

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035682.D
 Acq On : 18 Dec 2024 22:54
 Operator : RC/JU
 Sample : P5258-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W7

Manual Integrations
 APPROVED

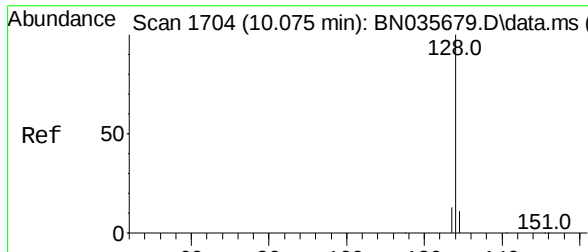
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 02:15:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

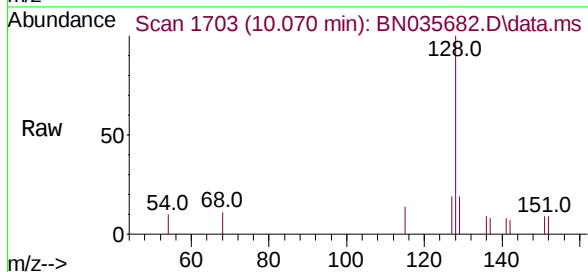
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	2957	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8134	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.940	164	5757	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	12198	0.400	ng/ul	0.00
17) Chrysene-d12	20.956	240	10307	0.400	ng/ul	0.00
23) Perylene-d12	23.042	264	13076	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	10603	4.044	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2848	0.246	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	6417	0.213	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.070	128	1353m	0.068	ng/ul	
7) 2-Methylnaphthalene	11.703	142	1150	0.086	ng/ul	98
8) 1-Methylnaphthalene	11.928	142	566	0.041	ng/ul	97
10) Acenaphthylene	13.653	152	3250	0.146	ng/ul	95
11) Acenaphthene	14.000	153	458	0.027	ng/ul#	89
12) Fluorene	15.008	166	792	0.040	ng/ul#	93
15) Phenanthrene	16.751	178	12869	0.422	ng/ul	99
16) Anthracene	16.840	178	4534	0.159	ng/ul#	94
19) Fluoranthene	18.791	202	44301	1.202	ng/ul	100
20) Pyrene	19.163	202	39884	0.982	ng/ul	98
21) Benzo(a)anthracene	20.941	228	22902	0.670	ng/ul	95
22) Chrysene	20.991	228	22049	0.622	ng/ul	97
24) Benzo(b)fluoranthene	22.434	252	34621m	0.898	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	14198m	0.333	ng/ul	
26) Benzo(a)pyrene	22.951	252	23509m	0.630	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.067	276	16676m	0.367	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	4028m	0.116	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	16089	0.441	ng/ul	97

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



Scan 1704 (10.075 min): BN035679.D\data.ms (-1655) (-)
 Naphthalene
 Concen: 0.068 ng/ul m
 RT: 10.070 min Scan# 1
 Delta R.T. -0.011 min
 Lab File: BN035682.D
 Acq: 18 Dec 2024 22:54

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 E28W7

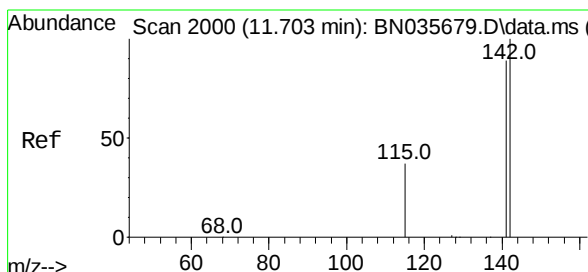
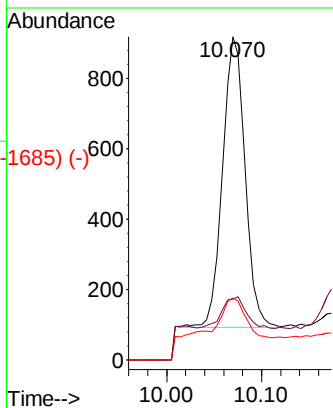
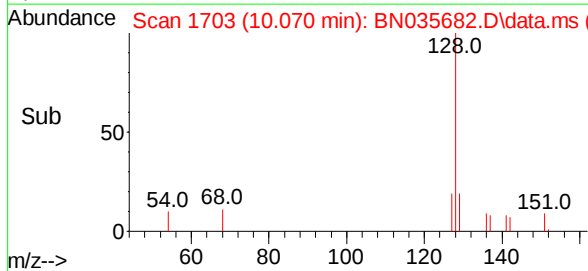


Tgt Ion:128 Resp: 135

Ion	Ratio	Lower	Upper
128	100		
129	18.8	10.8	16.2
127	19.1	12.0	18.0

Manual Integrations
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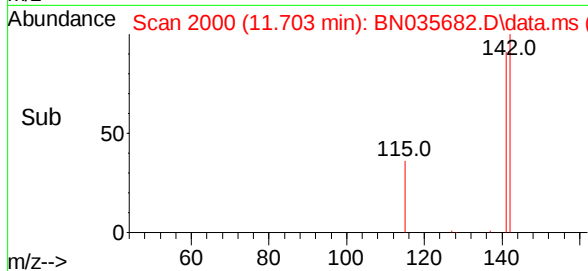
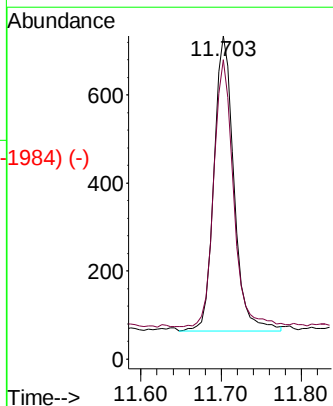
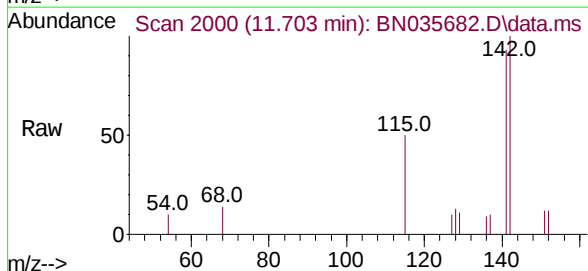
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024

