

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027135.D
 Acq On : 26 Aug 2023 01:17
 Operator : MA/JU
 Sample : 04025-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20230814

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 26 02:19:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	6523	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	14985	0.400	ng	# 0.00
13) Acenaphthene-d10	14.704	164	10460	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	23695	0.400	ng	# 0.00
29) Chrysene-d12	21.632	240	20028	0.400	ng	0.00
35) Perylene-d12	24.165	264	19333	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.603	112	1712	0.093	ng	0.00
5) Phenol-d6	7.221	99	1108	0.049	ng	0.00
8) Nitrobenzene-d5	9.272	82	3004	0.237	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	7196	0.302	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	1130	0.203	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	10669	0.275	ng	0.00
27) Fluoranthene-d10	19.476	212	22298	0.367	ng	0.00
31) Terphenyl-d14	20.062	244	17546	0.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.465	88	18654	2.659	ng	95
25) Phenanthrene	17.492	178	2453	0.036	ng	98
26) Anthracene	17.592	178	1863	0.029	ng	98
28) Fluoranthene	19.504	202	4403	0.055	ng	# 96
30) Pyrene	19.871	202	4532	0.059	ng	99
32) Benzo(a)anthracene	21.614	228	3803	0.053	ng	96
33) Chrysene	21.667	228	4133	0.057	ng	97
34) Bis(2-ethylhexyl)phtha...	21.488	149	3609	0.069	ng	96
36) Indeno(1,2,3-cd)pyrene	26.846	276	3865	0.049	ng	96
37) Benzo(b)fluoranthene	23.376	252	4291	0.066	ng	# 54
38) Benzo(k)fluoranthene	23.428	252	4343m	0.065	ng	
39) Benzo(a)pyrene	24.051	252	2974	0.046	ng	# 27
40) Dibenzo(a,h)anthracene	26.878	278	2870	0.046	ng	# 61
41) Benzo(g,h,i)perylene	27.685	276	3584	0.053	ng	# 82

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

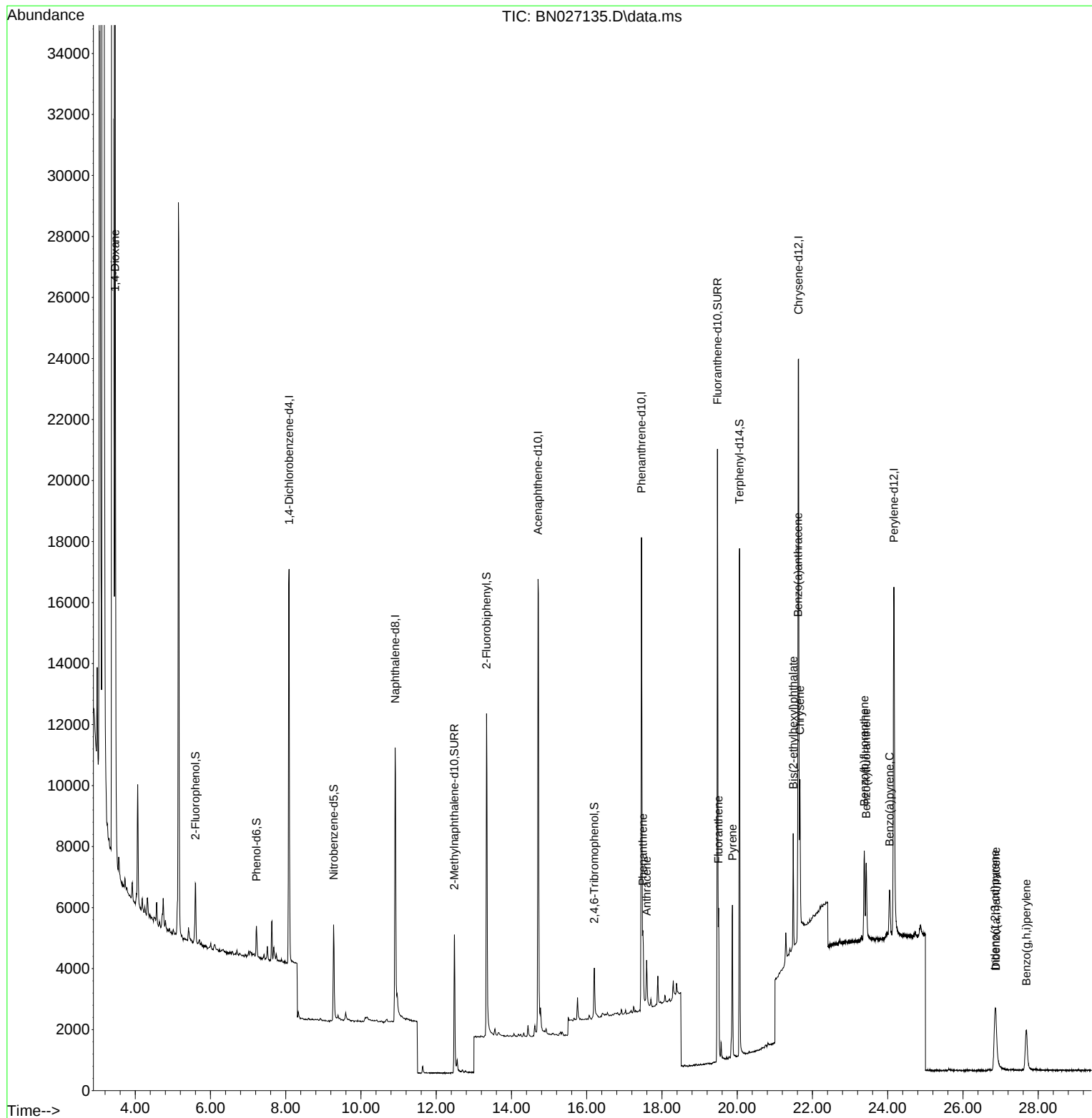
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027135.D
Acq On : 26 Aug 2023 01:17
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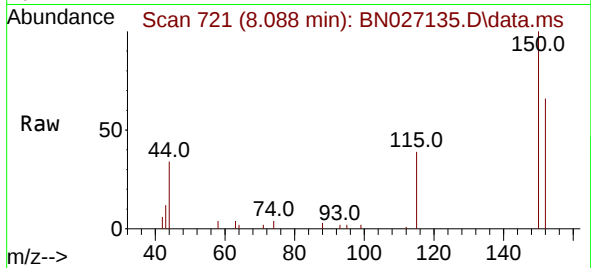
Quant Time: Aug 26 02:19:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.088 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN027135.D
 Acq: 26 Aug 2023 01:17

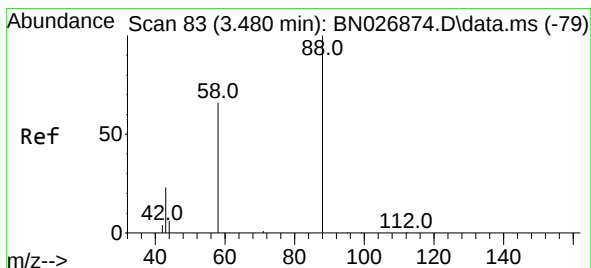
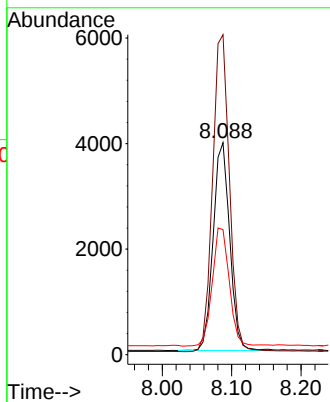
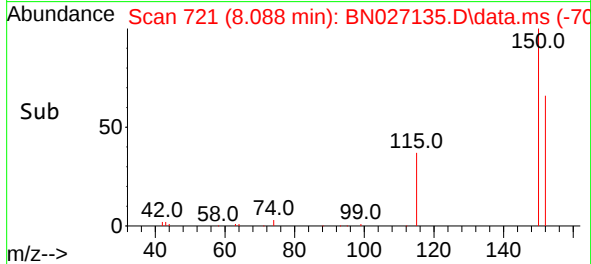
Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20230814



Tgt Ion:152 Resp: 652
 Ion Ratio Lower Upper
 152 100
 150 150.9 123.8 185.6
 115 59.0 49.7 74.5

