

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028748.D
 Acq On : 18 Nov 2023 20:41
 Operator : MA/JU
 Sample : PB157220BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS220

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 23:26:36 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 : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	5334m	0.400	ng/ul	0.10
4) Naphthalene-d8	10.512	136	17256m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.325	164	11065	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188	15497	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	13192	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	12735	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5996m	1.017	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.129	152	5328	0.205	ng/ul	0.02
18) Fluoranthene-d10	19.122	212	21274	0.501	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	18757m	2.879	ng/ul	
5) Naphthalene	10.556	128	16814	0.348	ng/ul	96
7) 2-Methylnaphthalene	12.200	142	6014	0.189	ng/ul	97
8) 1-Methylnaphthalene	12.371	142	10657	0.329	ng/ul	99
10) Acenaphthylene	14.052	152	22487	0.407	ng/ul	97
11) Acenaphthene	14.385	153	18635	0.459	ng/ul	98
12) Fluorene	15.398	166	15846	0.335	ng/ul	99
14) Pentachlorophenol	16.743	266	3049	0.820	ng/ul	99
15) Phenanthrene	17.136	178	24280	0.510	ng/ul	98
16) Anthracene	17.250	178	13162	0.301	ng/ul	96
19) Fluoranthene	19.150	202	28194	0.503	ng/ul	98
20) Pyrene	19.517	202	32718	0.563	ng/ul	97
21) Benzo(a)anthracene	21.287	228	16629	0.319	ng/ul	98
22) Chrysene	21.333	228	23292	0.457	ng/ul	99
24) Benzo(b)fluoranthene	22.888	252	21062	0.441	ng/ul	89
25) Benzo(k)fluoranthene	22.935	252	26464	0.529	ng/ul	92
26) Benzo(a)pyrene	23.481	252	22594	0.501	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.934	276	27457	0.548	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.957	278	20808	0.520	ng/ul	95
29) Benzo(g,h,i)perylene	26.638	276	24852	0.605	ng/ul	97

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

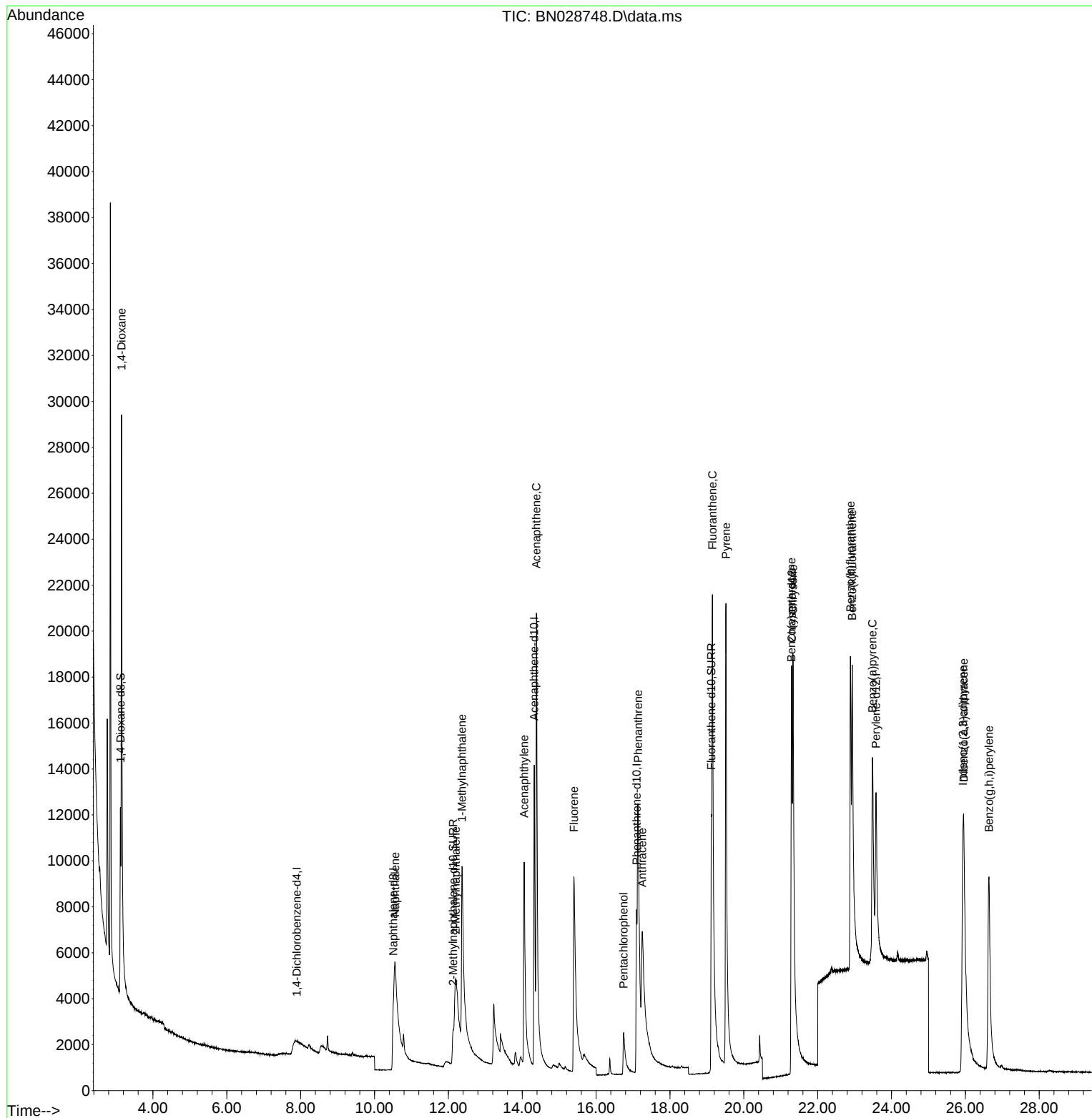
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028748.D
Acq On : 18 Nov 2023 20:41
Operator : MA/JU
Sample : PB157220BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

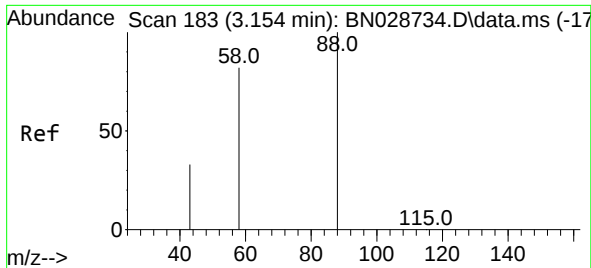
Instrument :
BNA_N
ClientSampleId :
SLCS220