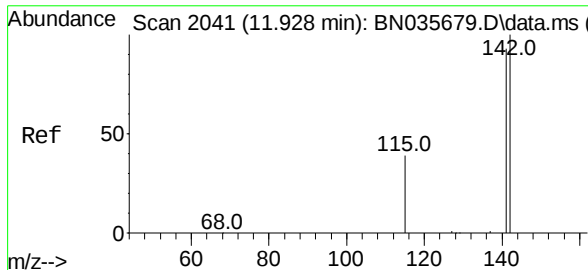


Scan 2000 (11.703 min): BN035679.D\data.ms (-1991) (-)
 2-Methylnaphthalene
 Concen: 0.086 ng/ul
 RT: 11.703 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN035682.D
 Acq: 18 Dec 2024 22:54

Tgt Ion:142 Resp: 1150

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.8	109.2





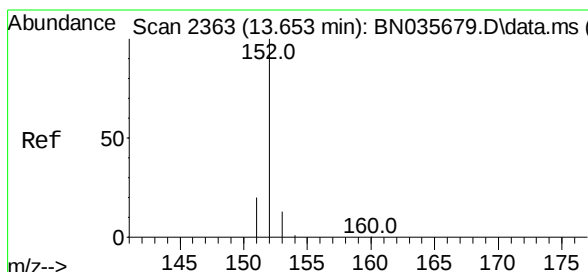
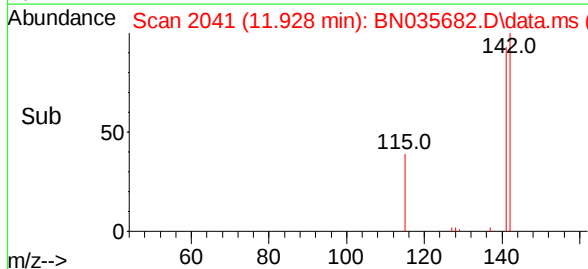
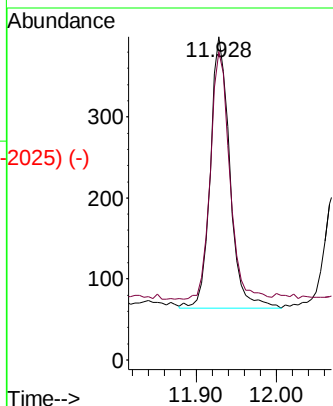
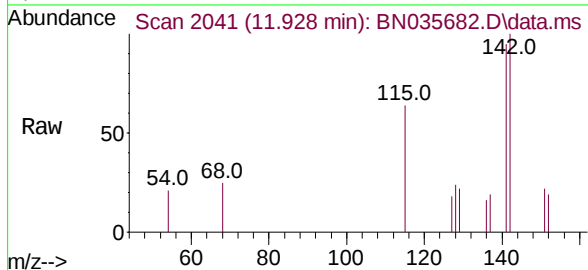
1-Methylnaphthalene
 Concen: 0.041 ng/u1
 RT: 11.928 min Scan# 2041
 Delta R.T. -0.011 min
 Lab File: BN035682.D
 Acq: 18 Dec 2024 22:54

Instrument :
 BNA_N
 ClientSampleId :
 E28W7

Tgt Ion:142 Resp: 50
 Ion Ratio Lower Upper
 142 100
 141 90.1 74.7 112.1

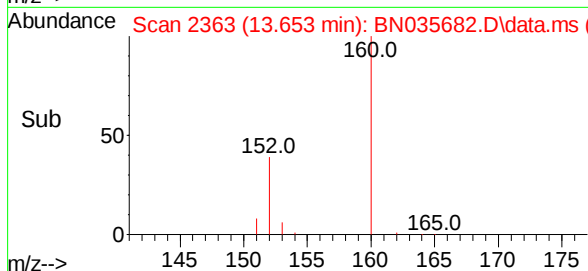
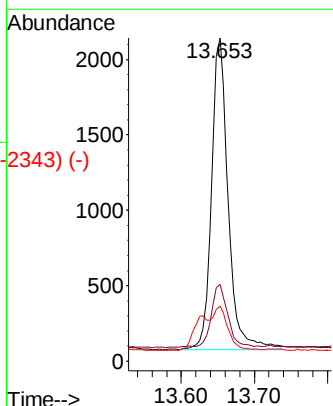
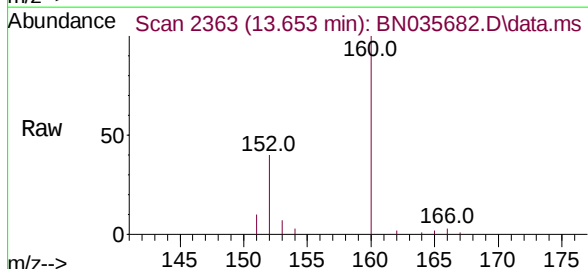
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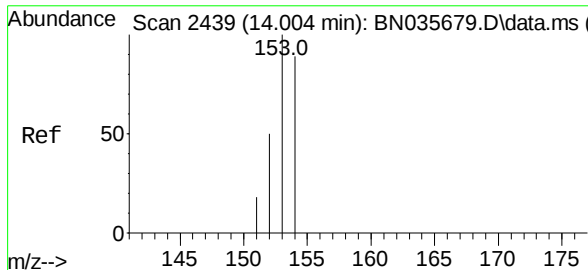
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024



