

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030678.D
 Acq On : 05 Apr 2024 17:38
 Operator : MA/JU
 Sample : P1992-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 05 22:59:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	171753	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	839233	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	595191	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1291244	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1303748	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1379933	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	20253	5.529	ng/uL	0.00
4) Pyridine-d5	3.599	84	175466	15.975	ng/u1	0.00
7) Phenol-d5	6.864	99	140940	10.144	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	336843	39.252	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	366258	34.749	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	286617	24.614	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	248237	42.640	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	261931	49.182	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	490610	42.079	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	650479	33.888	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1951939	49.120	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	2038638	44.619	ng/u1	0.00
54) 4-Nitrophenol-d4	14.546	143	83805	11.025	ng/u1	0.00
60) Fluorene-d10	15.334	176	1602691	46.089	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	288072	50.544	ng/u1	0.00
73) Anthracene-d10	17.187	188	2606789	46.855	ng/u1	0.00
81) Pyrene-d10	19.486	212	3042068	43.399	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	3132369	49.263	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.522	128	438653	10.191	ng/u1	99
37) 1-Methylnaphthalene	12.363	142	65862	2.158	ng/u1#	96
50) Acenaphthylene	14.057	152	63406	1.201	ng/u1#	84
52) Acenaphthene	14.404	153	4386506	124.688	ng/u1	98
56) Dibenzofuran	14.734	168	101323	2.072	ng/u1#	85
61) Fluorene	15.387	166	1761881	45.327	ng/u1	99
72) Phenanthrene	17.128	178	86200m	1.299	ng/u1	
74) Anthracene	17.216	178	281517	4.198	ng/u1	96
77) Carbazole	17.492	167	690466	11.740	ng/u1	99
80) Fluoranthene	19.151	202	1070939	12.853	ng/u1	98
82) Pyrene	19.516	202	578465	6.573	ng/u1	99

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

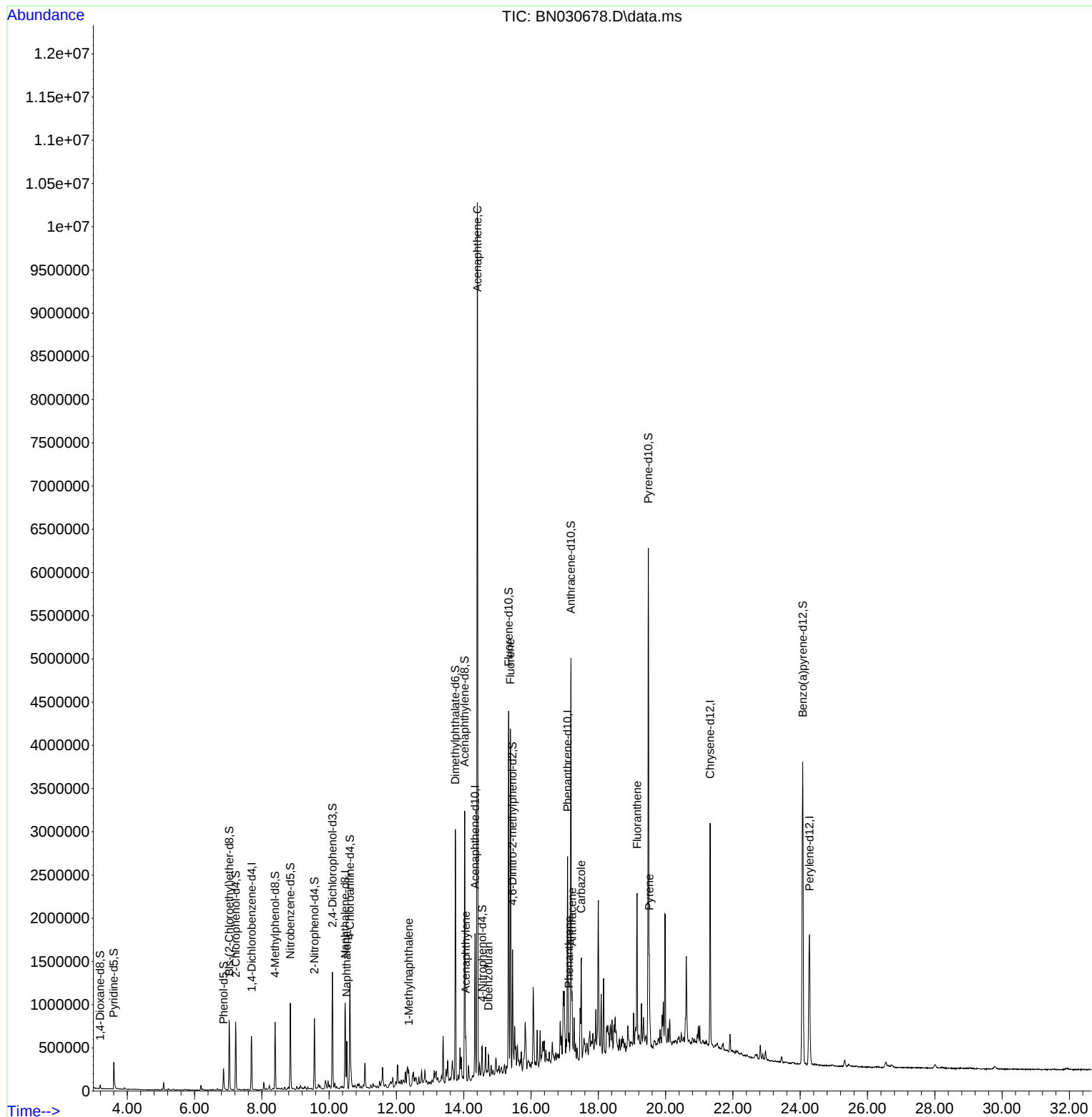
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030678.D
Acq On : 05 Apr 2024 17:38
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

