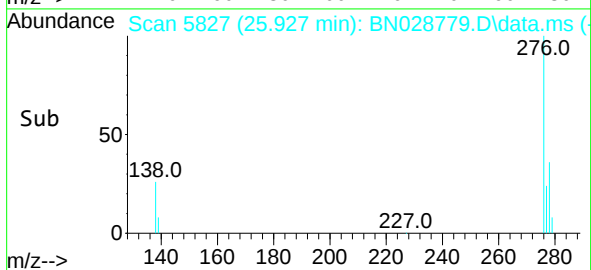
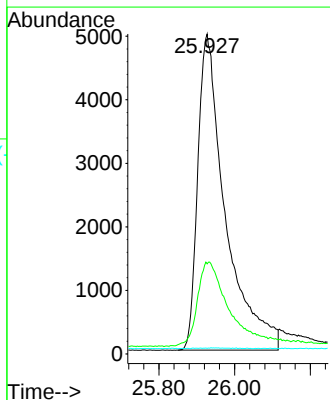
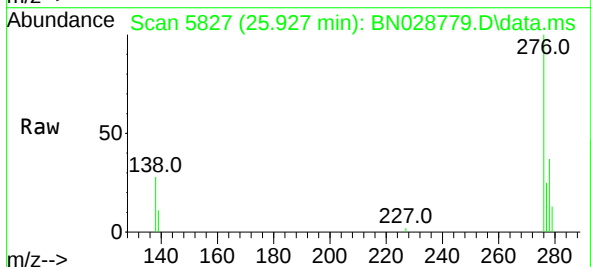
Manual Integrations
APPROVED

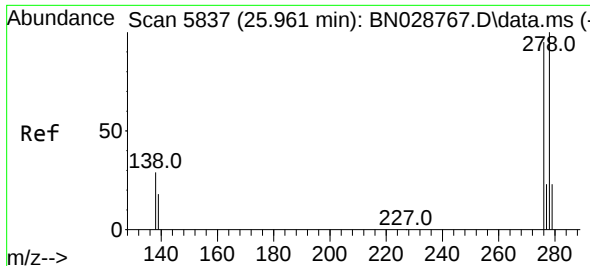
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.539 ng/ul
RT: 25.927 min Scan# 5827
Delta R.T. -0.003 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

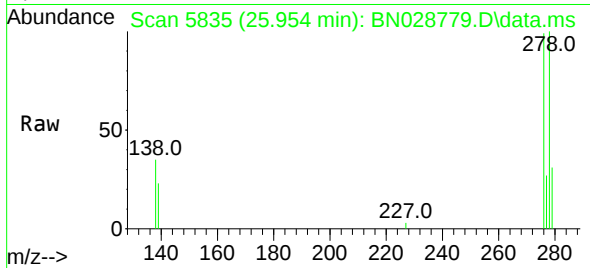
Tgt Ion:276 Resp: 25136
Ion Ratio Lower Upper
276 100
138 30.3 23.8 35.6
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.510 ng/ul
RT: 25.954 min Scan# 5835
Delta R.T. -0.003 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

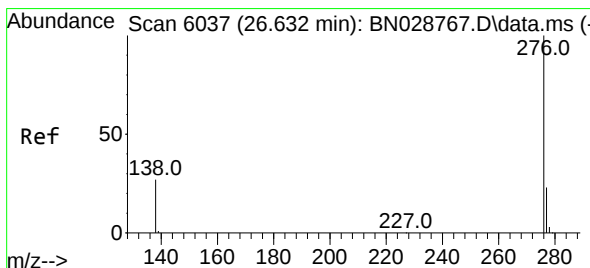
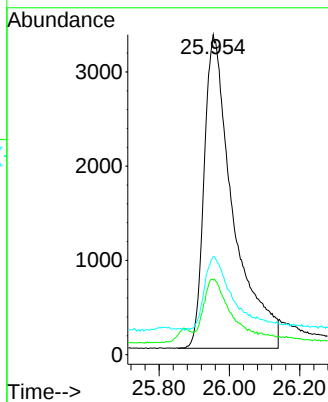
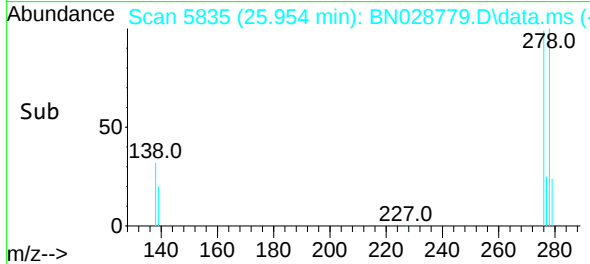
Instrument :
BNA_N
ClientSampleId :
SLCS268



Tgt Ion:278 Resp: 19020
Ion Ratio Lower Upper
278 100
139 23.3 18.2 27.4
279 30.7 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.586 ng/ul
RT: 26.628 min Scan# 6036
Delta R.T. -0.013 min
Lab File: BN028779.D
Acq: 19 Nov 2023 16:26

Tgt Ion:276 Resp: 22419
Ion Ratio Lower Upper
276 100
138 28.3 20.5 30.7
277 25.4 19.4 29.0

