

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015108.D
 Acq On : 26 Jun 2021 09:50
 Operator : CG/JU
 Sample : M2680-02DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD72DL

Manual Integrations
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Quant Time: Jun 26 23:59:11 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	184954	20.000	ng/u1	0.00
20) Naphthalene-d8	10.498	136	736418	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	443061	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	885244	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	835171	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	870546	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	2246	0.473	ng/uL	0.00
4) Pyridine-d5	3.693	84	10774m	0.841	ng/u1	0.02
7) Phenol-d5	6.893	99	38007	2.368	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	24484	2.597	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	31475	2.586	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	27389	2.211	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	13347	2.650	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	11302	2.519	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	25091	2.369	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	30102	1.834	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	82714	2.719	ng/u1	0.00
49) Acenaphthylene-d8	14.039	160	104584	2.648	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.345	176	77267	2.919	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.192	188	121908	3.009	ng/u1	0.00
81) Pyrene-d10	19.498	212	137114	3.132	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.398	264	133090	3.097	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.139	178	498664	10.673	ng/u1	99
74) Anthracene	17.228	178	156895	3.271	ng/u1	97
77) Carbazole	17.498	167	63343	1.465	ng/u1	98
80) Fluoranthene	19.163	202	1096815	20.756	ng/u1	100
82) Pyrene	19.527	202	913628	16.588	ng/u1	99
85) Benzo(a)anthracene	21.280	228	760040	14.713	ng/u1	97
87) Chrysene	21.333	228	689430	13.553	ng/u1	93
90) Benzo(b)fluoranthene	22.874	252	900029	17.169	ng/u1	97
91) Benzo(k)fluoranthene	22.910	252	365342m	6.886	ng/u1	
93) Benzo(a)pyrene	23.445	252	725281	15.222	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	25.798	276	431181	7.459	ng/u1	96
95) Dibenzo(a,h)anthracene	25.804	278	116119m	2.423	ng/u1	
96) Benzo(g,h,i)perylene	26.486	276	326882	6.541	ng/u1	100

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

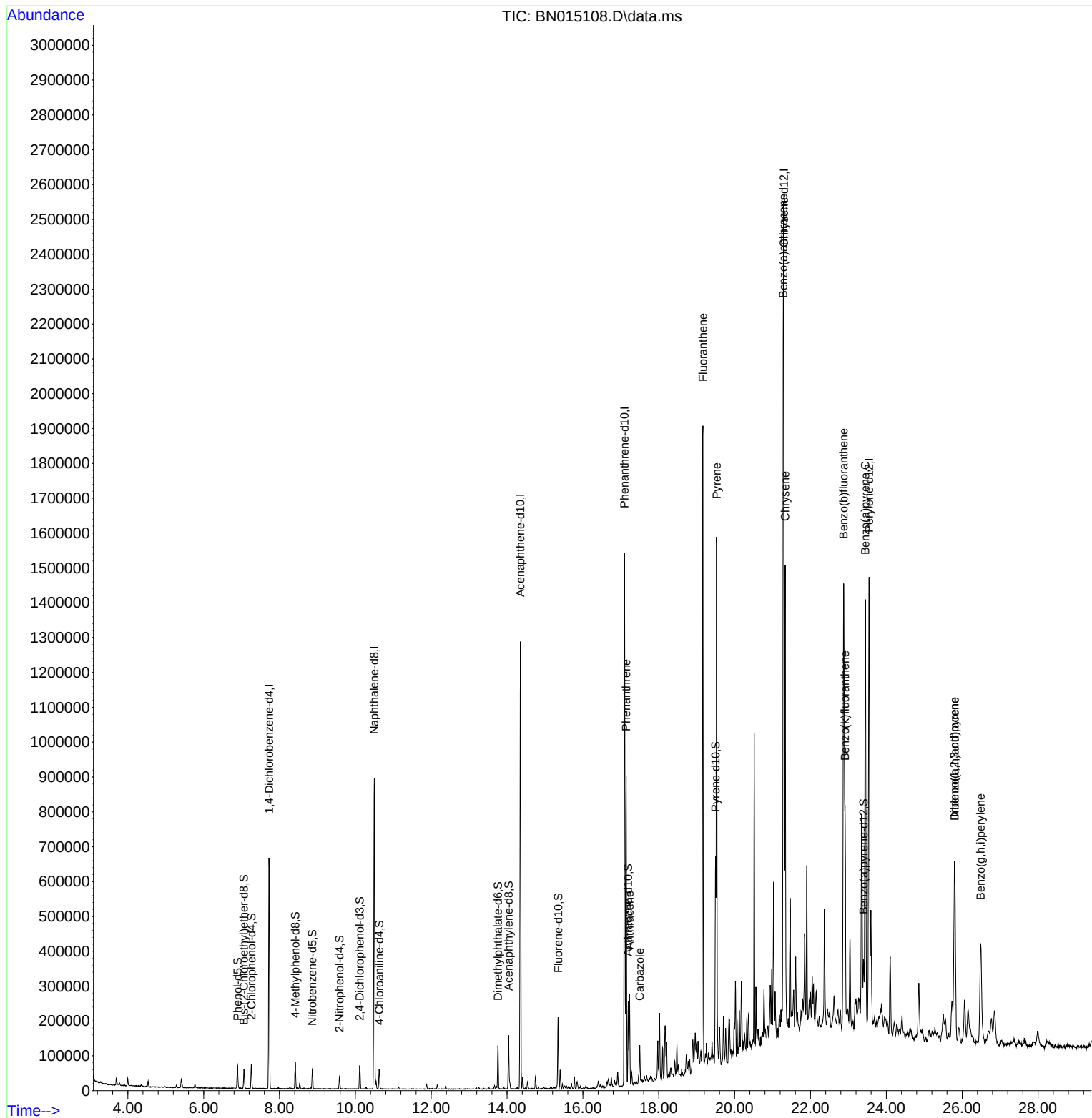
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Data File : BN015108.D
Acq On : 26 Jun 2021 09:50
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ALS Vial : 37 Sample Multiplier: 1

