

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031332.D
 Acq On : 30 Apr 2024 22:33
 Operator : MA/JU
 Sample : P2203-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CW9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Supervised By :mohammad
 ahmed
 05/02/2024

Quant Time: May 01 00:32:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 30 23:30:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	253214	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1128953	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	732271	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	1600525	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	1273483	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1206788	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	23426	4.307	ng/uL	0.00
4) Pyridine-d5	3.540	84	359427	23.078	ng/u1	0.00
7) Phenol-d5	6.793	99	92799	4.554	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	308249	25.837	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	31542	1.935	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	248829	14.736	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	210934	25.925	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	8093	0.924	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	20297	1.248	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	607812	25.793	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1325153	27.449	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1575492	28.126	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.257	176	1217464	29.532	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.110	188	1814794	27.474	ng/u1	0.00
81) Pyrene-d10	19.416	212	2051660	26.453	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1569479	28.092	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.440	128	630600	11.367	ng/u1	99
36) 2-Methylnaphthalene	12.063	142	63180	1.643	ng/u1	89
50) Acenaphthylene	13.981	152	158052	2.480	ng/u1	99
56) Dibenzofuran	14.663	168	124569	2.169	ng/u1	98
61) Fluorene	15.310	166	75088	1.640	ng/u1	96
72) Phenanthrene	17.057	178	1240967	15.667	ng/u1	99
74) Anthracene	17.145	178	429084	5.417	ng/u1	97
77) Carbazole	17.422	167	130694	1.889	ng/u1	98
80) Fluoranthene	19.081	202	2257162	24.277	ng/u1	99
82) Pyrene	19.445	202	1909353	20.131	ng/u1	99
85) Benzo(a)anthracene	21.233	228	834508m	10.041	ng/u1	
87) Chrysene	21.292	228	749763	9.629	ng/u1	98
90) Benzo(b)fluoranthene	23.227	252	937813	12.823	ng/u1	99
91) Benzo(k)fluoranthene	23.280	252	290042	4.033	ng/u1	97
93) Benzo(a)pyrene	24.004	252	673432	10.295	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.368	276	423301	5.711	ng/u1	99
95) Dibenzo(a,h)anthracene	27.404	278	88155m	1.432	ng/u1	
96) Benzo(g,h,i)perylene	28.380	276	420302	7.031	ng/u1	96

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

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Data File : BN031332.D
Acq On : 30 Apr 2024 22:33
Operator : MA/JU
Sample : P2203-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

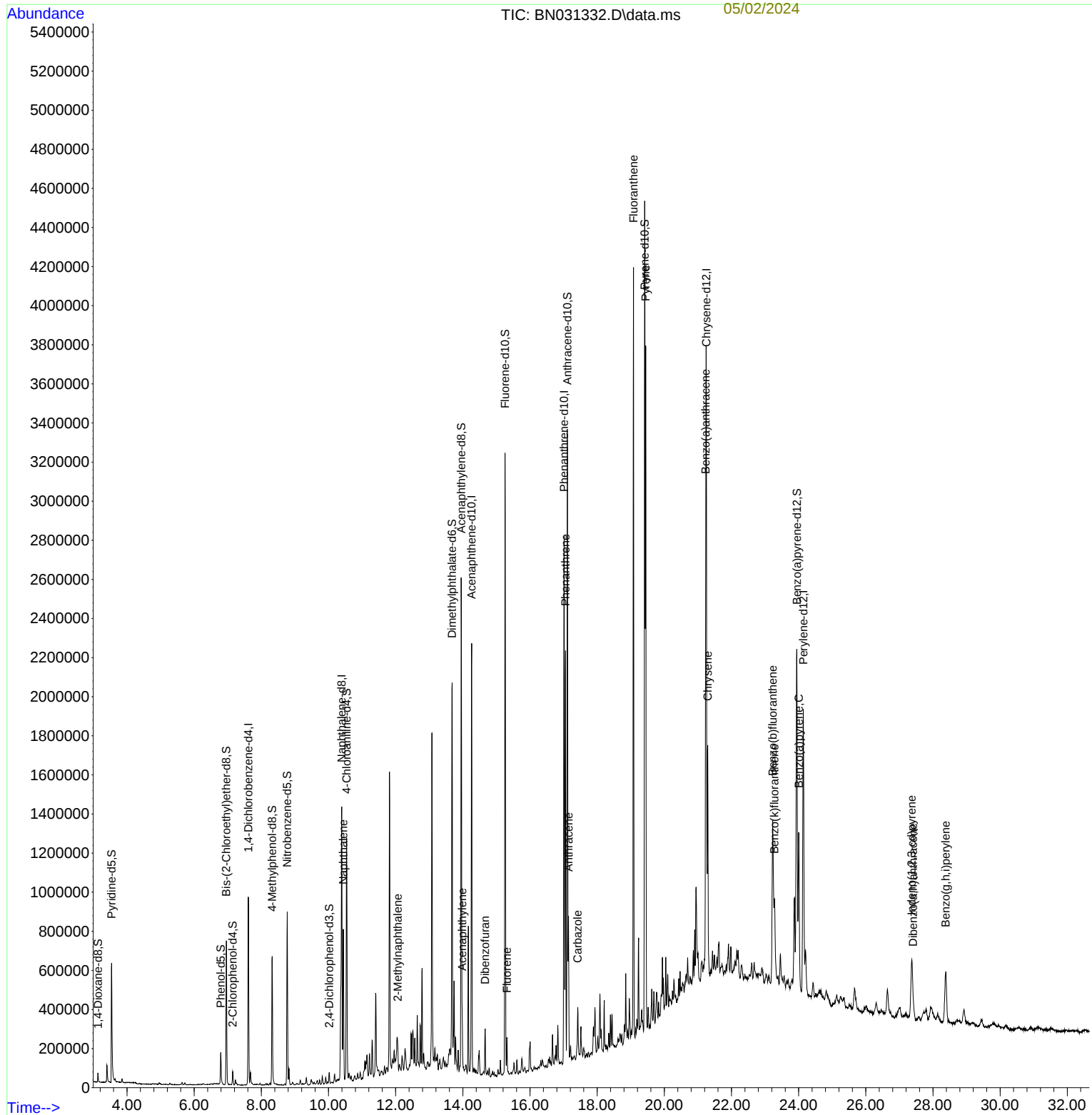
Instrument :
BNA_N
ClientSampleId :
E1CW9

