

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015114.D
 Acq On : 26 Jun 2021 13:25
 Operator : CG/JU
 Sample : M2704-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDM6

Manual Integrations
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Quant Time: Jun 27 00:00:29 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	7.728	152	149608	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	628239	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	389203	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	787203	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	718193	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	763948	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	15667	4.075	ng/uL	0.00
4) Pyridine-d5	3.675	84	123311	11.896	ng/u1	0.00
7) Phenol-d5	6.893	99	286456	22.060	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	165474	21.699	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	226397	22.994	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	215285	21.482	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	106490	24.780	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	102182	26.693	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	205714	22.768	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	226955	16.208	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	625079	23.389	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	807983	23.289	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	65198	13.986	ng/u1	0.00
60) Fluorene-d10	15.345	176	558715	24.030	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	25823	7.943	ng/u1	0.00
73) Anthracene-d10	17.198	188	876355	24.323	ng/u1	0.00
81) Pyrene-d10	19.498	212	931990	24.758	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.398	264	934679	24.784	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.546	128	102948	3.211	ng/u1	99
50) Acenaphthylene	14.069	152	52495	1.604	ng/u1	99
52) Acenaphthene	14.416	153	247982	10.767	ng/u1	97
56) Dibenzofuran	14.751	168	53720	1.661	ng/u1	97
61) Fluorene	15.398	166	170779	6.669	ng/u1	99
72) Phenanthrene	17.139	178	1124781	27.071	ng/u1	100
74) Anthracene	17.228	178	397527	9.320	ng/u1	97
80) Fluoranthene	19.163	202	1837399	40.435	ng/u1	99
82) Pyrene	19.528	202	1473005	31.101	ng/u1	99
85) Benzo(a)anthracene	21.280	228	743727m	16.742	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.222	149	108017	3.995	ng/u1	97
87) Chrysene	21.333	228	582868	13.325	ng/u1	98
90) Benzo(b)fluoranthene	22.874	252	709487	15.422	ng/u1	94
91) Benzo(k)fluoranthene	22.910	252	279876m	6.011	ng/u1	
93) Benzo(a)pyrene	23.445	252	604013	14.445	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	25.798	276	336735	6.638	ng/u1	96
95) Dibenzo(a,h)anthracene	25.798	278	89396m	2.126	ng/u1	
96) Benzo(g,h,i)perylene	26.492	276	280196	6.390	ng/u1	98

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

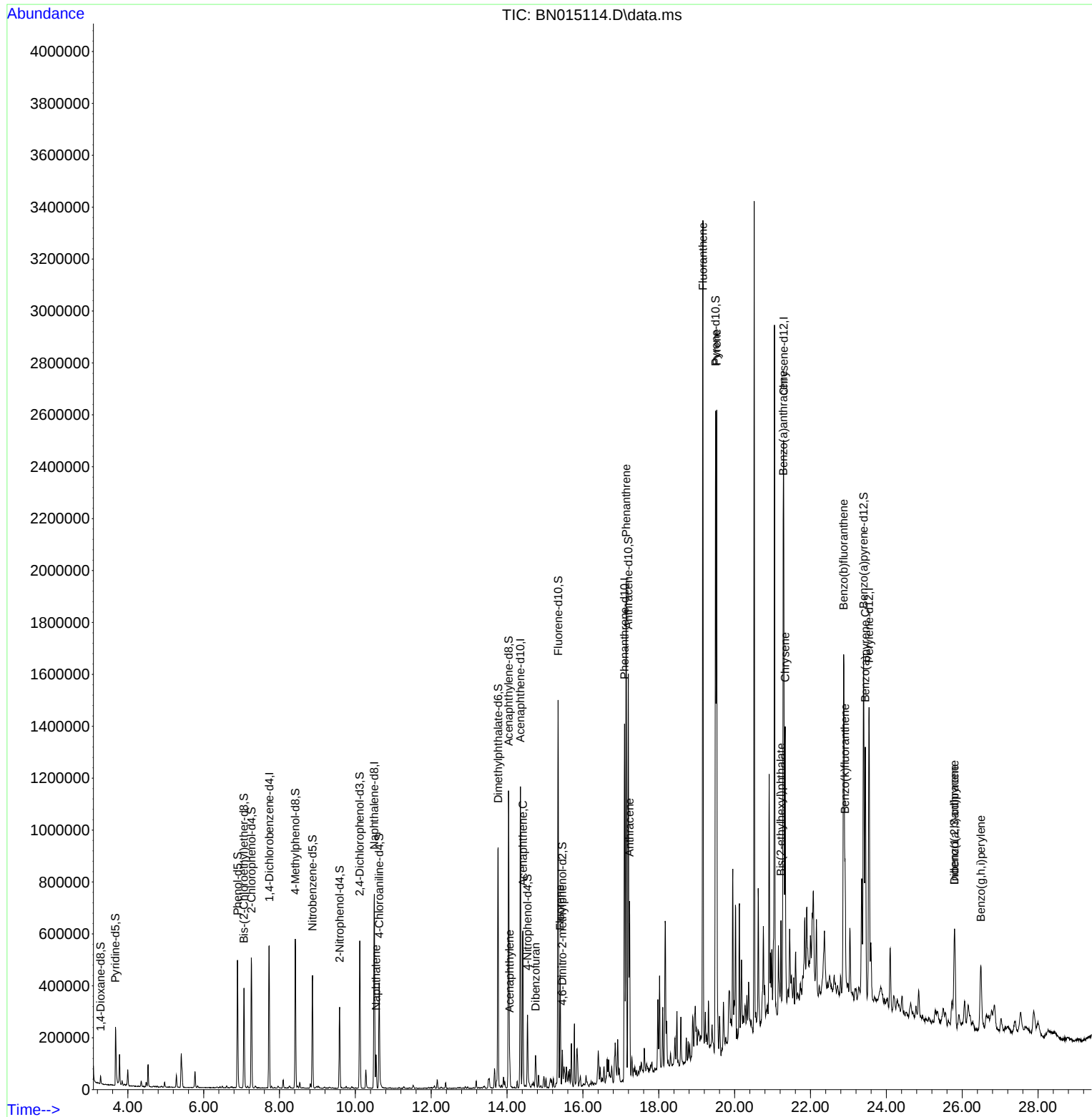
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 Data File : BN015114.D
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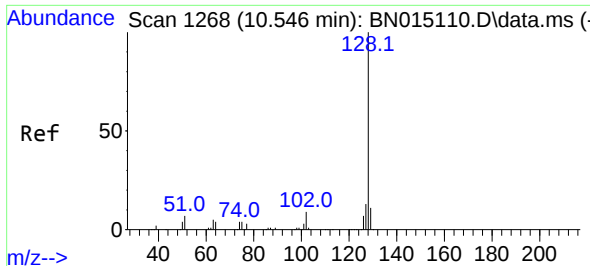
Instrument :
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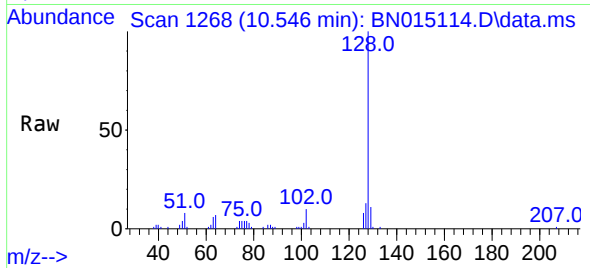
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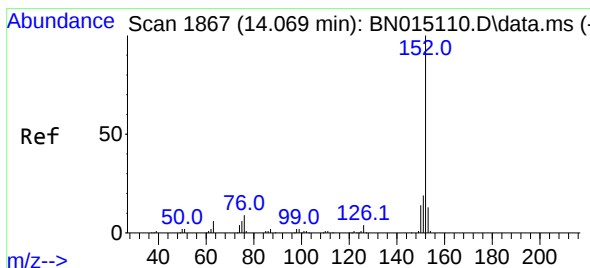
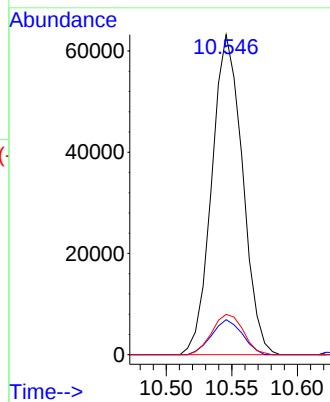
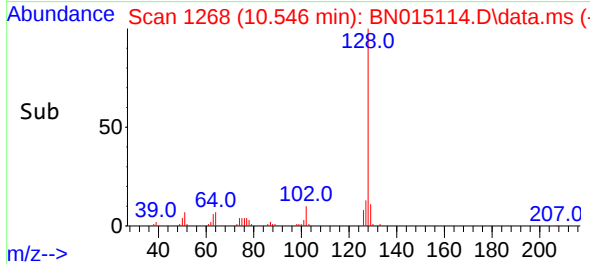