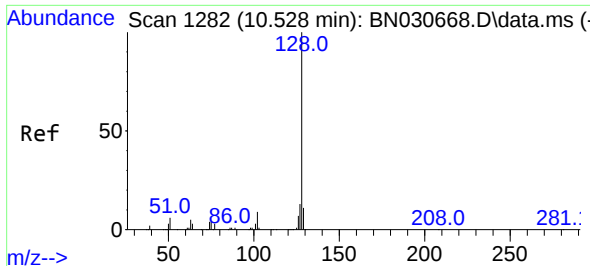
Instrument :
BNA_N
ClientSampleId :
C0AJ9

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Supervised By :mohammad ahmed 04/08/2024

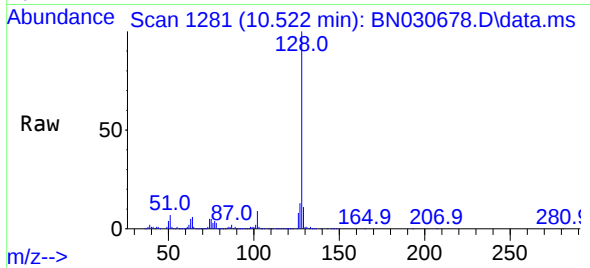
Quant Time: Apr 05 22:59:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 10.191 ng/u1
RT: 10.522 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BN030678.D
Acq: 05 Apr 2024 17:38