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Supervised By :mohammad ahmed 11/20/2023

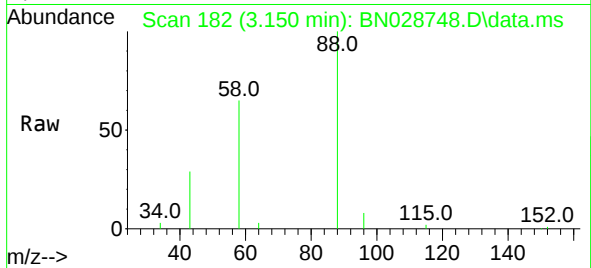
Quant Time: Nov 19 23:26:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.879 ng/ul m
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

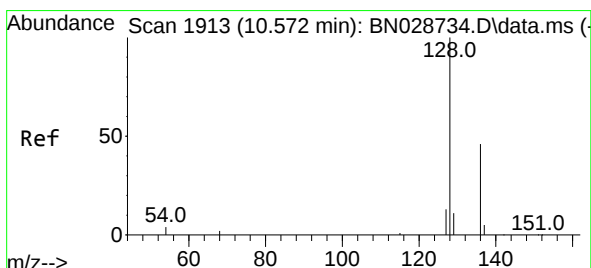
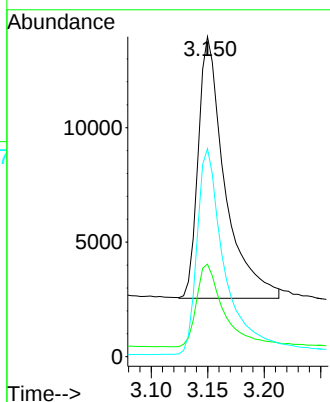
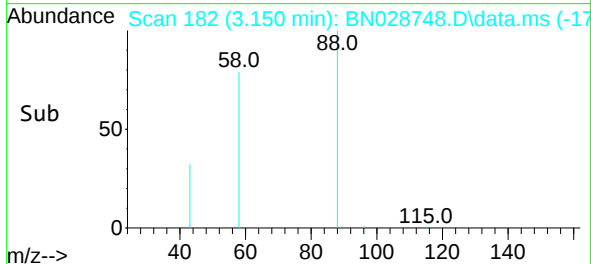
Instrument :
BNA_N
ClientSampleId :
SLCS220



Tgt Ion: 88 Resp: 1875
Ion Ratio Lower Upper
88 100
43 28.9 32.9 49.3
58 65.0 41.8 62.8

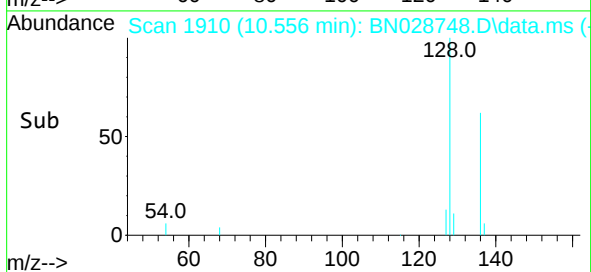
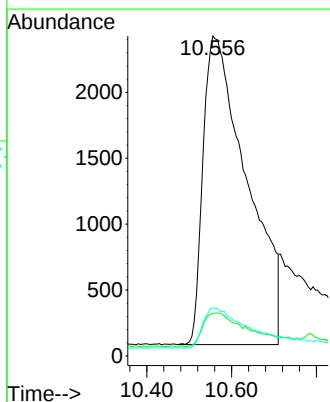
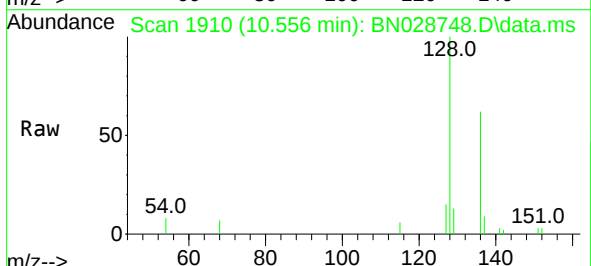
Manual Integrations
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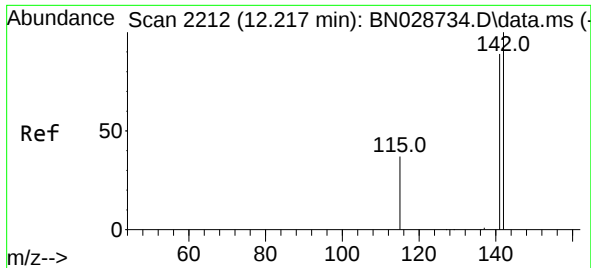
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.556 min Scan# 1910
Delta R.T. 0.022 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

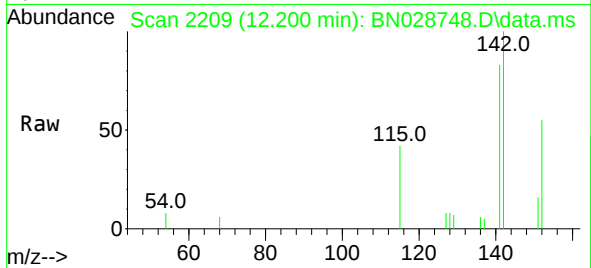
Tgt Ion:128 Resp: 16814
Ion Ratio Lower Upper
128 100
129 13.3 9.2 13.8
127 15.0 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.200 min Scan# 2114
Delta R.T. 0.027 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

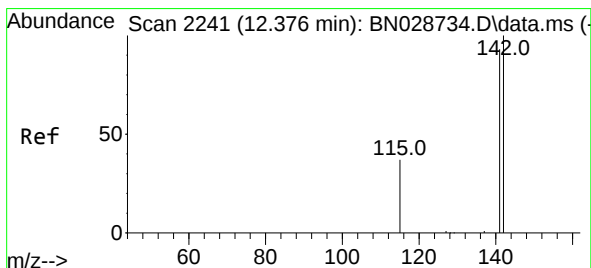
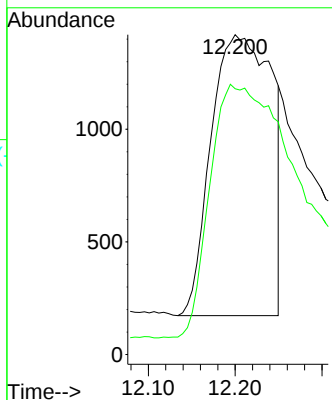
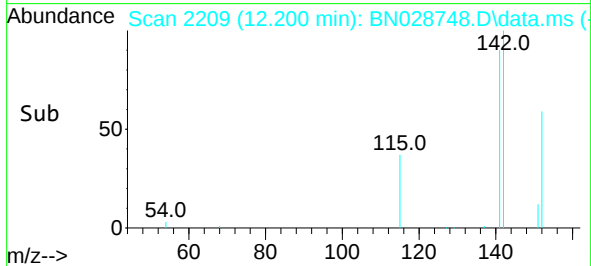
Instrument :
BNA_N
ClientSampleId :
SLCS220