Acenaphthylene
 Concen: 0.146 ng/u1
 RT: 13.653 min Scan# 2363
 Delta R.T. -0.009 min
 Lab File: BN035682.D
 Acq: 18 Dec 2024 22:54

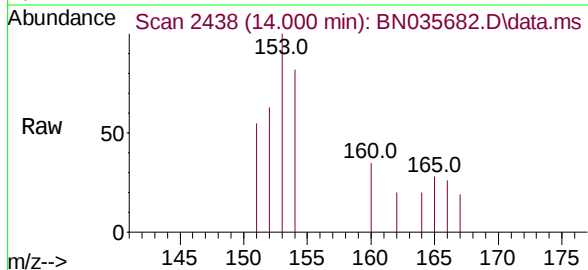
Tgt Ion:152 Resp: 3250
 Ion Ratio Lower Upper
 152 100
 151 23.7 17.6 26.4
 153 17.1 11.4 17.2





Acenaphthene
Concen: 0.027 ng/u1
RT: 14.000 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN035682.D
Acq: 18 Dec 2024 22:54

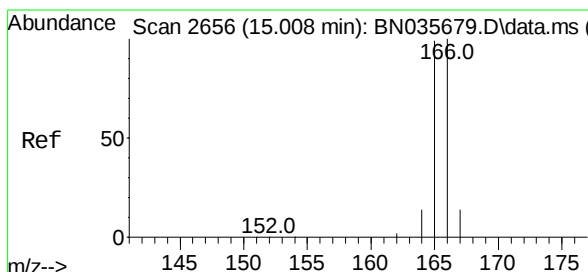
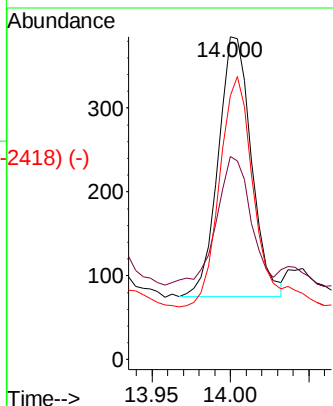
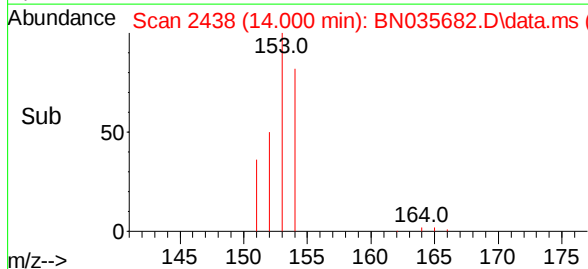
Instrument :
BNA_N
ClientSampleId :
E28W7



Tgt Ion:153 Resp: 45
Ion Ratio Lower Upper
153 100
152 62.9 39.8 59.6
154 81.8 69.8 104.8

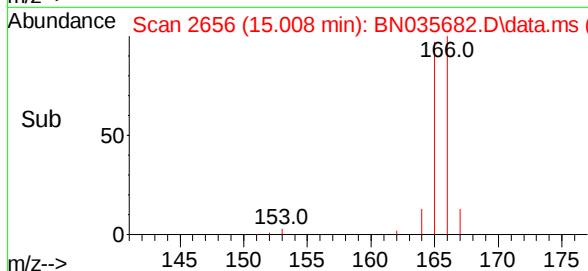
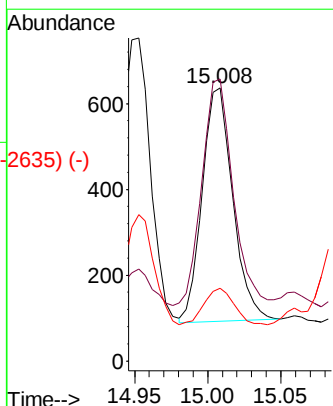
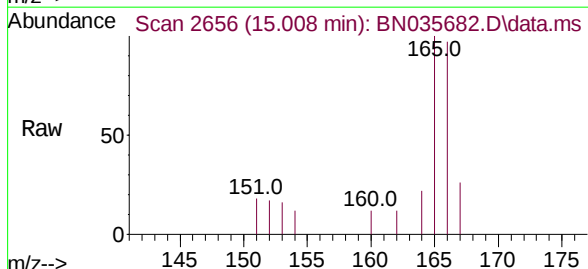
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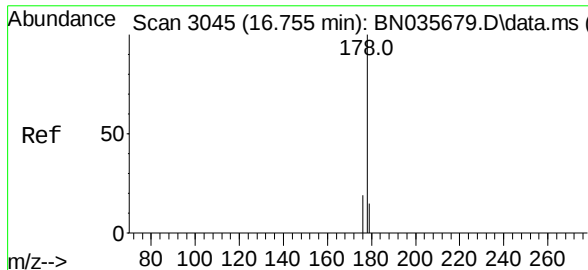
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



