

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
 Data File : BN021787.D
 Acq On : 16 Sep 2022 14:03
 Operator : CG/JU
 Sample : N4601-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5752

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
 Supervised By :mohammad ahmed 09/19/2022

Quant Time: Sep 17 00:21:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 17 00:17:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	176539	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	810581	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	505874	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	995475	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	737097	20.000	ng/u1	# 0.00
88) Perylene-d12	24.157	264	626648	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	18501	3.935	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.199	99	325493	20.329	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	240771	24.842	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	276056	23.698	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	236009	18.786	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	159490	28.879	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	171294	34.726	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	259940	23.794	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	194671	10.493	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	940943	27.214	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1113529	27.625	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	56127	8.157	ng/u1	0.00
60) Fluorene-d10	15.698	176	815365	27.101	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	99895	25.088	ng/u1	0.00
73) Anthracene-d10	17.557	188	1204151	27.449	ng/u1	0.00
81) Pyrene-d10	19.851	212	1280573	36.532	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	815101	27.442	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.928	128	85852	2.034	ng/u1	99
36) 2-Methylnaphthalene	12.540	142	92184	3.229	ng/u1	97
37) 1-Methylnaphthalene	12.757	142	83261	2.902	ng/u1	98
50) Acenaphthylene	14.428	152	48851	1.050	ng/u1#	94
72) Phenanthrene	17.498	178	210772	4.008	ng/u1	97
80) Fluoranthene	19.516	202	336045	7.948	ng/u1	95
82) Pyrene	19.880	202	307293	6.973	ng/u1#	94
85) Benzo(a)anthracene	21.633	228	162633m	3.664	ng/u1	
87) Chrysene	21.686	228	254161	5.915	ng/u1	95
90) Benzo(b)fluoranthene	23.380	252	309041	8.106	ng/u1#	91
91) Benzo(k)fluoranthene	23.433	252	110031m	3.226	ng/u1	
93) Benzo(a)pyrene	24.045	252	125086	3.429	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.786	276	110615	2.470	ng/u1	97
96) Benzo(g,h,i)perylene	27.609	276	87654	2.243	ng/u1#	90

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

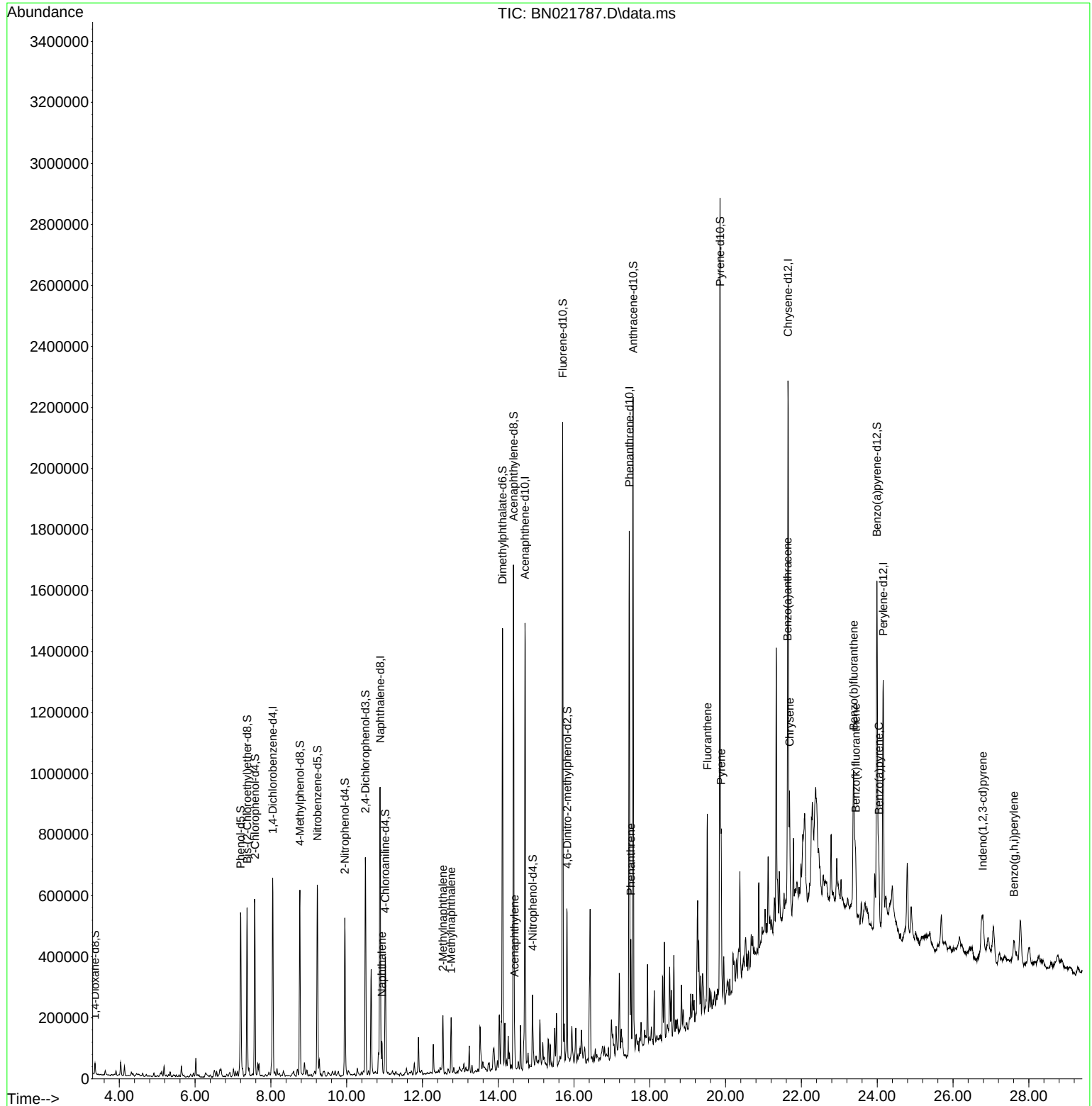
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
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 ALS Vial : 5 Sample Multiplier: 1

