

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
 Data File : BN015178.D
 Acq On : 28 Jun 2021 16:35
 Operator : CG/JU
 Sample : M2680-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD73DL

Manual Integrations
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Quant Time: Jun 28 17:11:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 24 14:43:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	182889	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	766219	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	469495	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	973178	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	869783	20.000	ng/ul	0.00
88) Perylene-d12	23.557	264	979953	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	1466	0.312	ng/uL	0.00
4) Pyridine-d5	3.693	84	13585	1.072	ng/ul	0.02
7) Phenol-d5	6.893	99	34676	2.185	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	21733	2.331	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	28009	2.327	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	25553	2.086	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	13856	2.644	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	11439	2.450	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	23205	2.106	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	28609	1.675	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	81566	2.530	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	102381	2.446	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	3960	0.704	ng/ul	0.00
60) Fluorene-d10	15.345	176	74444	2.654	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	1705	0.424	ng/ul	0.00
73) Anthracene-d10	17.192	188	120402	2.703	ng/ul	0.00
81) Pyrene-d10	19.498	212	135506	2.972	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	132819	2.745	ng/ul	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.069	152	51063	1.293	ng/ul#	95
61) Fluorene	15.398	166	31030	1.005	ng/ul#	95
72) Phenanthrene	17.139	178	1017822	19.816	ng/ul	100
74) Anthracene	17.228	178	362311	6.871	ng/ul	99
80) Fluoranthene	19.163	202	2091338	38.002	ng/ul	98
82) Pyrene	19.527	202	1805640	31.479	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1150072	21.378	ng/ul	95
87) Chrysene	21.345	228	1018588	19.227	ng/ul	96
90) Benzo(b)fluoranthene	22.886	252	1288648	21.837	ng/ul	99
91) Benzo(k)fluoranthene	22.921	252	442679m	7.412	ng/ul	
93) Benzo(a)pyrene	23.457	252	1012002	18.868	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.815	276	551940	8.482	ng/ul	95
95) Dibenzo(a,h)anthracene	25.821	278	146795m	2.722	ng/ul	
96) Benzo(g,h,i)perylene	26.509	276	418256	7.436	ng/ul	99

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

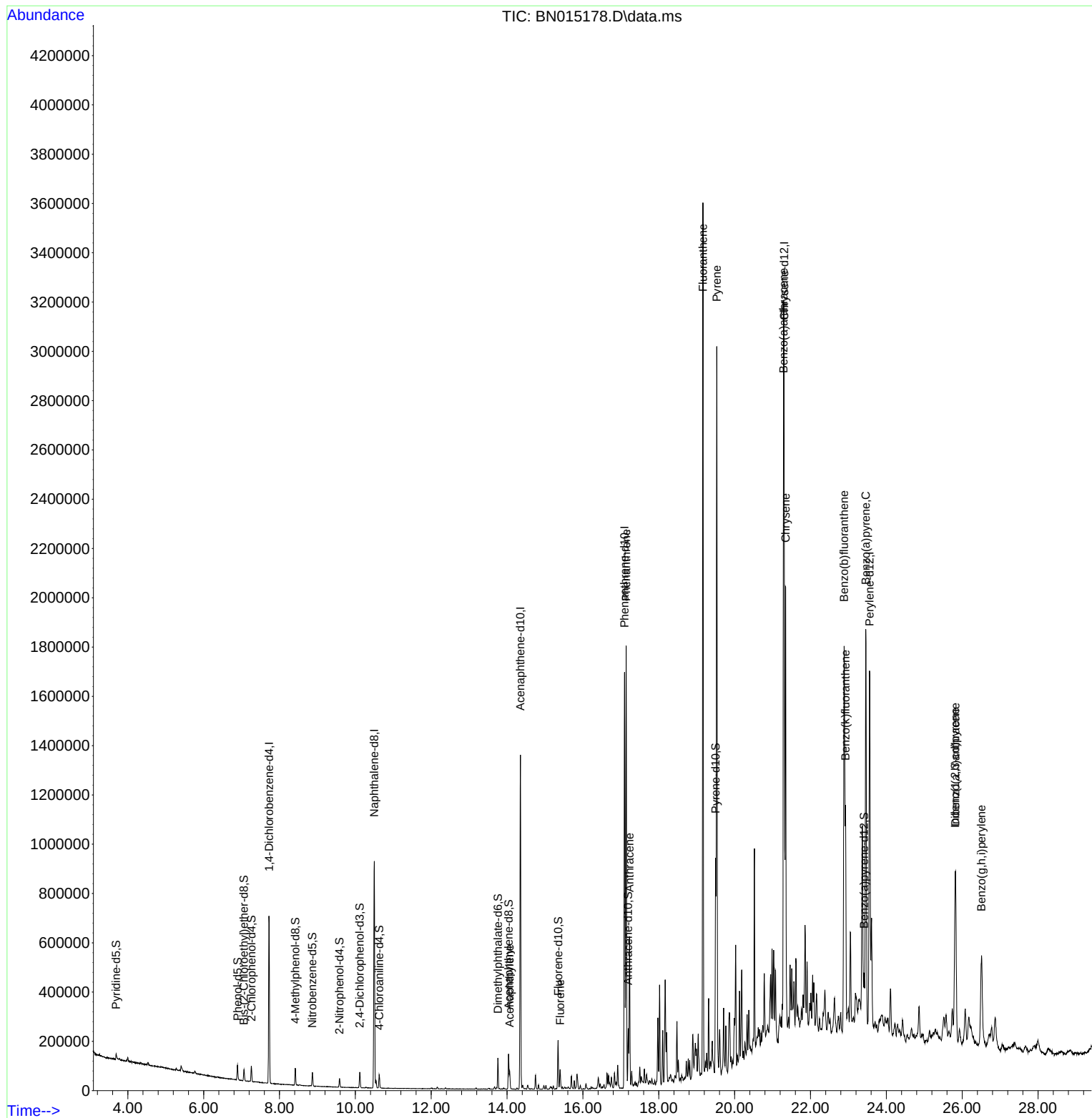
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015178.D
Acq On : 28 Jun 2021 16:35
Operator : CG/JU
Sample : M2680-03DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