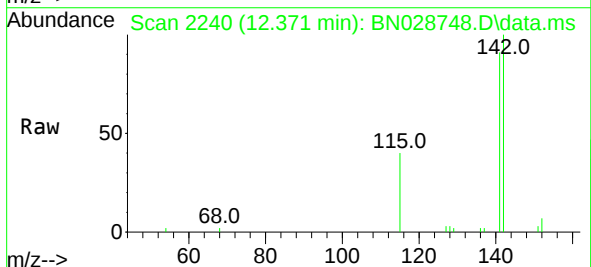
Tgt Ion:142 Resp: 6014
Ion Ratio Lower Upper
142 100
141 91.7 70.8 106.2

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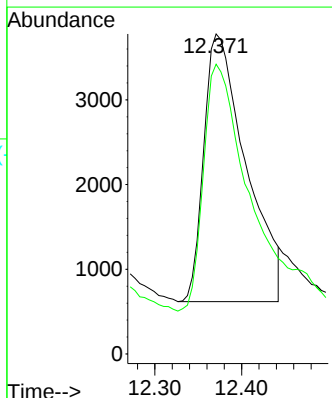
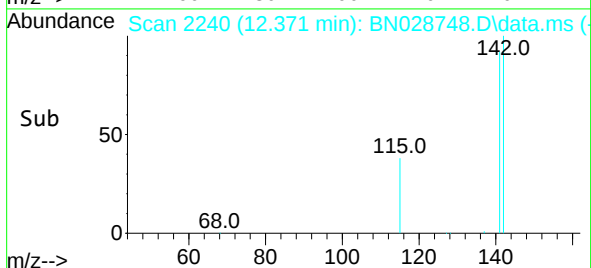
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

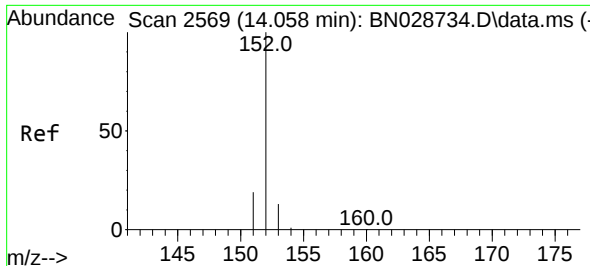


#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.371 min Scan# 2240
Delta R.T. 0.005 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41



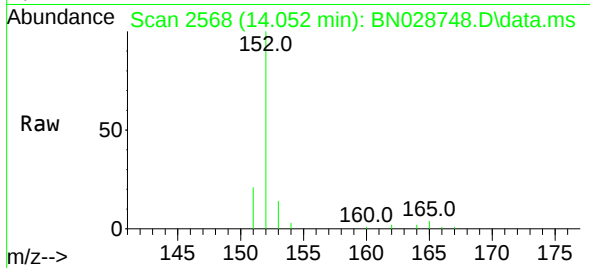
Tgt Ion:142 Resp: 10657
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1





#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 14.052 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

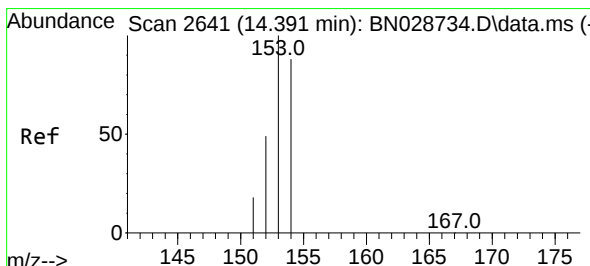
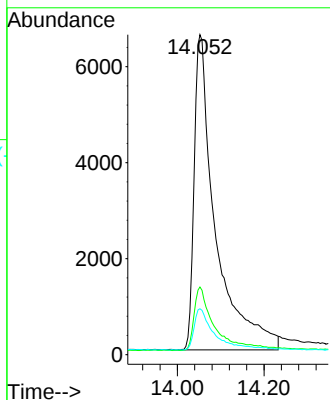
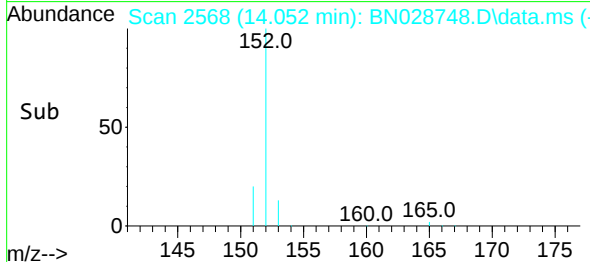
Instrument :
BNA_N
ClientSampleId :
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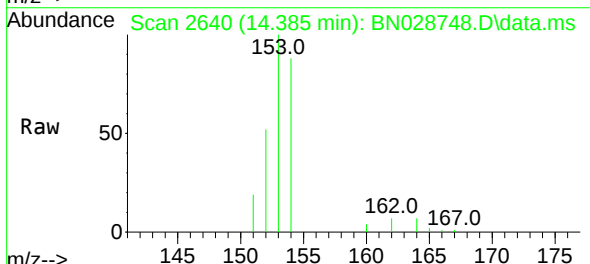
Tgt Ion:152 Resp: 2248
Ion Ratio Lower Upper
152 100
151 21.2 16.1 24.1
153 14.4 10.6 15.8

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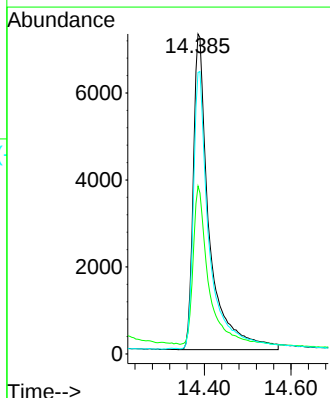
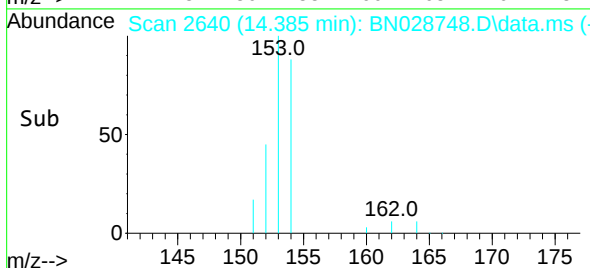
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