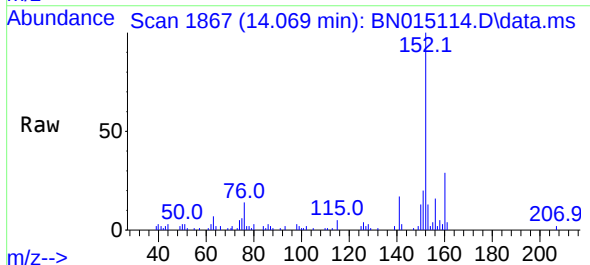
#30
Naphthalene
Concen: 3.211 ng/ul
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25



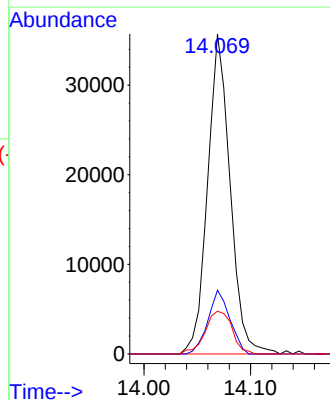
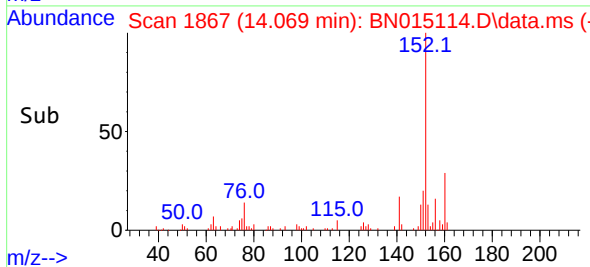
Tgt Ion:128 Resp: 102948
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.6 10.6 16.0



#50
Acenaphthylene
Concen: 1.604 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25



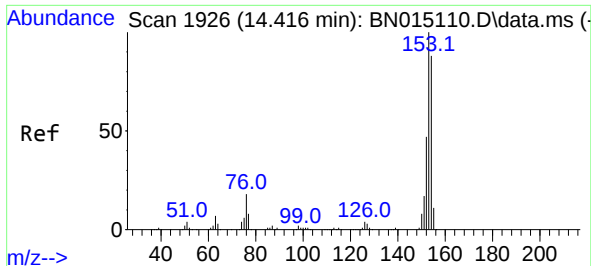
Tgt Ion:152 Resp: 52495
Ion Ratio Lower Upper
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151 19.9 15.9 23.9
153 13.4 10.0 15.0