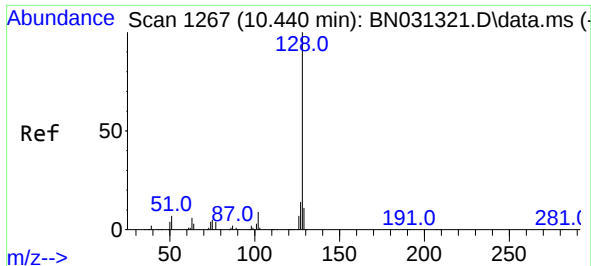
Quant Time: May 01 00:32:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 30 23:30:44 2024
Response via : Initial Calibration

Manual Integrations
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Supervised By :mohammad ahmed 05/02/2024

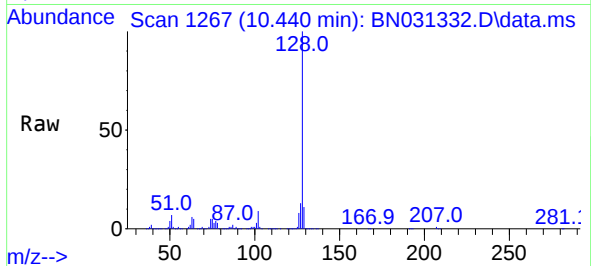
Supervised By :mohammad
ahmed
05/02/2024





#30
Naphthalene
Concen: 11.367 ng/ul
RT: 10.440 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

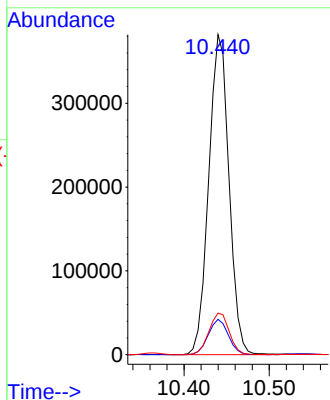
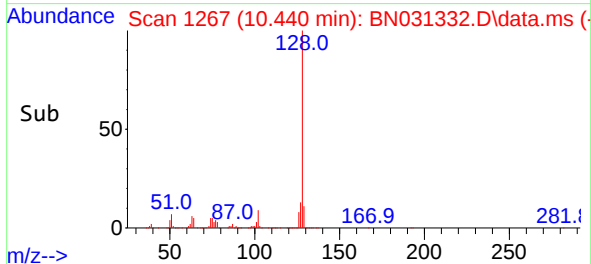
Instrument :
BNA_N
ClientSampleId :
E1CW9



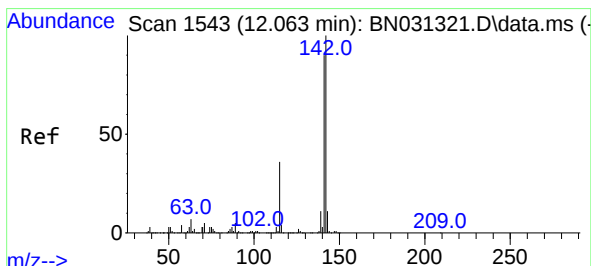
Tgt Ion:128 Resp: 630600
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.7 16.1

Manual Integrations
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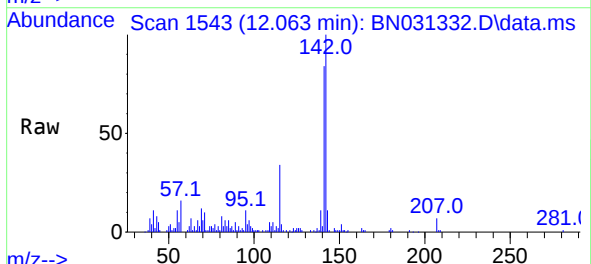
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



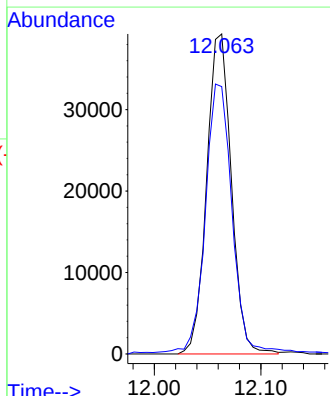
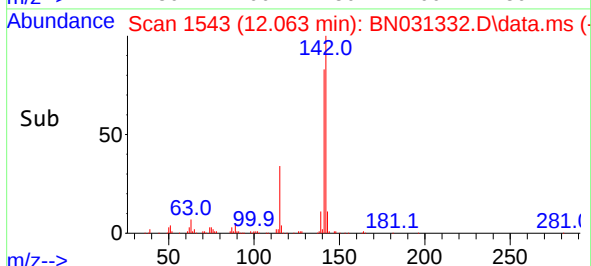
Supervised By :mohammad
ahmed
05/02/2024

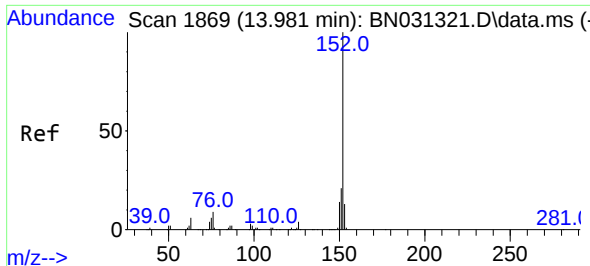


#36
2-Methylnaphthalene
Concen: 1.643 ng/ul
RT: 12.063 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33



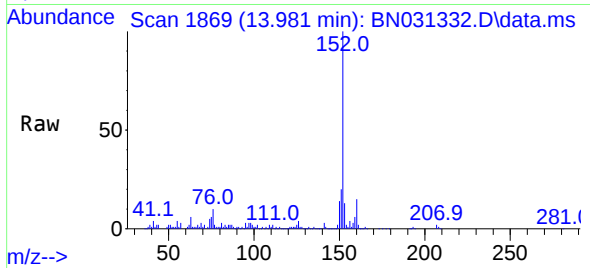
Tgt Ion:142 Resp: 63180
Ion Ratio Lower Upper
142 100
141 83.6 75.0 112.4