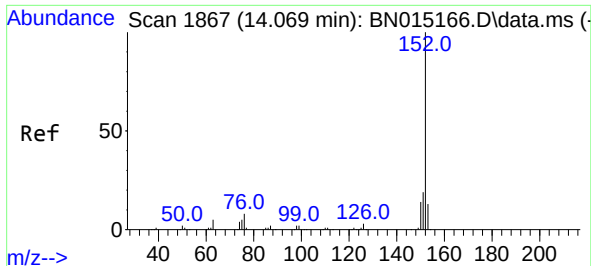
Instrument :
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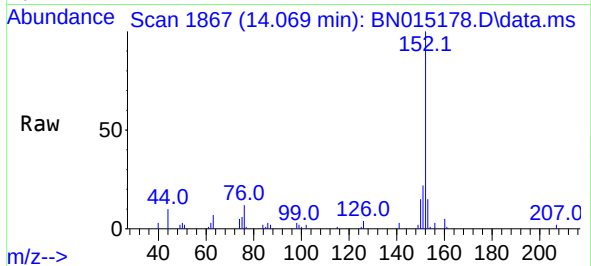
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.293 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35

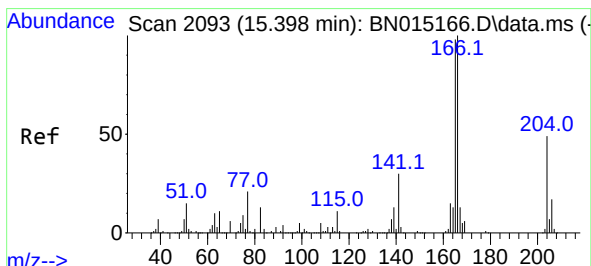
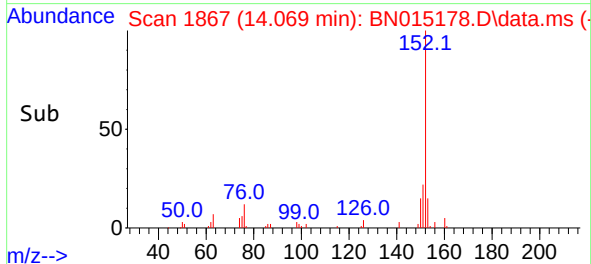
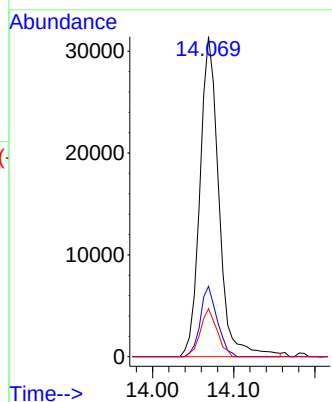
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BNA_N
ClientSampleId :
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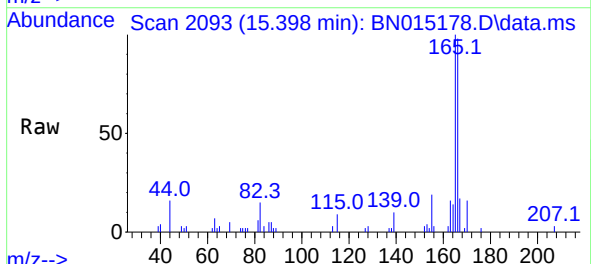
Tgt Ion:152 Resp: 51063
Ion Ratio Lower Upper
152 100
151 22.0 15.9 23.9
153 15.0 10.0 15.0#