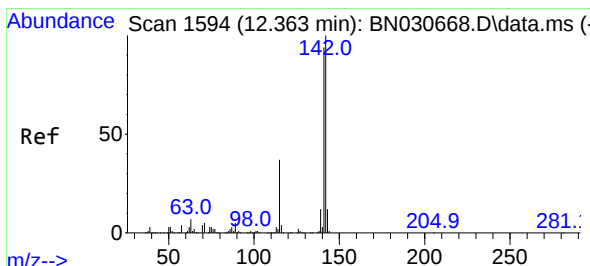
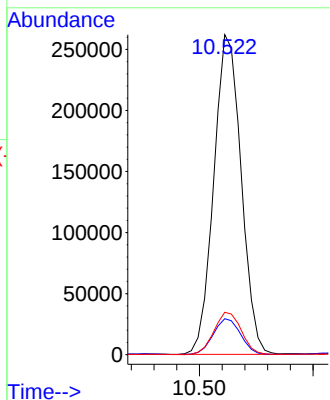
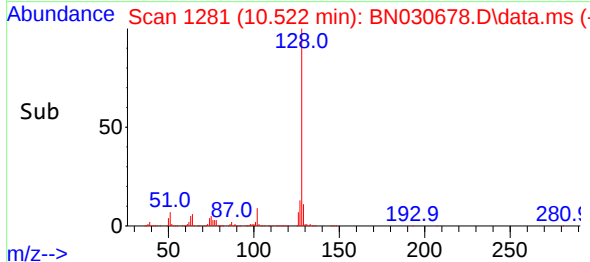
Instrument :
BNA_N
ClientSampleId :
C0AJ9



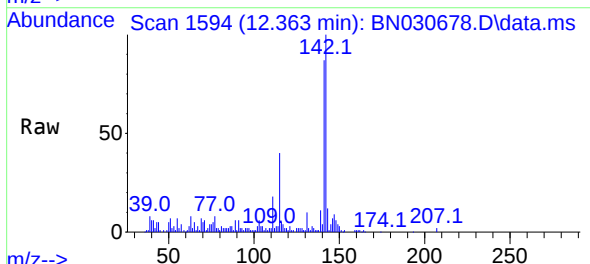
Tgt Ion:128 Resp: 43865
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.5 15.7

Manual Integrations
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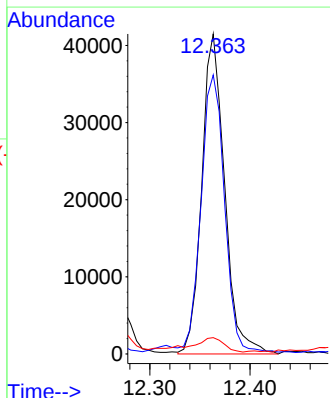
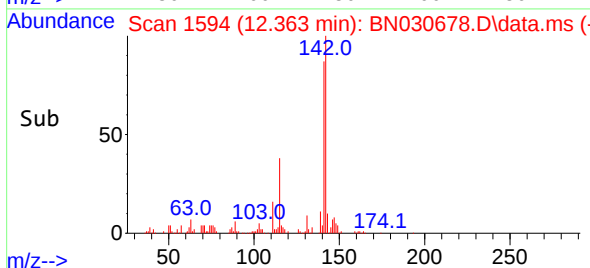
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

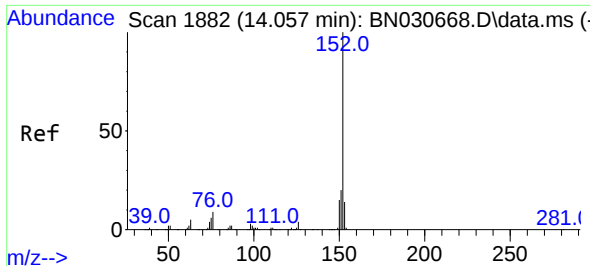


#37
1-Methylnaphthalene
Concen: 2.158 ng/u1
RT: 12.363 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BN030678.D
Acq: 05 Apr 2024 17:38



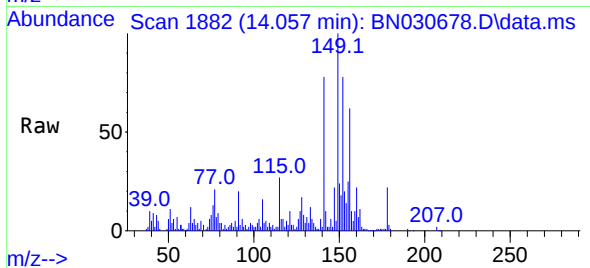
Tgt Ion:142 Resp: 65862
Ion Ratio Lower Upper
142 100
141 87.2 73.0 109.4
116 5.1 2.9 4.3#