#50
Acenaphthylene
Concen: 2.480 ng/u1
RT: 13.981 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

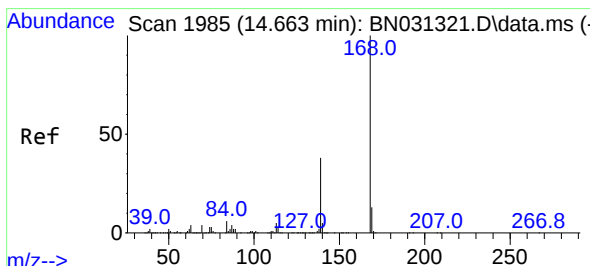
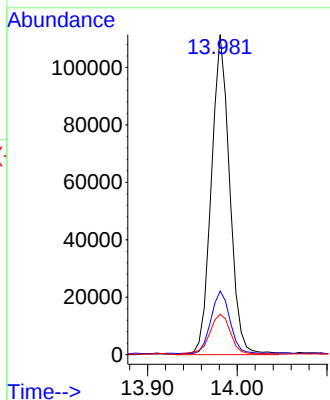
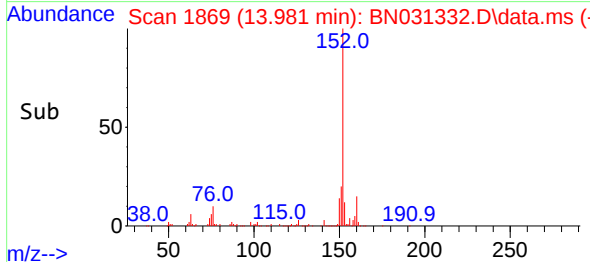
Instrument :
BNA_N
ClientSampleId :
E1CW9



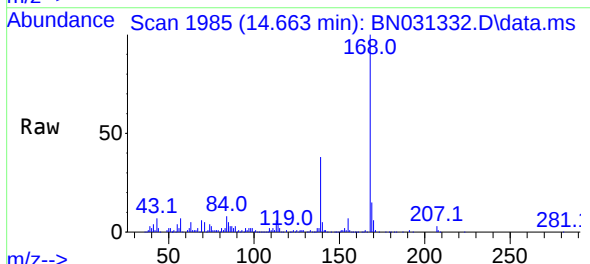
Tgt Ion:152 Resp: 158052
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 12.7 10.6 15.8

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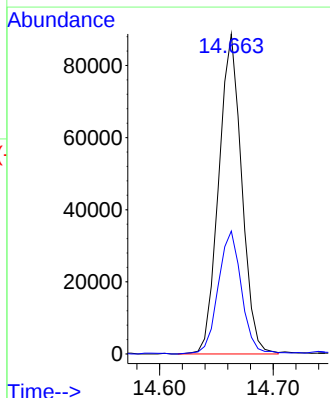
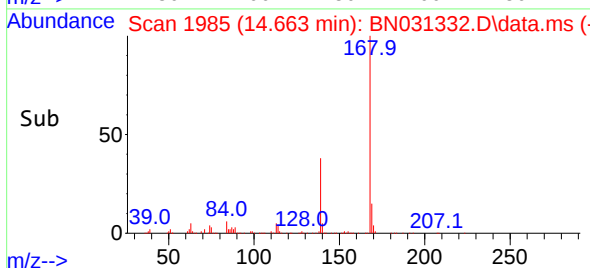
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

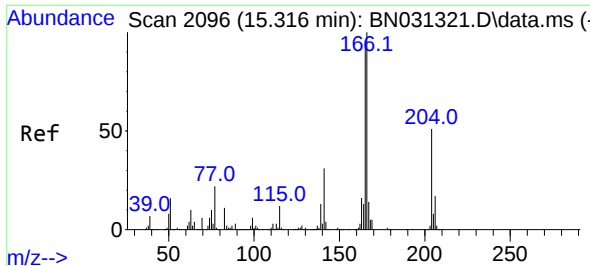


#56
Dibenzofuran
Concen: 2.169 ng/u1
RT: 14.663 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33



Tgt Ion:168 Resp: 124569
Ion Ratio Lower Upper
168 100
139 38.4 29.7 44.5





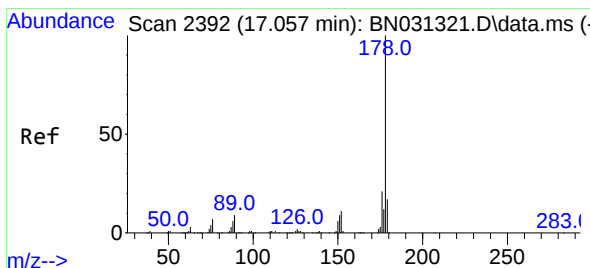
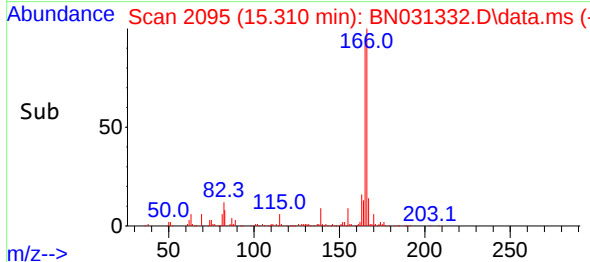
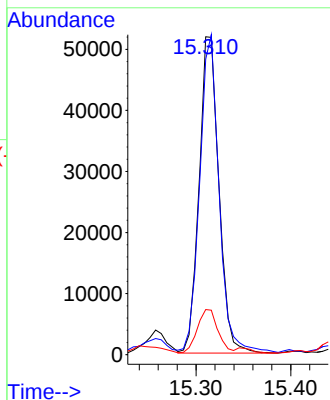
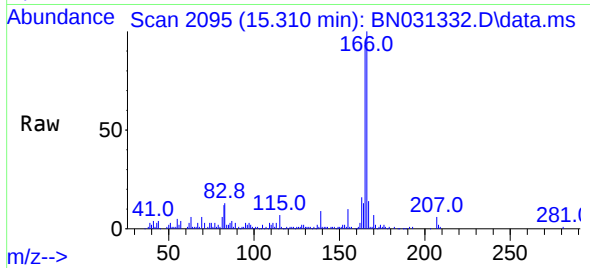
#61
Fluorene
Concen: 1.640 ng/ul
RT: 15.310 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