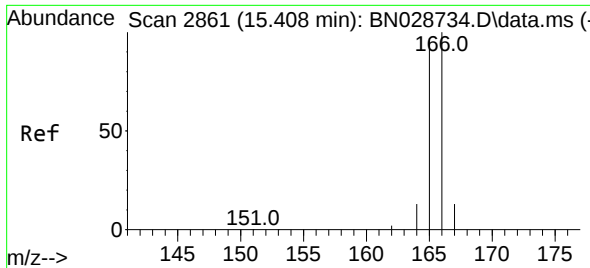


#11
Acenaphthene
Concen: 0.459 ng/ul
RT: 14.385 min Scan# 2640
Delta R.T. -0.005 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41



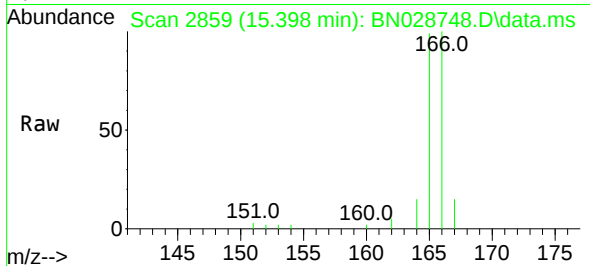
Tgt Ion:153 Resp: 18635
Ion Ratio Lower Upper
153 100
152 52.4 39.6 59.4
154 88.0 71.0 106.6





#12
Fluorene
Concen: 0.335 ng/ul
RT: 15.398 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

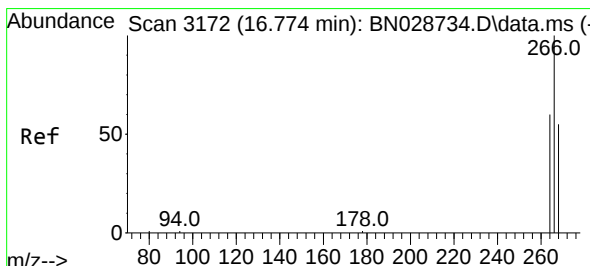
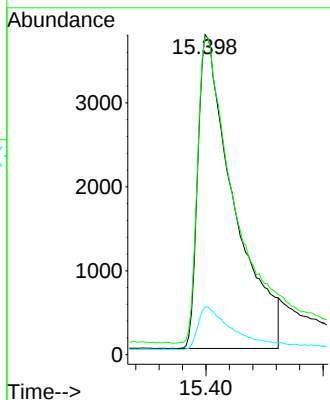
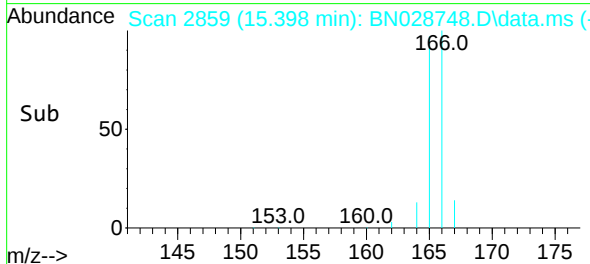
Instrument :
BNA_N
ClientSampleId :
SLCS220



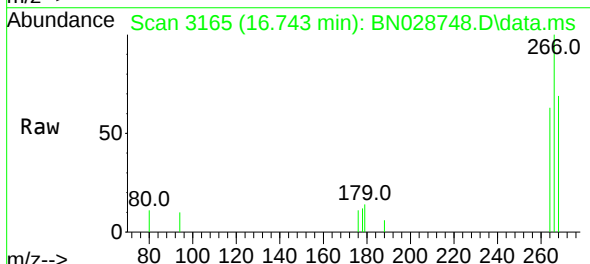
Tgt Ion:166 Resp: 15840
Ion Ratio Lower Upper
166 100
165 99.3 78.6 118.0
167 14.9 11.0 16.6

Manual Integrations
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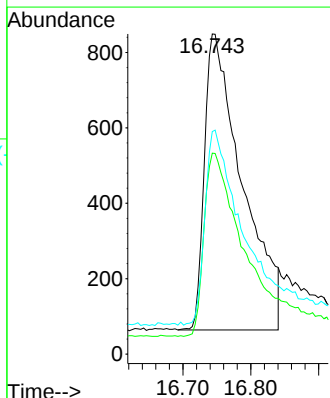
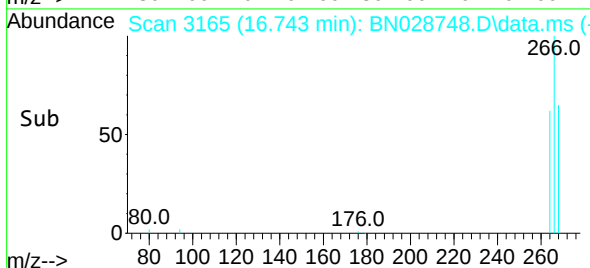
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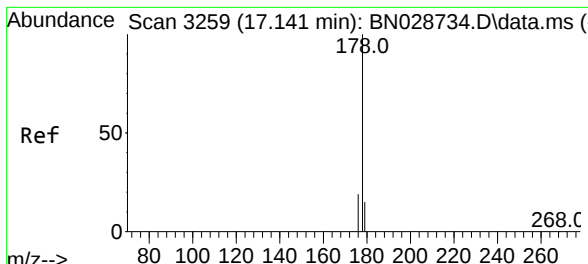


#14
Pentachlorophenol
Concen: 0.820 ng/ul
RT: 16.743 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41



Tgt Ion:266 Resp: 3049
Ion Ratio Lower Upper
266 100
264 61.9 50.1 75.1
268 64.3 50.6 75.8