#50
Acenaphthylene
Concen: 1.201 ng/ul
RT: 14.057 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BN030678.D
Acq: 05 Apr 2024 17:38

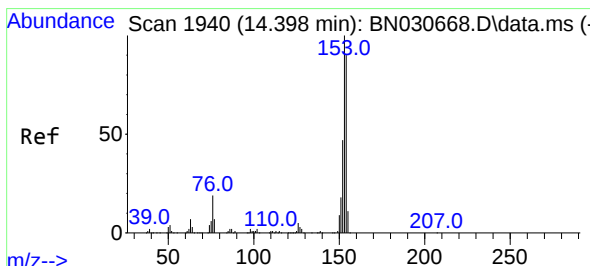
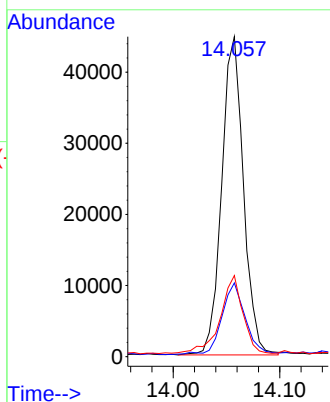
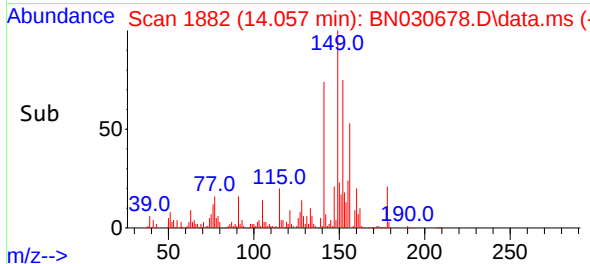
Instrument :
BNA_N
ClientSampleId :
C0AJ9



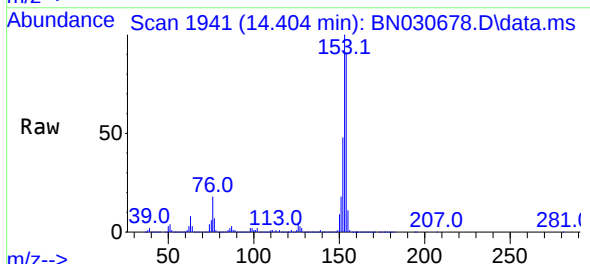
Tgt Ion:152 Resp: 63400
Ion Ratio Lower Upper
152 100
151 23.0 15.8 23.8
153 25.4 10.7 16.1

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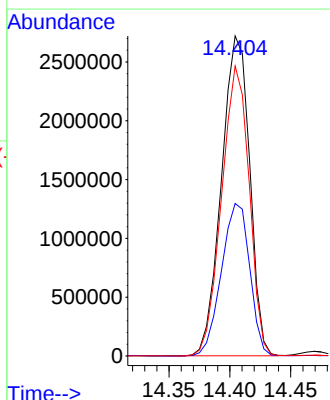
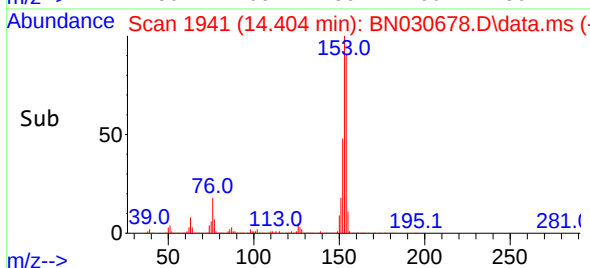
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

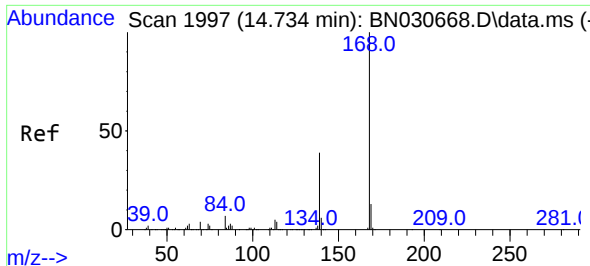


#52
Acenaphthene
Concen: 124.688 ng/ul
RT: 14.404 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BN030678.D
Acq: 05 Apr 2024 17:38