Fluorene
Concen: 0.040 ng/u1
RT: 15.008 min Scan# 2656
Delta R.T. -0.004 min
Lab File: BN035682.D
Acq: 18 Dec 2024 22:54

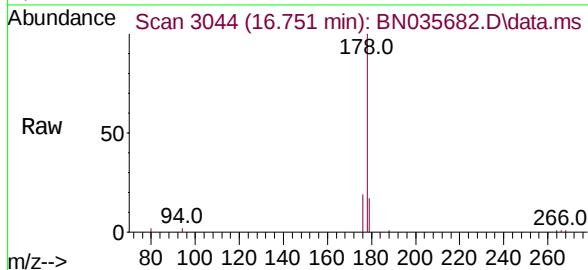
Tgt Ion:166 Resp: 792
Ion Ratio Lower Upper
166 100
165 103.3 79.5 119.3
167 26.6 11.8 17.8#





Phenanthrene
Concen: 0.422 ng/ul
RT: 16.751 min Scan# 3044
Delta R.T. -0.008 min
Lab File: BN035682.D
Acq: 18 Dec 2024 22:54

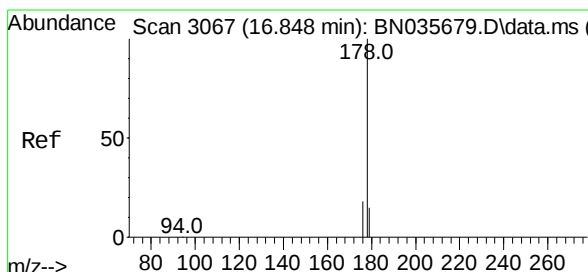
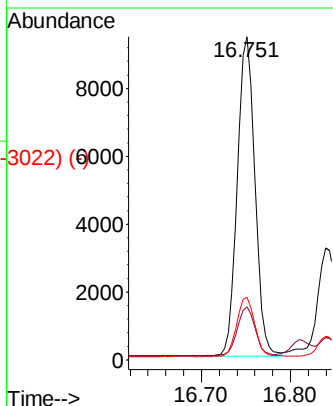
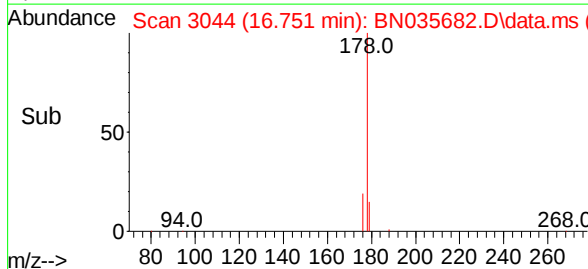
Instrument :
BNA_N
ClientSampleId :
E28W7



Tgt Ion:178 Resp: 1286
Ion Ratio Lower Upper
178 100
179 16.5 13.3 19.9
176 19.4 15.8 23.8

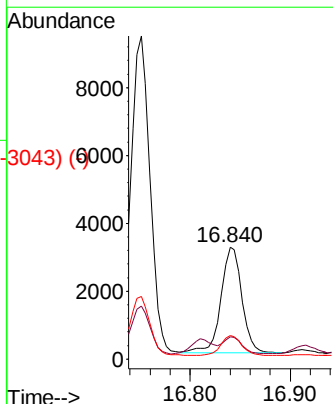
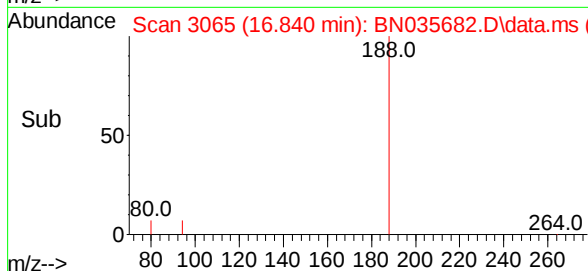
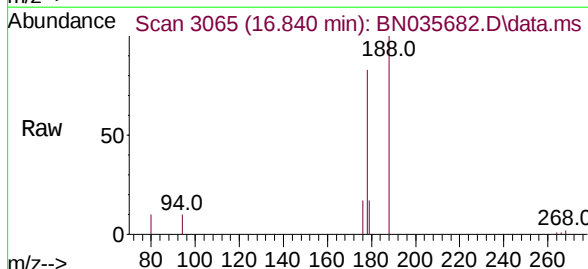
Manual Integrations
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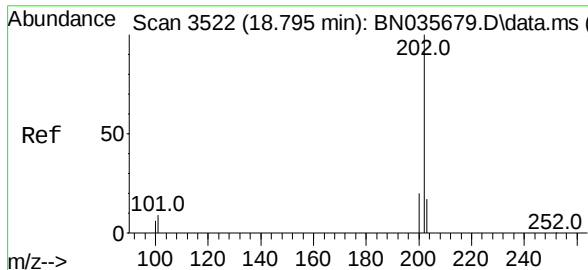
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



Anthracene
Concen: 0.159 ng/ul
RT: 16.840 min Scan# 3065
Delta R.T. -0.008 min
Lab File: BN035682.D
Acq: 18 Dec 2024 22:54

Tgt Ion:178 Resp: 4534
Ion Ratio Lower Upper
178 100
179 20.2 13.4 20.0#
176 21.1 15.4 23.0





