

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022138.D
 Acq On : 15 Oct 2022 00:21
 Operator : CG/JU
 Sample : N5023-17
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 02:00:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	187998	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	838699	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	492889	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	1017671	20.000	ng/u1	-0.01
79) Chrysene-d12	21.580	240	847364	20.000	ng/u1	-0.01
88) Perylene-d12	24.051	264	690379	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	17845	3.598	ng/uL	0.00
4) Pyridine-d5	3.705	84	41237	2.673	ng/u1	0.01
7) Phenol-d5	7.111	99	396962	21.599	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	248332	21.563	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	302666	23.752	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	316043	21.641	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	160768	26.142	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	171689	27.238	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	295796	25.000	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	392021	20.266	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	900180	26.200	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	1051899	27.416	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	152548	20.801	ng/u1	0.00
60) Fluorene-d10	15.622	176	789101	27.229	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	75169	12.947	ng/u1	0.00
73) Anthracene-d10	17.481	188	1156022	26.140	ng/u1	0.00
81) Pyrene-d10	19.780	212	1326357	31.439	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	923574	27.278	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.428	178	459633	8.373	ng/u1	97
74) Anthracene	17.516	178	96568	1.771	ng/u1	97
80) Fluoranthene	19.445	202	875053	16.524	ng/u1	96
82) Pyrene	19.816	202	670541	12.103	ng/u1	98
85) Benzo(a)anthracene	21.563	228	304571	5.625	ng/u1#	96
86) Bis(2-ethylhexyl)phtha...	21.480	149	38939	1.120	ng/u1#	96
87) Chrysene	21.616	228	299357	5.753	ng/u1	97
90) Benzo(b)fluoranthene	23.292	252	358562	8.235	ng/u1	97
91) Benzo(k)fluoranthene	23.333	252	92749m	2.156	ng/u1	
93) Benzo(a)pyrene	23.933	252	210742	5.415	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.639	276	135094	2.777	ng/u1	94
96) Benzo(g,h,i)perylene	27.433	276	108534	2.480	ng/u1	97