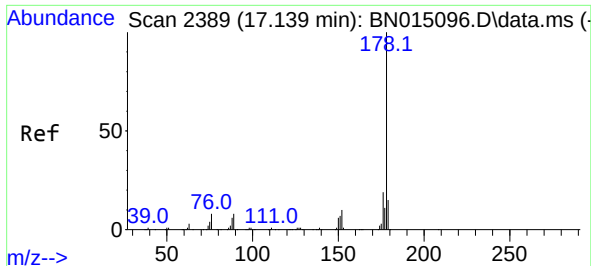
Instrument :
BNA_N
ClientSampled :
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Quant Title : SVOA CALIBRATION
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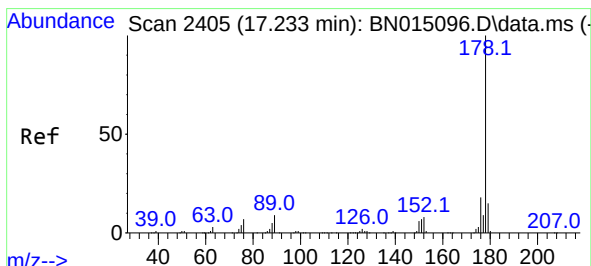
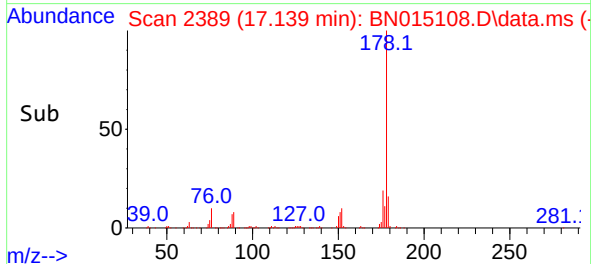
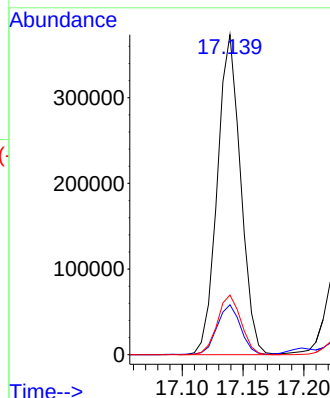
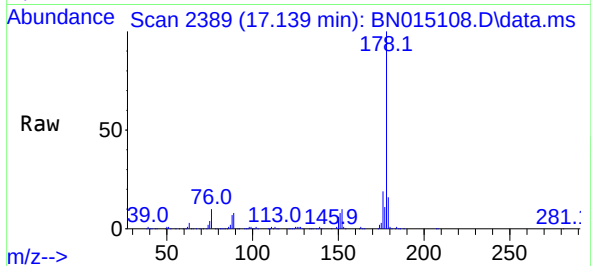
#72
Phenanthrene
Concen: 10.673 ng/u1
RT: 17.139 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BN015108.D
Acq: 26 Jun 2021 09:50

Tgt Ion:178 Resp: 498664
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.6 15.4 23.2