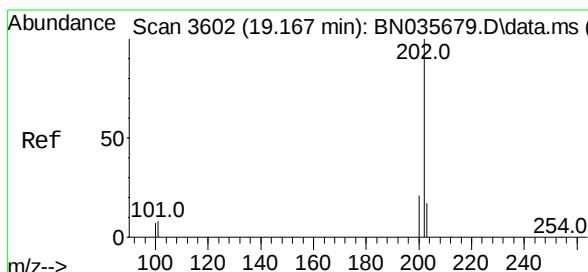
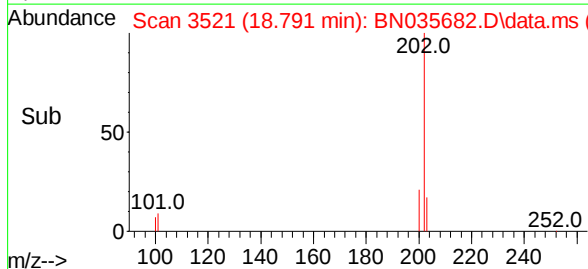
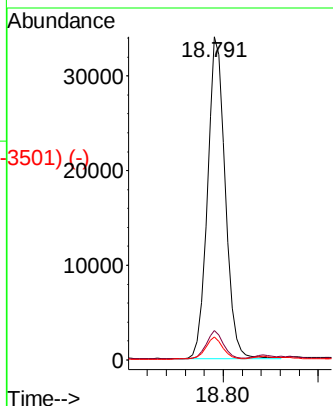
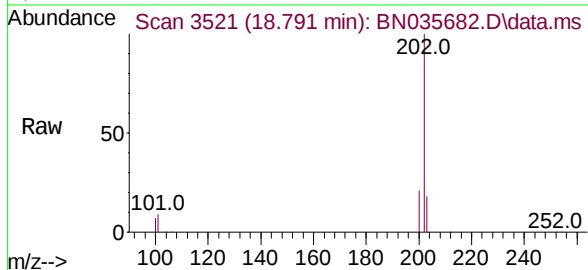
Fluoranthene
Concen: 1.202 ng/u1
RT: 18.791 min Scan# 3519
Delta R.T. -0.009 min
Lab File: BN035682.D
Acq: 18 Dec 2024 22:54

Instrument :
BNA_N
ClientSampleId :
E28W7

Tgt Ion:	202	Resp:	4430
Ion Ratio	Lower	Upper	
202	100		
101	9.1	7.3	10.9
100	7.0	5.4	8.0

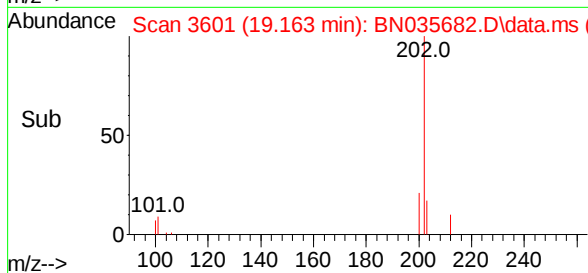
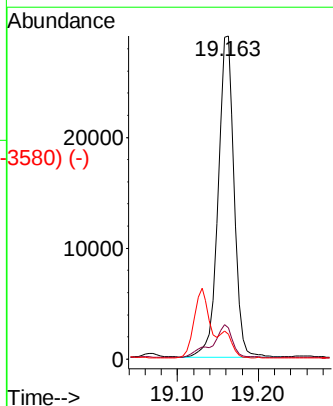
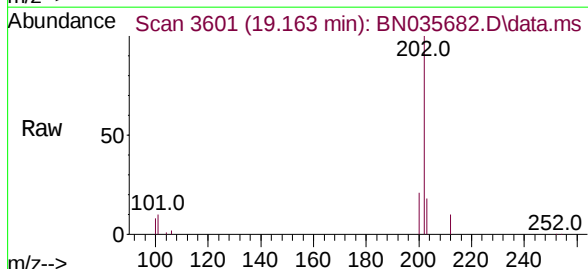
Manual Integrations
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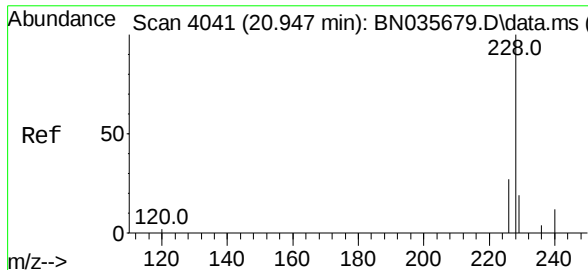
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



Pyrene
Concen: 0.982 ng/u1
RT: 19.163 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN035682.D
Acq: 18 Dec 2024 22:54

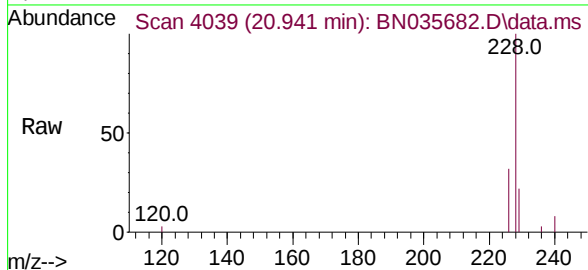
Tgt Ion:	202	Resp:	39884
Ion Ratio	Lower	Upper	
202	100		
101	9.7	8.5	12.7
100	7.8	6.5	9.7





Benzo(a)anthracene
Concen: 0.670 ng/u1
RT: 20.941 min Scan# 4039
Delta R.T. -0.009 min
Lab File: BN035682.D
Acq: 18 Dec 2024 22:54