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

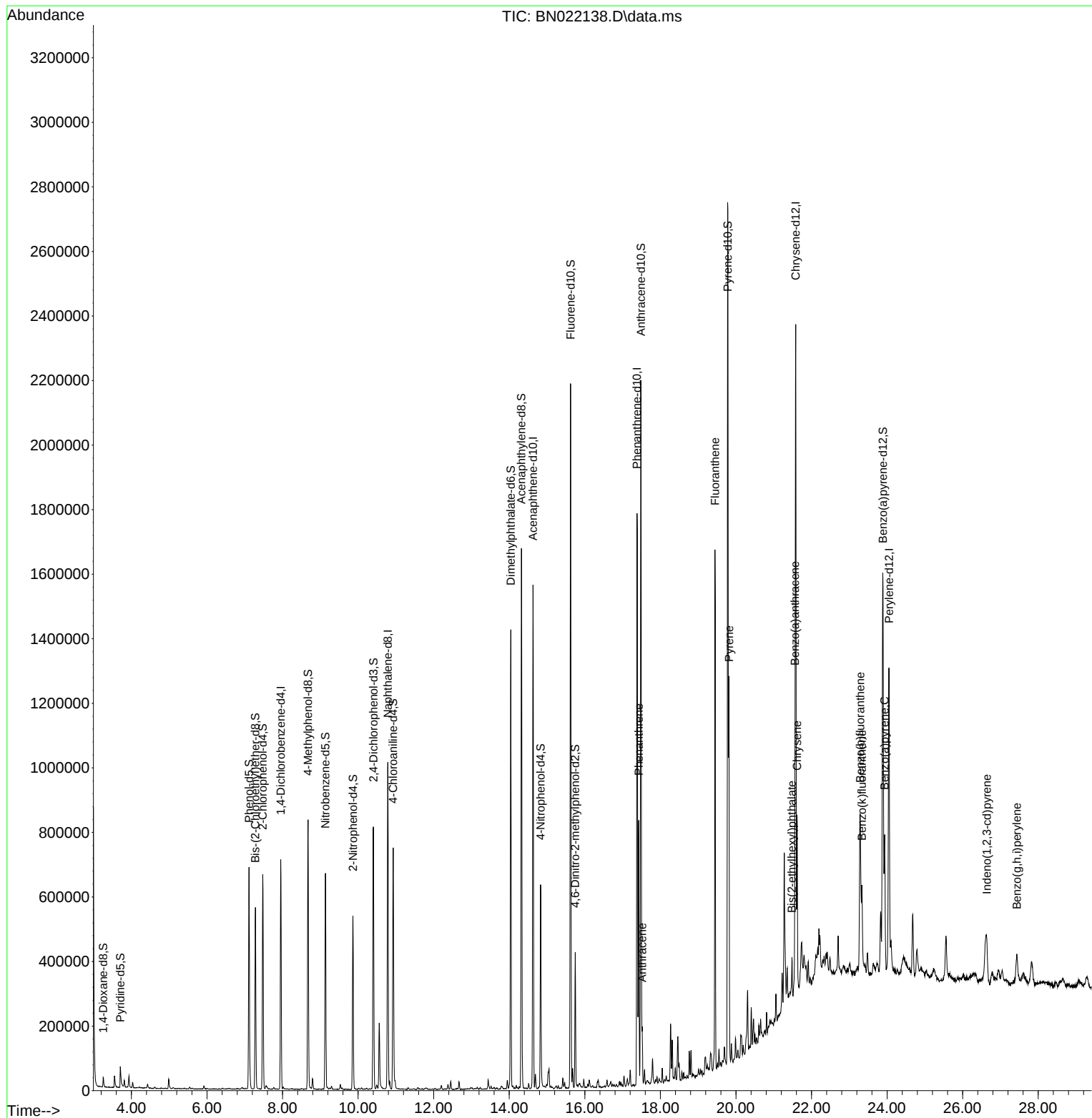
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
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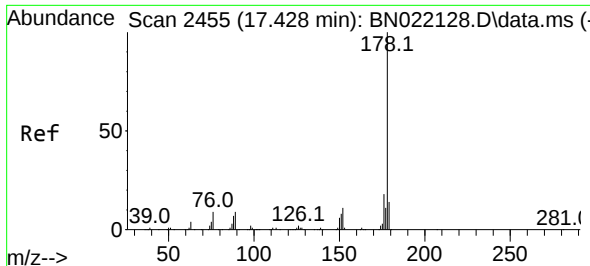
Instrument :
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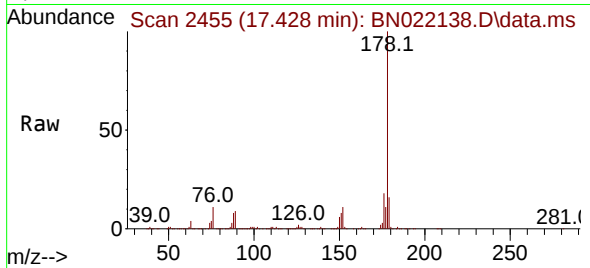
Quant Time: Oct 15 02:00:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
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#72
Phenanthrene
Concen: 8.373 ng/ul
RT: 17.428 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BN022138.D
Acq: 15 Oct 2022 00:21

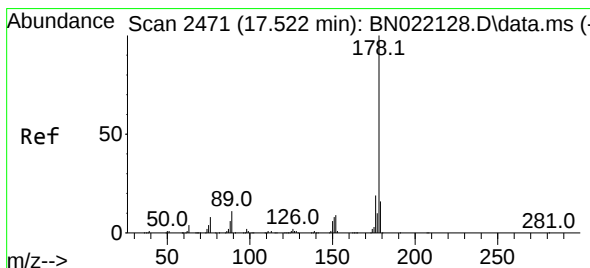
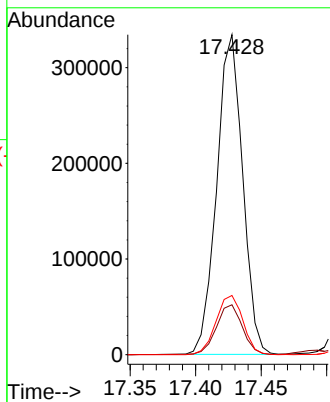
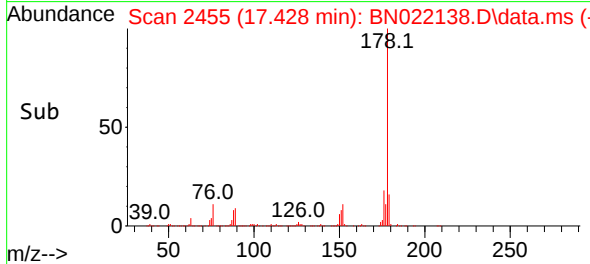
Instrument :
BNA_N
ClientSampleId :
C0BC8