Manual Integrations
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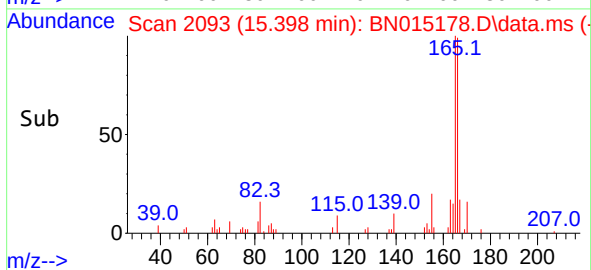
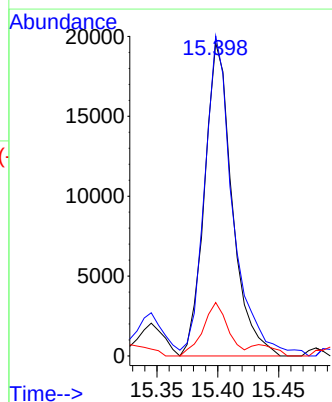
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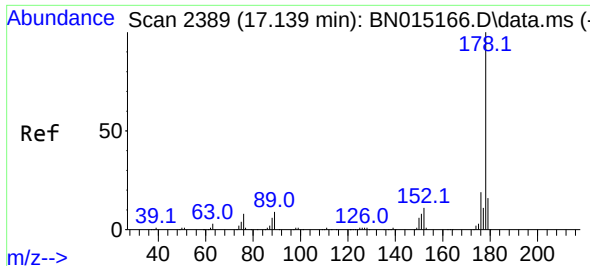


#61
Fluorene
Concen: 1.005 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35

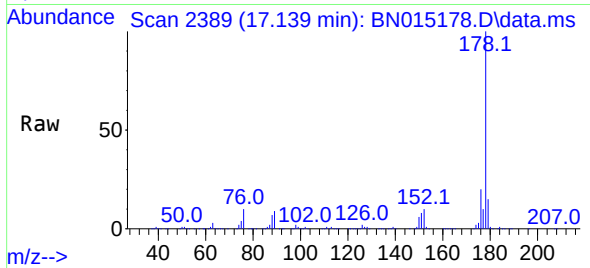


Tgt Ion:166 Resp: 31030
Ion Ratio Lower Upper
166 100
165 102.2 78.2 117.4
167 17.1 11.0 16.4#

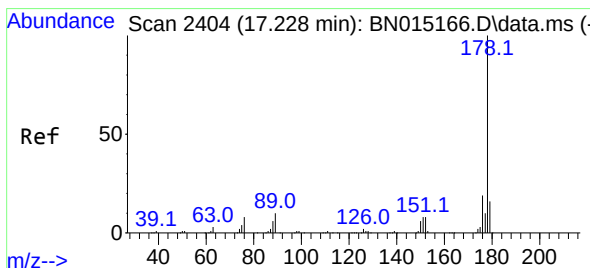
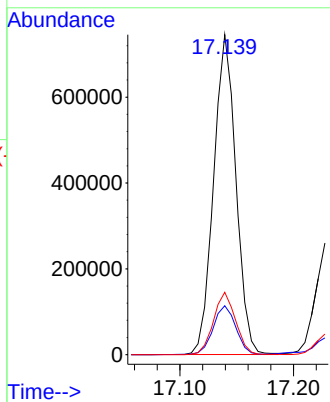
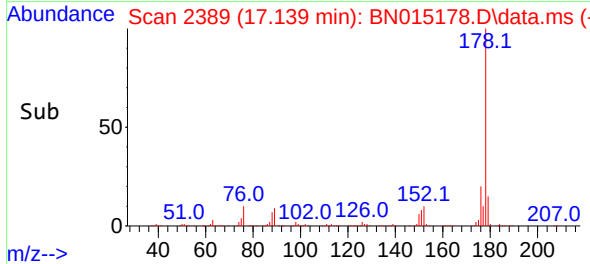




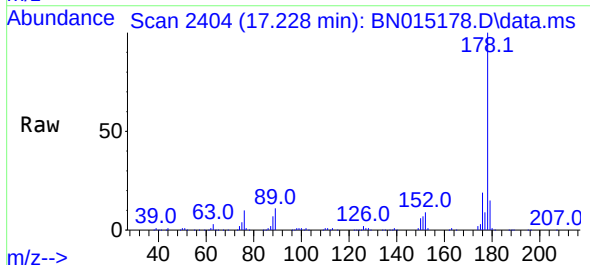
#72
Phenanthrene
Concen: 19.816 ng/u1
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35