Instrument :
BNA_N
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BGD72DL

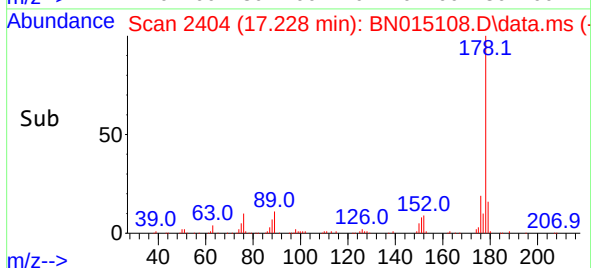
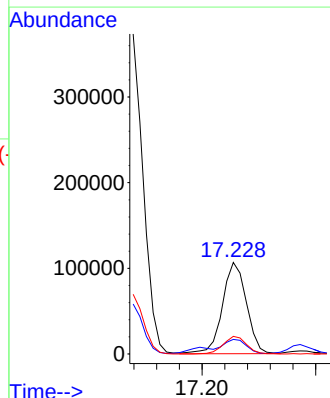
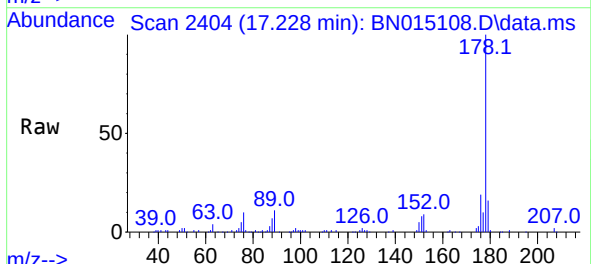
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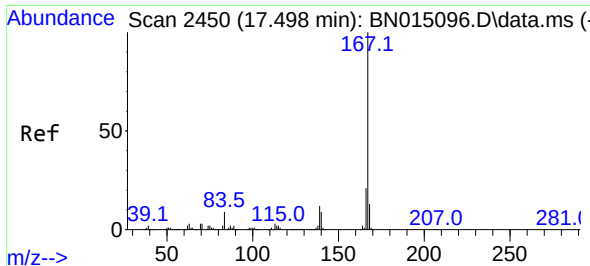
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#74
Anthracene
Concen: 3.271 ng/u1
RT: 17.228 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BN015108.D
Acq: 26 Jun 2021 09:50

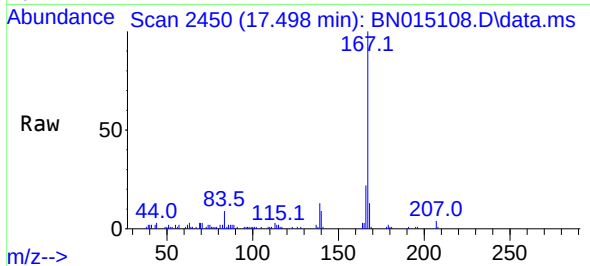
Tgt Ion:178 Resp: 156895
Ion Ratio Lower Upper
178 100
179 15.8 11.6 17.4
176 19.2 14.6 21.8





#77
 Carbazole
 Concen: 1.465 ng/ul
 RT: 17.498 min Scan# 2450
 Delta R.T. -0.000 min
 Lab File: BN015108.D
 Acq: 26 Jun 2021 09:50

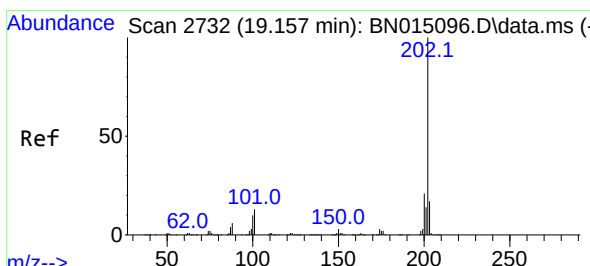
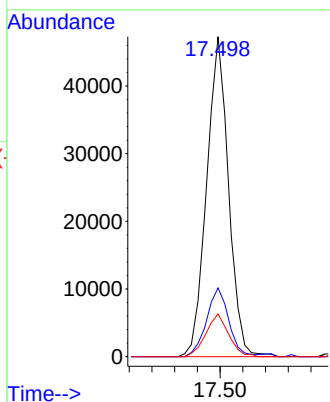
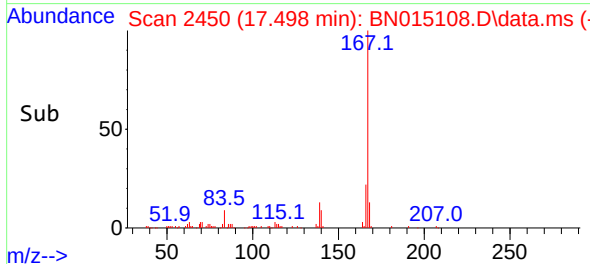
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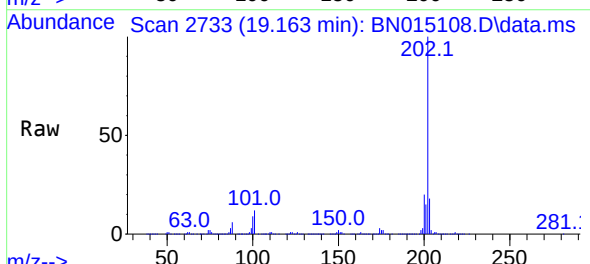
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 Ion Ratio Lower Upper
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 166 21.5 16.4 24.6
 139 13.4 10.0 15.0