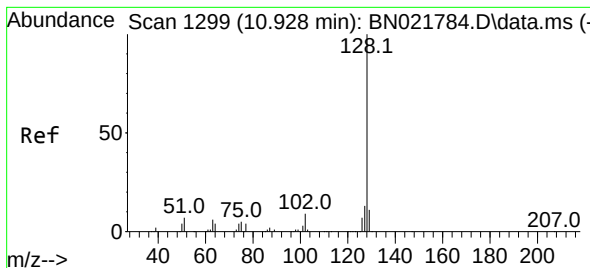
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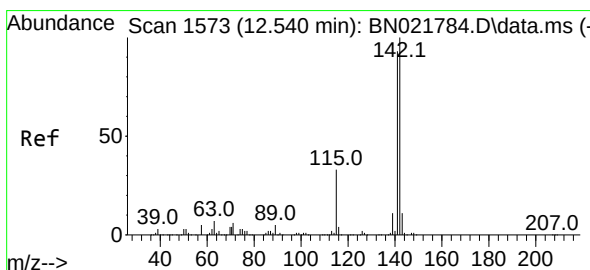
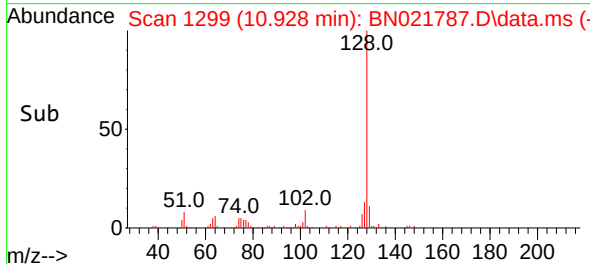
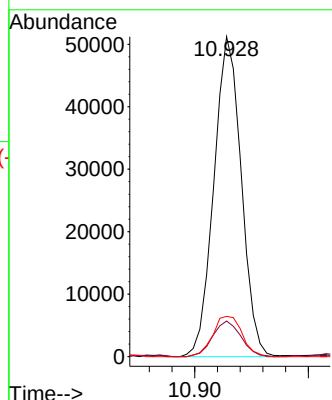
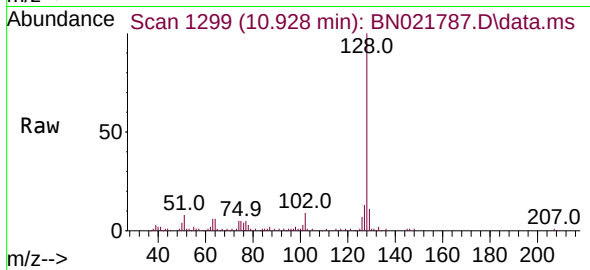
#30
Naphthalene
Concen: 2.034 ng/ul
RT: 10.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03

Instrument :
BNA_N
ClientSampleId :
A5752

Tgt Ion:128 Resp: 85852
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.6 10.6 16.0