Instrument :
BNA_N
ClientSampleId :
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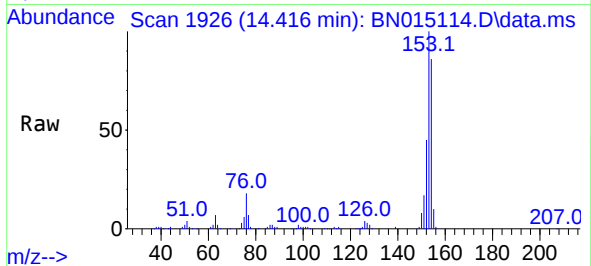
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#52
Acenaphthene
Concen: 10.767 ng/u1
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25

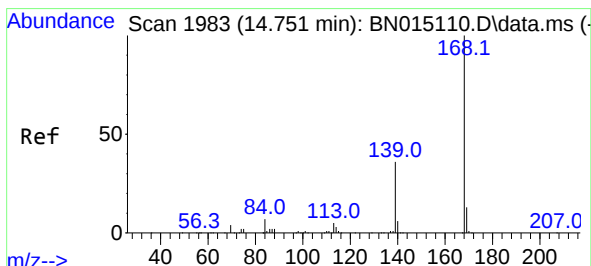
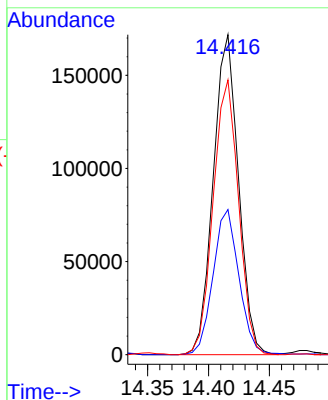
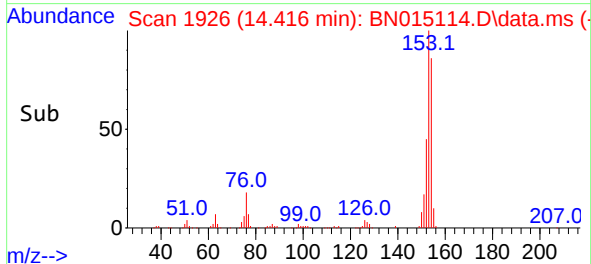
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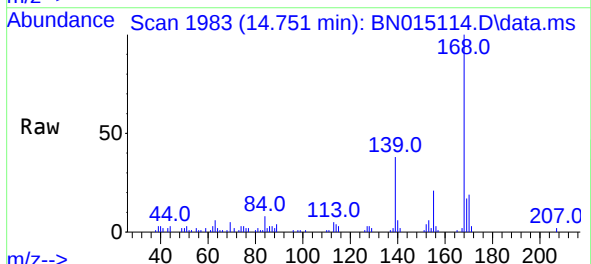
Tgt Ion:153 Resp: 247982
Ion Ratio Lower Upper
153 100
152 45.3 37.6 56.4
154 85.8 71.6 107.4

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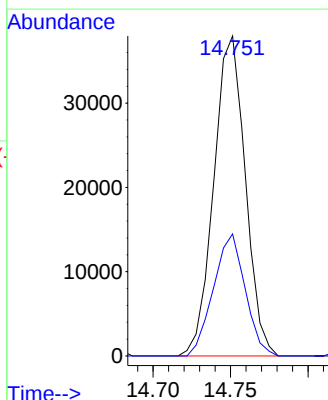
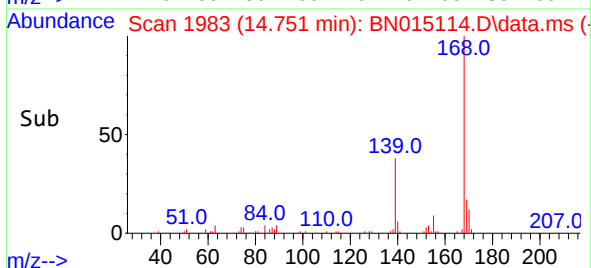
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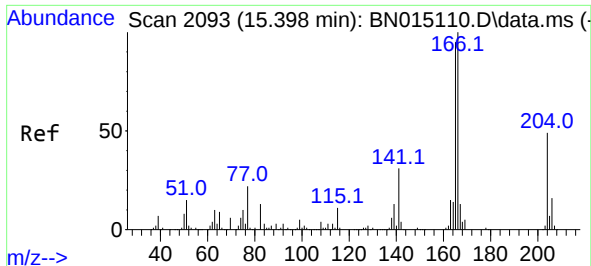


#56
Dibenzofuran
Concen: 1.661 ng/u1
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25



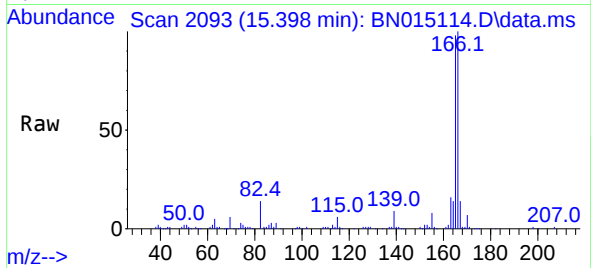
Tgt Ion:168 Resp: 53720
Ion Ratio Lower Upper
168 100
139 38.2 29.0 43.4





#61
Fluorene
Concen: 6.669 ng/u1
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25

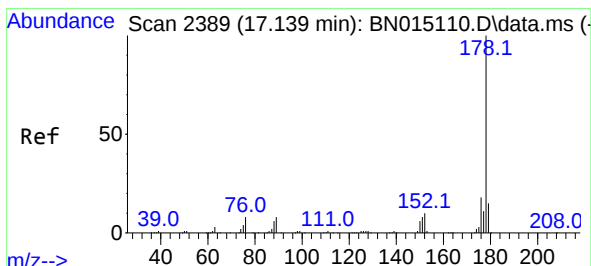
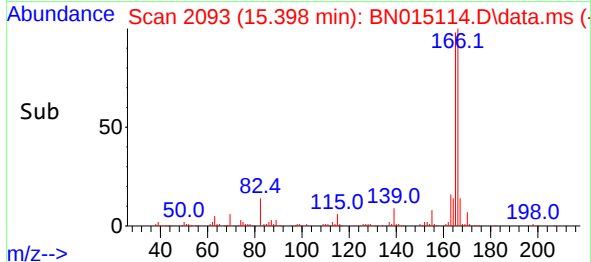
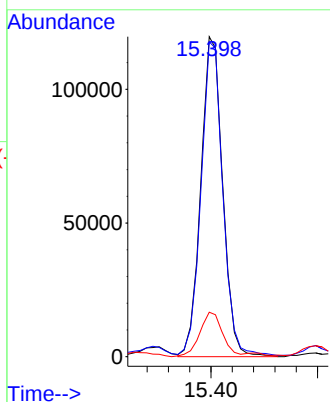
Instrument :
BNA_N
ClientSampleId :
BGDM6