Instrument :
BNA_N
ClientSampleId :
E1CW9

Tgt Ion:166 Resp: 7508
Ion Ratio Lower Upper
166 100
165 93.0 77.9 116.9
167 14.2 10.9 16.3

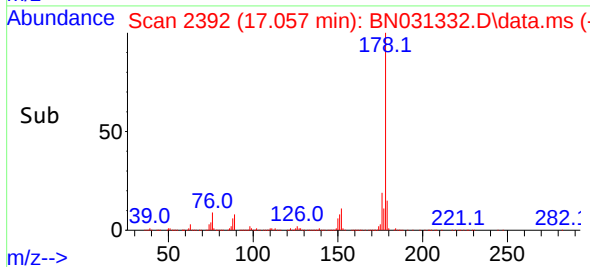
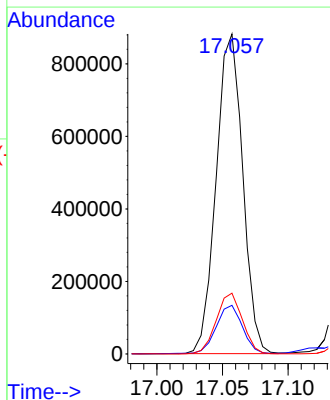
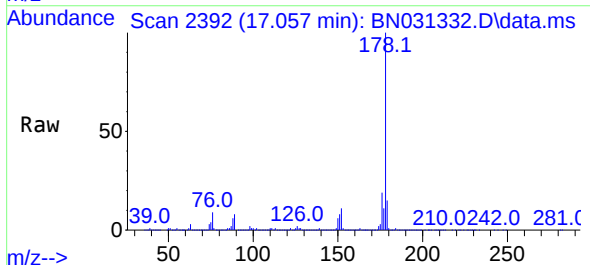
Manual Integrations
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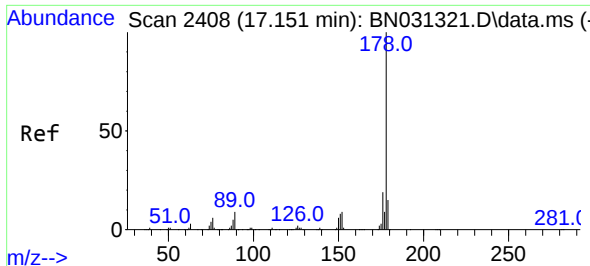
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#72
Phenanthrene
Concen: 15.667 ng/ul
RT: 17.057 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

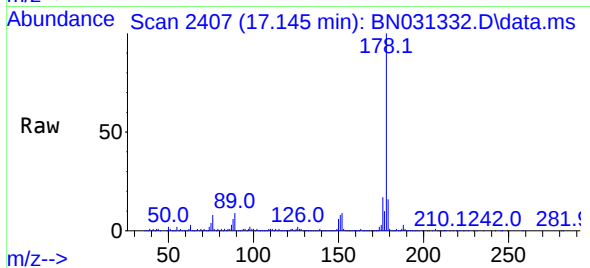
Tgt Ion:178 Resp: 1240967
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 19.0 15.6 23.4





#74
 Anthracene
 Concen: 5.417 ng/ul
 RT: 17.145 min Scan# 2408
 Delta R.T. -0.006 min
 Lab File: BN031332.D
 Acq: 30 Apr 2024 22:33

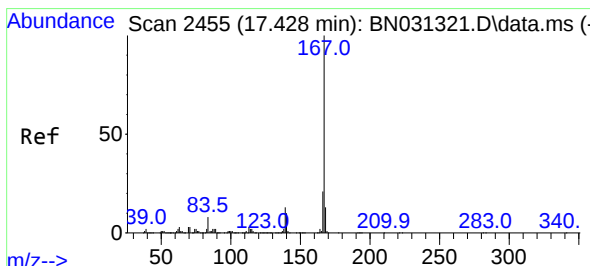
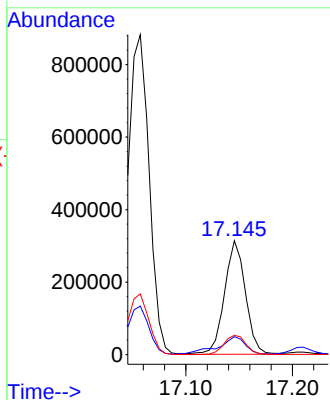
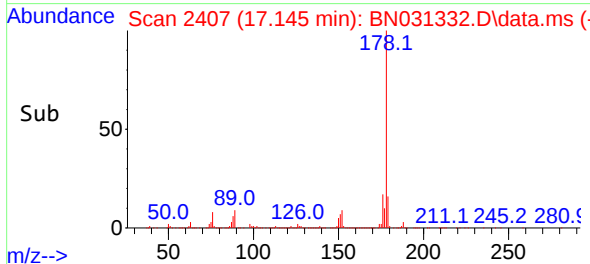
Instrument :
 BNA_N
 ClientSampleId :
 E1CW9



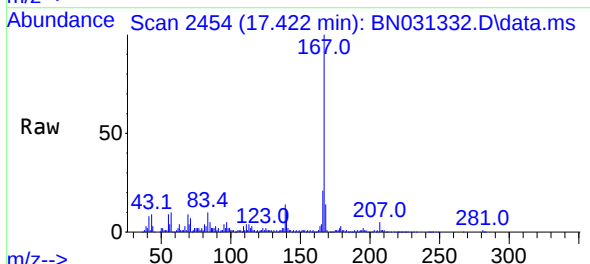
Tgt Ion:178 Resp: 429084
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.0 18.0
 176 17.0 15.1 22.7