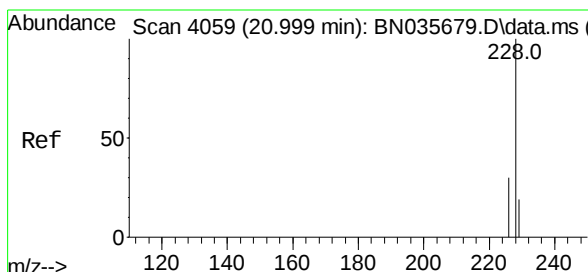
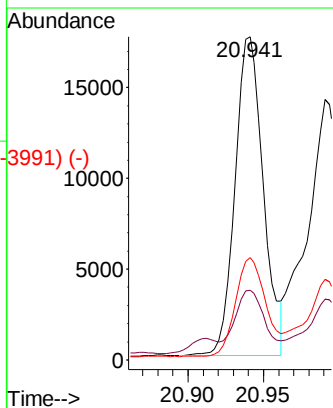
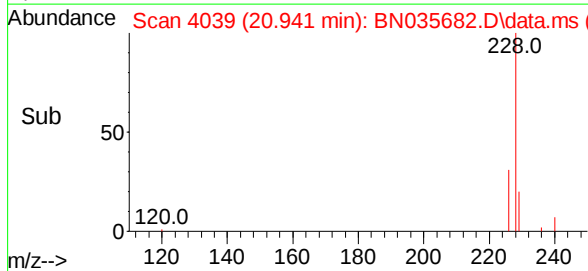
Instrument :
BNA_N
ClientSampleId :
E28W7



Tgt Ion:228 Resp: 2290
Ion Ratio Lower Upper
228 100
229 21.6 16.6 25.0
226 31.7 22.5 33.7

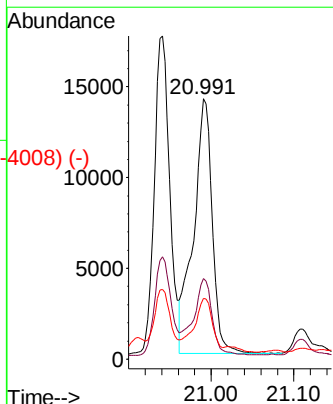
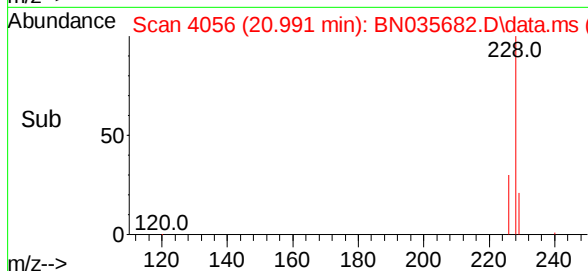
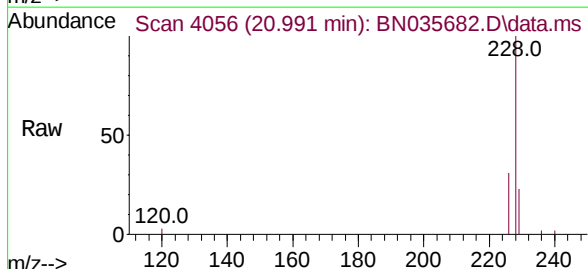
Manual Integrations
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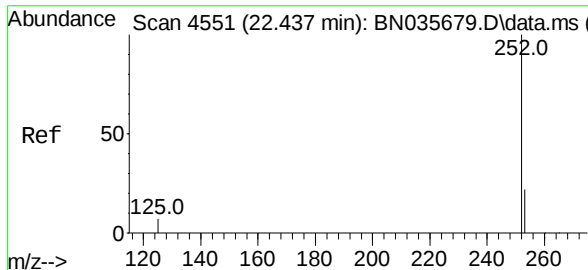
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



Chrysene
Concen: 0.622 ng/u1
RT: 20.991 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035682.D
Acq: 18 Dec 2024 22:54

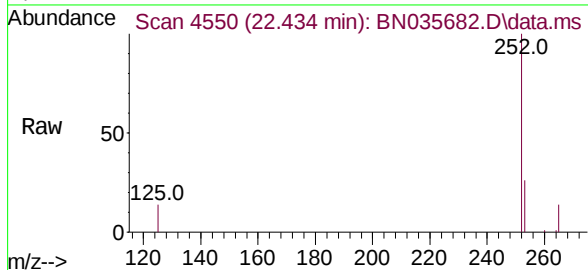
Tgt Ion:228 Resp: 22049
Ion Ratio Lower Upper
228 100
226 31.1 25.1 37.7
229 23.3 16.6 24.8





Scan 4551 (22.437 min): BN035679.D\data.ms (-4524) (-)
 Benzo(b)fluoranthene
 Concen: 0.898 ng/ul m
 RT: 22.434 min Scan# 4551
 Delta R.T. -0.009 min
 Lab File: BN035682.D
 Acq: 18 Dec 2024 22:54