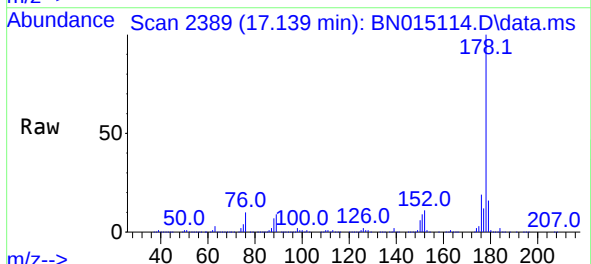
Tgt Ion:166 Resp: 170779
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.4
167 13.9 11.0 16.4

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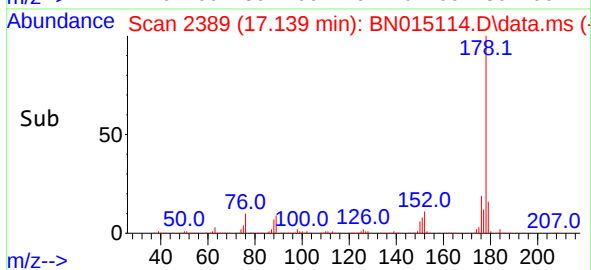
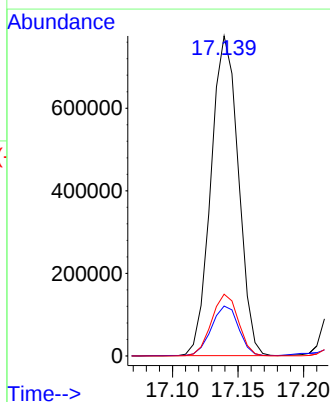
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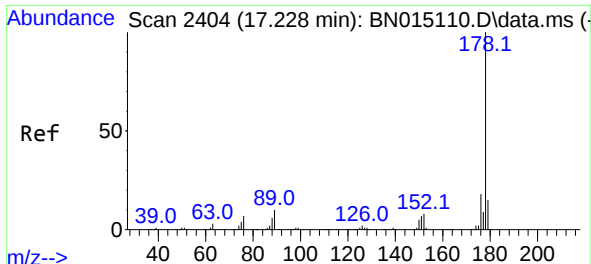


#72
Phenanthrene
Concen: 27.071 ng/u1
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25



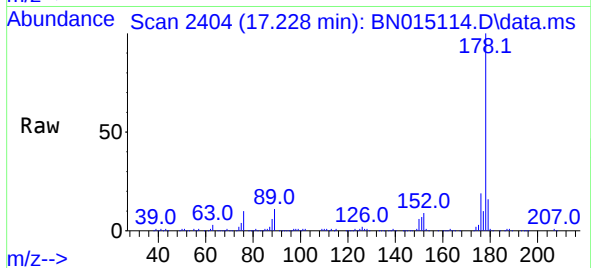
Tgt Ion:178 Resp: 1124781
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.3 15.4 23.2





#74
 Anthracene
 Concen: 9.320 ng/u1
 RT: 17.228 min Scan# 2404
 Delta R.T. -0.006 min
 Lab File: BN015114.D
 Acq: 26 Jun 2021 13:25

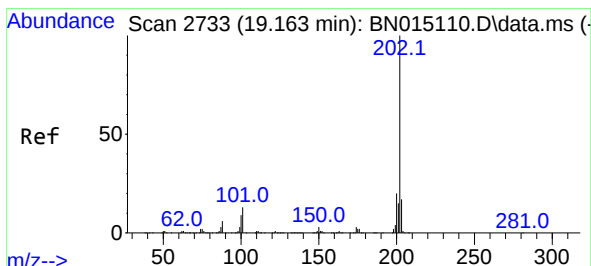
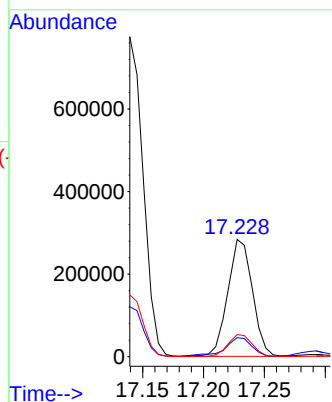
Instrument :
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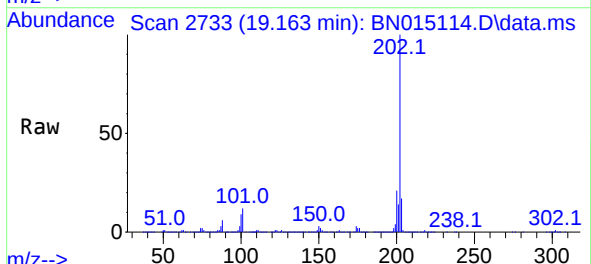
Tgt Ion:178 Resp: 397527
 Ion Ratio Lower Upper
 178 100
 179 16.2 11.6 17.4
 176 18.8 14.6 21.8