Tgt Ion:178 Resp: 45963
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.5 16.5 24.7

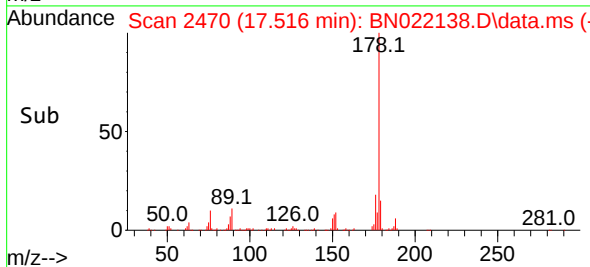
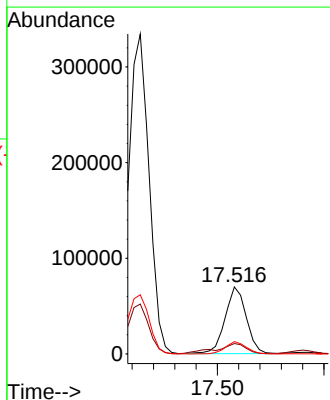
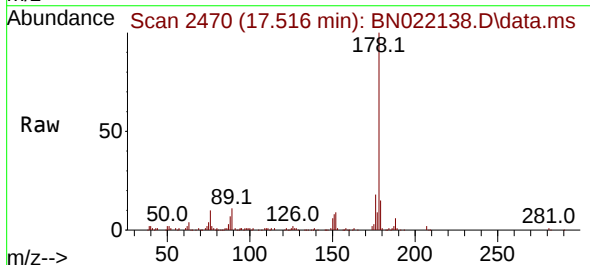
Manual Integrations
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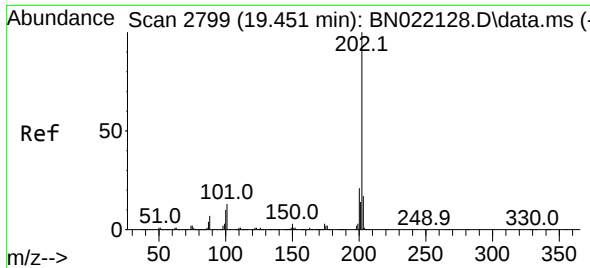
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#74
Anthracene
Concen: 1.771 ng/ul
RT: 17.516 min Scan# 2470
Delta R.T. -0.006 min
Lab File: BN022138.D
Acq: 15 Oct 2022 00:21

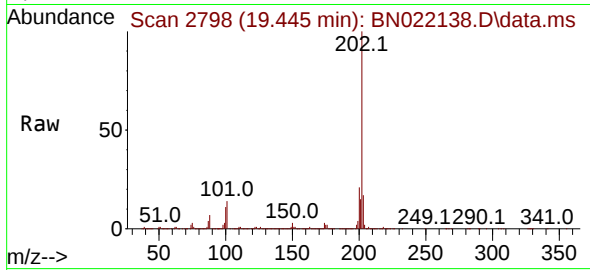
Tgt Ion:178 Resp: 96568
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 18.3 15.8 23.6





#80
Fluoranthene
Concen: 16.524 ng/u1
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN022138.D
Acq: 15 Oct 2022 00:21