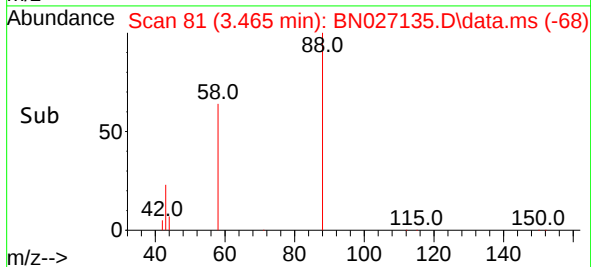
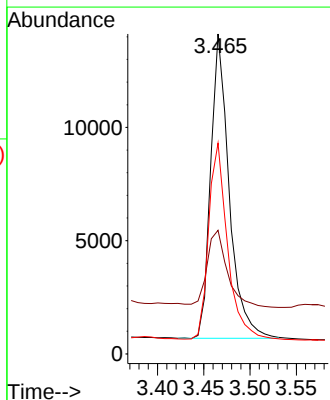
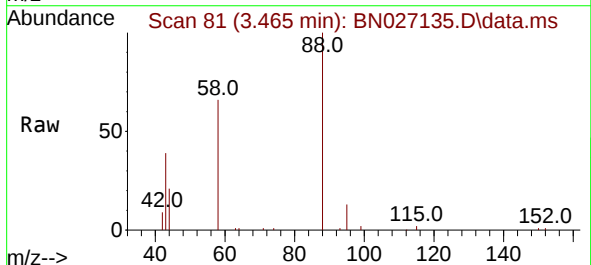
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#2
 1,4-Dioxane
 Concen: 2.659 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027135.D
 Acq: 26 Aug 2023 01:17

Tgt Ion: 88 Resp: 18654
 Ion Ratio Lower Upper
 88 100
 43 28.3 19.2 28.8
 58 65.5 54.5 81.7





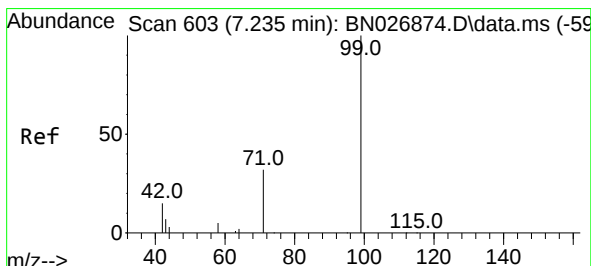
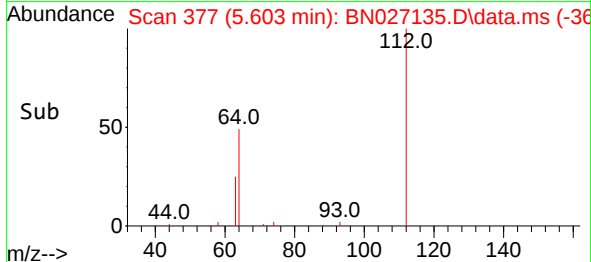
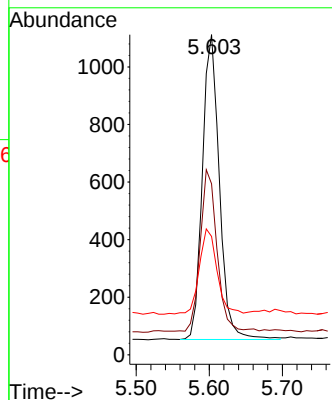
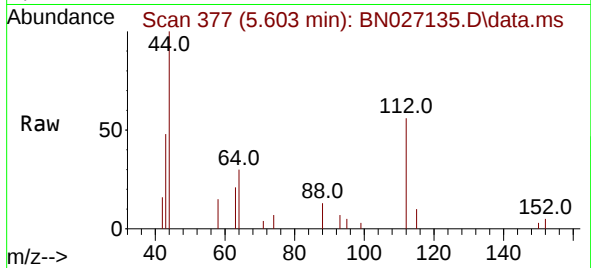
#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.603 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

Instrument :
BNA_N
ClientSampleId :
RE126D2-20230814

Tgt Ion:112 Resp: 171
Ion Ratio Lower Upper
112 100
64 52.0 41.5 62.3
63 29.1 21.7 32.5

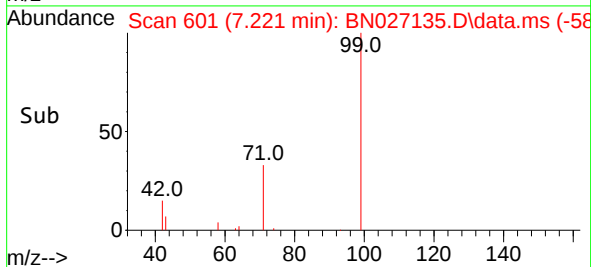
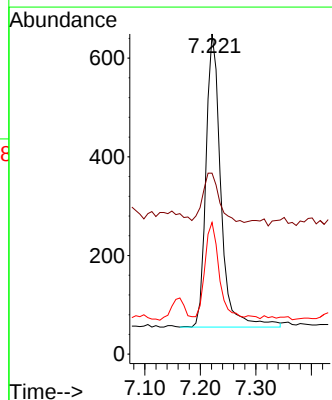
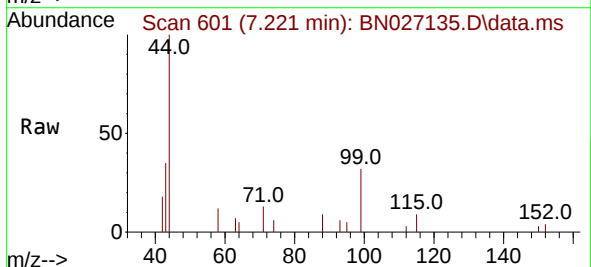
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#5
Phenol-d6
Concen: 0.049 ng
RT: 7.221 min Scan# 601
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

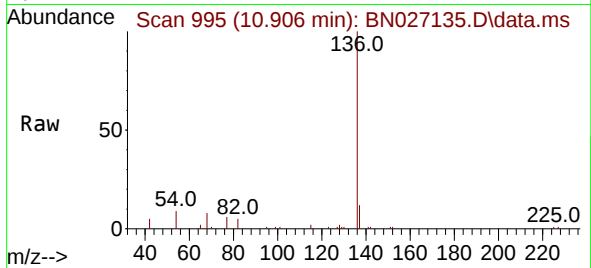
Tgt Ion: 99 Resp: 1108
Ion Ratio Lower Upper
99 100
42 19.5 13.6 20.4
71 29.7 26.0 39.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

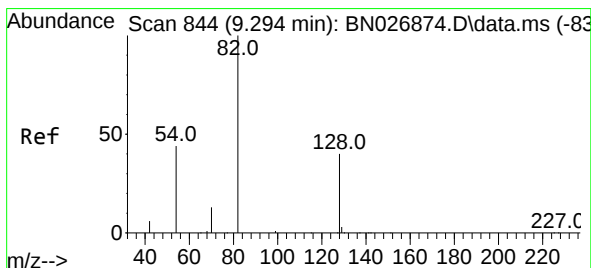
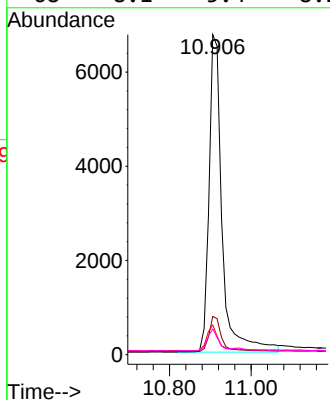
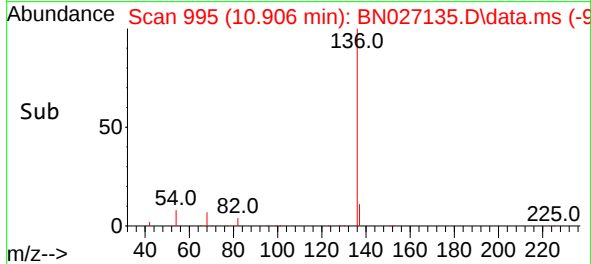
Instrument :
BNA_N
ClientSampleId :
RE126D2-20230814



Tgt Ion:136 Resp: 1498
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.6
54 9.3 5.5 8.3
68 8.1 5.4 8.2