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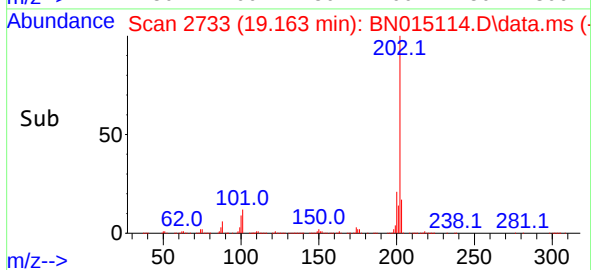
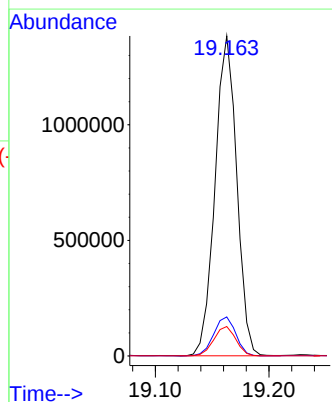
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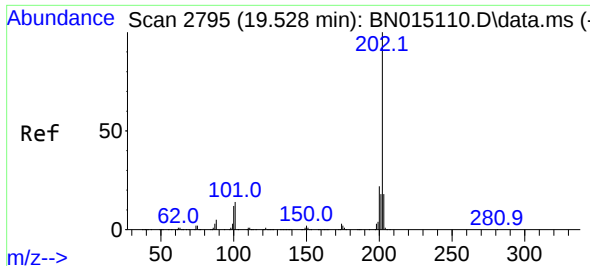


#80
 Fluoranthene
 Concen: 40.435 ng/u1
 RT: 19.163 min Scan# 2733
 Delta R.T. 0.000 min
 Lab File: BN015114.D
 Acq: 26 Jun 2021 13:25



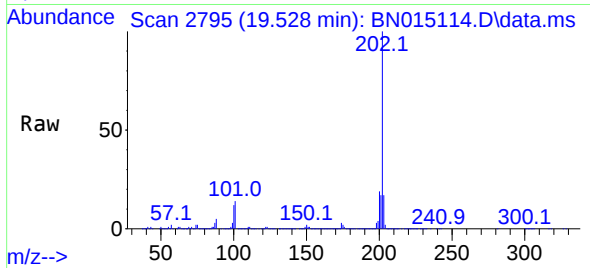
Tgt Ion:202 Resp: 1837399
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.5 14.3
 100 9.2 7.4 11.2





#82
Pyrene
Concen: 31.101 ng/ul
RT: 19.528 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25

Instrument :
BNA_N
ClientSampled :
BGDM6

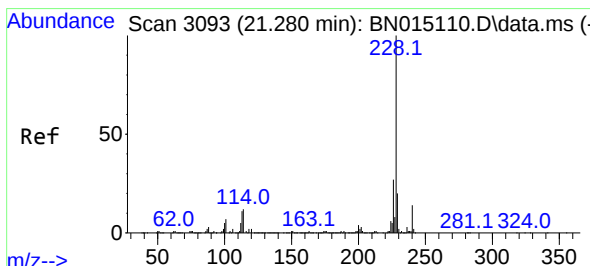
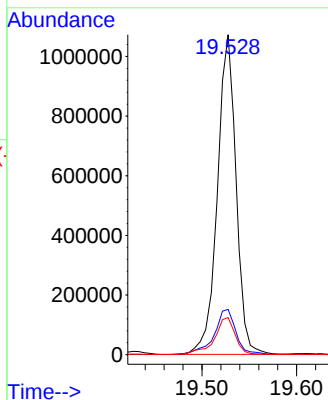
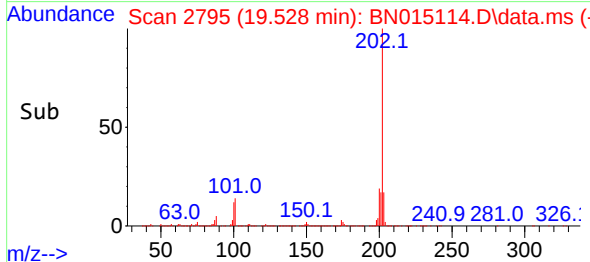


Tgt Ion:202 Resp: 1473005

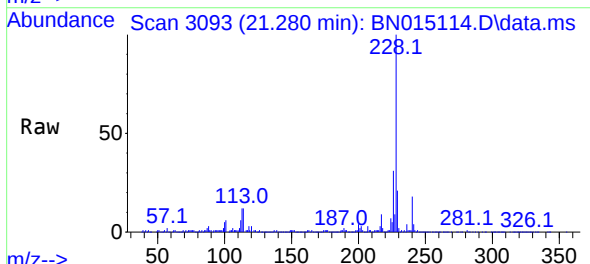
Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.6	17.4
100	11.6	9.2	13.8

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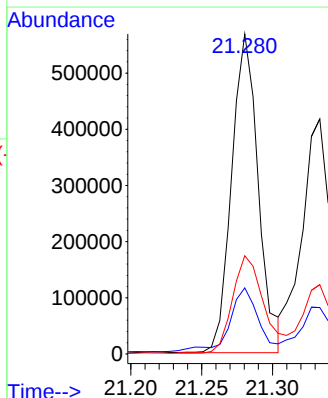
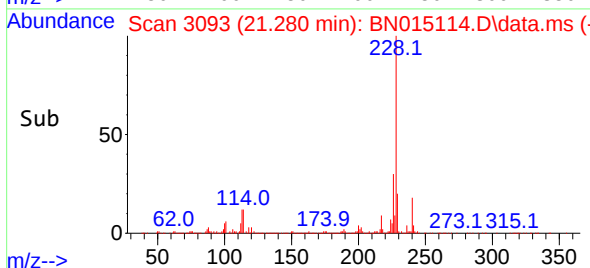