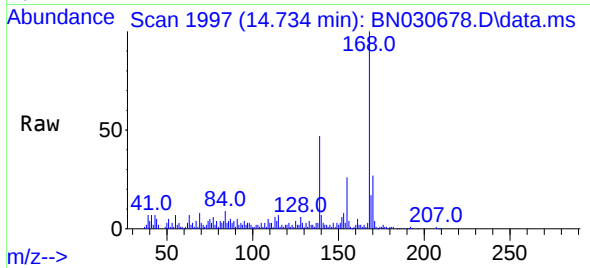
Tgt Ion:153 Resp: 4386506
Ion Ratio Lower Upper
153 100
152 47.6 37.6 56.4
154 90.6 70.3 105.5





#56
Dibenzenofuran
Concen: 2.072 ng/ul
RT: 14.734 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BN030678.D
Acq: 05 Apr 2024 17:38

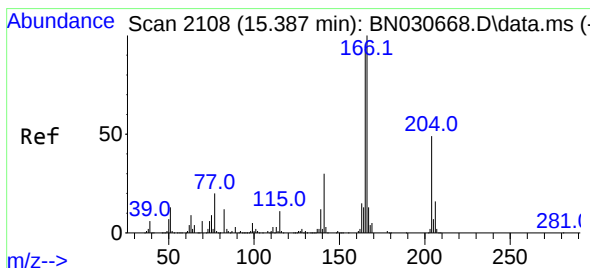
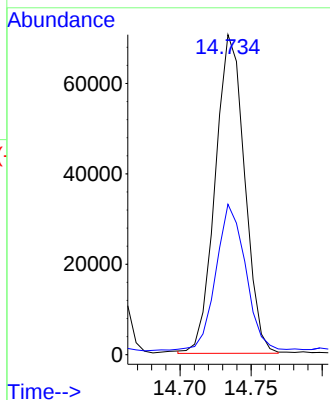
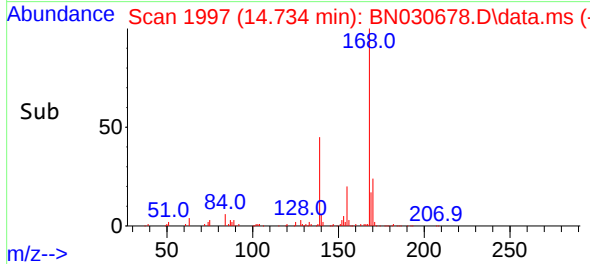
Instrument :
BNA_N
ClientSampleId :
C0AJ9



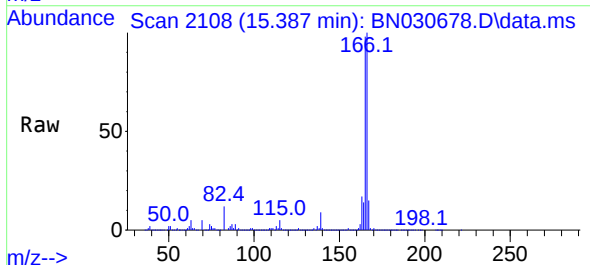
Tgt Ion:168 Resp: 101320
Ion Ratio Lower Upper
168 100
139 47.0 30.2 45.4

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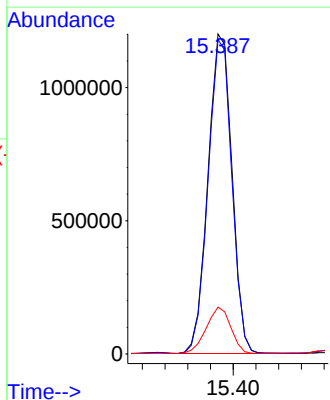
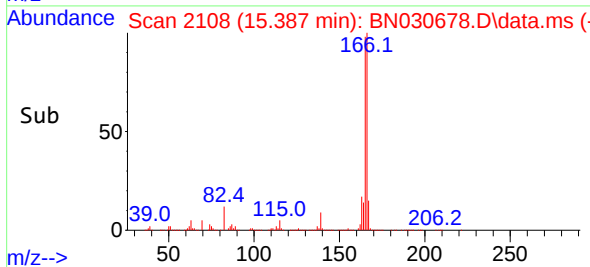
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