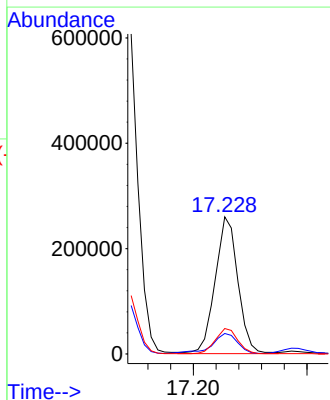
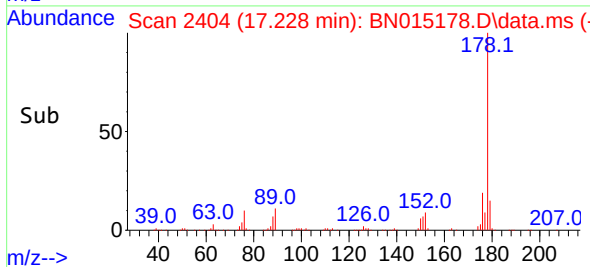
Tgt Ion:178 Resp: 1017822
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.5 15.4 23.2



#74
Anthracene
Concen: 6.871 ng/u1
RT: 17.228 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35



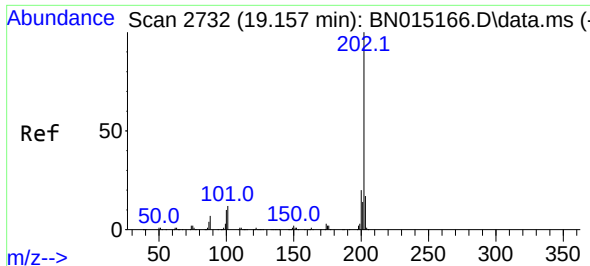
Tgt Ion:178 Resp: 362311
Ion Ratio Lower Upper
178 100
179 15.0 11.6 17.4
176 18.5 14.6 21.8



Instrument :
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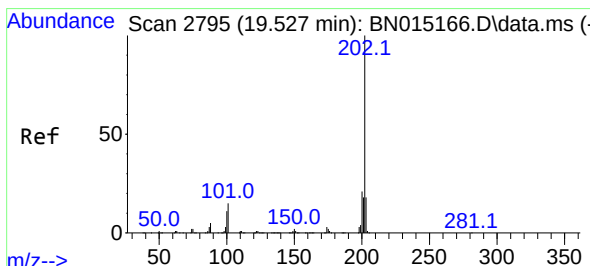
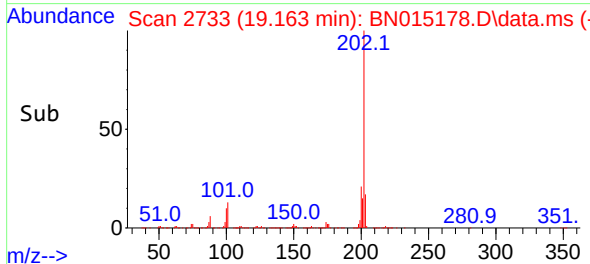
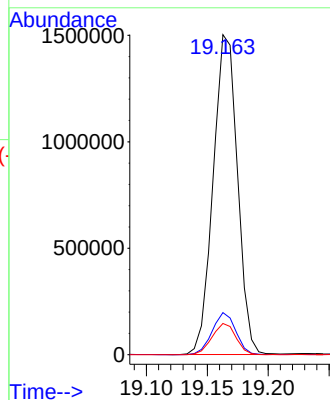
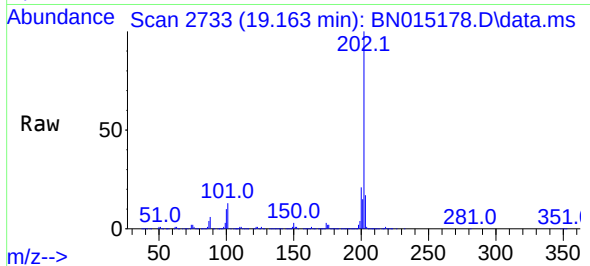
#80
Fluoranthene
Concen: 38.002 ng/u1
RT: 19.163 min Scan# 2733
Delta R.T. 0.000 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35

Tgt Ion:202 Resp: 2091338
Ion Ratio Lower Upper
202 100
101 13.1 9.5 14.3
100 9.8 7.4 11.2