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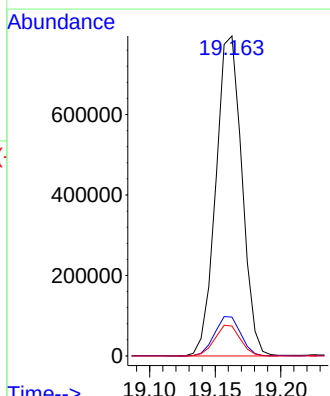
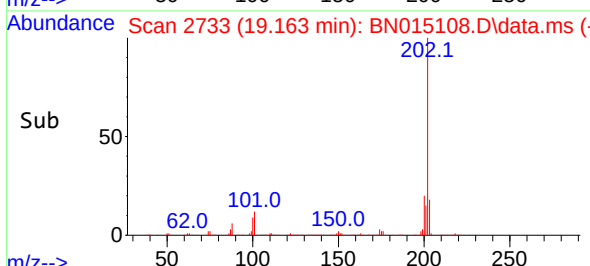
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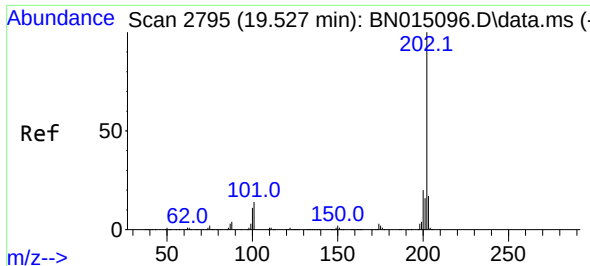


#80
 Fluoranthene
 Concen: 20.756 ng/ul
 RT: 19.163 min Scan# 2733
 Delta R.T. -0.000 min
 Lab File: BN015108.D
 Acq: 26 Jun 2021 09:50



Tgt Ion:202 Resp: 1096815
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.5 14.3
 100 9.4 7.4 11.2





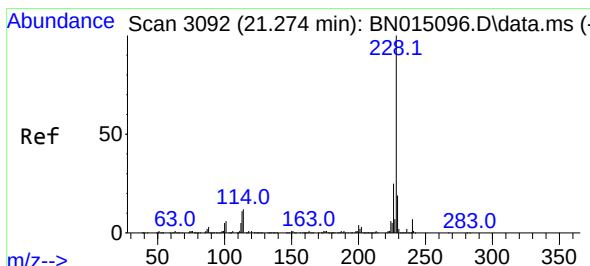
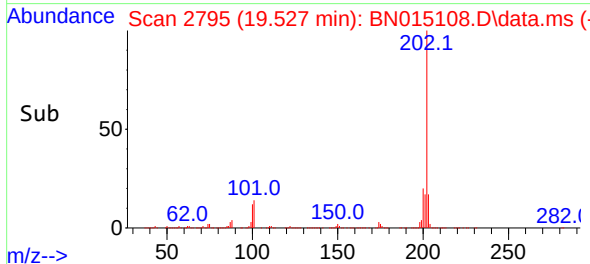
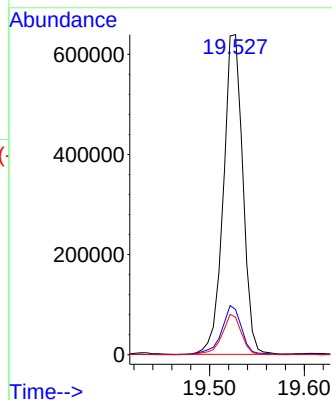
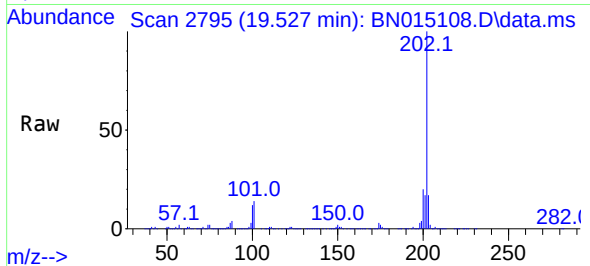
#82
Pyrene
Concen: 16.588 ng/ul
RT: 19.527 min Scan# 2795
Delta R.T. -0.000 min
Lab File: BN015108.D
Acq: 26 Jun 2021 09:50

Tgt Ion:202 Resp: 913628
Ion Ratio Lower Upper
202 100
101 14.1 11.6 17.4
100 11.7 9.2 13.8