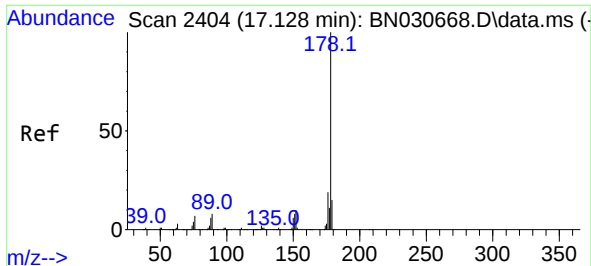


#61
Fluorene
Concen: 45.327 ng/ul
RT: 15.387 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BN030678.D
Acq: 05 Apr 2024 17:38



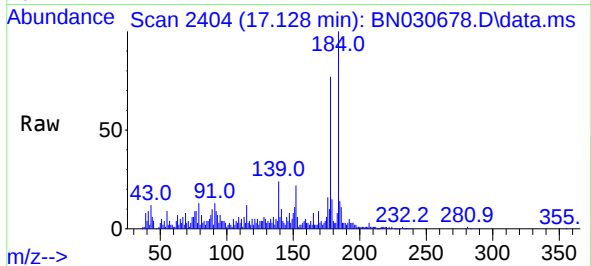
Tgt Ion:166 Resp: 1761881
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.4
167 14.7 11.0 16.4





#72
Phenanthrene
Concen: 1.299 ng/ul m
RT: 17.128 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BN030678.D
Acq: 05 Apr 2024 17:38

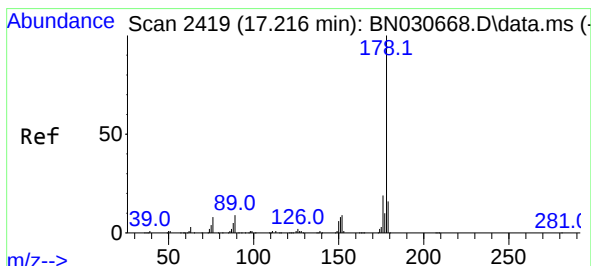
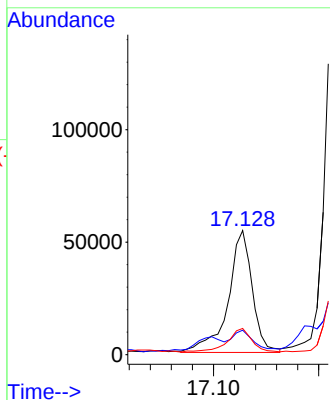
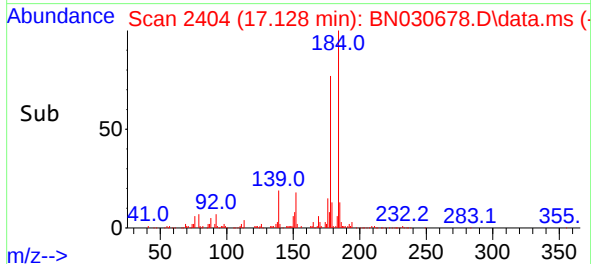
Instrument :
BNA_N
ClientSampleId :
C0AJ9



Tgt Ion:178 Resp: 86200
Ion Ratio Lower Upper
178 100
179 19.7 12.4 18.6
176 21.2 15.0 22.6