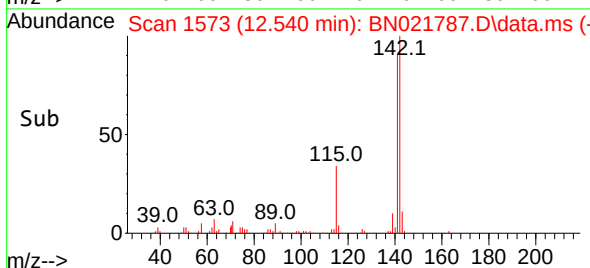
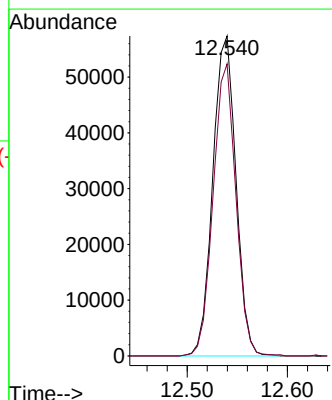
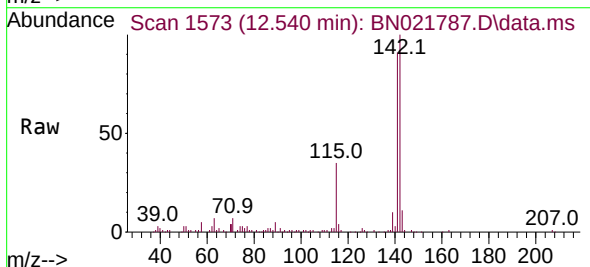
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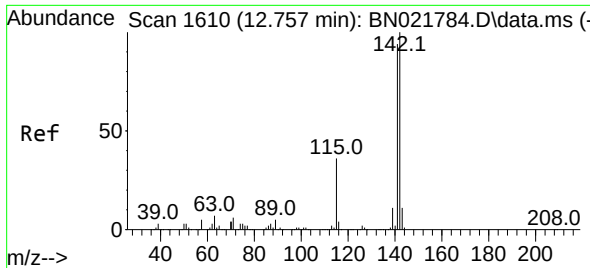
Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022



#36
2-Methylnaphthalene
Concen: 3.229 ng/ul
RT: 12.540 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03

Tgt Ion:142 Resp: 92184
Ion Ratio Lower Upper
142 100
141 91.3 70.6 105.8





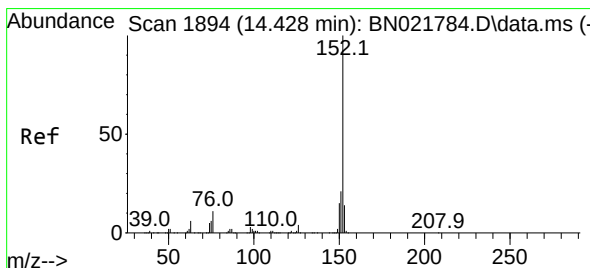
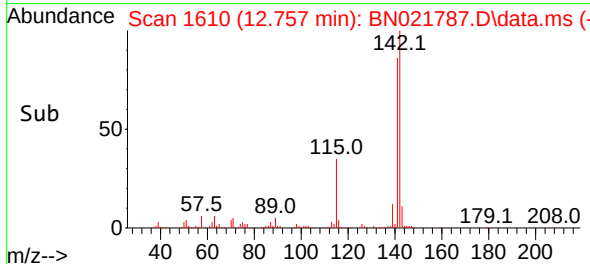
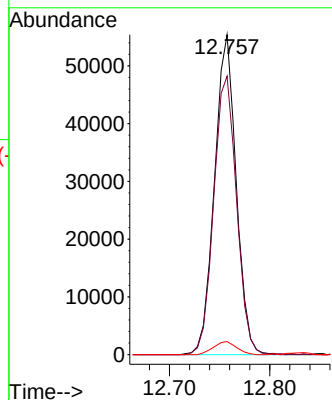
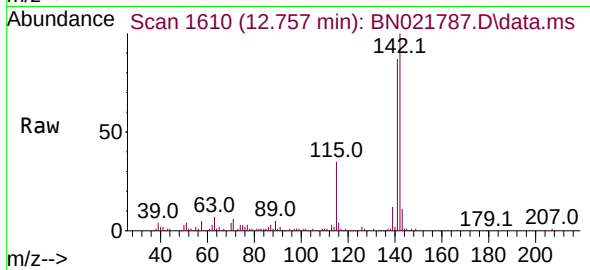
#37
1-Methylnaphthalene
Concen: 2.902 ng/ul
RT: 12.757 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03

Instrument :
BNA_N
ClientSampleId :
A5752

Tgt Ion:142 Resp: 83261
Ion Ratio Lower Upper
142 100
141 87.0 70.9 106.3
116 4.1 3.1 4.7