Instrument :
BNA_N
ClientSampleId :
BGD73DL

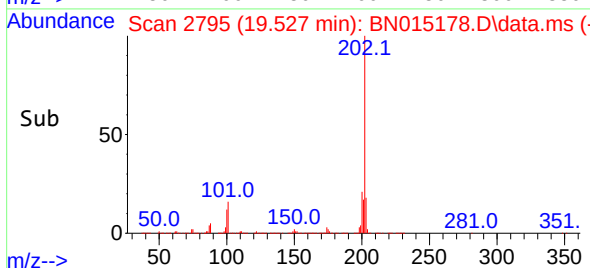
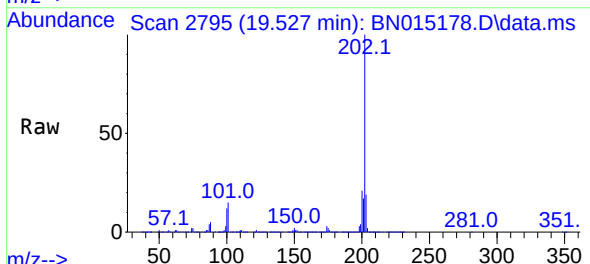
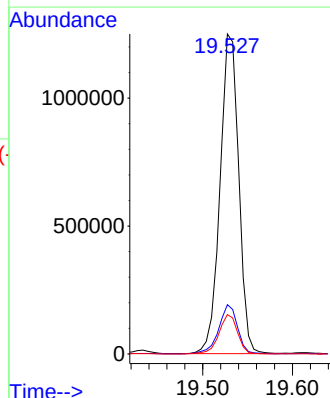
Manual Integrations
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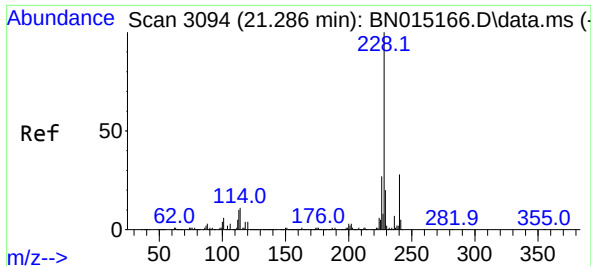
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#82
Pyrene
Concen: 31.479 ng/u1
RT: 19.527 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35

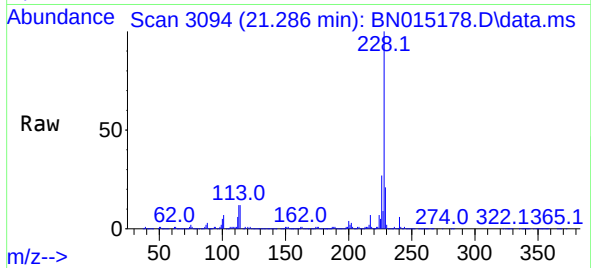
Tgt Ion:202 Resp: 1805640
Ion Ratio Lower Upper
202 100
101 15.4 11.6 17.4
100 12.3 9.2 13.8





#85
Benzo(a)anthracene
Concen: 21.378 ng/u1
RT: 21.286 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35

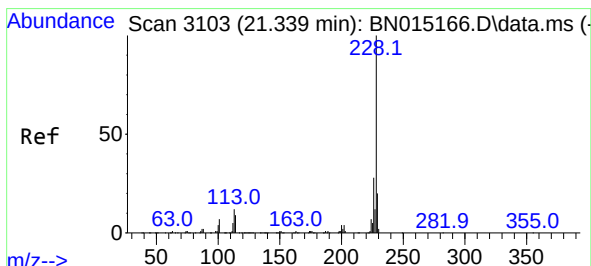
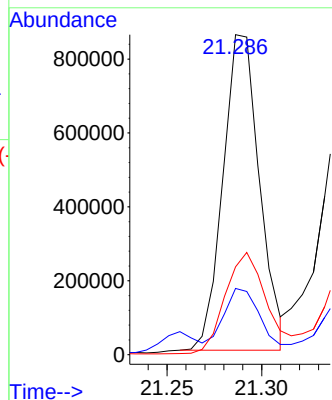
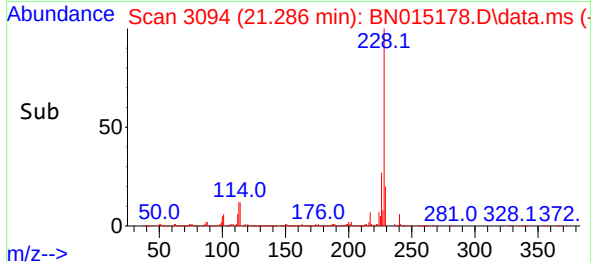
Instrument :
BNA_N
ClientSampled :
BGD73DL



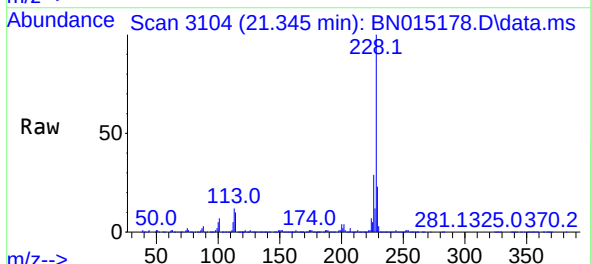
Tgt Ion:228 Resp: 1150072
Ion Ratio Lower Upper
228 100
229 20.7 14.8 22.2
226 27.5 20.2 30.4