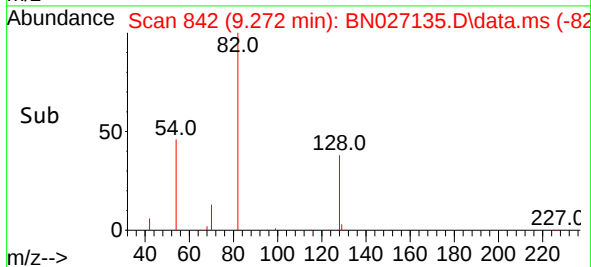
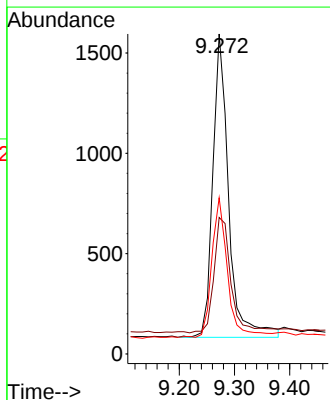
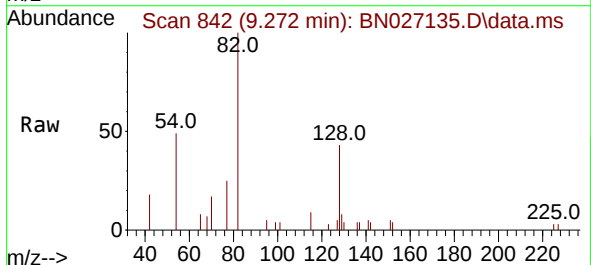
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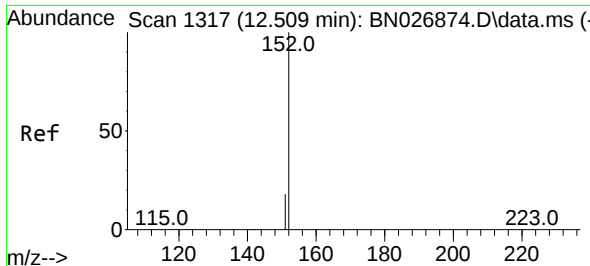
Reviewed By :Yogesh Patel 08/26/2023
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#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 9.272 min Scan# 842
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

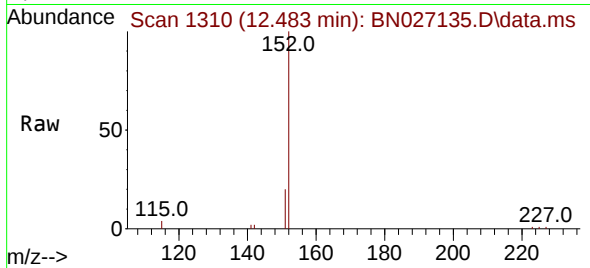
Tgt Ion: 82 Resp: 3004
Ion Ratio Lower Upper
82 100
128 42.6 34.1 51.1
54 48.8 37.0 55.4





#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

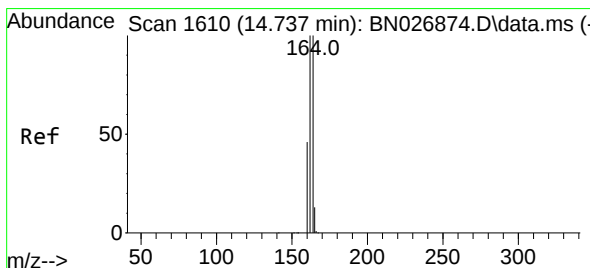
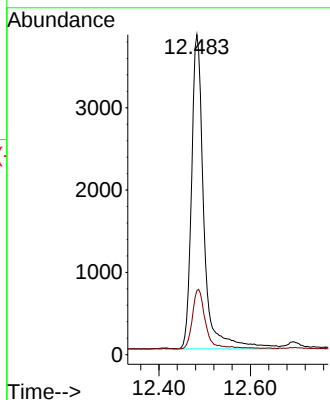
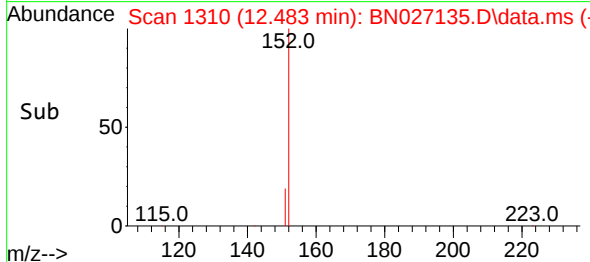
Instrument :
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ClientSampleId :
RE126D2-20230814



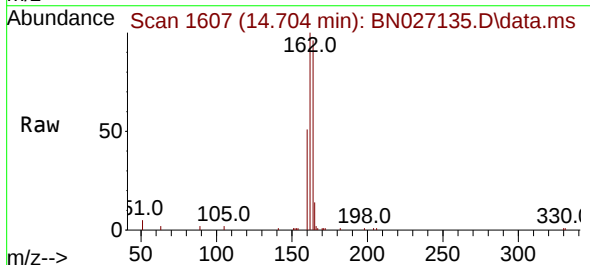
Tgt Ion:152 Resp: 7190
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5

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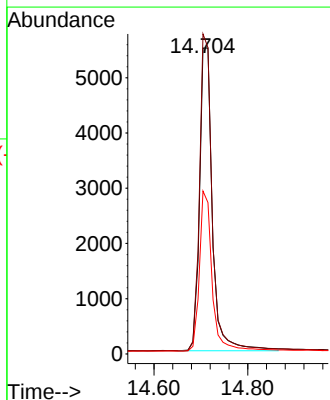
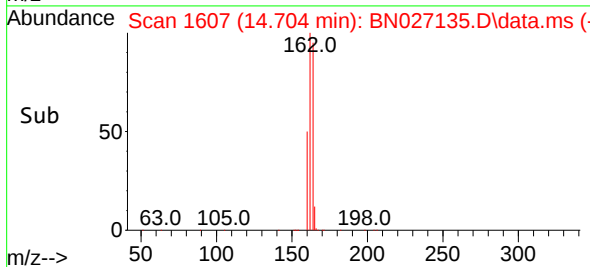
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

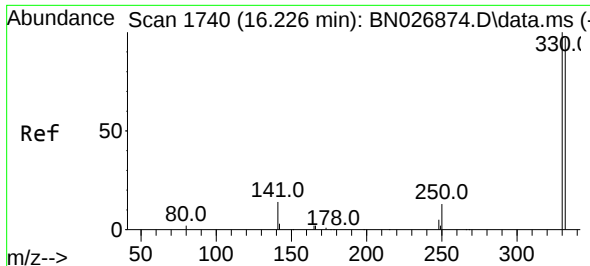


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.704 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17



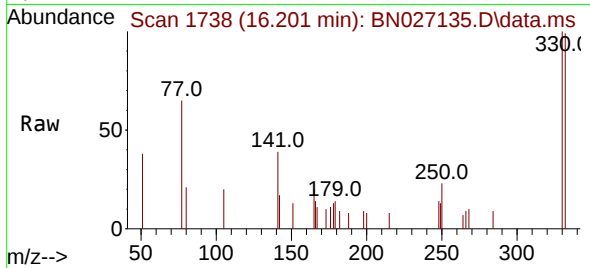
Tgt Ion:164 Resp: 10460
Ion Ratio Lower Upper
164 100
162 104.6 79.7 119.5
160 53.2 37.4 56.0





#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 16.201 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

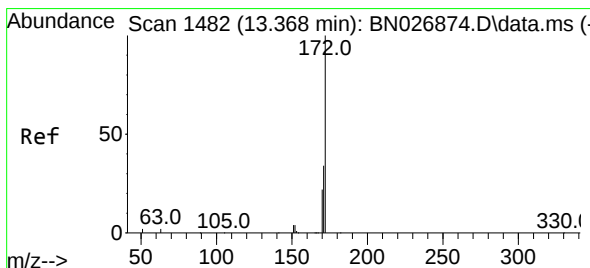
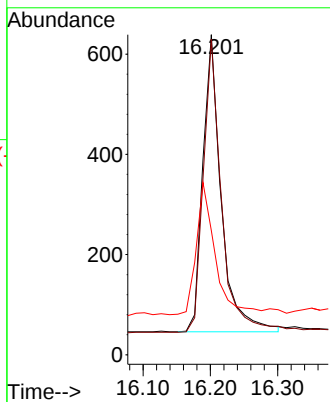
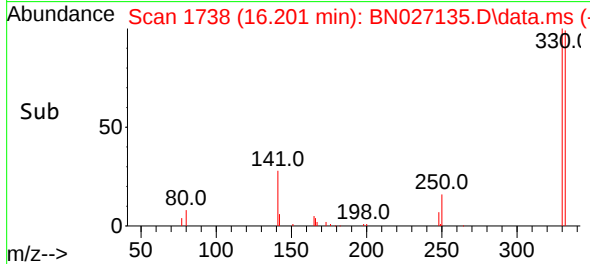
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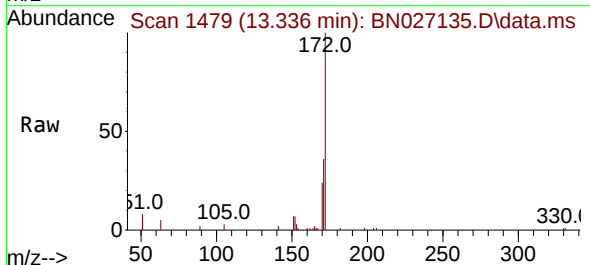
Tgt Ion:330 Resp: 1130
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 46.6 32.3 48.5