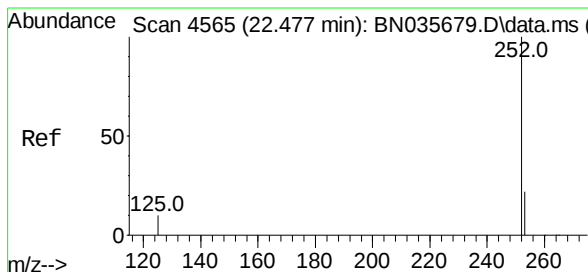
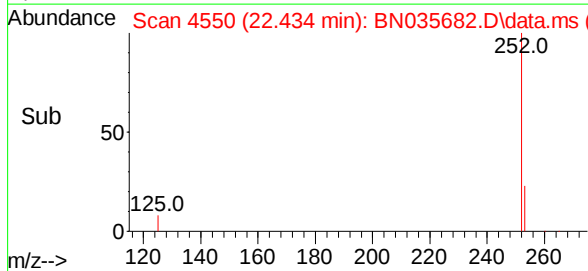
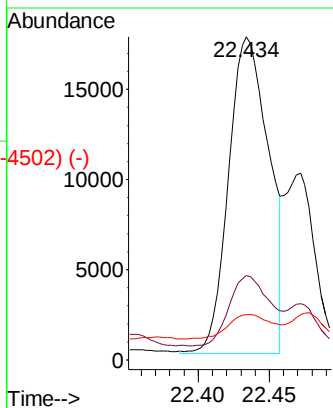
Instrument :
 BNA_N
 ClientSampleId :
 E28W7



Tgt Ion:252 Resp: 3462
 Ion Ratio Lower Upper
 252 100
 253 26.0 0.0 56.4
 125 14.1 0.0 37.6

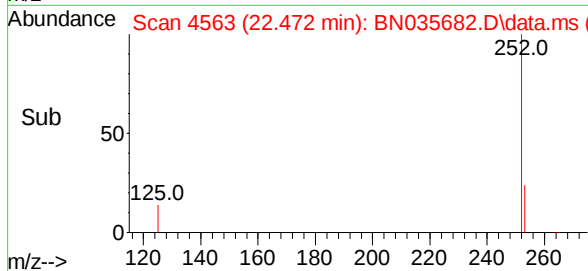
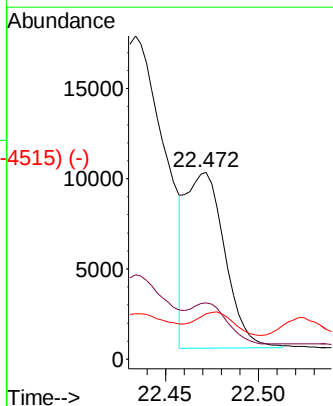
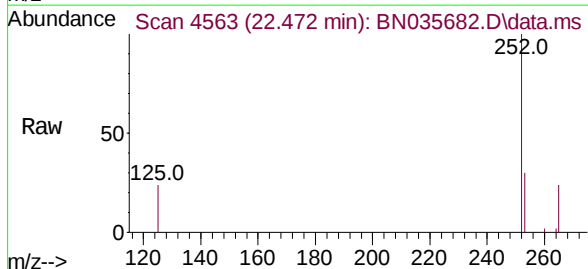
Manual Integrations
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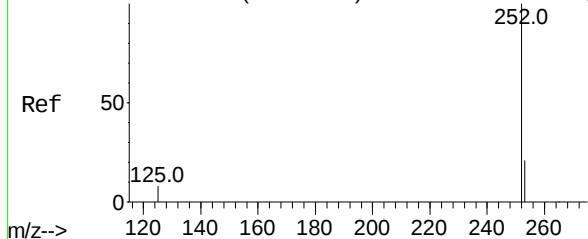


Scan 4565 (22.477 min): BN035679.D\data.ms (-4525) (-)
 Benzo(k)fluoranthene
 Concen: 0.333 ng/ul m
 RT: 22.472 min Scan# 4563
 Delta R.T. -0.009 min
 Lab File: BN035682.D
 Acq: 18 Dec 2024 22:54

Tgt Ion:252 Resp: 14198
 Ion Ratio Lower Upper
 252 100
 253 29.9 22.1 33.1
 125 24.1 15.3 22.9#

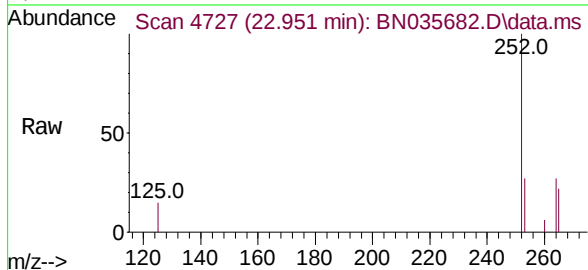


Abundance Scan 4730 (22.960 min): BN035679.D\data.ms (-4729) (-)



Benzo(a)pyrene
Concen: 0.630 ng/u1 m
RT: 22.951 min Scan# 4729
Delta R.T. -0.012 min
Lab File: BN035682.D
Acq: 18 Dec 2024 22:54

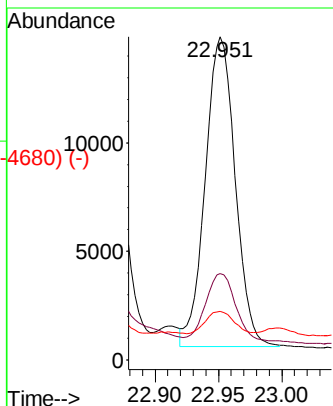
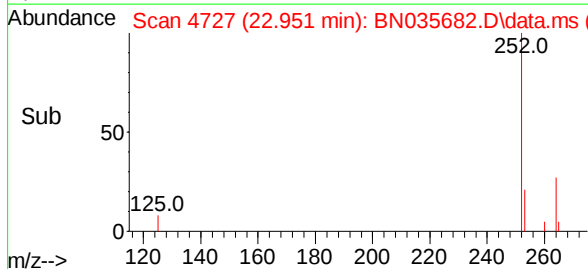
Instrument :
BNA_N
ClientSampleId :
E28W7