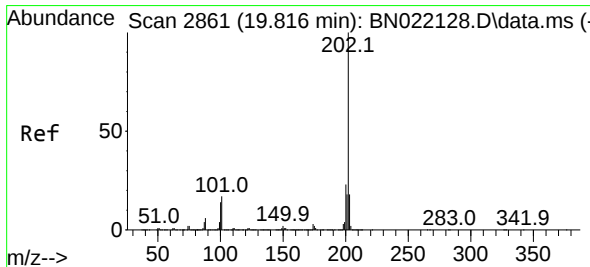
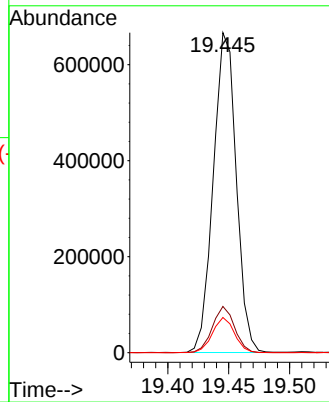
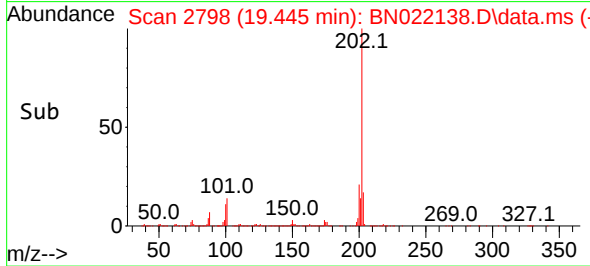
Instrument :
BNA_N
ClientSampleId :
C0BC8



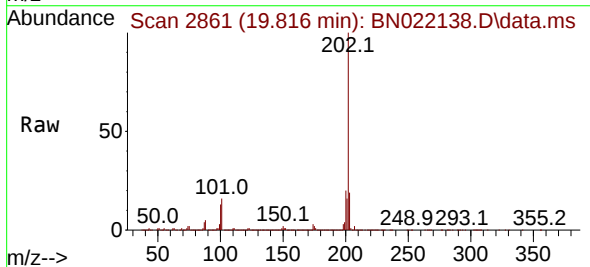
Tgt Ion:202 Resp: 87505
Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 11.0 7.8 11.8

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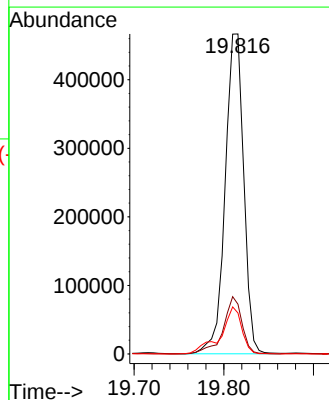
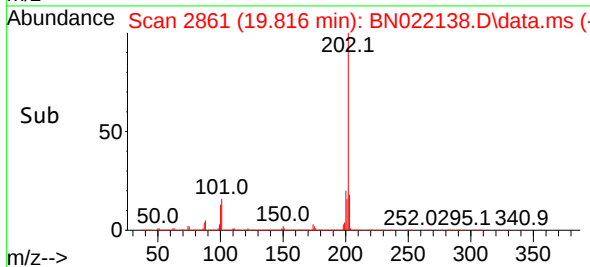
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

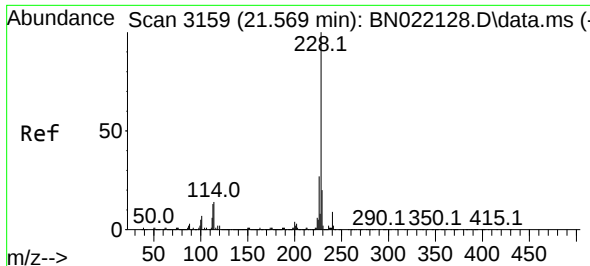


#82
Pyrene
Concen: 12.103 ng/u1
RT: 19.816 min Scan# 2861
Delta R.T. 0.000 min
Lab File: BN022138.D
Acq: 15 Oct 2022 00:21



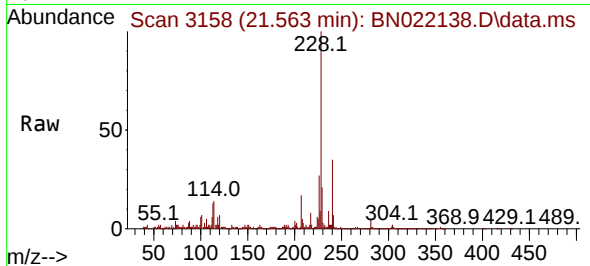
Tgt Ion:202 Resp: 670541
Ion Ratio Lower Upper
202 100
101 15.6 13.4 20.0
100 12.8 10.9 16.3





#85
Benzo(a)anthracene
Concen: 5.625 ng/ul
RT: 21.563 min Scan# 3159
Delta R.T. -0.012 min
Lab File: BN022138.D
Acq: 15 Oct 2022 00:21