Manual Integrations
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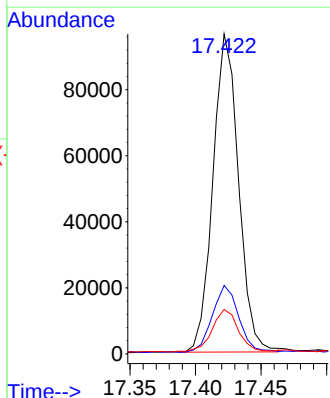
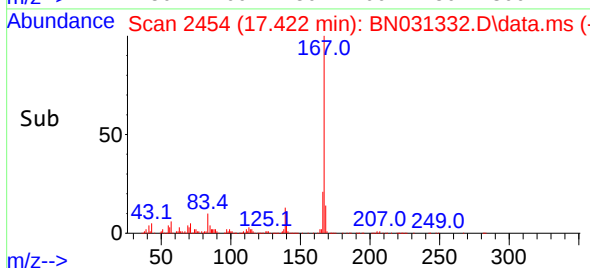
Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

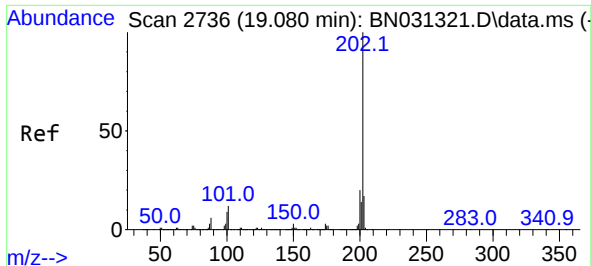


#77
 Carbazole
 Concen: 1.889 ng/ul
 RT: 17.422 min Scan# 2454
 Delta R.T. -0.006 min
 Lab File: BN031332.D
 Acq: 30 Apr 2024 22:33



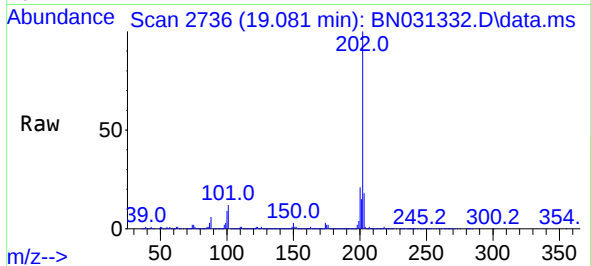
Tgt Ion:167 Resp: 130694
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.7 25.1
 139 13.9 10.4 15.6





#80
Fluoranthene
Concen: 24.277 ng/u1
RT: 19.081 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

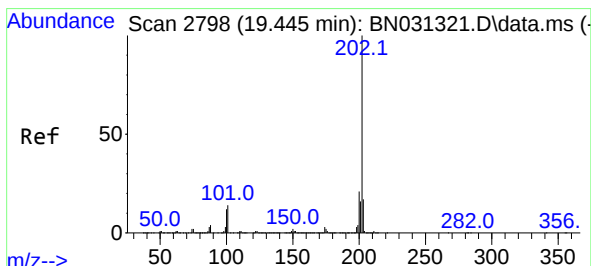
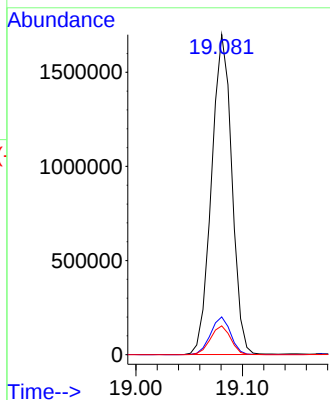
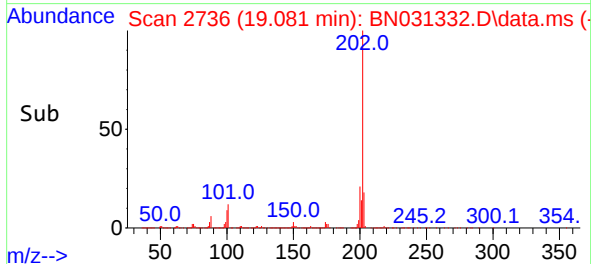
Instrument :
BNA_N
ClientSampleId :
E1CW9



Tgt Ion:202 Resp: 2257162
Ion Ratio Lower Upper
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101 11.8 9.0 13.6
100 9.0 6.7 10.1

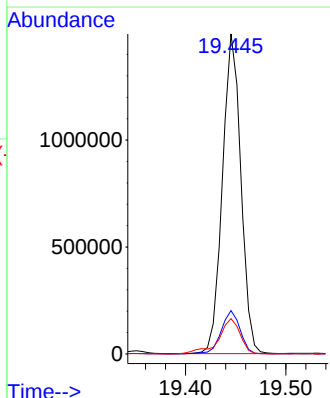
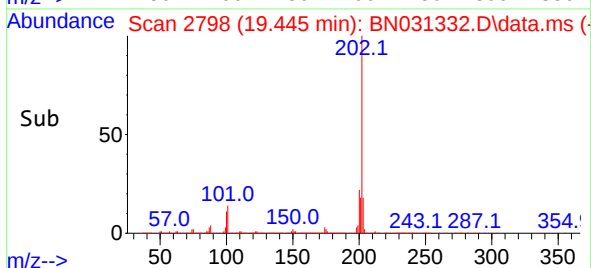
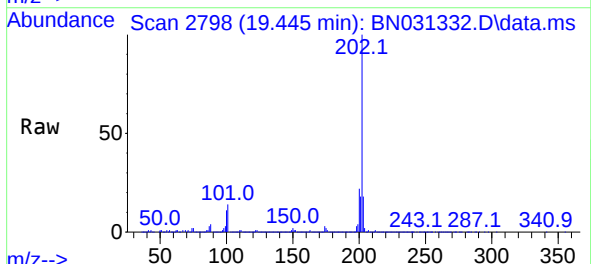
Manual Integrations
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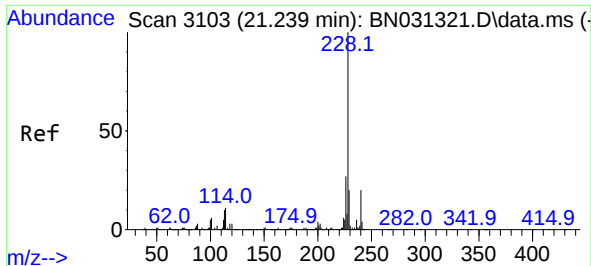
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#82
Pyrene
Concen: 20.131 ng/u1
RT: 19.445 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