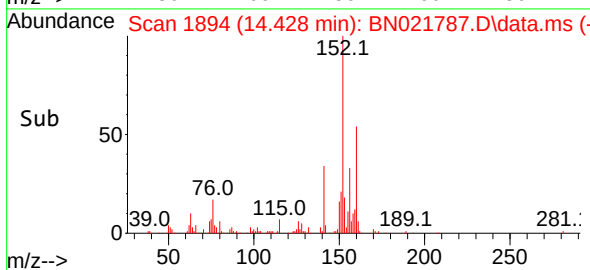
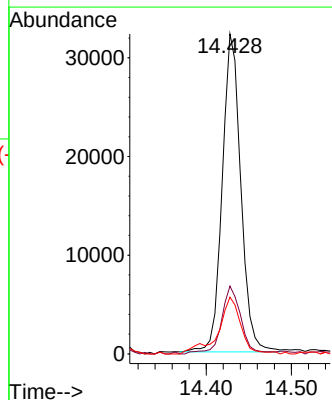
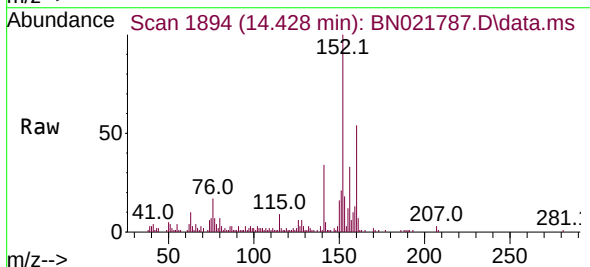
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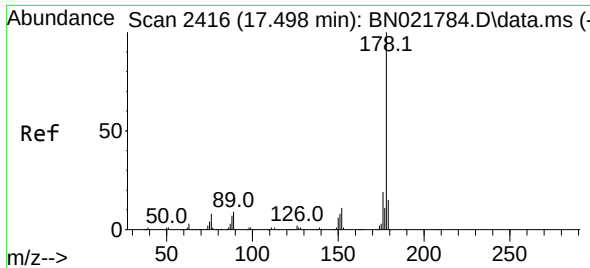
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Supervised By :mohammad ahmed 09/19/2022



#50
Acenaphthylene
Concen: 1.050 ng/ul
RT: 14.428 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03

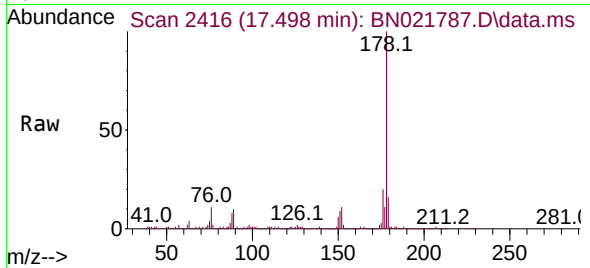
Tgt Ion:152 Resp: 48851
Ion Ratio Lower Upper
152 100
151 21.2 16.0 24.0
153 17.7 10.7 16.1#





#72
Phenanthrene
Concen: 4.008 ng/u1
RT: 17.498 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03

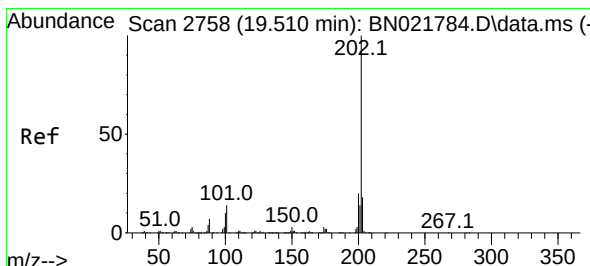
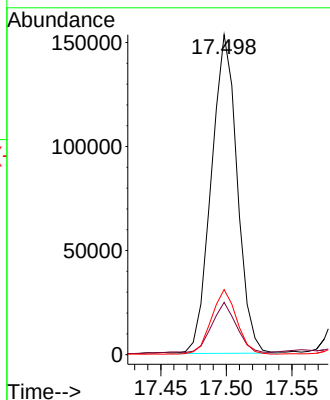
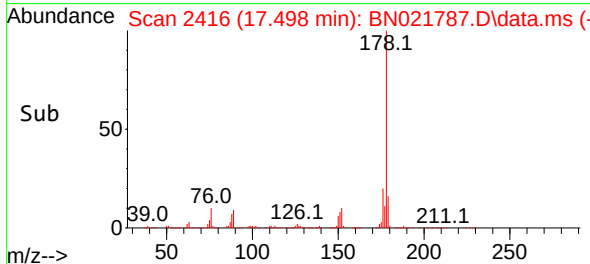
Instrument :
BNA_N
ClientSampleId :
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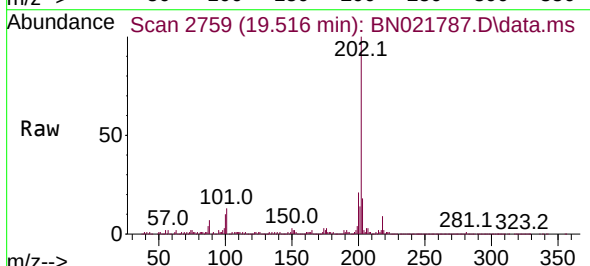
Tgt Ion:178 Resp: 210772
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.4
176 20.3 15.2 22.8