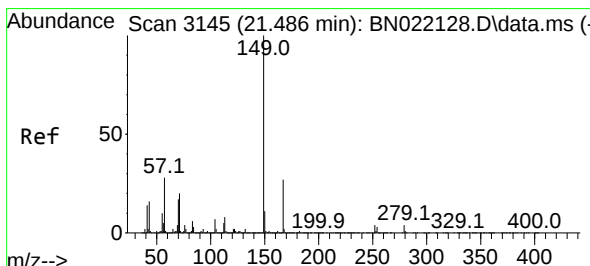
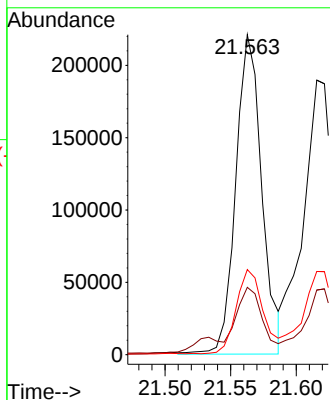
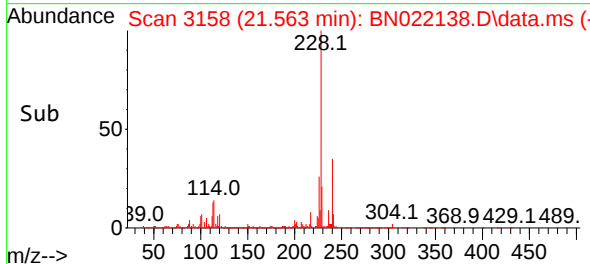
Instrument :
BNA_N
ClientSampleId :
C0BC8



Tgt Ion:228 Resp: 30457
Ion Ratio Lower Upper
228 100
229 21.0 13.5 20.3
226 26.6 21.0 31.6

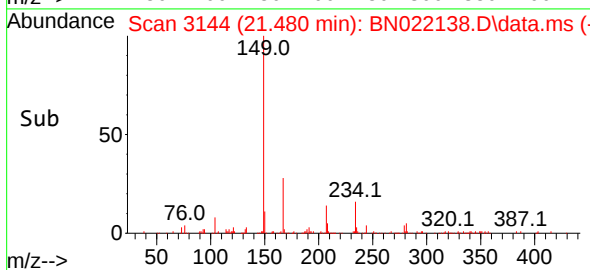
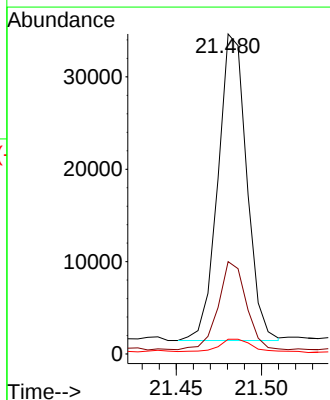
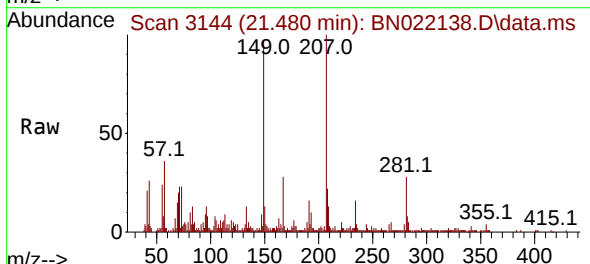
Manual Integrations
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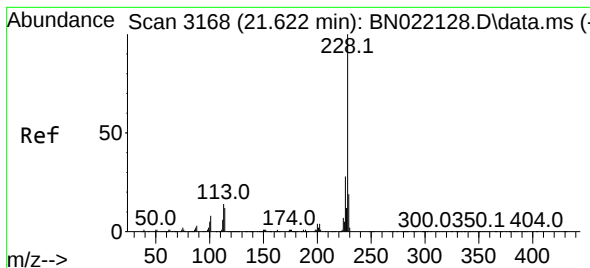
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.120 ng/ul
RT: 21.480 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BN022138.D
Acq: 15 Oct 2022 00:21

Tgt Ion:149 Resp: 38939
Ion Ratio Lower Upper
149 100
167 28.8 21.3 31.9
279 4.6 2.9 4.3