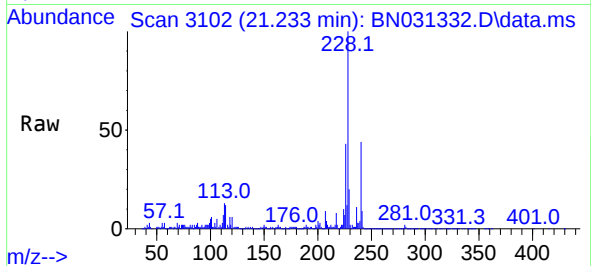
Tgt Ion:202 Resp: 1909353
Ion Ratio Lower Upper
202 100
101 13.6 11.0 16.6
100 11.1 9.2 13.8





#85
Benzo(a)anthracene
Concen: 10.041 ng/ul m
RT: 21.233 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

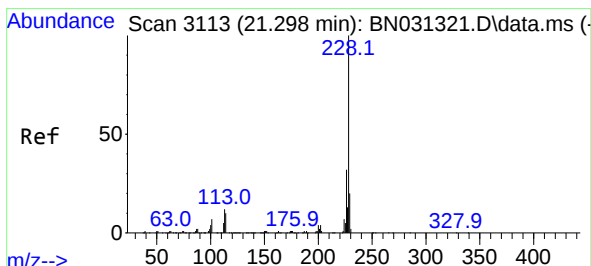
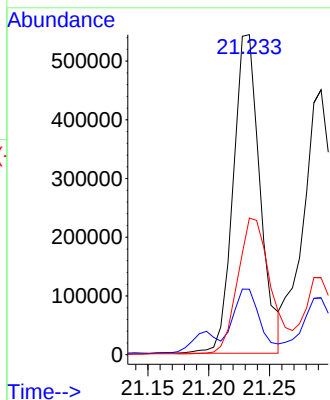
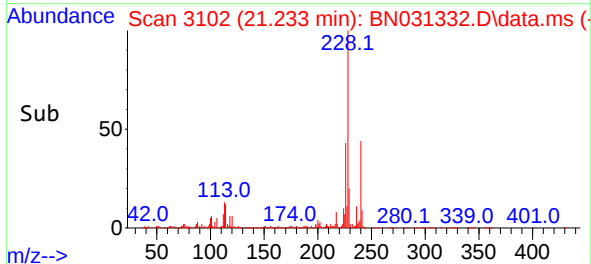
Instrument :
BNA_N
ClientSampleId :
E1CW9



Tgt Ion:228 Resp: 834508
Ion Ratio Lower Upper
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229 20.5 15.9 23.9
226 42.7 21.1 31.7

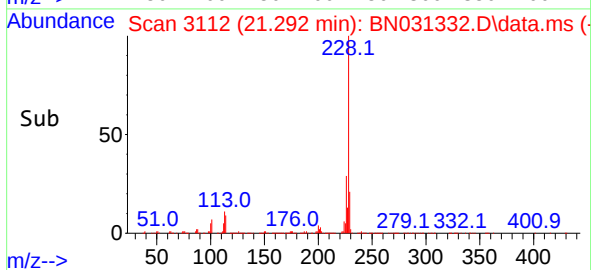
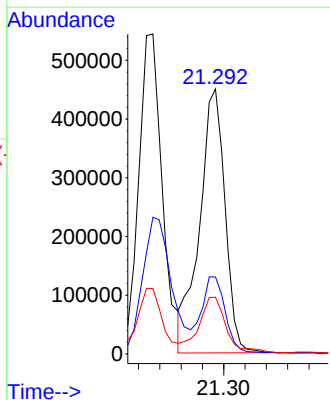
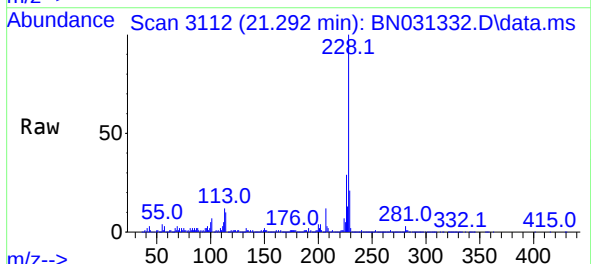
Manual Integrations
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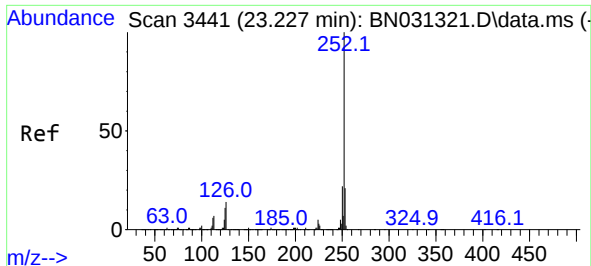
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#87
Chrysene
Concen: 9.629 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

Tgt Ion:228 Resp: 749763
Ion Ratio Lower Upper
228 100
226 29.1 24.5 36.7
229 21.5 16.7 25.1