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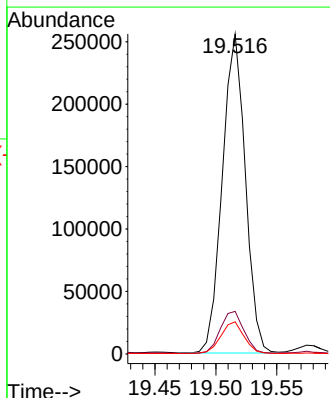
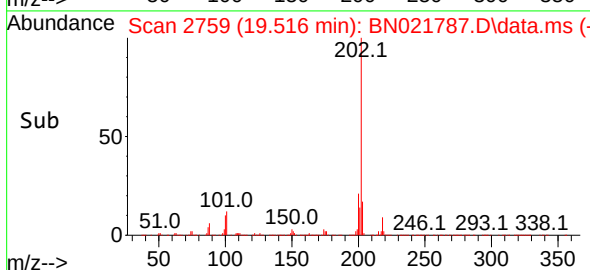
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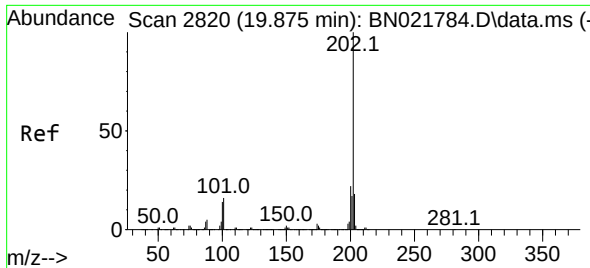


#80
Fluoranthene
Concen: 7.948 ng/u1
RT: 19.516 min Scan# 2759
Delta R.T. 0.006 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03



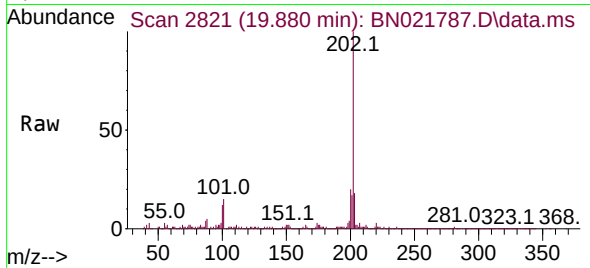
Tgt Ion:202 Resp: 336045
Ion Ratio Lower Upper
202 100
101 13.3 8.9 13.3
100 10.0 6.7 10.1





#82
Pyrene
Concen: 6.973 ng/ul
RT: 19.880 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03

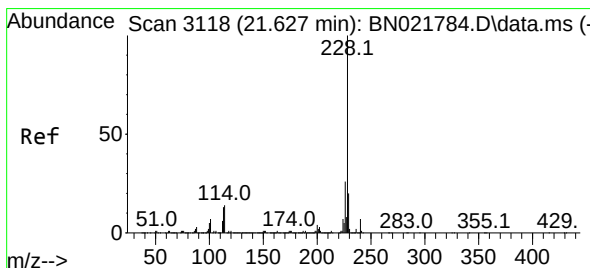
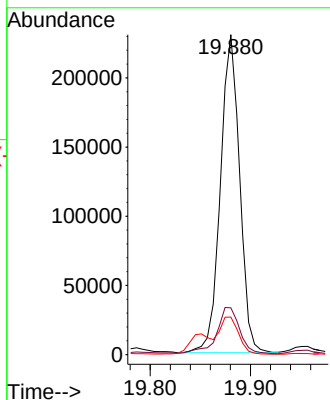
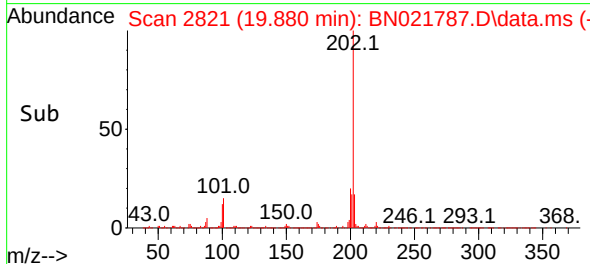
Instrument :
BNA_N
ClientSampleId :
A5752



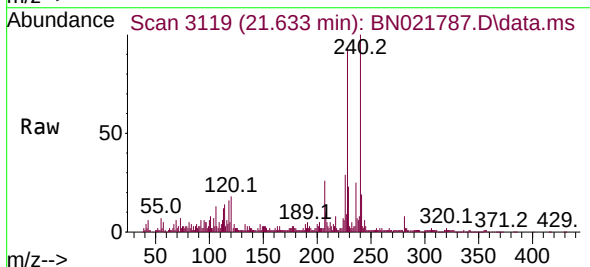
Tgt Ion:202 Resp: 307293
Ion Ratio Lower Upper
202 100
101 14.6 9.7 14.5
100 11.7 8.0 12.0