#87

Chrysene

Concen: 5.753 ng/u1

RT: 21.616 min Scan# 3167

Delta R.T. -0.012 min

Lab File: BN022138.D

Acq: 15 Oct 2022 00:21

Instrument :

BNA_N

ClientSampleId :

C0BC8

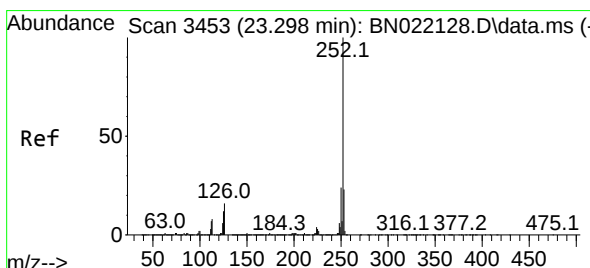
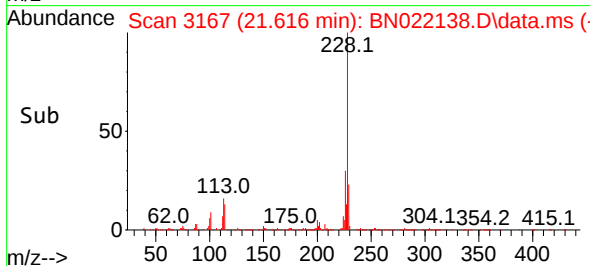
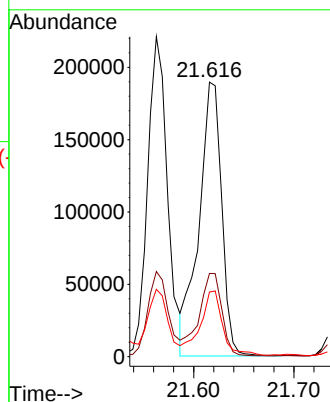
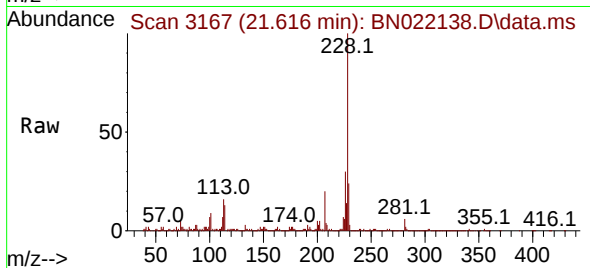
Tgt Ion:228 Resp: 29935
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.8 35.8
 229 23.6 16.5 24.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022



#90

Benzo(b)fluoranthene

Concen: 8.235 ng/u1

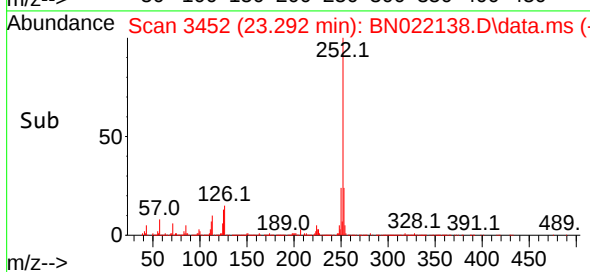
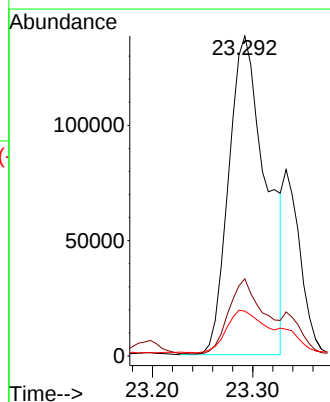
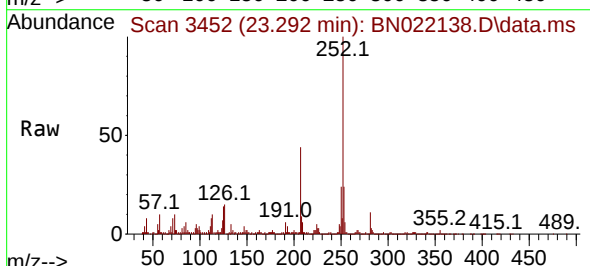
RT: 23.292 min Scan# 3452