Instrument :
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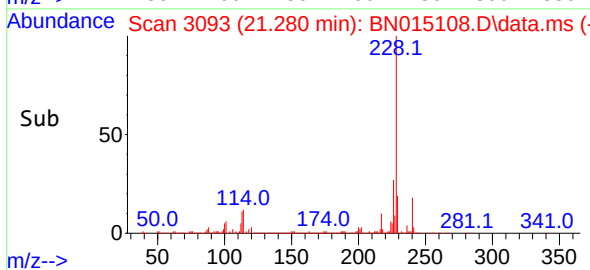
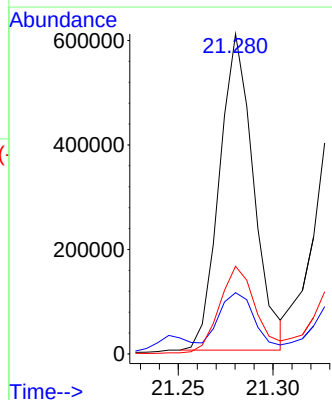
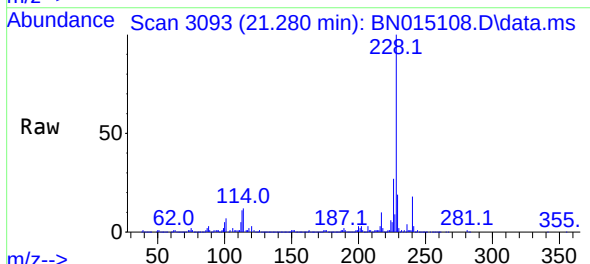
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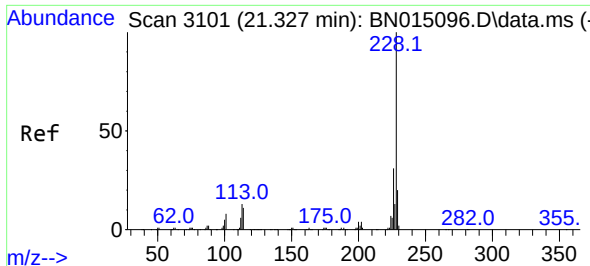
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#85
Benzo(a)anthracene
Concen: 14.713 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BN015108.D
Acq: 26 Jun 2021 09:50

Tgt Ion:228 Resp: 760040
Ion Ratio Lower Upper
228 100
229 19.2 14.8 22.2
226 27.4 20.2 30.4





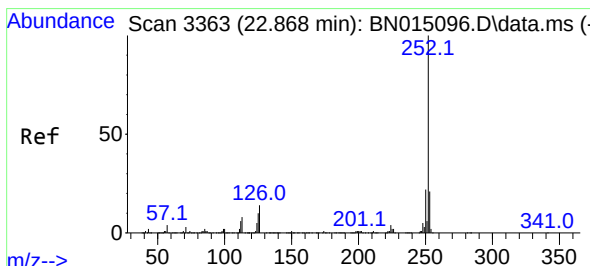
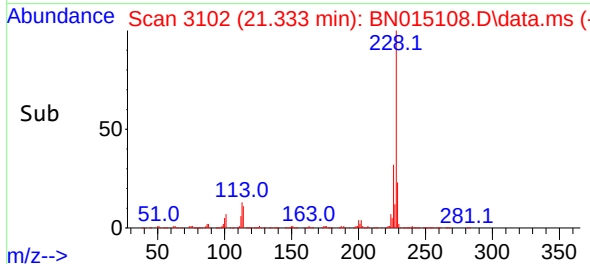
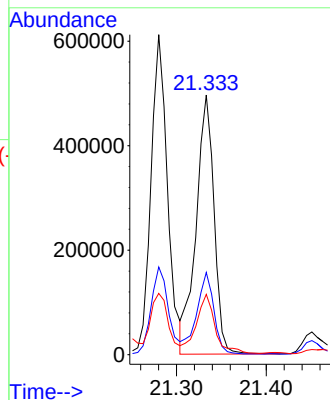
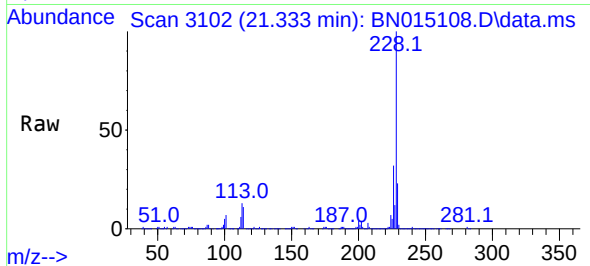
#87
Chrysene
Concen: 13.553 ng/u1
RT: 21.333 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BN015108.D
Acq: 26 Jun 2021 09:50

Tgt Ion:228 Resp: 689430
Ion Ratio Lower Upper
228 100
226 31.7 22.6 33.8
229 23.2 15.5 23.3