Manual Integrations
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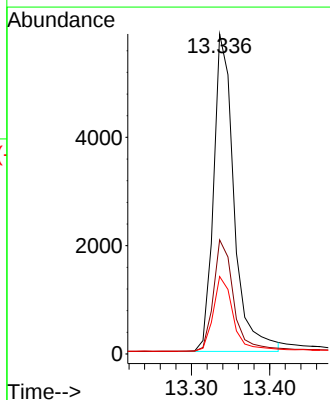
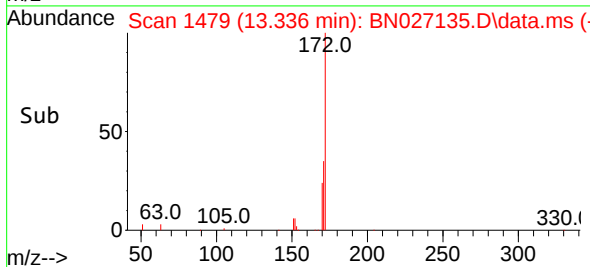
Reviewed By :Yogesh Patel 08/26/2023
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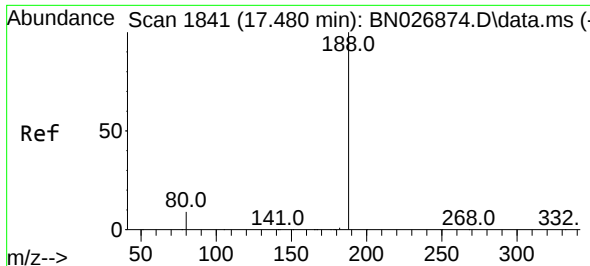


#15
2-Fluorobiphenyl
Concen: 0.275 ng
RT: 13.336 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17



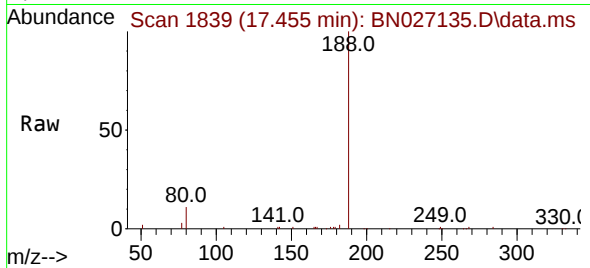
Tgt Ion:172 Resp: 10669
Ion Ratio Lower Upper
172 100
171 35.7 27.4 41.0
170 24.2 18.0 27.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

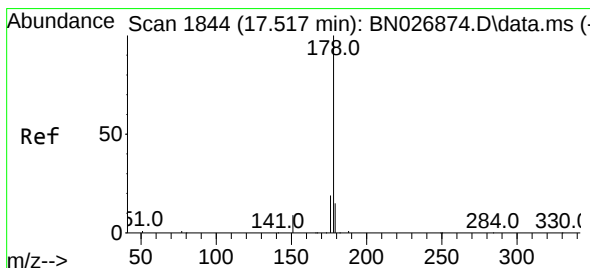
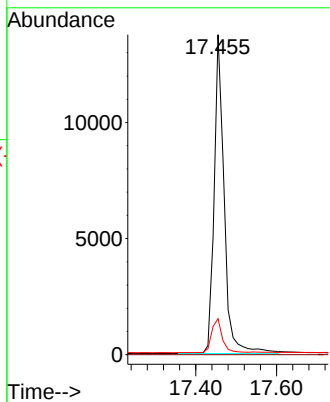
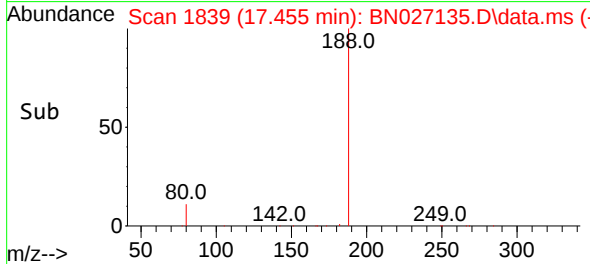
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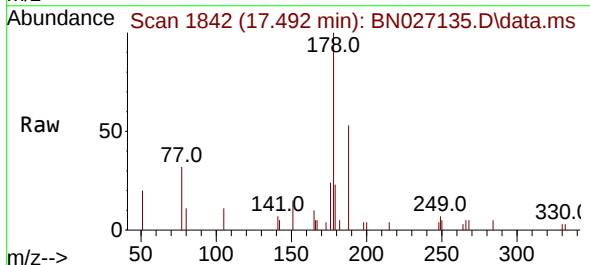
Tgt Ion:188 Resp: 2369
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.4 11.2

Manual Integrations
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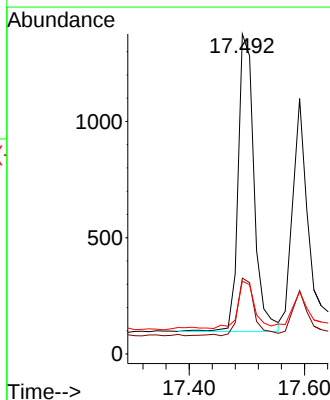
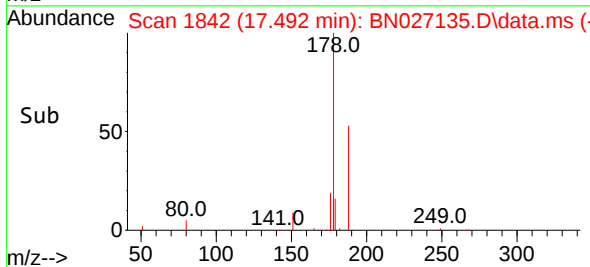
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

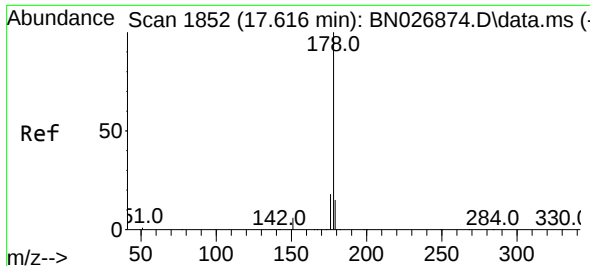


#25
Phenanthrene
Concen: 0.036 ng
RT: 17.492 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17



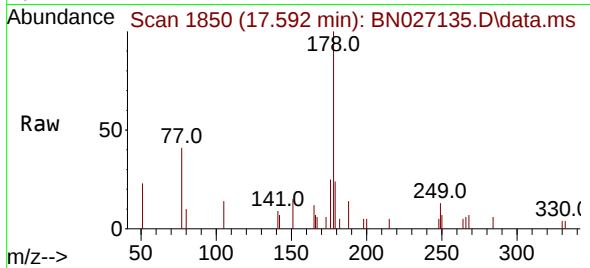
Tgt Ion:178 Resp: 2453
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 16.5 12.2 18.4





#26
 Anthracene
 Concen: 0.029 ng
 RT: 17.592 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BN027135.D
 Acq: 26 Aug 2023 01:17

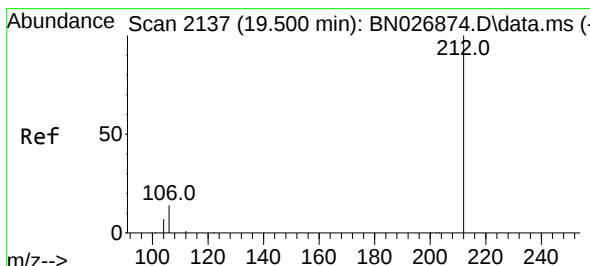
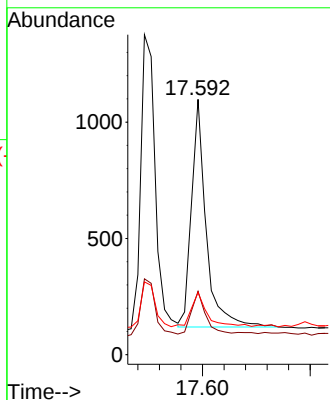
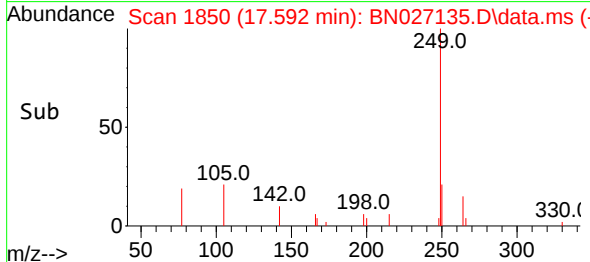
Instrument :
 BNA_N
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 RE126D2-20230814