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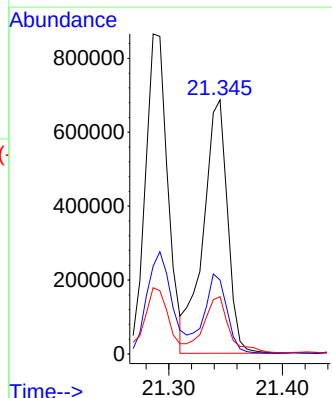
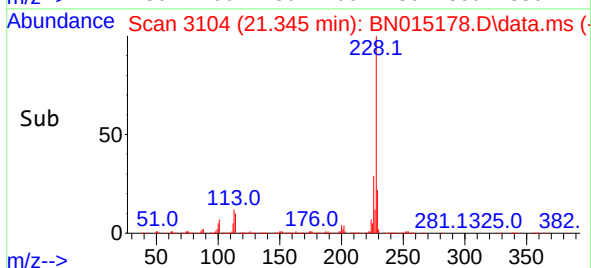
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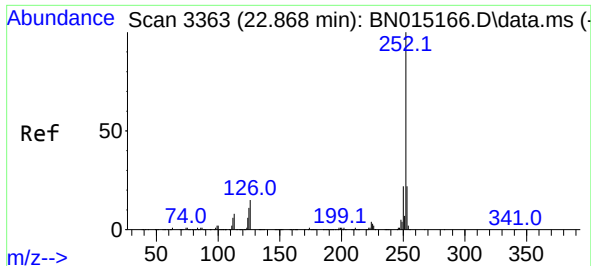


#87
Chrysene
Concen: 19.227 ng/u1
RT: 21.345 min Scan# 3104
Delta R.T. 0.012 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35



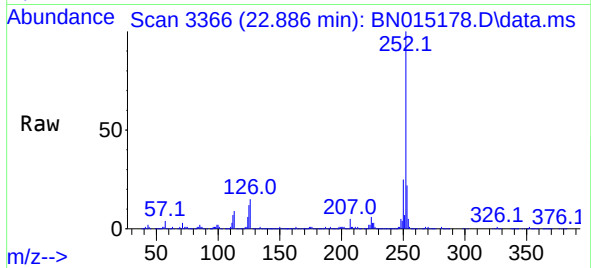
Tgt Ion:228 Resp: 1018588
Ion Ratio Lower Upper
228 100
226 29.1 22.6 33.8
229 22.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 21.837 ng/ul
RT: 22.886 min Scan# 3366
Delta R.T. 0.018 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35

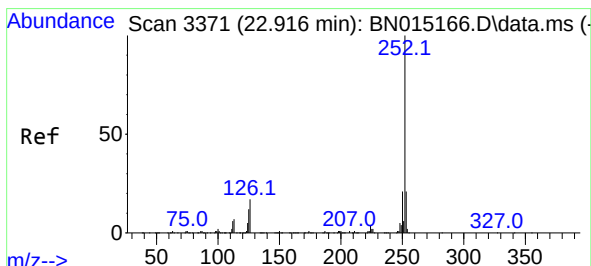
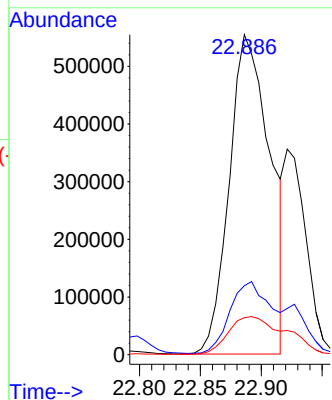
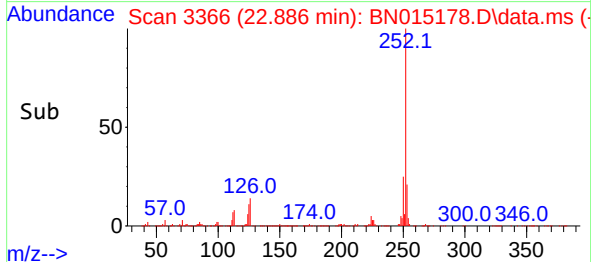
Instrument :
BNA_N
ClientSampleId :
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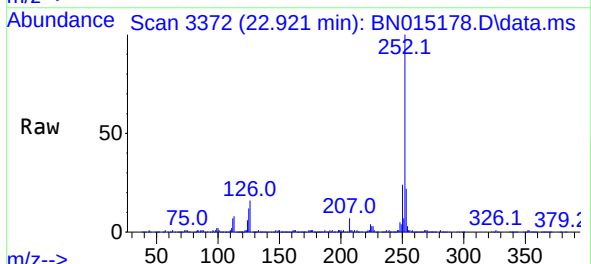
Tgt Ion:252 Resp: 1288648
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 11.6 9.4 14.0