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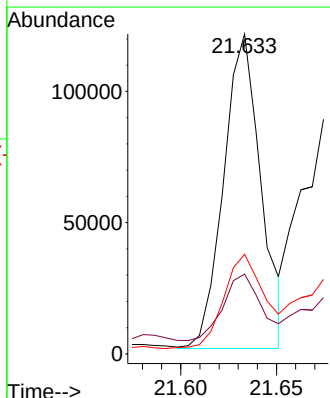
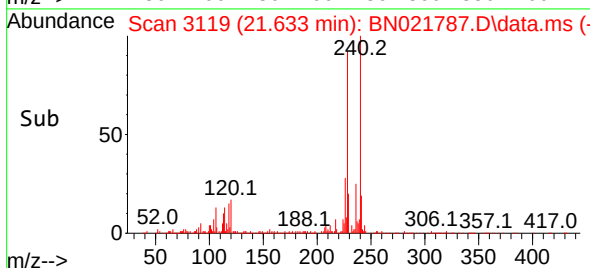
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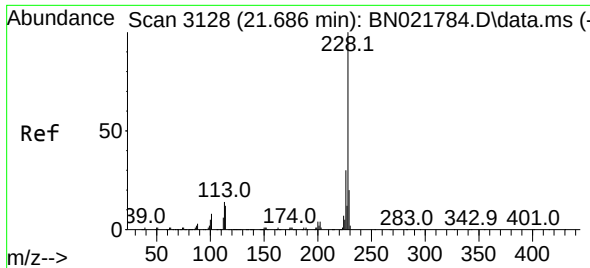


#85
Benzo(a)anthracene
Concen: 3.664 ng/ul m
RT: 21.633 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03



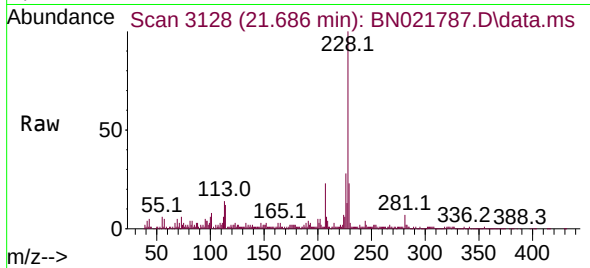
Tgt Ion:228 Resp: 162633
Ion Ratio Lower Upper
228 100
229 24.9 16.3 24.5
226 31.1 23.2 34.8





#87
Chrysene
Concen: 5.915 ng/ul
RT: 21.686 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03

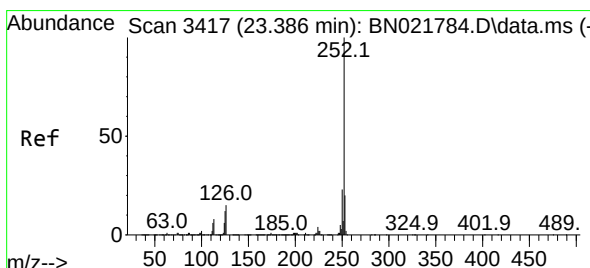
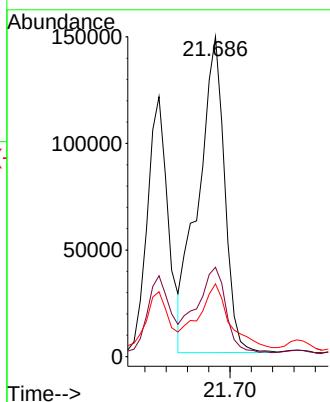
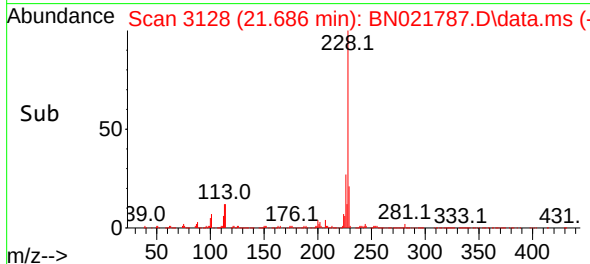
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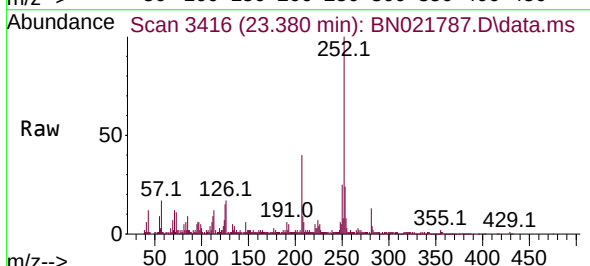
Tgt Ion:228 Resp: 254163
Ion Ratio Lower Upper
228 100
226 27.9 24.2 36.2
229 22.7 16.2 24.2