Instrument :
BNA_N
ClientSampled :
BGD72DL

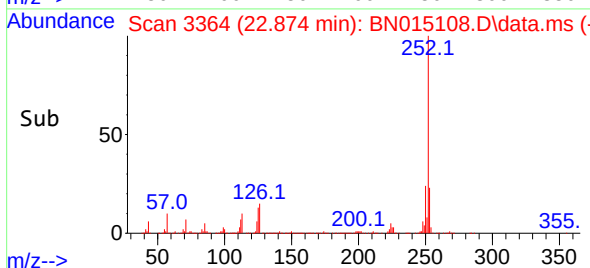
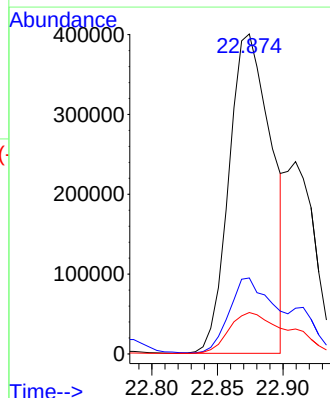
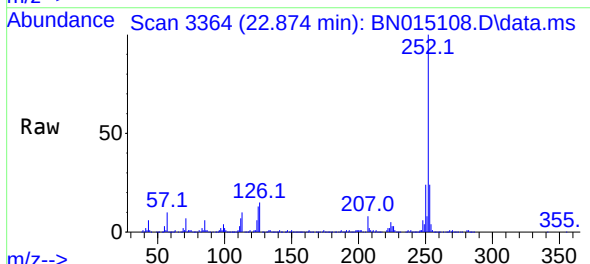
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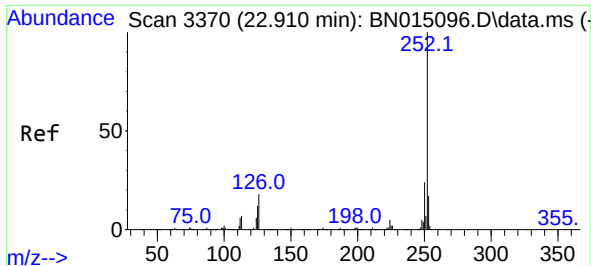
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#90
Benzo(b)fluoranthene
Concen: 17.169 ng/u1
RT: 22.874 min Scan# 3364
Delta R.T. 0.006 min
Lab File: BN015108.D
Acq: 26 Jun 2021 09:50

Tgt Ion:252 Resp: 900029
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 13.0 9.4 14.0





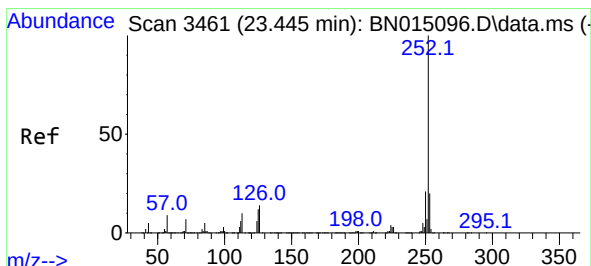
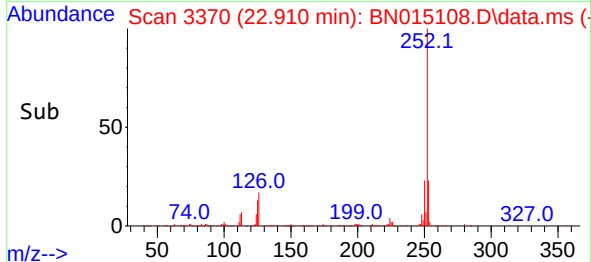
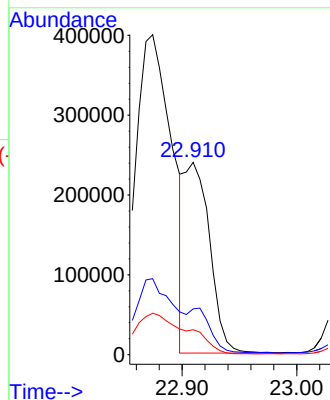
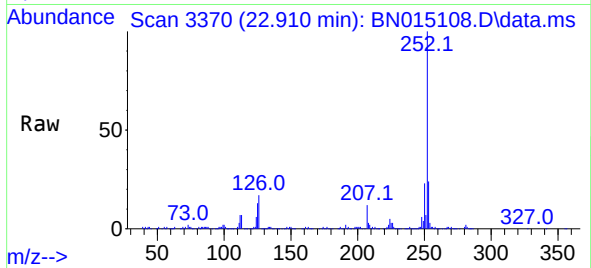
#91
Benzo(k)fluoranthene
Concen: 6.886 ng/ul m
RT: 22.910 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BN015108.D
Acq: 26 Jun 2021 09:50