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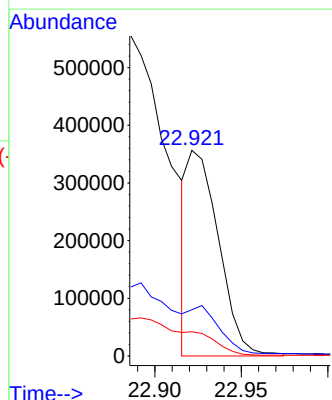
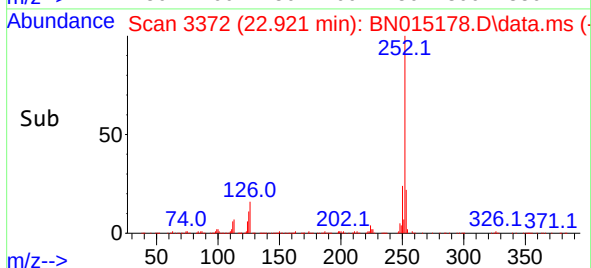
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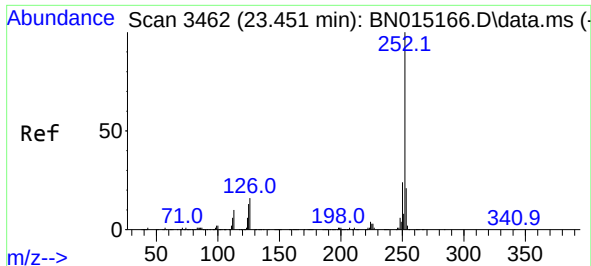


#91
Benzo(k)fluoranthene
Concen: 7.412 ng/ul m
RT: 22.921 min Scan# 3372
Delta R.T. 0.006 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35



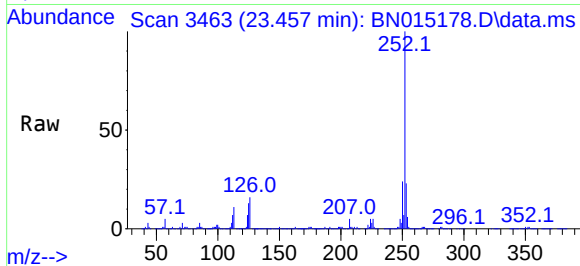
Tgt Ion:252 Resp: 442679
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.7 8.8 13.2





#93
Benzo(a)pyrene
Concen: 18.868 ng/u1
RT: 23.457 min Scan# 3463
Delta R.T. 0.012 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35

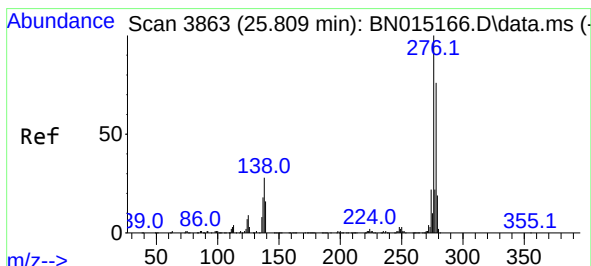
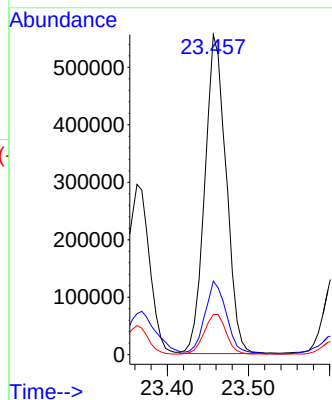
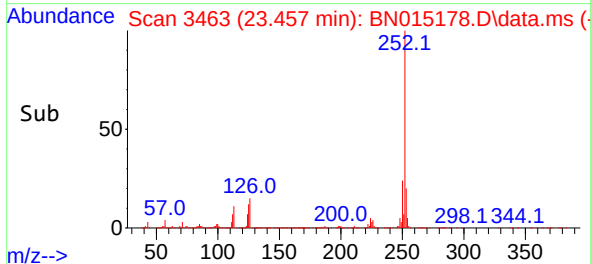
Instrument :
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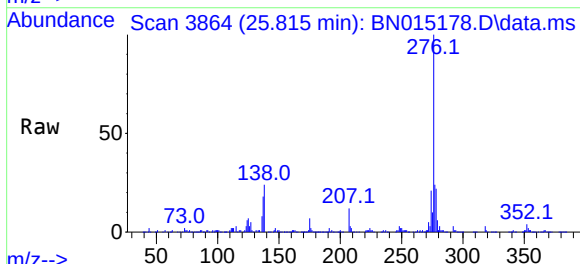
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Ion Ratio Lower Upper
252 100
253 23.0 16.4 24.6
125 12.6 9.3 13.9