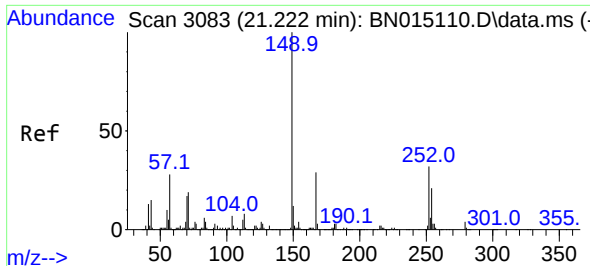
#85
Benzo(a)anthracene
Concen: 16.742 ng/ul m
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25



Tgt Ion:228 Resp: 743727

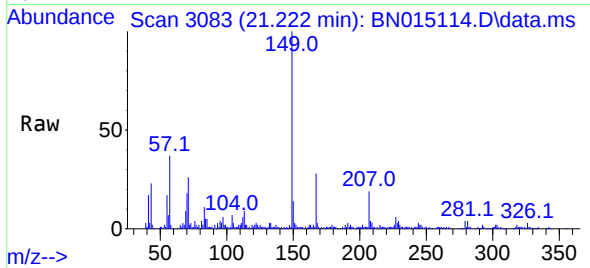
Ion	Ratio	Lower	Upper
228	100		
229	20.7	14.8	22.2
226	30.7	20.2	30.4





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.995 ng/ul
RT: 21.222 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BN015114.D
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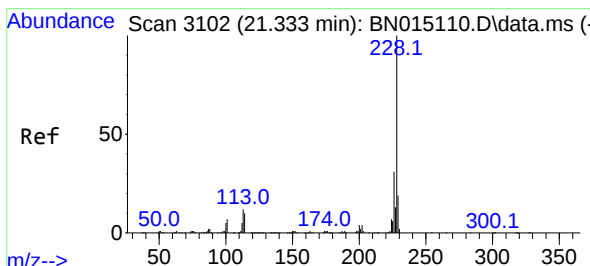
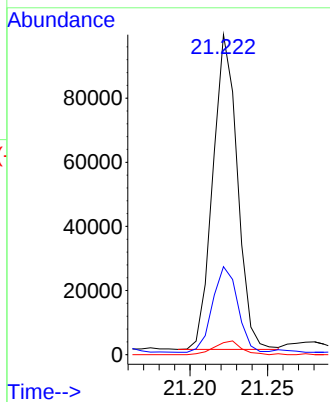
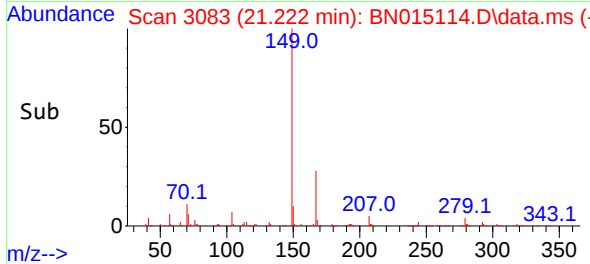
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ClientSampleId :
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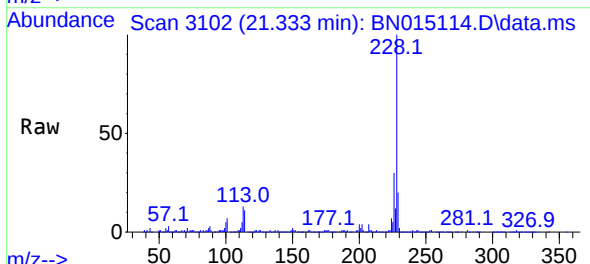
Tgt Ion:149 Resp: 108017
Ion Ratio Lower Upper
149 100
167 27.5 23.4 35.0
279 3.7 3.4 5.2

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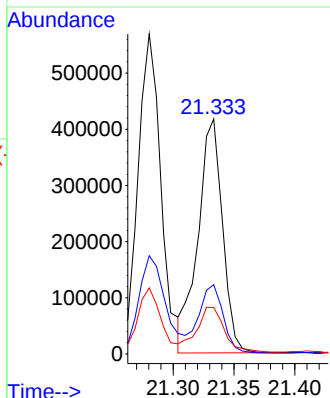
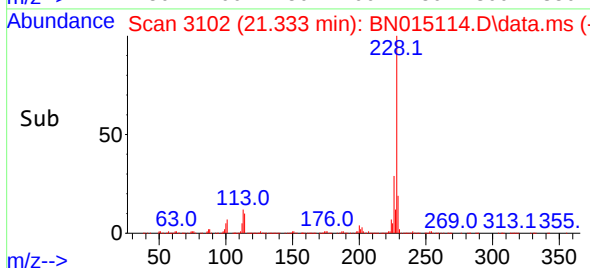
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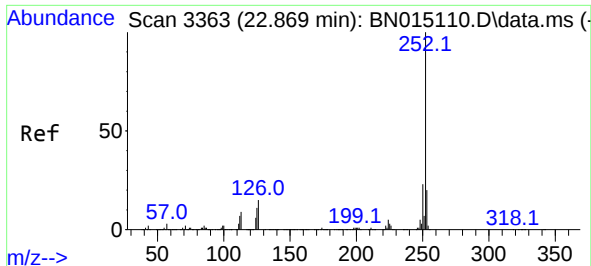


#87
Chrysene
Concen: 13.325 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25



Tgt Ion:228 Resp: 582868
Ion Ratio Lower Upper
228 100
226 29.5 22.6 33.8
229 19.7 15.5 23.3