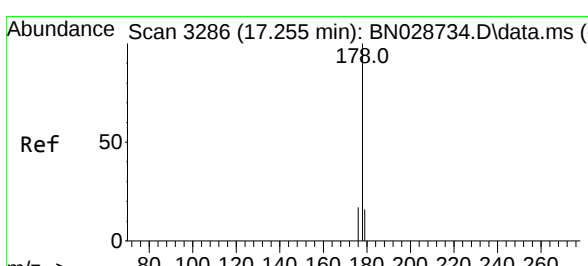
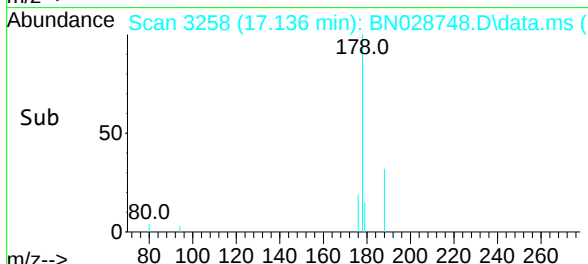
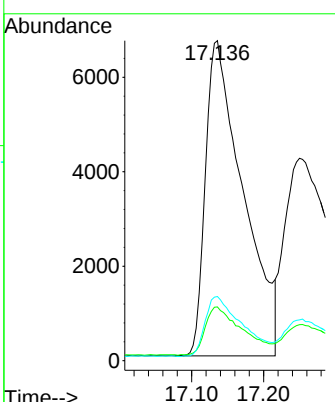
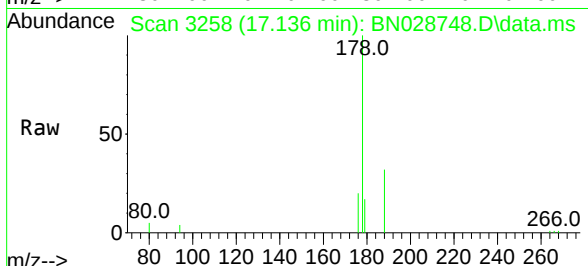
#15
 Phenanthrene
 Concen: 0.510 ng/u1
 RT: 17.136 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BN028748.D
 Acq: 18 Nov 2023 20:41

Instrument : BNA_N
 ClientSampleId : SLCS220

Tgt Ion:	178	Resp:	24280
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.4	18.6
176	20.1	15.4	23.2

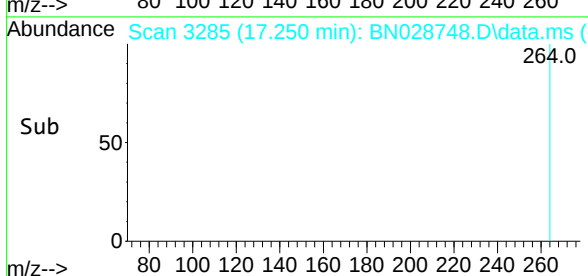
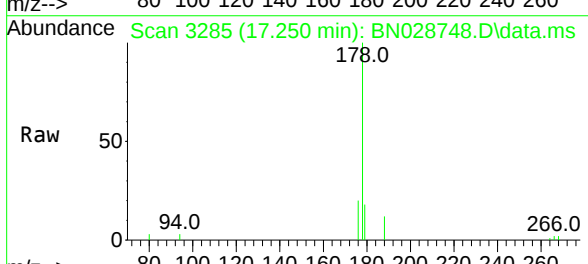
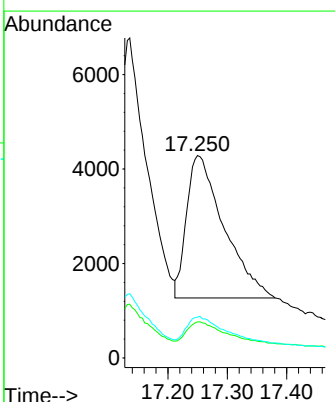
Manual Integrations
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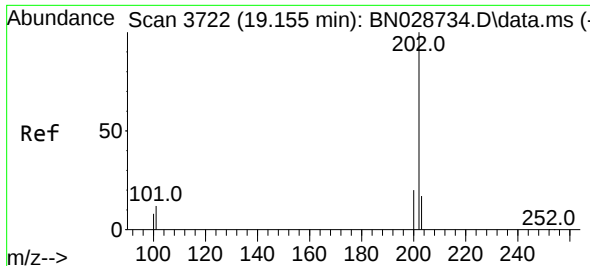
Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



#16
 Anthracene
 Concen: 0.301 ng/u1
 RT: 17.250 min Scan# 3285
 Delta R.T. 0.013 min
 Lab File: BN028748.D
 Acq: 18 Nov 2023 20:41

Tgt Ion:	178	Resp:	13162
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.6	18.8
176	20.2	14.9	22.3





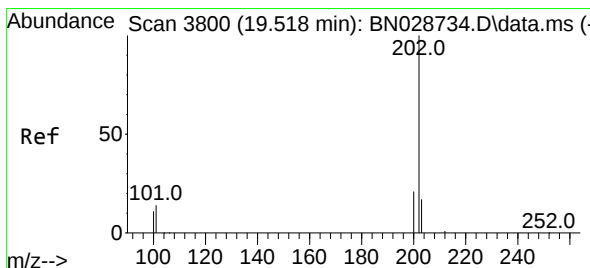
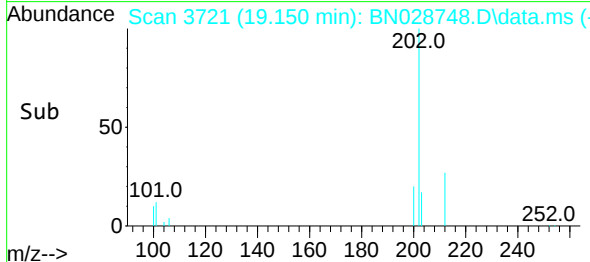
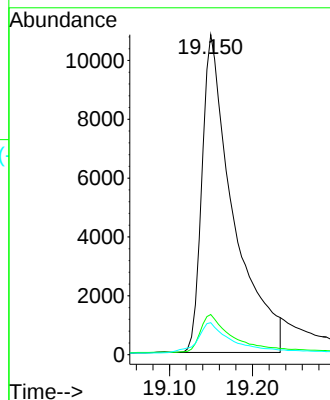
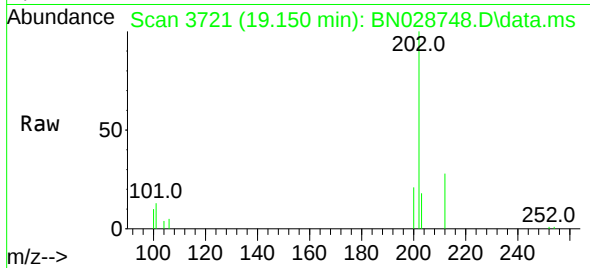
#19
Fluoranthene
Concen: 0.503 ng/u1
RT: 19.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

Instrument :
BNA_N
ClientSampleId :
SLCS220

Tgt Ion:202 Resp: 28194
Ion Ratio Lower Upper
202 100
101 12.6 9.5 14.3
100 10.0 7.2 10.8