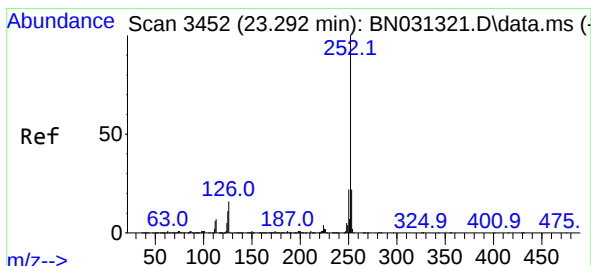
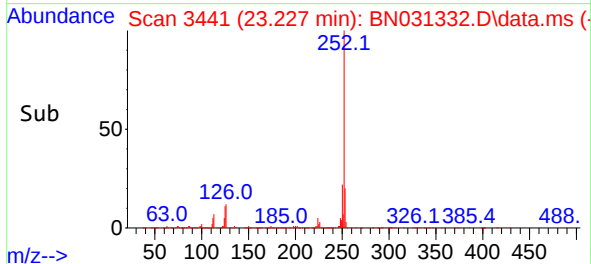
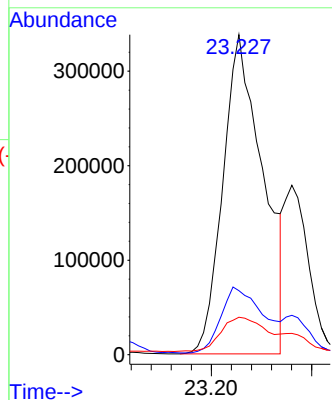
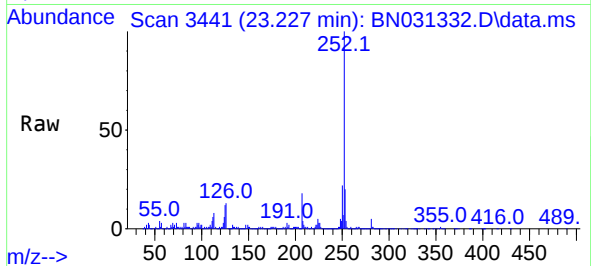
#90
Benzo(b)fluoranthene
Concen: 12.823 ng/u1
RT: 23.227 min Scan# 3441
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

Instrument :
BNA_N
ClientSampleId :
E1CW9

Tgt Ion:252 Resp: 937811
Ion Ratio Lower Upper
252 100
253 20.0 15.7 23.5
125 11.7 8.6 13.0

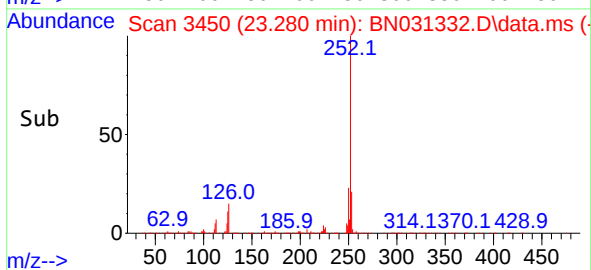
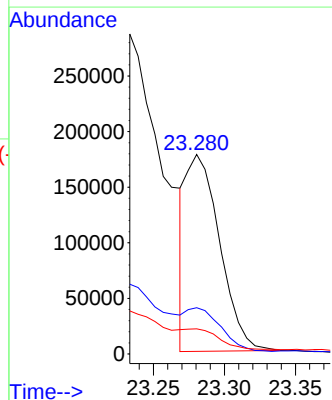
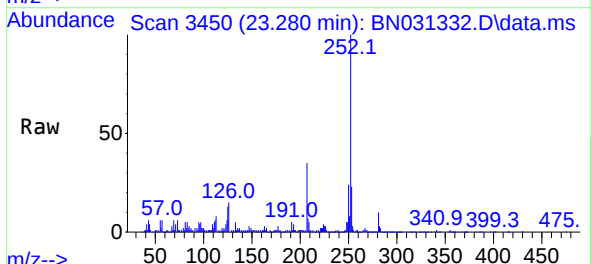
Manual Integrations
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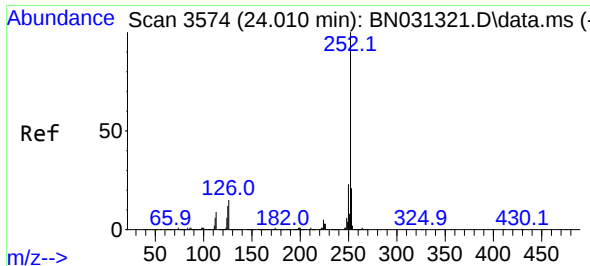
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#91
Benzo(k)fluoranthene
Concen: 4.033 ng/u1
RT: 23.280 min Scan# 3450
Delta R.T. -0.012 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

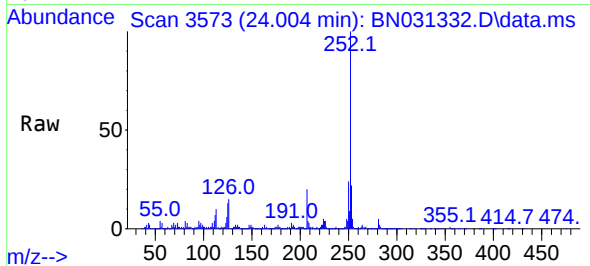
Tgt Ion:252 Resp: 290042
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 12.6 8.7 13.1





#93
Benzo(a)pyrene
Concen: 10.295 ng/u1
RT: 24.004 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

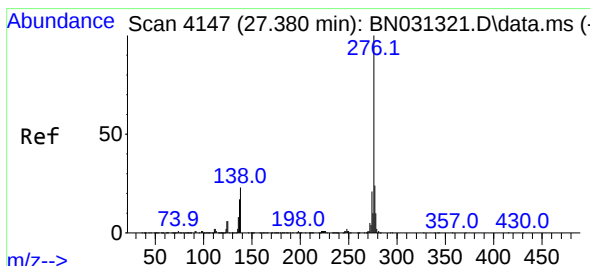
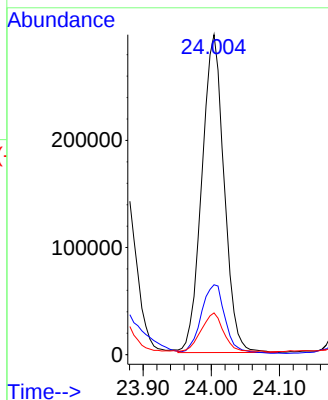
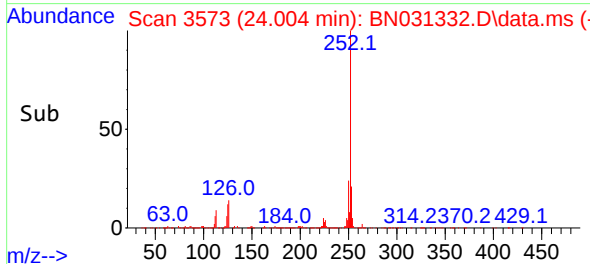
Instrument :
BNA_N
ClientSampleId :
E1CW9