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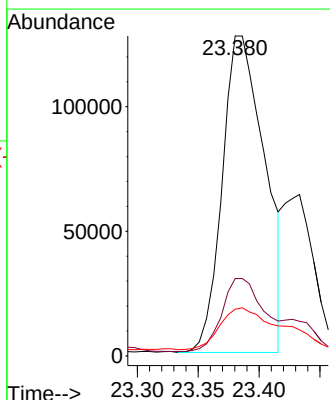
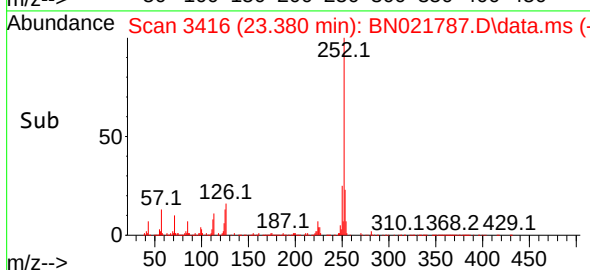
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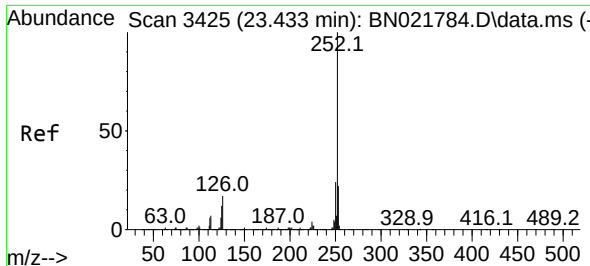


#90
Benzo(b)fluoranthene
Concen: 8.106 ng/ul
RT: 23.380 min Scan# 3416
Delta R.T. -0.006 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03



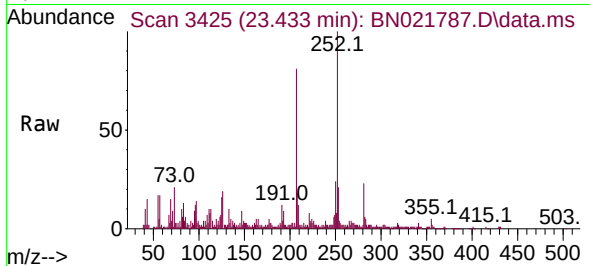
Tgt Ion:252 Resp: 309041
Ion Ratio Lower Upper
252 100
253 24.2 16.5 24.7
125 14.6 7.8 11.8#





#91
Benzo(k)fluoranthene
Concen: 3.226 ng/ul m
RT: 23.433 min Scan# 3425
Delta R.T. 0.000 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03

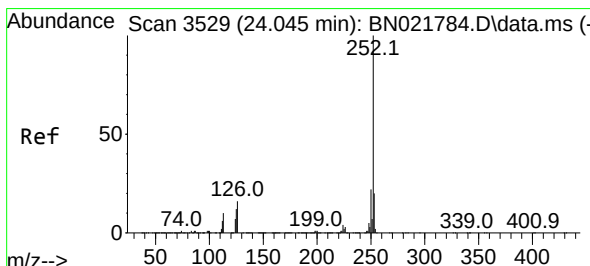
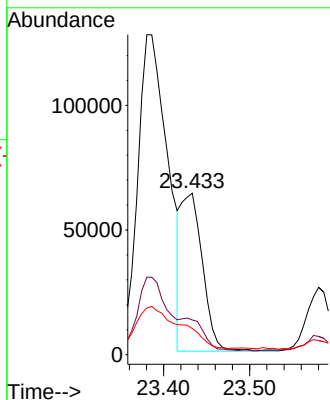
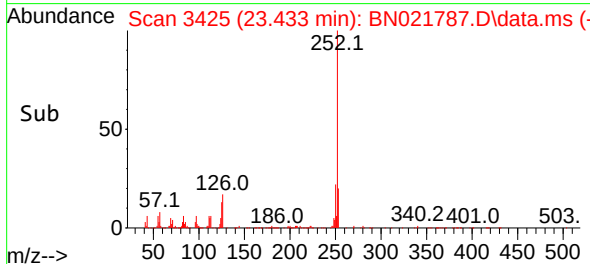
Instrument : BNA_N
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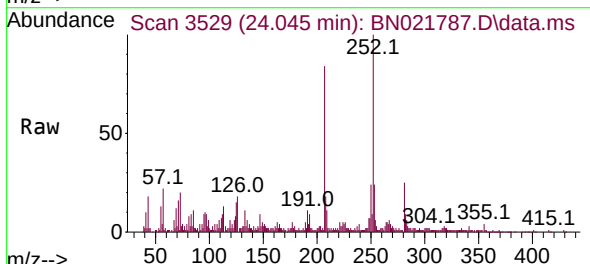
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Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 16.1 8.2 12.4