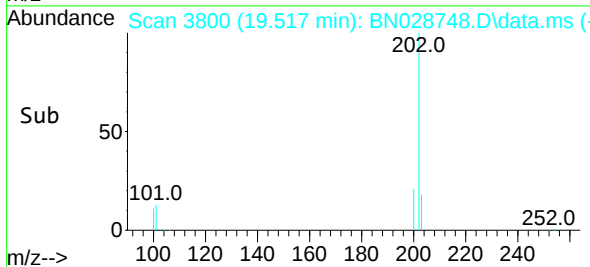
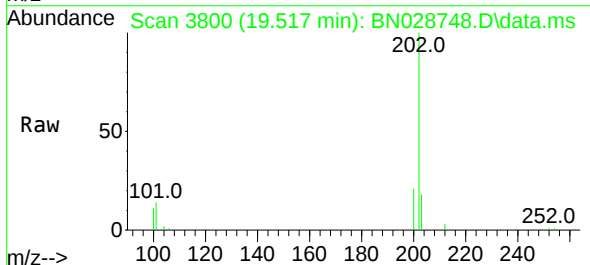
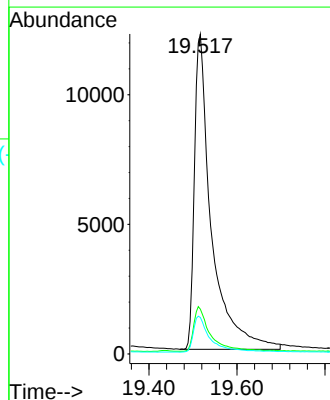
Manual Integrations
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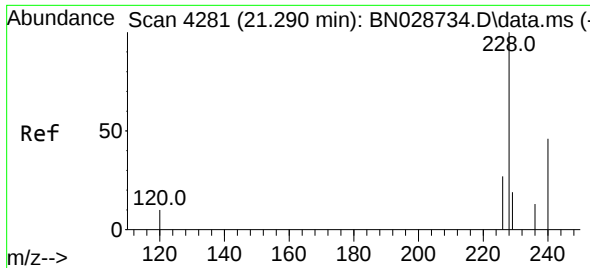
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.563 ng/u1
RT: 19.517 min Scan# 3800
Delta R.T. 0.005 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

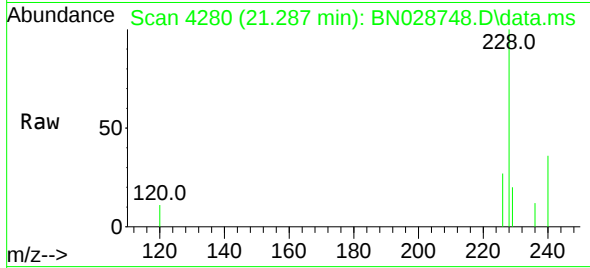
Tgt Ion:202 Resp: 32718
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 11.4 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.319 ng/u1
RT: 21.287 min Scan# 4281
Delta R.T. 0.006 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

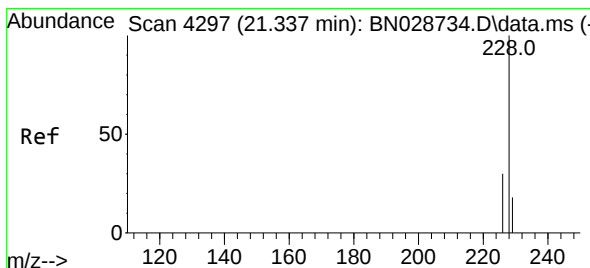
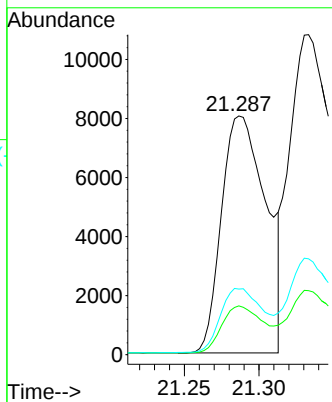
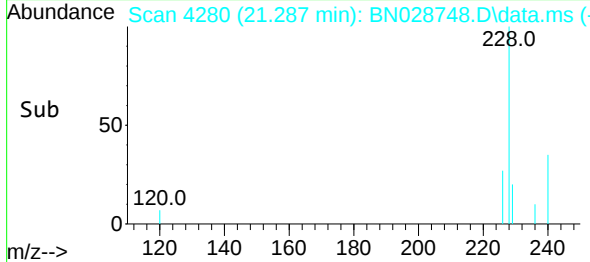
Instrument :
BNA_N
ClientSampleId :
SLCS220



Tgt Ion:228 Resp: 16629
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 27.5 21.4 32.0

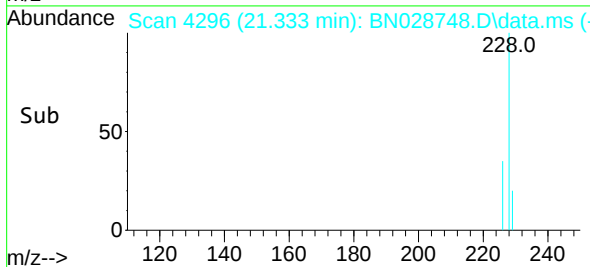
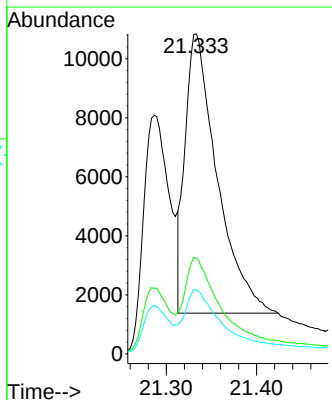
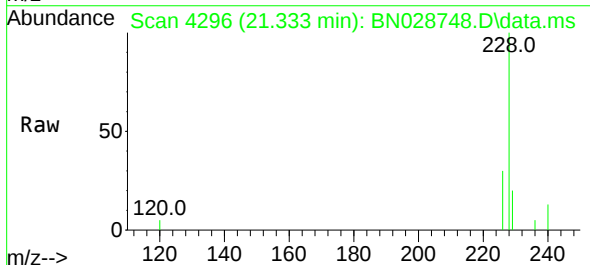
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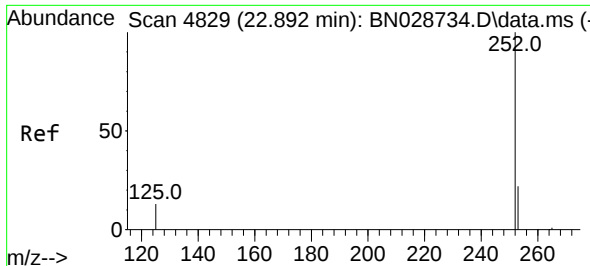
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.457 ng/u1
RT: 21.333 min Scan# 4296
Delta R.T. -0.000 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