Tgt Ion:178 Resp: 1861
 Ion Ratio Lower Upper
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 176 17.8 14.8 22.2
 179 16.0 12.1 18.1

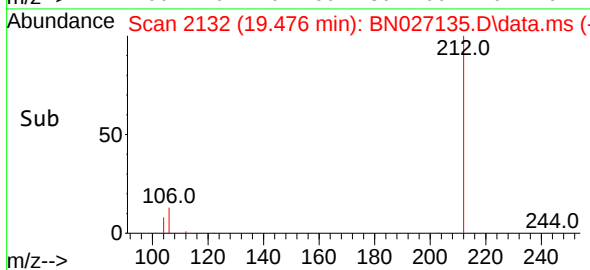
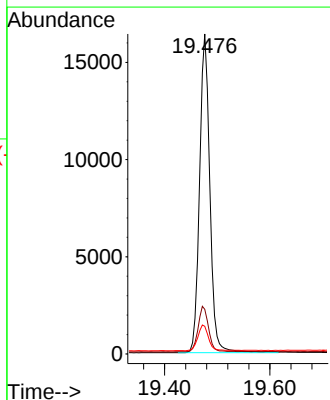
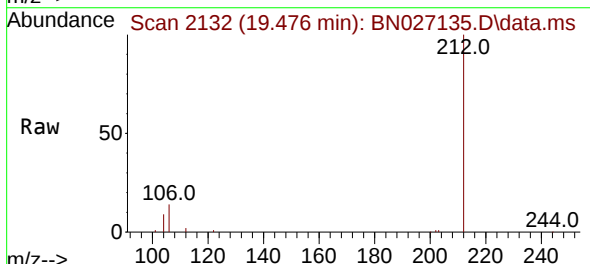
Manual Integrations
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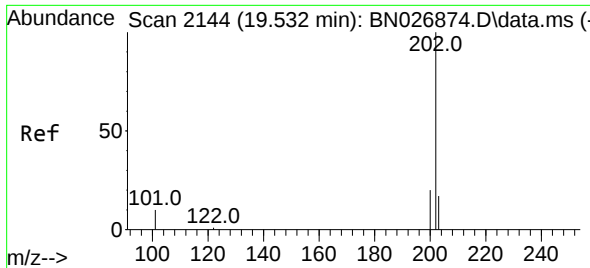
Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023



#27
 Fluoranthene-d10
 Concen: 0.367 ng
 RT: 19.476 min Scan# 2132
 Delta R.T. -0.000 min
 Lab File: BN027135.D
 Acq: 26 Aug 2023 01:17

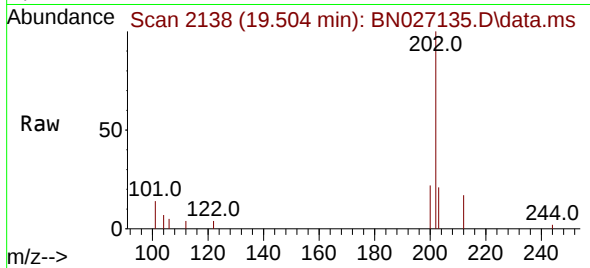
Tgt Ion:212 Resp: 22298
 Ion Ratio Lower Upper
 212 100
 106 14.4 10.9 16.3
 104 8.4 5.9 8.9





#28
Fluoranthene
Concen: 0.055 ng
RT: 19.504 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

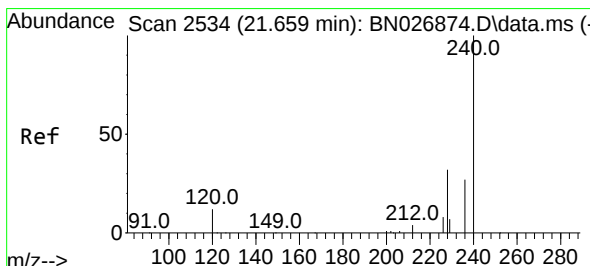
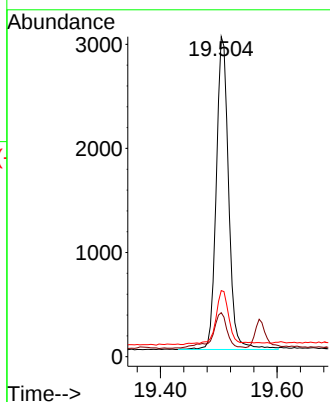
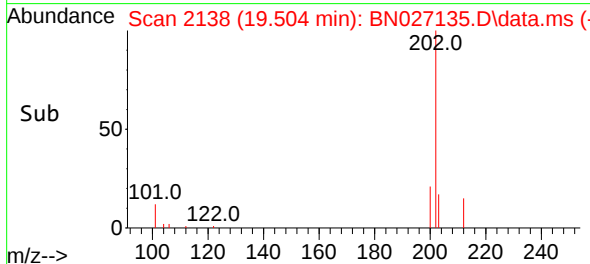
Instrument :
BNA_N
ClientSampleId :
RE126D2-20230814



Tgt Ion:202 Resp: 440
Ion Ratio Lower Upper
202 100
101 13.4 8.9 13.3
203 18.1 13.7 20.5

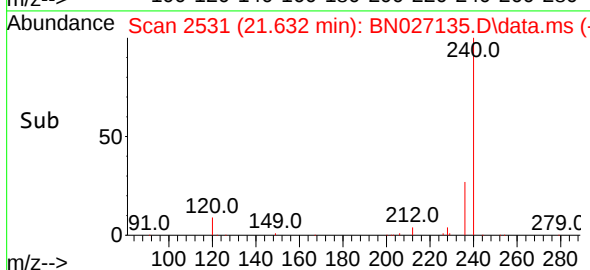
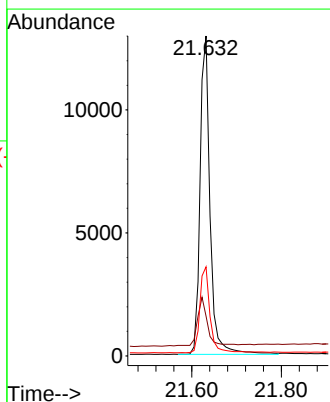
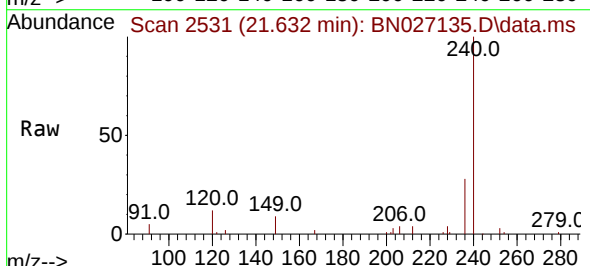
Manual Integrations
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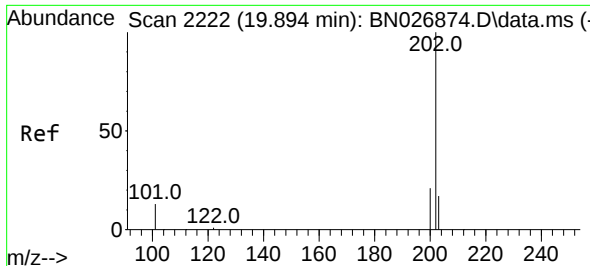
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 2531
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

Tgt Ion:240 Resp: 20028
Ion Ratio Lower Upper
240 100
120 12.4 11.1 16.7
236 27.9 22.2 33.2