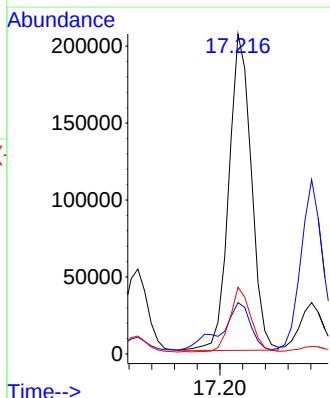
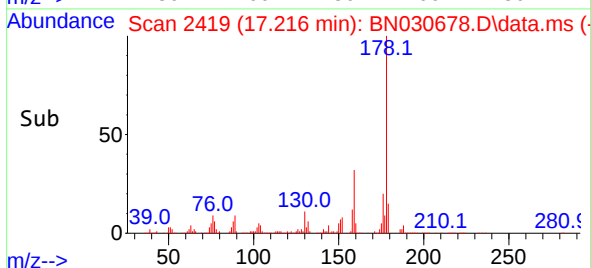
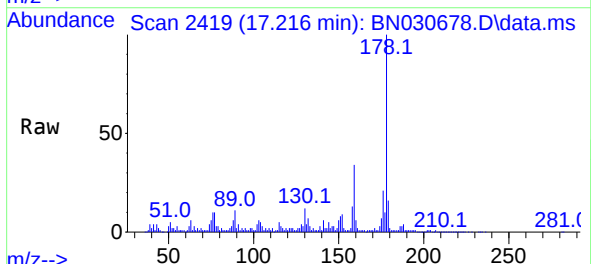
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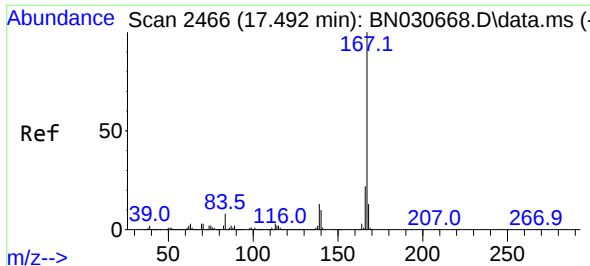
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#74
Anthracene
Concen: 4.198 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BN030678.D
Acq: 05 Apr 2024 17:38

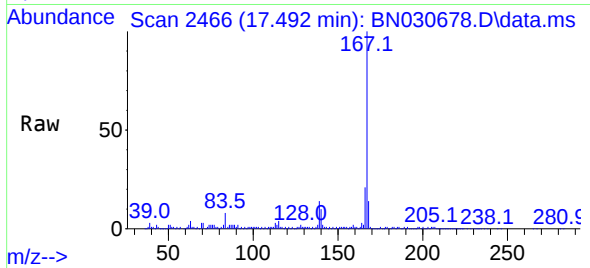
Tgt Ion:178 Resp: 281517
Ion Ratio Lower Upper
178 100
179 16.1 12.0 18.0
176 20.8 15.0 22.4





#77
 Carbazole
 Concen: 11.740 ng/u1
 RT: 17.492 min Scan# 2466
 Delta R.T. 0.000 min
 Lab File: BN030678.D
 Acq: 05 Apr 2024 17:38

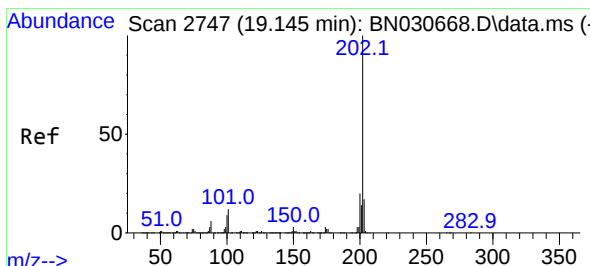
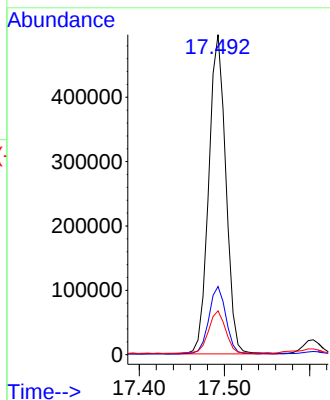
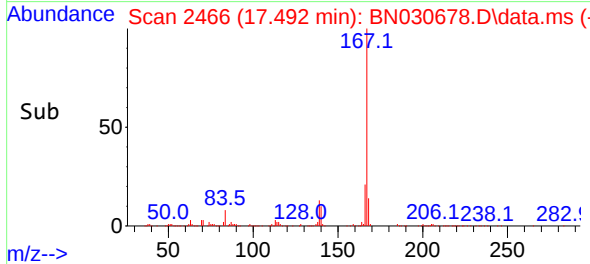
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:167 Resp: 690460
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.6 24.8
 139 13.7 10.5 15.7