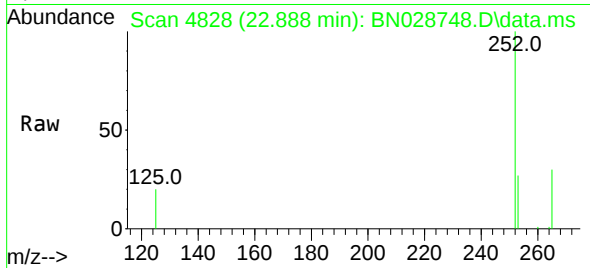
Tgt Ion:228 Resp: 23292
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 20.0 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.441 ng/ul
RT: 22.888 min Scan# 4828
Delta R.T. -0.000 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

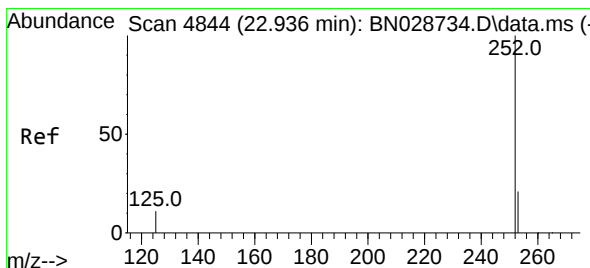
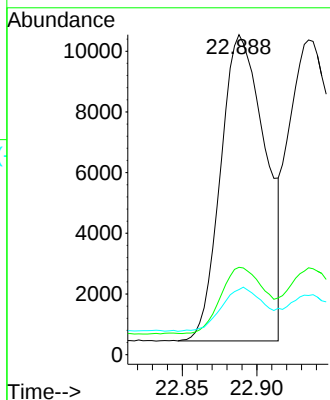
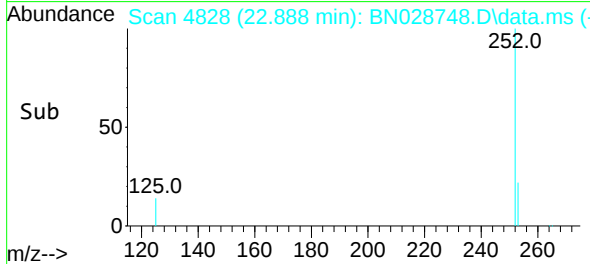
Instrument :
BNA_N
ClientSampleId :
SLCS220



Tgt Ion:252 Resp: 21062
Ion Ratio Lower Upper
252 100
253 27.3 0.0 46.6
125 20.4 0.0 27.6

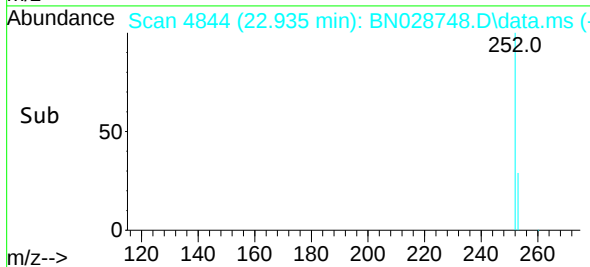
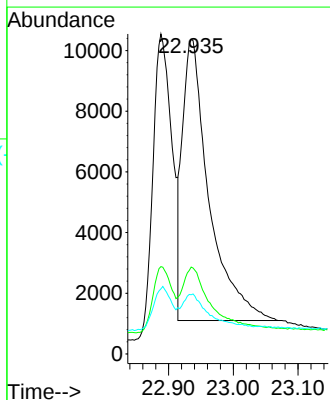
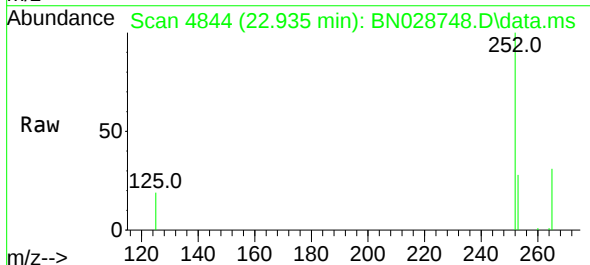
Manual Integrations
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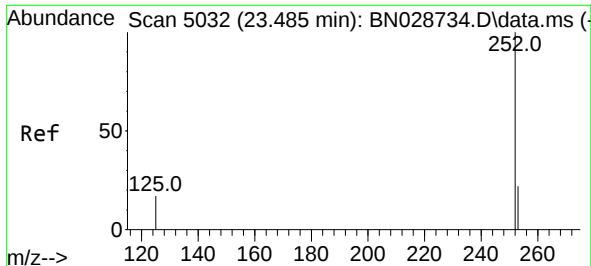
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.529 ng/ul
RT: 22.935 min Scan# 4844
Delta R.T. 0.003 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

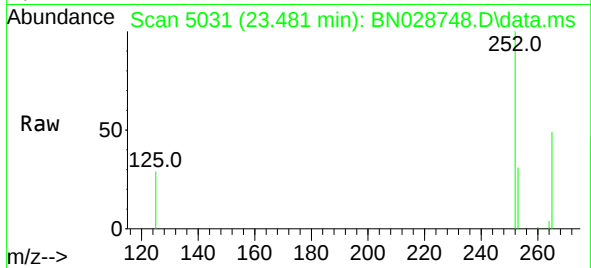
Tgt Ion:252 Resp: 26464
Ion Ratio Lower Upper
252 100
253 27.6 18.6 28.0
125 18.8 12.7 19.1





#26
Benzo(a)pyrene
Concen: 0.501 ng/ul
RT: 23.481 min Scan# 5031
Delta R.T. -0.000 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

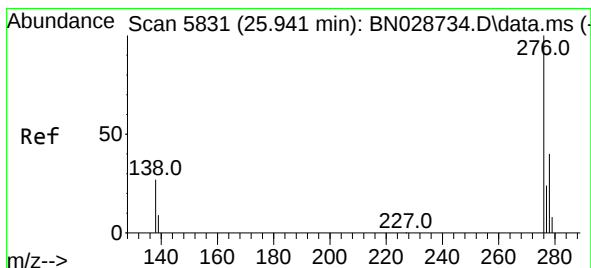
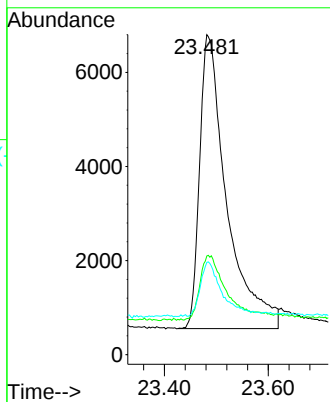
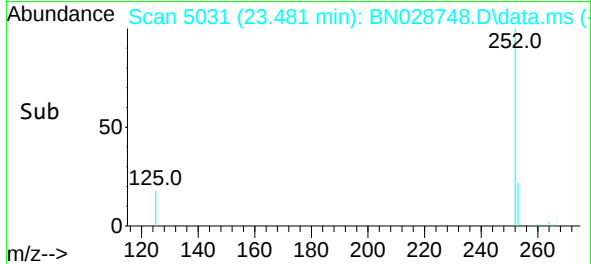
Instrument :
BNA_N
ClientSampleId :
SLCS220