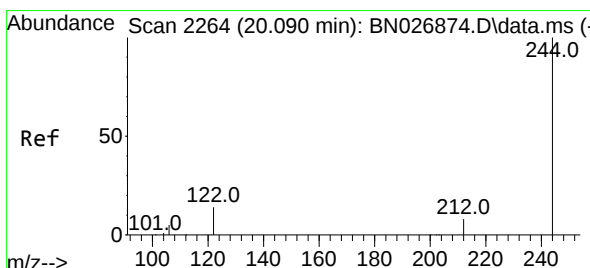
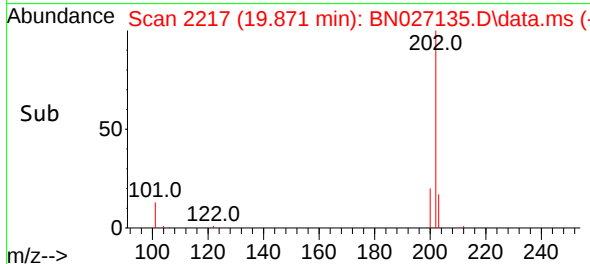
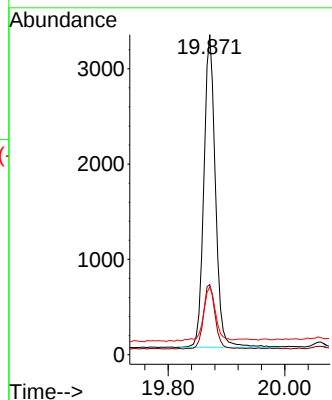
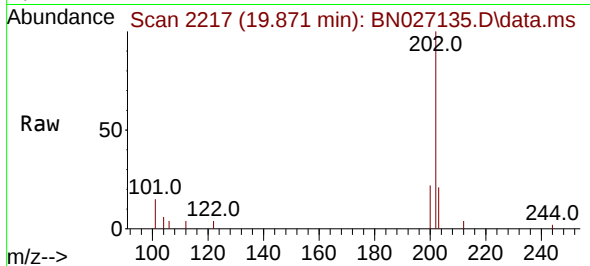
#30
Pyrene
Concen: 0.059 ng
RT: 19.871 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

Instrument :
BNA_N
ClientSampleId :
RE126D2-20230814

Tgt Ion:202 Resp: 453
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 18.7 14.4 21.6

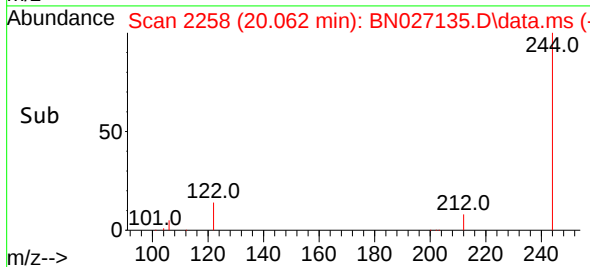
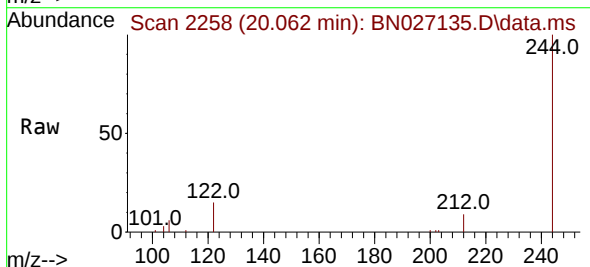
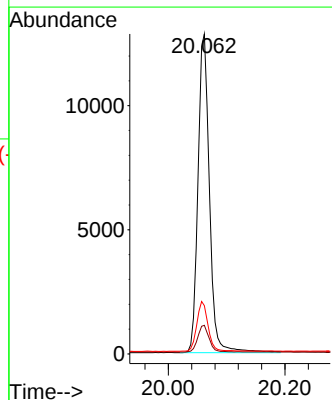
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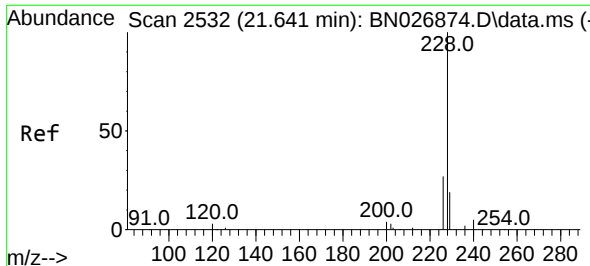
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#31
Terphenyl-d14
Concen: 0.419 ng
RT: 20.062 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

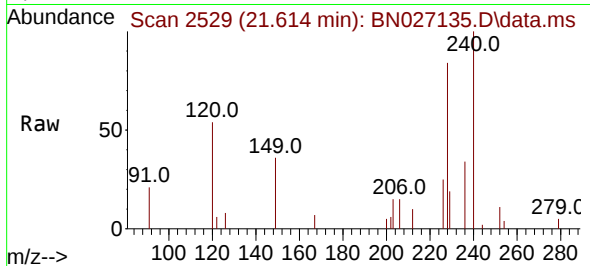
Tgt Ion:244 Resp: 17546
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 15.1 11.9 17.9





#32
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.614 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

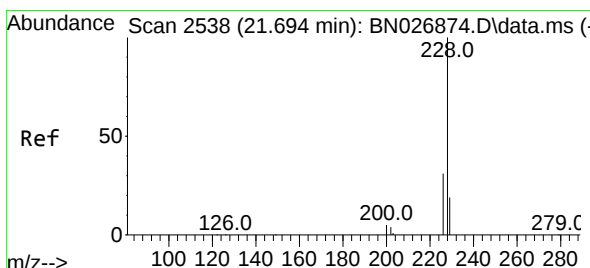
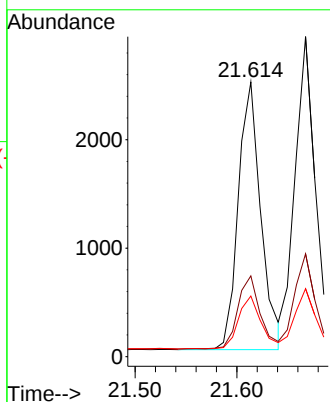
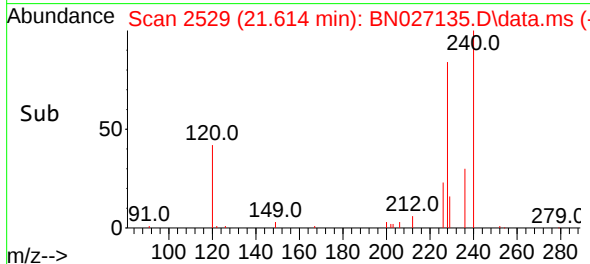
Instrument :
BNA_N
ClientSampleId :
RE126D2-20230814



Tgt Ion:228 Resp: 380
Ion Ratio Lower Upper
228 100
226 29.4 22.1 33.1
229 22.1 15.5 23.3

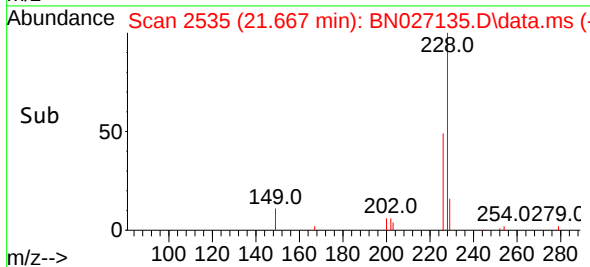
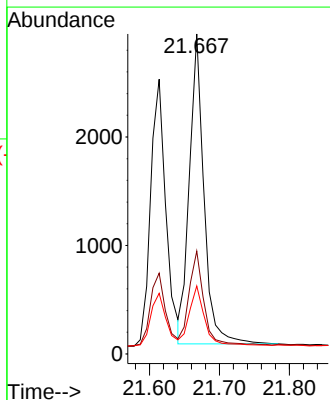
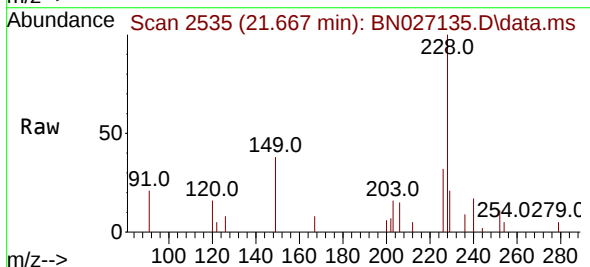
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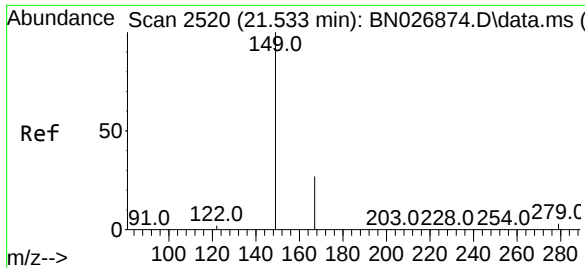
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#33
Chrysene
Concen: 0.057 ng
RT: 21.667 min Scan# 2535
Delta R.T. -0.000 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