Instrument :
BNA_N
ClientSampleId :
BGD72DL

Tgt Ion:252 Resp: 365342
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 13.0 8.8 13.2

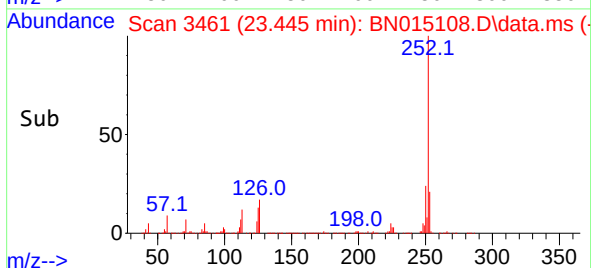
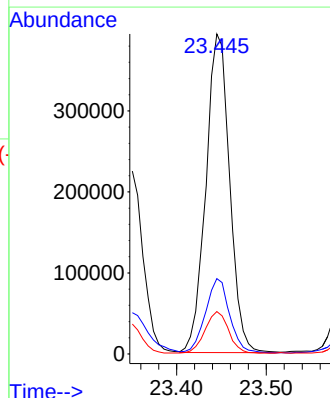
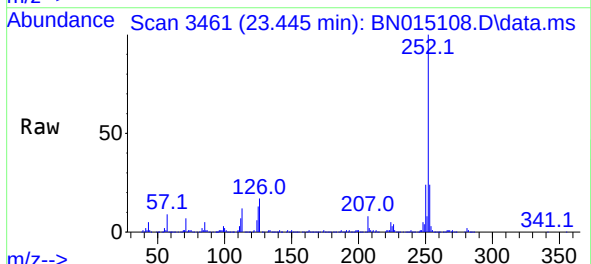
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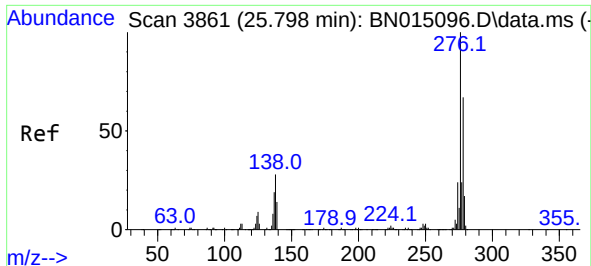
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#93
Benzo(a)pyrene
Concen: 15.222 ng/ul
RT: 23.445 min Scan# 3461
Delta R.T. -0.000 min
Lab File: BN015108.D
Acq: 26 Jun 2021 09:50

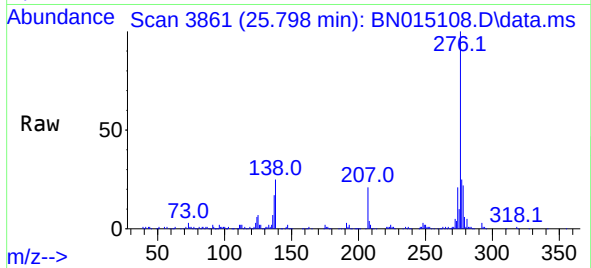
Tgt Ion:252 Resp: 725281
Ion Ratio Lower Upper
252 100
253 23.5 16.4 24.6
125 13.2 9.3 13.9





#94
Indeno(1,2,3-cd)pyrene
Concen: 7.459 ng/ul
RT: 25.798 min Scan# 3861
Delta R.T. -0.006 min
Lab File: BN015108.D
Acq: 26 Jun 2021 09:50

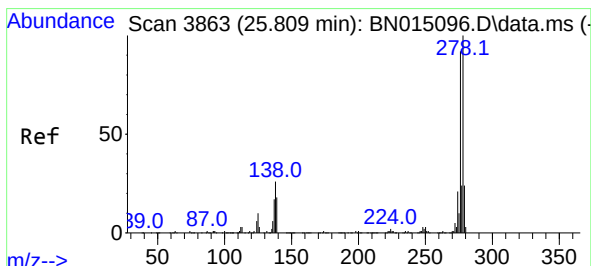
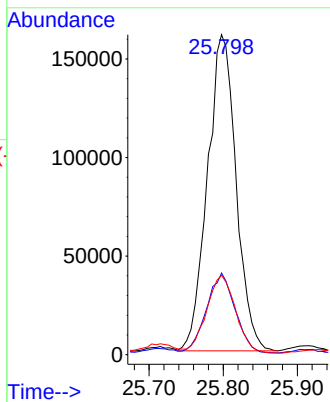
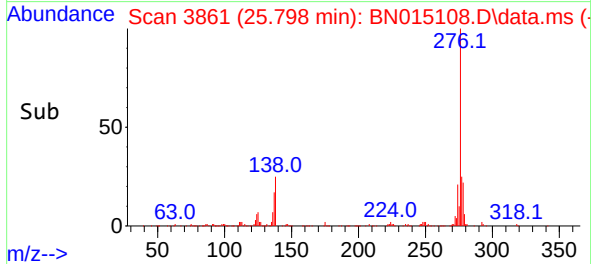
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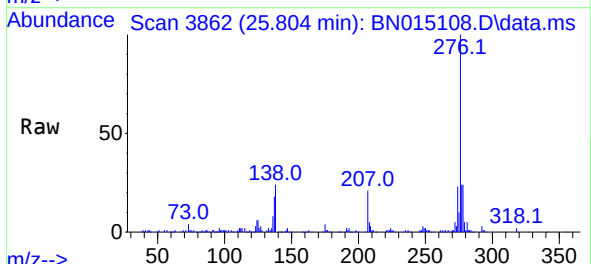
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Ion Ratio Lower Upper
276 100
138 25.5 23.0 34.4
277 24.8 19.5 29.3