Tgt Ion:252 Resp: 22594
Ion Ratio Lower Upper
252 100
253 30.8 19.0 28.6
125 28.9 13.2 19.8

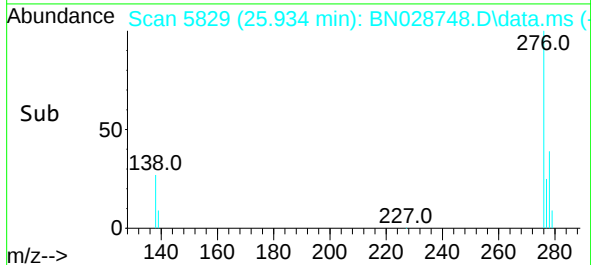
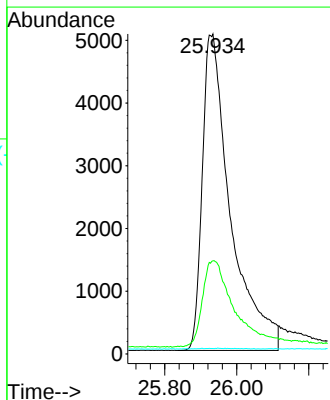
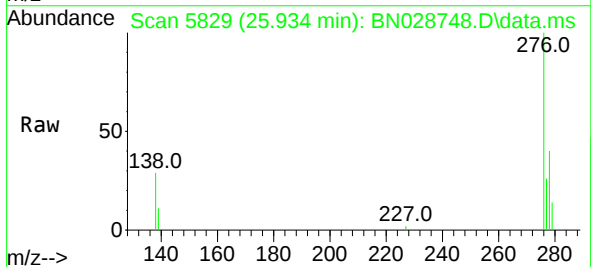
Manual Integrations
APPROVED

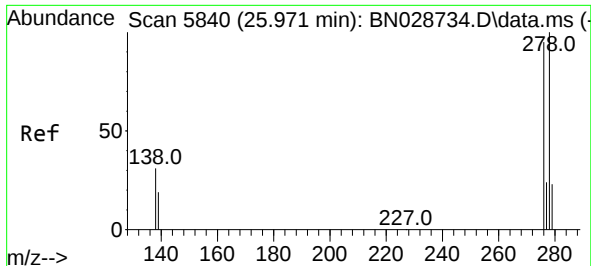
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.548 ng/ul
RT: 25.934 min Scan# 5829
Delta R.T. 0.003 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

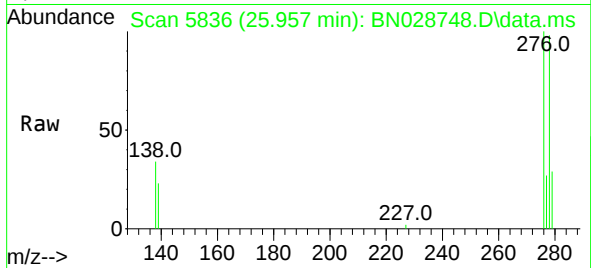
Tgt Ion:276 Resp: 27457
Ion Ratio Lower Upper
276 100
138 30.5 23.8 35.6
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.520 ng/ul
RT: 25.957 min Scan# 5836
Delta R.T. -0.000 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

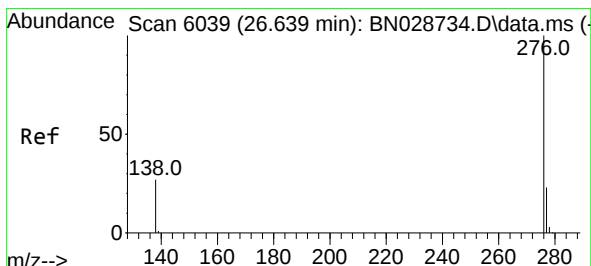
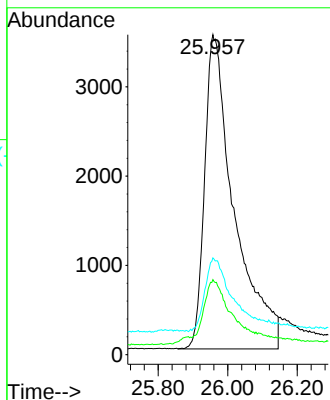
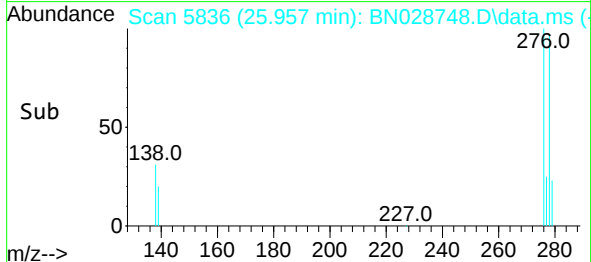
Instrument :
BNA_N
ClientSampleId :
SLCS220



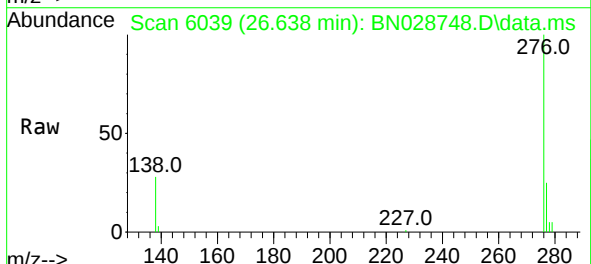
Tgt Ion:278 Resp: 20808
Ion Ratio Lower Upper
278 100
139 23.5 18.2 27.4
279 30.2 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.605 ng/ul
RT: 26.638 min Scan# 6039
Delta R.T. -0.003 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41



Tgt Ion:276 Resp: 24852
Ion Ratio Lower Upper
276 100
138 28.1 20.5 30.7
277 24.9 19.4 29.0