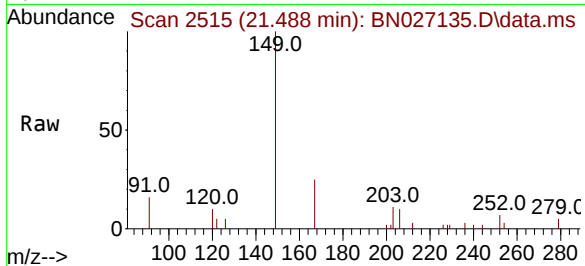
Tgt Ion:228 Resp: 4133
Ion Ratio Lower Upper
228 100
226 32.1 24.6 37.0
229 21.2 15.5 23.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.069 ng
RT: 21.488 min Scan# 2148
Delta R.T. -0.009 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

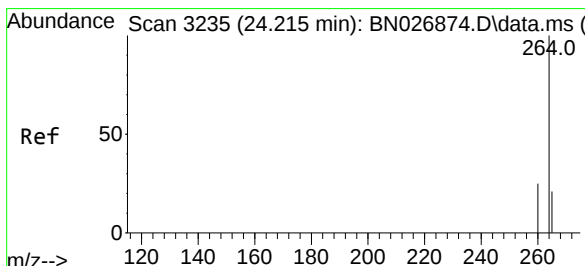
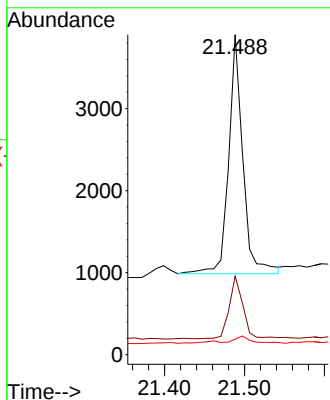
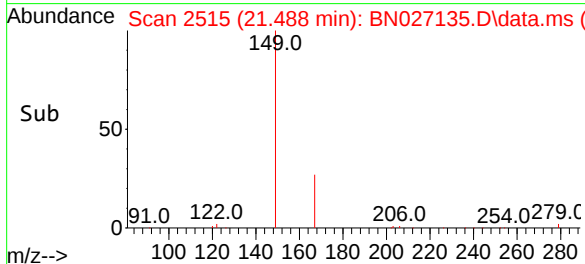
Instrument :
BNA_N
ClientSampleId :
RE126D2-20230814



Tgt Ion:149 Resp: 3609
Ion Ratio Lower Upper
149 100
167 24.6 21.4 32.0
279 3.6 3.6 5.4

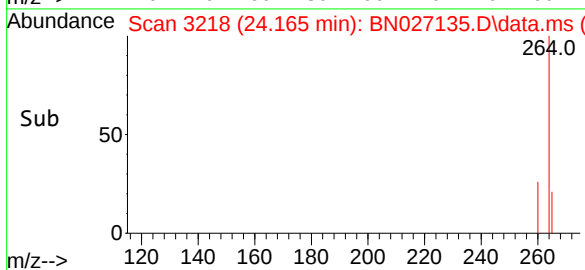
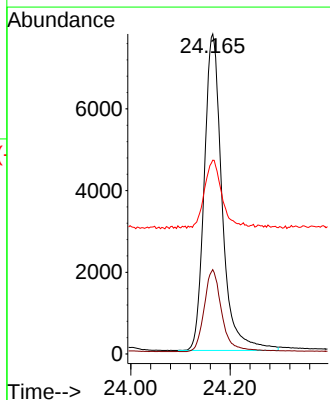
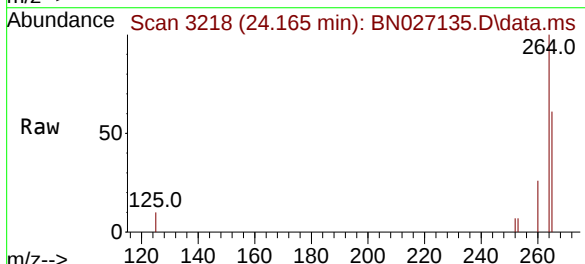
Manual Integrations
APPROVED

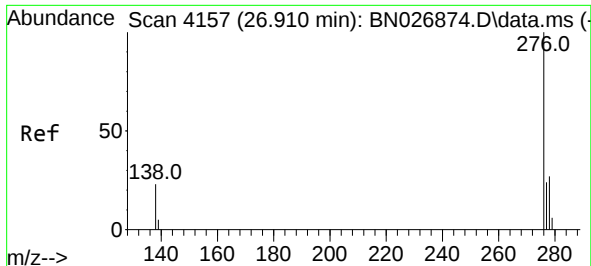
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.165 min Scan# 3218
Delta R.T. -0.006 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

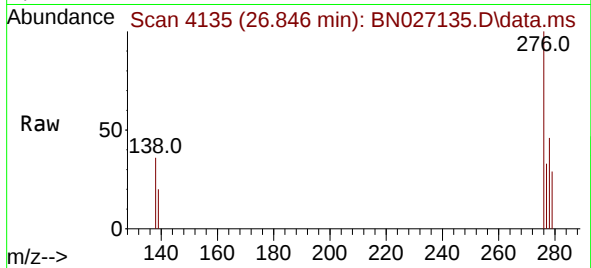
Tgt Ion:264 Resp: 19333
Ion Ratio Lower Upper
264 100
260 26.4 20.4 30.6
265 60.6 27.0 40.6#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng
RT: 26.846 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

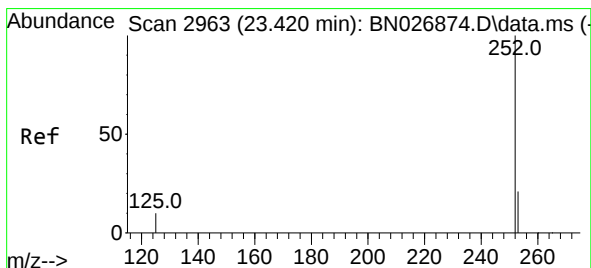
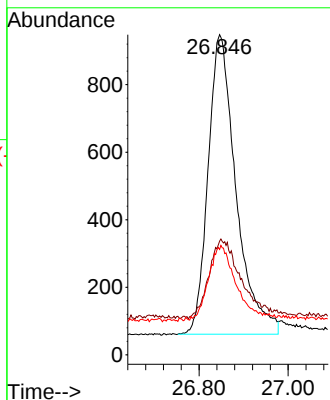
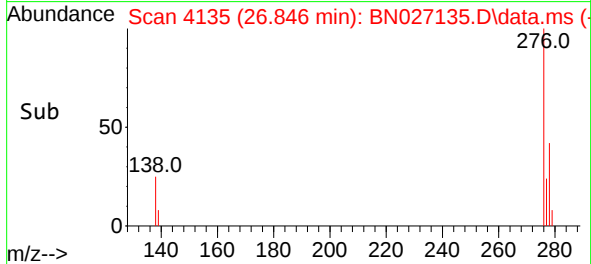
Instrument :
BNA_N
ClientSampleId :
RE126D2-20230814



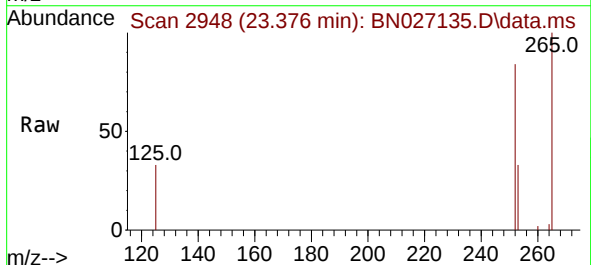
Tgt Ion:276 Resp: 386
Ion Ratio Lower Upper
276 100
138 29.7 21.1 31.7
277 24.0 19.9 29.9

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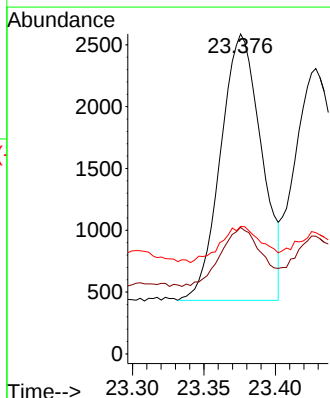
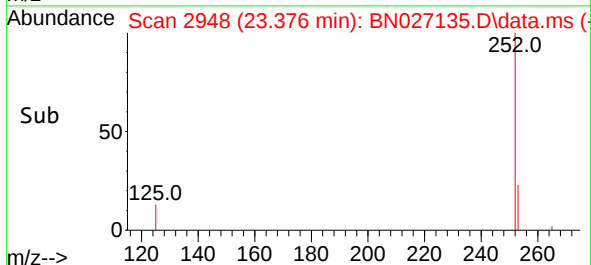
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