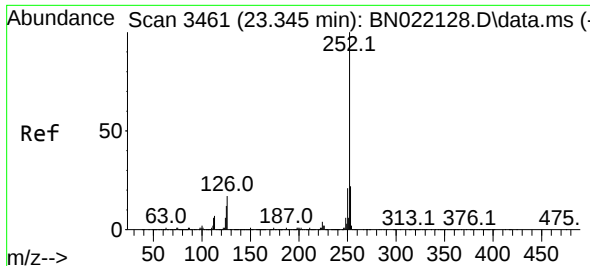
Delta R.T. -0.006 min

Lab File: BN022138.D

Acq: 15 Oct 2022 00:21

Tgt Ion:252 Resp: 358562
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.6 26.4
 125 14.0 10.7 16.1





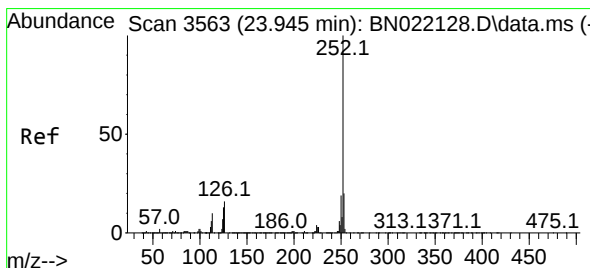
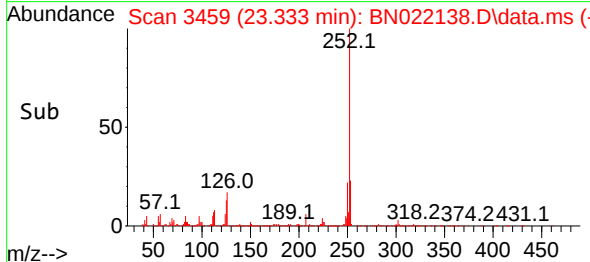
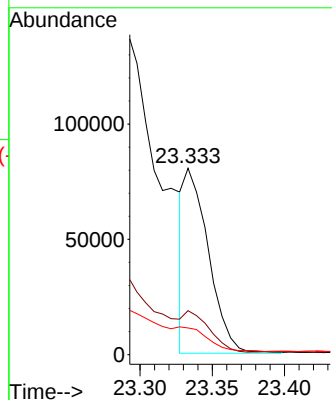
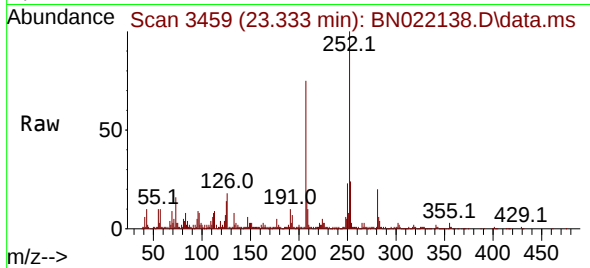
#91
Benzo(k)fluoranthene
Concen: 2.156 ng/ul m
RT: 23.333 min Scan# 3461
Delta R.T. -0.018 min
Lab File: BN022138.D
Acq: 15 Oct 2022 00:21

Instrument :
BNA_N
ClientSampleId :
C0BC8

Tgt Ion:252 Resp: 92749
Ion Ratio Lower Upper
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253 23.6 17.7 26.5
125 14.4 10.6 15.8