Manual Integrations
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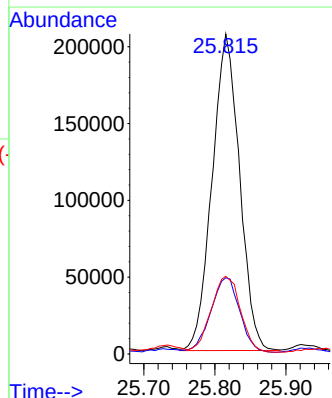
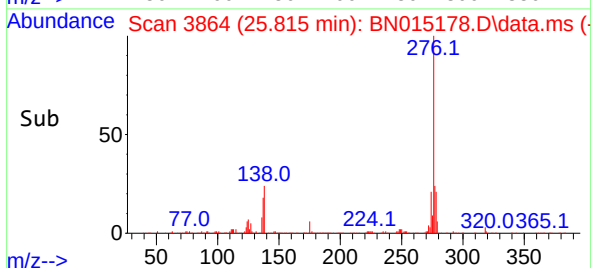
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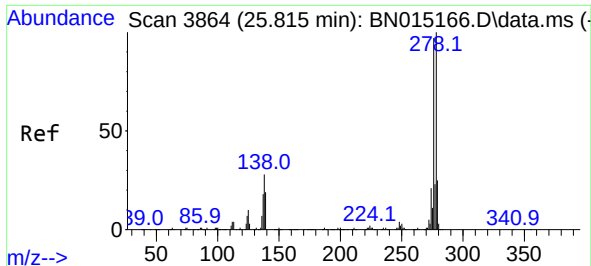


#94
Indeno(1,2,3-cd)pyrene
Concen: 8.482 ng/u1
RT: 25.815 min Scan# 3864
Delta R.T. 0.012 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35



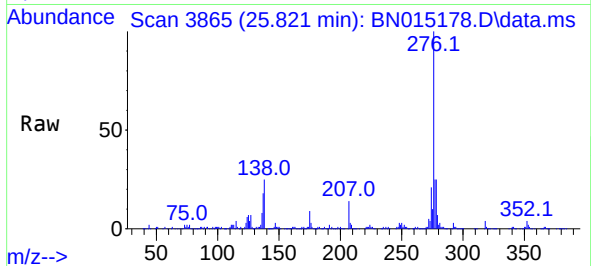
Tgt Ion:276 Resp: 551940
Ion Ratio Lower Upper
276 100
138 23.8 23.0 34.4
277 24.2 19.5 29.3





#95
Dibenzo(a,h)anthracene
Concen: 2.722 ng/ul m
RT: 25.821 min Scan# 3865
Delta R.T. 0.000 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35

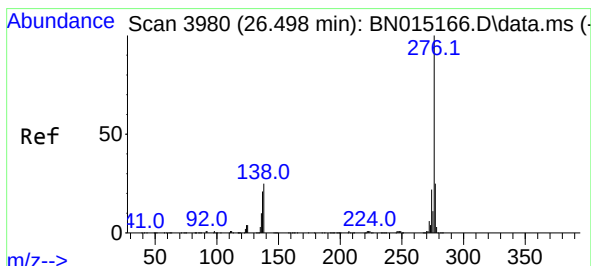
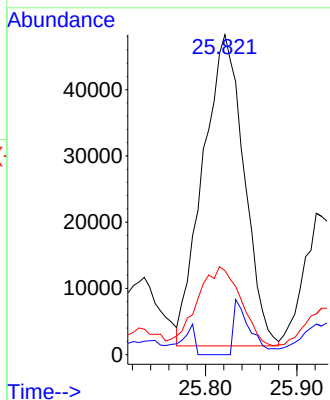
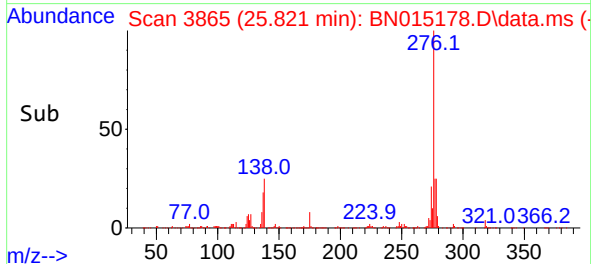
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ClientSampled :
BGD73DL



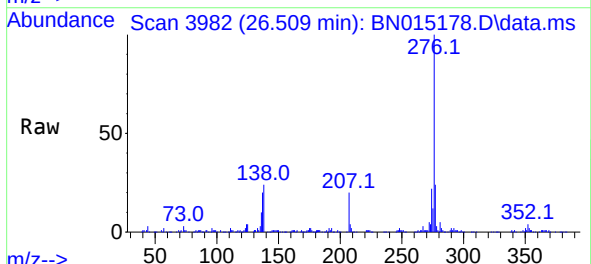
Tgt Ion:278 Resp: 146795
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 26.3 20.2 30.4

Manual Integrations
APPROVED

mohammad
6/29/2021 2:30:50 PM



#96
Benzo(g,h,i)perylene
Concen: 7.436 ng/ul
RT: 26.509 min Scan# 3982
Delta R.T. 0.012 min
Lab File: BN015178.D
Acq: 28 Jun 2021 16:35



Tgt Ion:276 Resp: 418256
Ion Ratio Lower Upper
276 100
138 24.1 19.4 29.2
277 23.6 18.4 27.6