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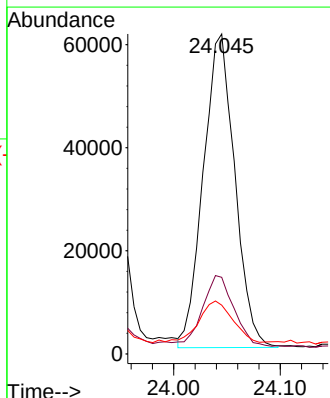
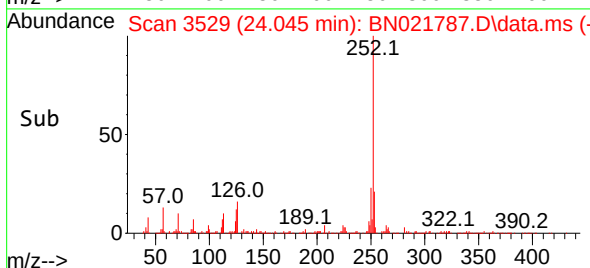
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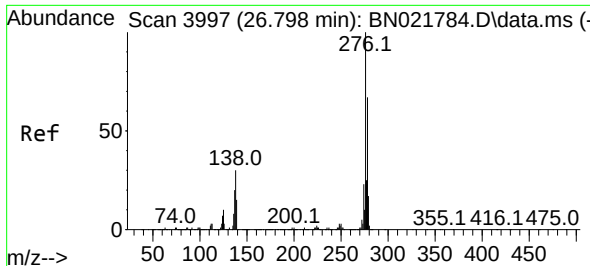


#93
Benzo(a)pyrene
Concen: 3.429 ng/ul
RT: 24.045 min Scan# 3529
Delta R.T. 0.000 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03



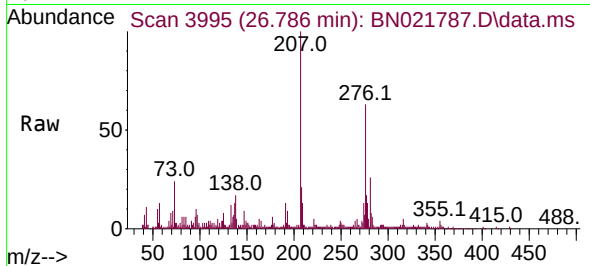
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Ion Ratio Lower Upper
252 100
253 23.9 18.7 28.1
125 15.2 9.2 13.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.470 ng/ul
RT: 26.786 min Scan# 3995
Delta R.T. -0.012 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03

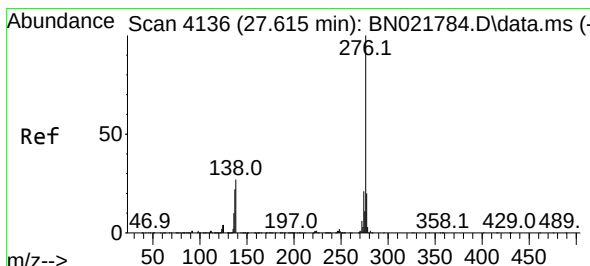
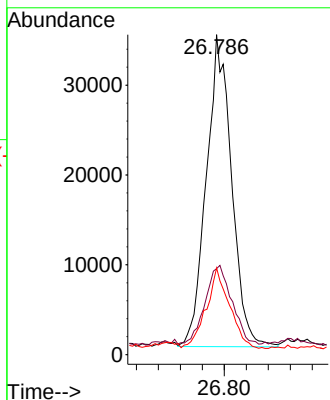
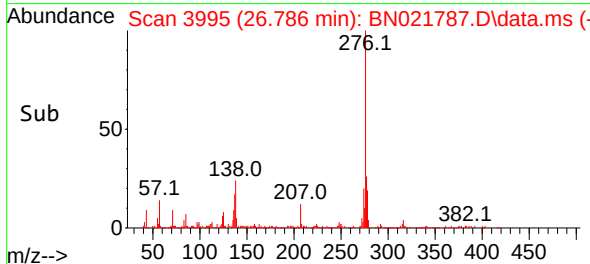
Instrument :
BNA_N
ClientSampleId :
A5752



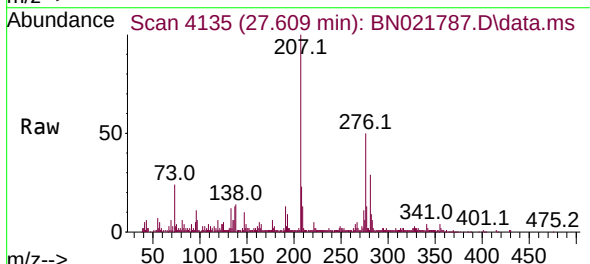
Tgt Ion:276 Resp: 110615
Ion Ratio Lower Upper
276 100
138 26.9 19.5 29.3
277 27.1 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022



#96
Benzo(g,h,i)perylene
Concen: 2.243 ng/ul
RT: 27.609 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BN021787.D
Acq: 16 Sep 2022 14:03



Tgt Ion:276 Resp: 87654
Ion Ratio Lower Upper
276 100
138 28.6 17.0 25.6#
277 24.9 17.8 26.6