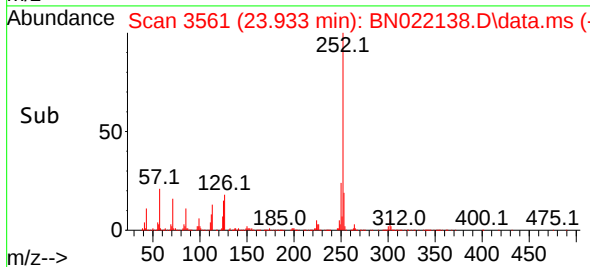
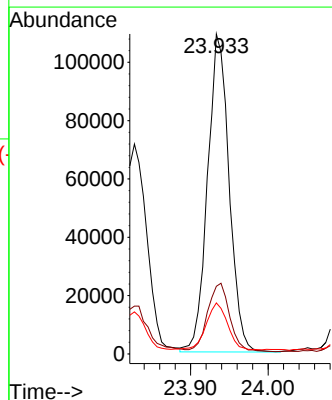
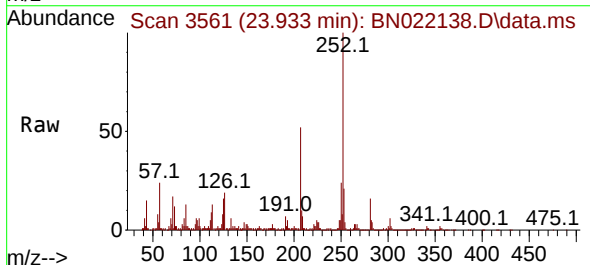
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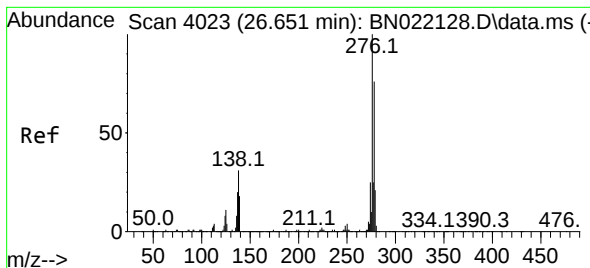
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#93
Benzo(a)pyrene
Concen: 5.415 ng/ul
RT: 23.933 min Scan# 3561
Delta R.T. -0.018 min
Lab File: BN022138.D
Acq: 15 Oct 2022 00:21

Tgt Ion:252 Resp: 210742
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 16.0 10.8 16.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.777 ng/ul

RT: 26.639 min Scan# 4021

Delta R.T. -0.024 min

Lab File: BN022138.D

Acq: 15 Oct 2022 00:21

Instrument :

BNA_N

ClientSampleId :

C0BC8

Tgt Ion:276 Resp: 135094

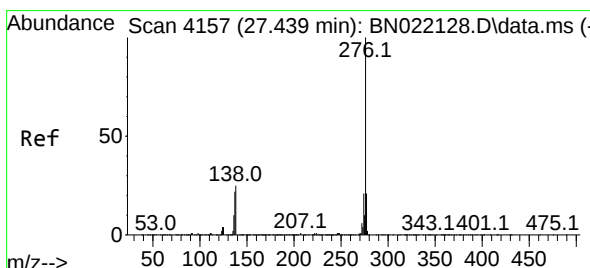
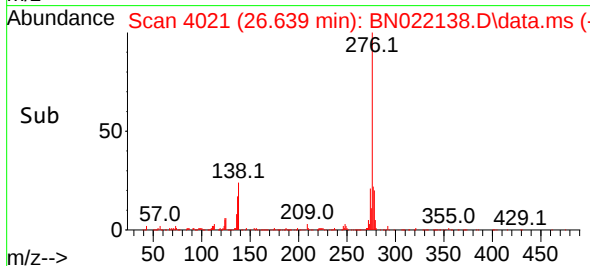
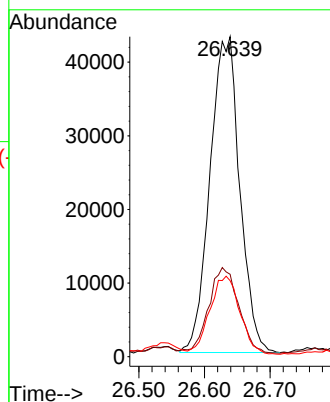
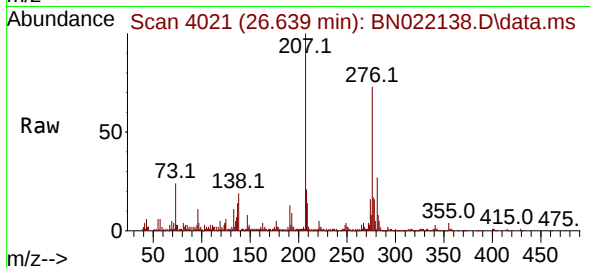
Ion	Ratio	Lower	Upper
276	100		
138	25.8	24.6	36.8
277	23.7	18.4	27.6

Manual Integrations

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Supervised By :mohammad ahmed 10/16/2022



#96

Benzo(g,h,i)perylene

Concen: 2.480 ng/ul

RT: 27.433 min Scan# 4156

Delta R.T. -0.024 min

Lab File: BN022138.D

Acq: 15 Oct 2022 00:21

Tgt Ion:276 Resp: 108534

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.2	31.8
277	25.1	17.9	26.9