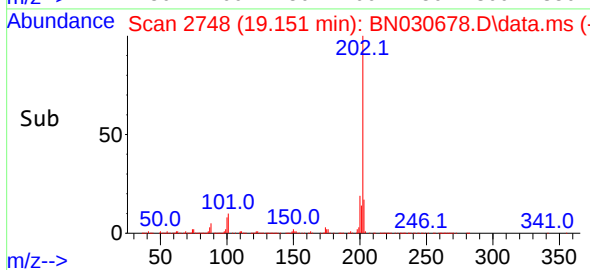
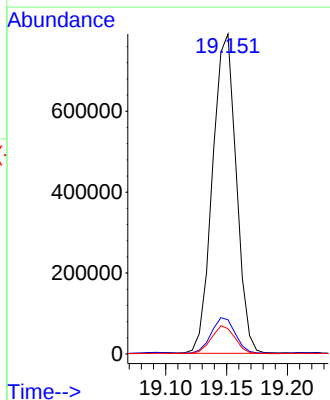
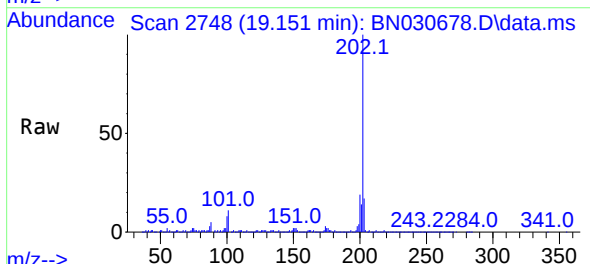
Manual Integrations
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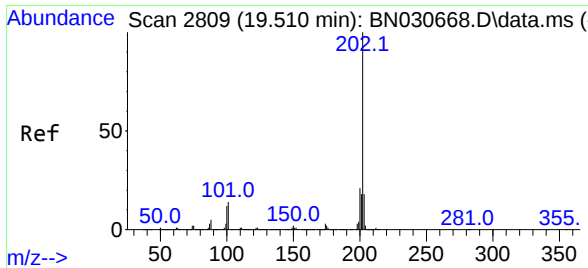
Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024



#80
 Fluoranthene
 Concen: 12.853 ng/u1
 RT: 19.151 min Scan# 2748
 Delta R.T. 0.000 min
 Lab File: BN030678.D
 Acq: 05 Apr 2024 17:38

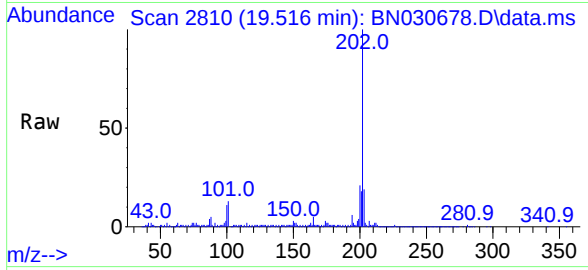
Tgt Ion:202 Resp: 1070939
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.0 13.6
 100 7.9 6.8 10.2





#82
 Pyrene
 Concen: 6.573 ng/ul
 RT: 19.516 min Scan# 2810
 Delta R.T. 0.000 min
 Lab File: BN030678.D
 Acq: 05 Apr 2024 17:38

Instrument :
 BNA_N
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Tgt Ion: 202 Resp: 57846

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.3	16.9
100	11.1	9.2	13.8

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