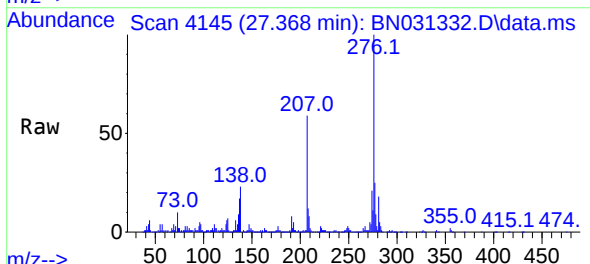
Tgt Ion:252 Resp: 673432
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 13.1 9.7 14.5

Manual Integrations
APPROVED

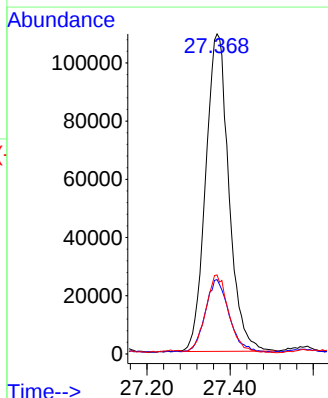
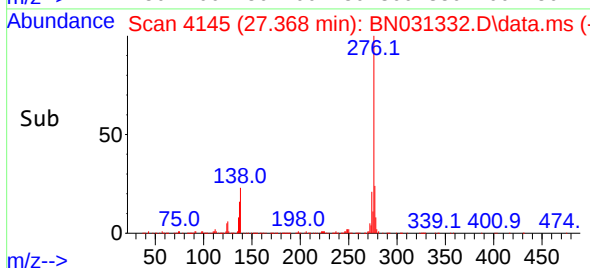
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

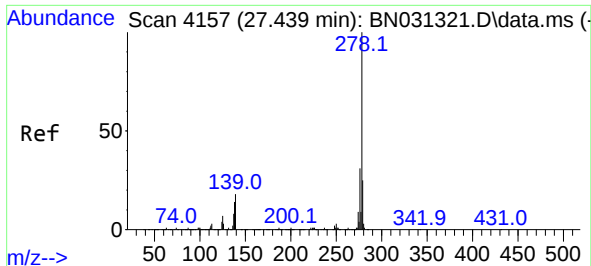


#94
Indeno(1,2,3-cd)pyrene
Concen: 5.711 ng/u1
RT: 27.368 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33



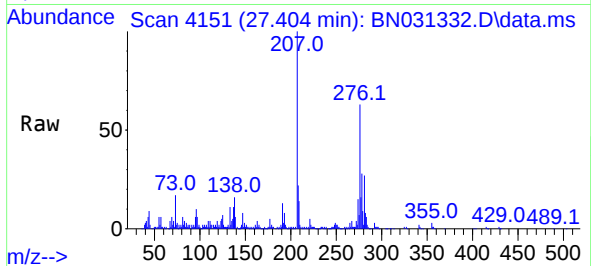
Tgt Ion:276 Resp: 423301
Ion Ratio Lower Upper
276 100
138 23.2 18.1 27.1
277 24.7 19.5 29.3





#95
Dibenzo(a,h)anthracene
Concen: 1.432 ng/ul m
RT: 27.404 min Scan# 4157
Delta R.T. -0.035 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

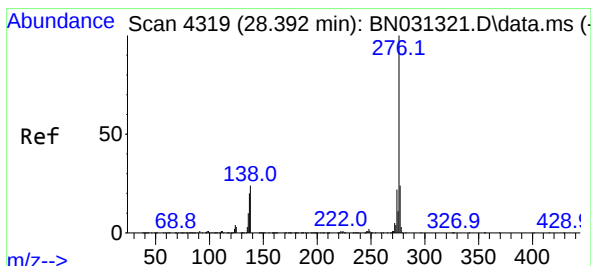
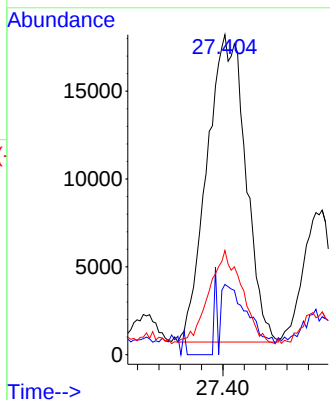
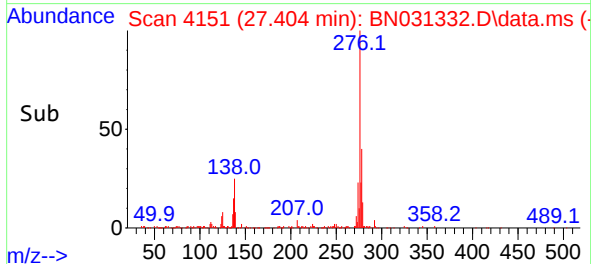
Instrument :
BNA_N
ClientSampleId :
E1CW9



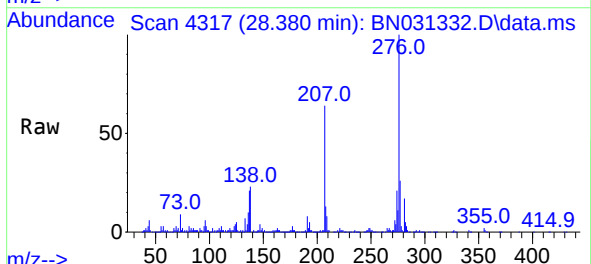
Tgt Ion:278 Resp: 8815
Ion Ratio Lower Upper
278 100
139 21.9 13.9 20.9
279 32.6 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#96
Benzo(g,h,i)perylene
Concen: 7.031 ng/ul
RT: 28.380 min Scan# 4317
Delta R.T. -0.012 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33



Tgt Ion:276 Resp: 420302
Ion Ratio Lower Upper
276 100
138 23.1 18.8 28.2
277 25.6 18.0 27.0