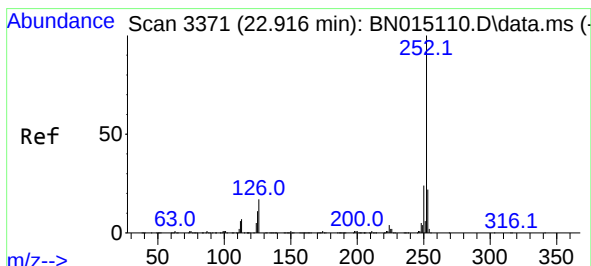
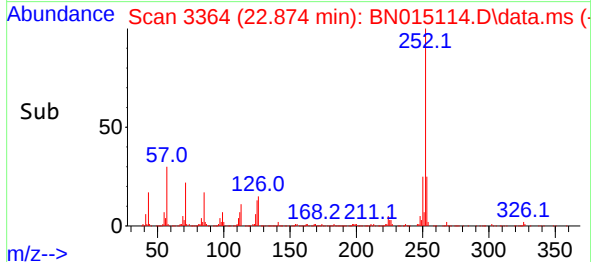
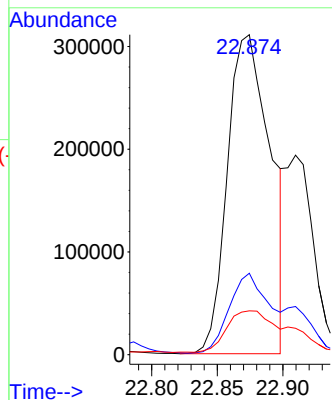
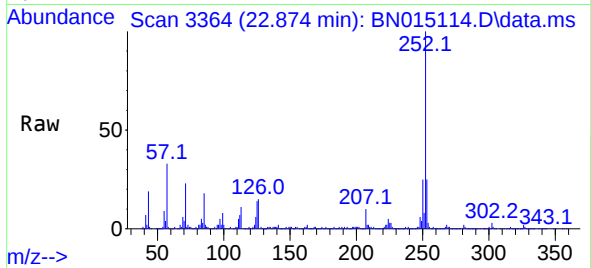
#90
Benzo(b)fluoranthene
Concen: 15.422 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. 0.006 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25

Tgt Ion:252 Resp: 709487
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.8
125 13.7 9.4 14.0

Instrument :
BNA_N
ClientSampled :
BGDM6

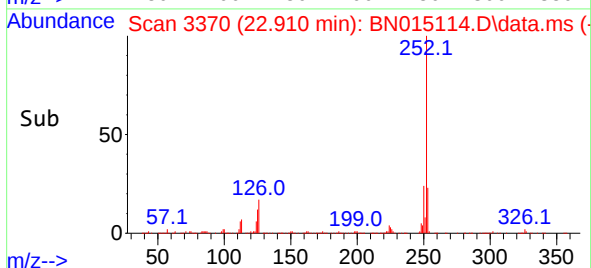
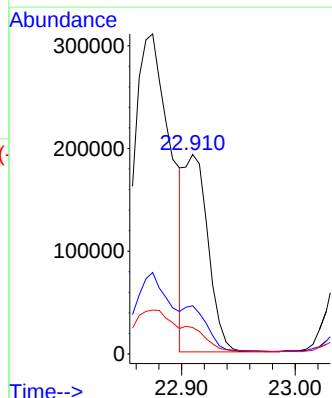
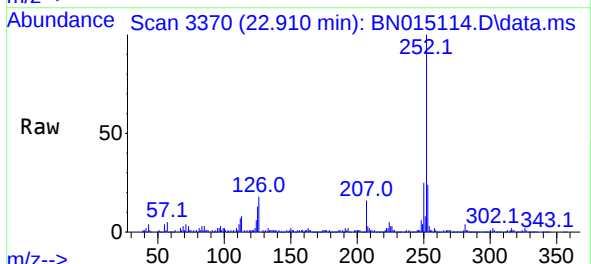
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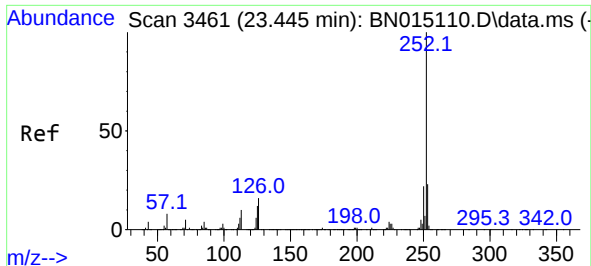
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#91
Benzo(k)fluoranthene
Concen: 6.011 ng/ul m
RT: 22.910 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25

Tgt Ion:252 Resp: 279876
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 13.2 8.8 13.2#





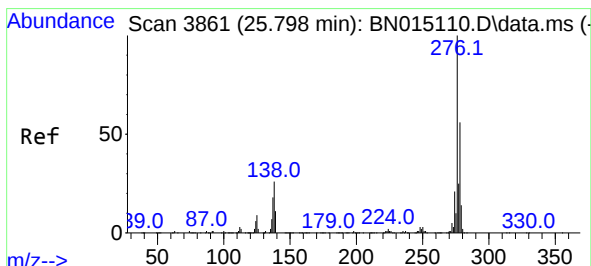
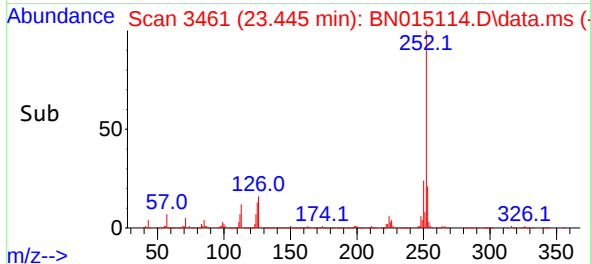
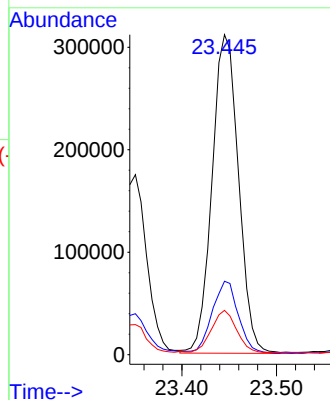
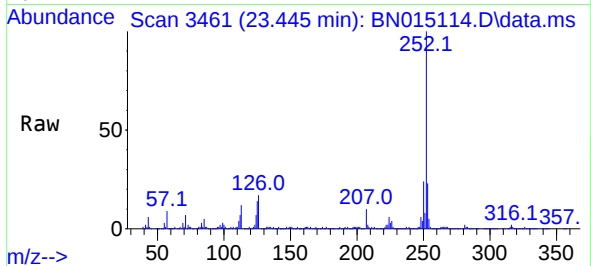
#93
Benzo(a)pyrene
Concen: 14.445 ng/ul
RT: 23.445 min Scan# 3461
Delta R.T. 0.000 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25