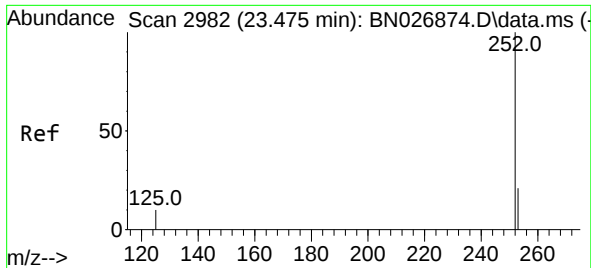


#37
Benzo(b)fluoranthene
Concen: 0.066 ng
RT: 23.376 min Scan# 2948
Delta R.T. -0.003 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17



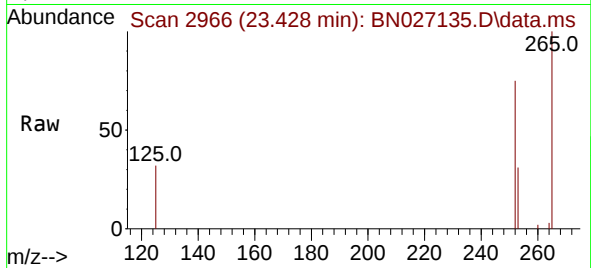
Tgt Ion:252 Resp: 4291
Ion Ratio Lower Upper
252 100
253 39.6 18.4 27.6#
125 39.8 10.2 15.2#





#38
Benzo(k)fluoranthene
Concen: 0.065 ng m
RT: 23.428 min Scan# 2982
Delta R.T. -0.003 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

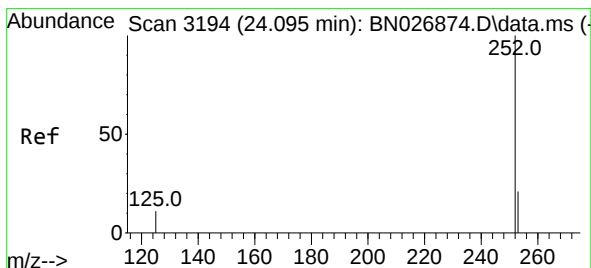
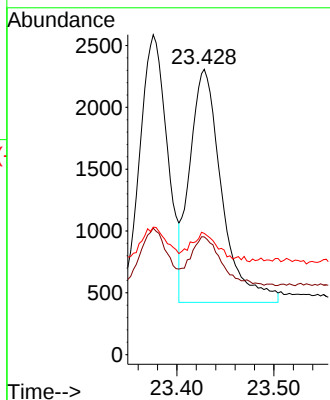
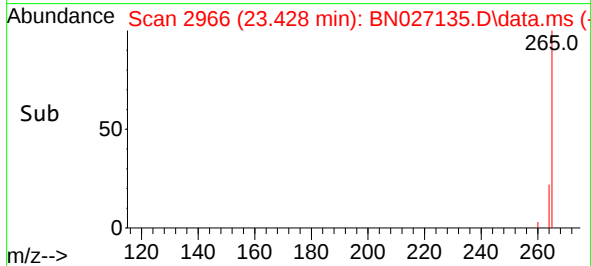
Instrument :
BNA_N
ClientSampleId :
RE126D2-20230814



Tgt Ion:252 Resp: 434
Ion Ratio Lower Upper
252 100
253 41.2 18.4 27.6#
125 42.5 10.2 15.2#

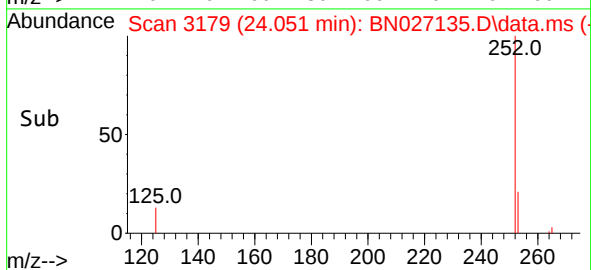
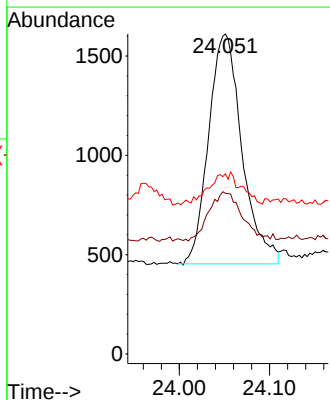
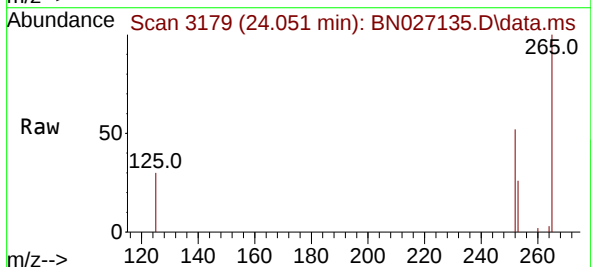
Manual Integrations
APPROVED

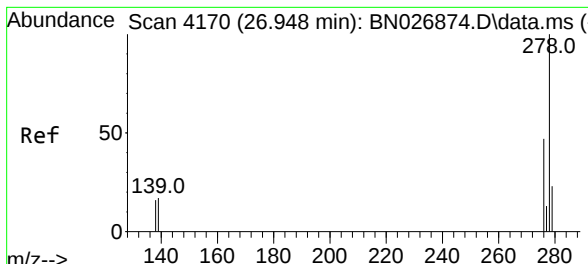
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#39
Benzo(a)pyrene
Concen: 0.046 ng
RT: 24.051 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BN027135.D
Acq: 26 Aug 2023 01:17

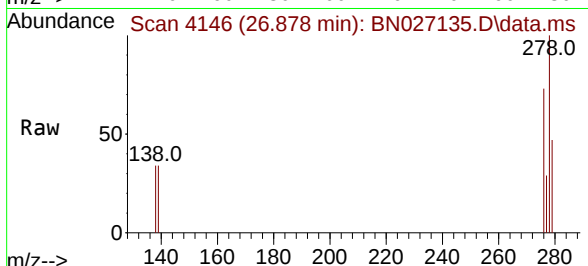
Tgt Ion:252 Resp: 2974
Ion Ratio Lower Upper
252 100
253 50.2 18.6 28.0#
125 56.3 11.7 17.5#





#40
 Dibenzo(a,h)anthracene
 Concen: 0.046 ng
 RT: 26.878 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: BN027135.D
 Acq: 26 Aug 2023 01:17

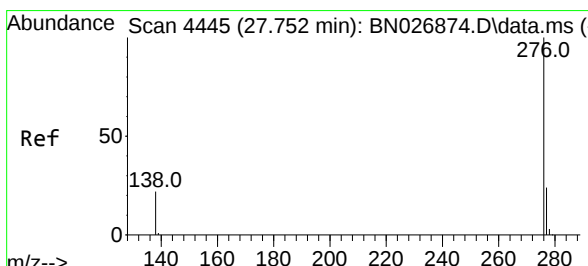
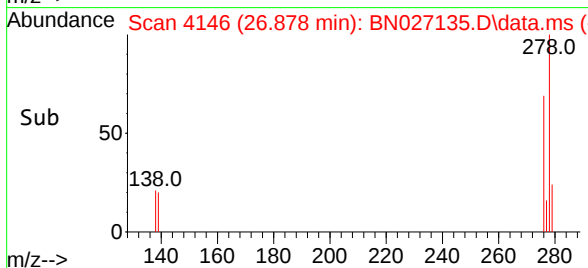
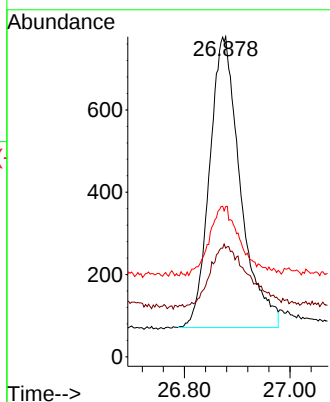
Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20230814



Tgt Ion: 278 Resp: 2870
 Ion Ratio Lower Upper
 278 100
 139 33.9 15.3 22.9#
 279 46.9 19.9 29.9#

Manual Integrations
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Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023



#41
 Benzo(g,h,i)perylene
 Concen: 0.053 ng
 RT: 27.685 min Scan# 4422
 Delta R.T. -0.003 min
 Lab File: BN027135.D
 Acq: 26 Aug 2023 01:17

Tgt Ion: 276 Resp: 3584
 Ion Ratio Lower Upper
 276 100
 277 32.2 19.8 29.8#
 138 34.4 19.0 28.4#