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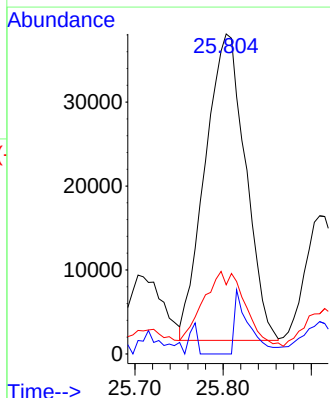
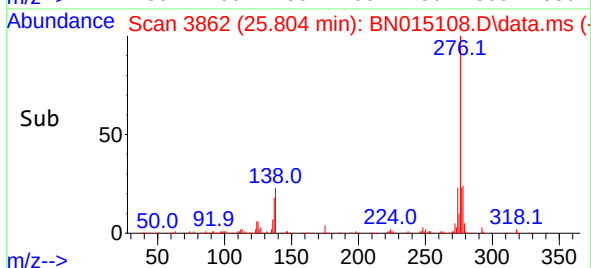
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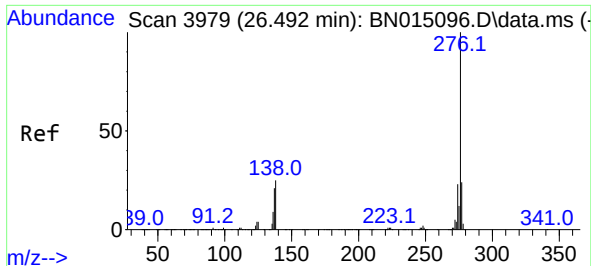


#95
Dibenzo(a,h)anthracene
Concen: 2.423 ng/ul m
RT: 25.804 min Scan# 3862
Delta R.T. -0.018 min
Lab File: BN015108.D
Acq: 26 Jun 2021 09:50

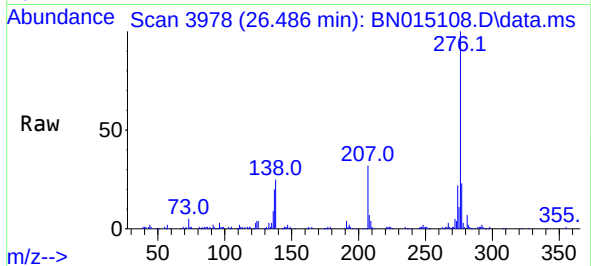


Tgt Ion:278 Resp: 116119
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 21.6 20.2 30.4

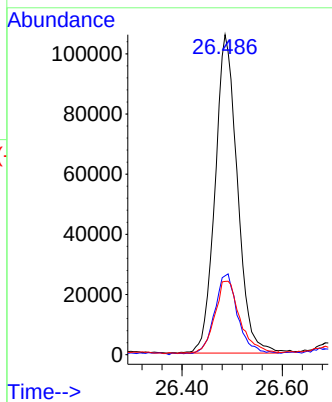
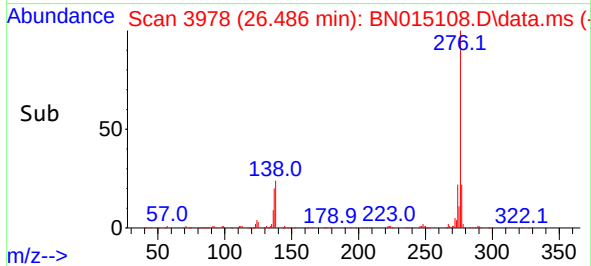




#96
 Benzo(g,h,i)perylene
 Concen: 6.541 ng/ul
 RT: 26.486 min Scan# 3978
 Delta R.T. -0.012 min
 Lab File: BN015108.D
 Acq: 26 Jun 2021 09:50



Tgt Ion: 276 Resp: 326882
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.4 29.2
 277 22.9 18.4 27.6



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