Tgt Ion:252 Resp: 604013
Ion Ratio Lower Upper
252 100
253 22.9 16.4 24.6
125 13.8 9.3 13.9

Instrument :
BNA_N
ClientSampled :
BGDM6

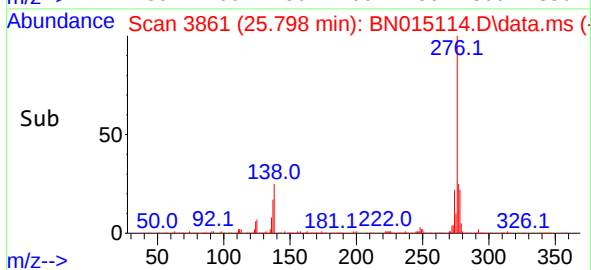
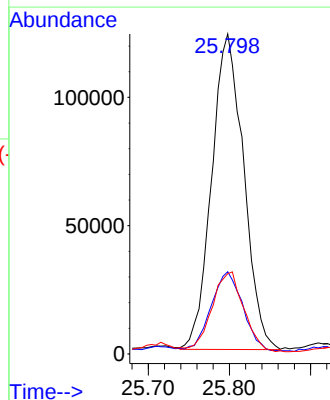
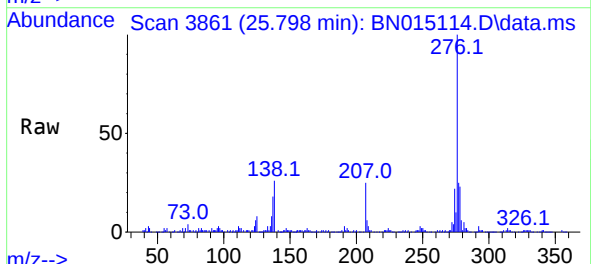
Manual Integrations
APPROVED

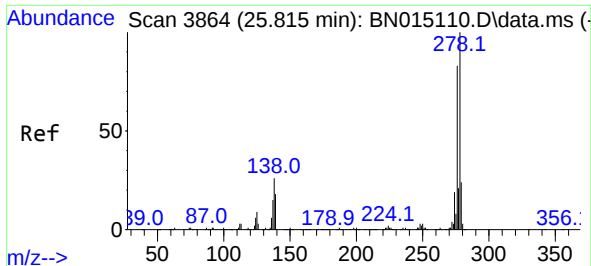
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#94
Indeno(1,2,3-cd)pyrene
Concen: 6.638 ng/ul
RT: 25.798 min Scan# 3861
Delta R.T. -0.006 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25

Tgt Ion:276 Resp: 336735
Ion Ratio Lower Upper
276 100
138 25.7 23.0 34.4
277 25.1 19.5 29.3





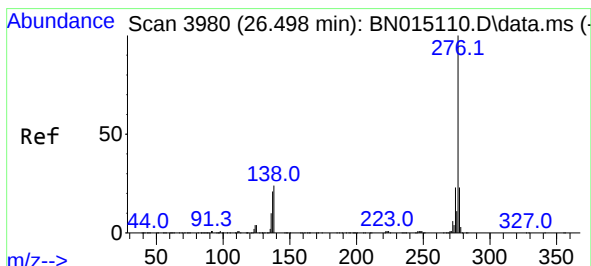
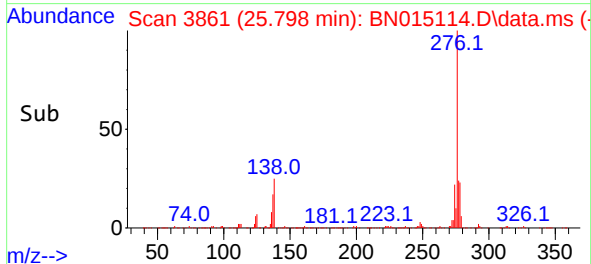
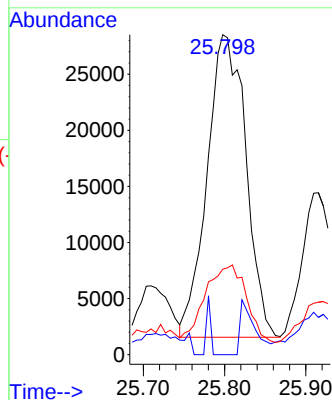
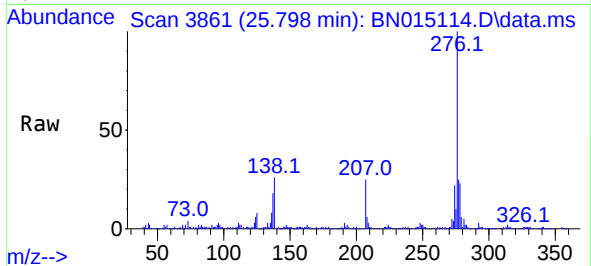
#95
Dibenzo(a,h)anthracene
Concen: 2.126 ng/ul m
RT: 25.798 min Scan# 3861
Delta R.T. -0.023 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25

Tgt Ion: 278 Resp: 89396
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 26.7 20.2 30.4

Instrument :
BNA_N
ClientSampled :
BGDM6

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 6.390 ng/ul
RT: 26.492 min Scan# 3979
Delta R.T. -0.006 min
Lab File: BN015114.D
Acq: 26 Jun 2021 13:25

Tgt Ion: 276 Resp: 280196
Ion Ratio Lower Upper
276 100
138 24.6 19.4 29.2
277 24.8 18.4 27.6