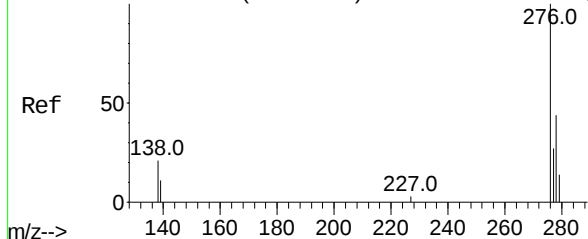
Tgt Ion:	252	Resp:	2350
Ion	Ratio	Lower	Upper
252	100		
253	26.8	24.1	36.3
125	15.1	19.1	28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

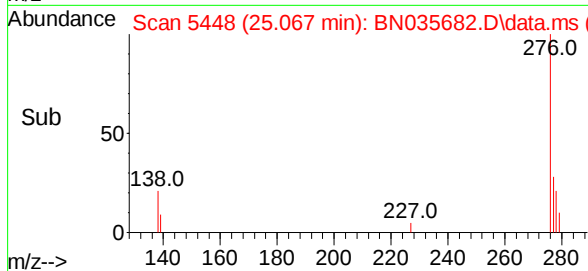
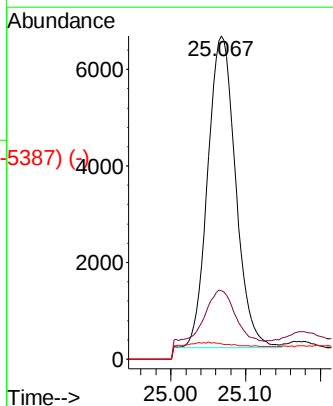
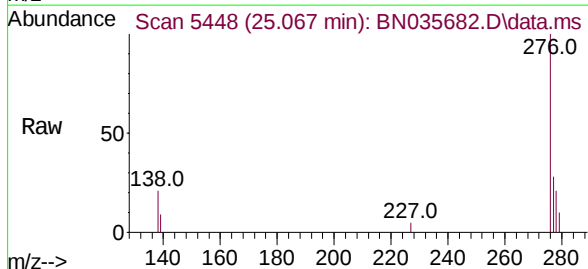


Abundance Scan 5451 (25.077 min): BN035679.D\data.ms (-5427) (-)



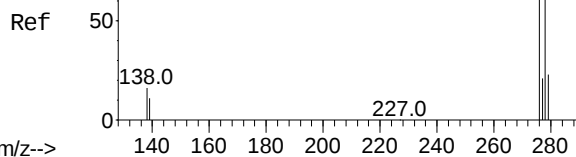
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng/u1 m
RT: 25.067 min Scan# 5448
Delta R.T. -0.013 min
Lab File: BN035682.D
Acq: 18 Dec 2024 22:54

Tgt Ion:	276	Resp:	16676
Ion	Ratio	Lower	Upper
276	100		
138	18.2	14.7	22.1
227	26.4	21.6	32.4



Abundance Scan 5457 (25.097 min): BN035679.D\data.ms (-5428) (-)

Dibenzo(a,h)anthracene
Concen: 0.116 ng/u1 m
RT: 25.074 min Scan#
Delta R.T. -0.027 min
Lab File: BN035682.D
Acq: 18 Dec 2024 22:54

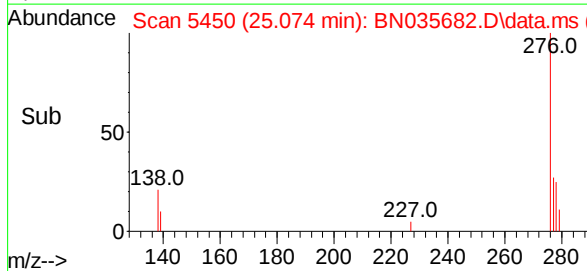
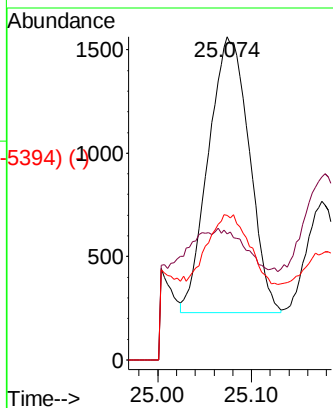
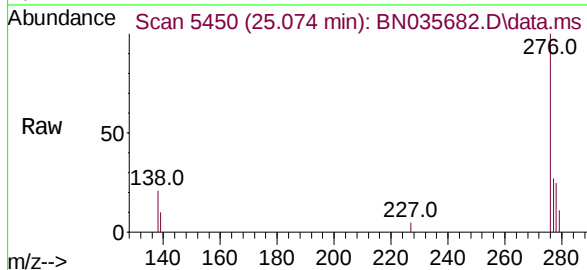


Instrument :
BNA_N
ClientSampleId :
E28W7

Tgt Ion:278 Resp: 402
Ion Ratio Lower Upper
278 100
139 39.0 19.8 29.8
279 44.8 24.0 36.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



Abundance Scan 5635 (25.694 min): BN035679.D\data.ms (-5629) (-)

Benzo(g,h,i)perylene
Concen: 0.441 ng/u1
RT: 25.681 min Scan# 5631
Delta R.T. -0.017 min
Lab File: BN035682.D
Acq: 18 Dec 2024 22:54

Tgt Ion:276 Resp: 16089
Ion Ratio Lower Upper
276 100
138 22.5 19.6 29.4
277 26.3 21.6 32.4

