

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
 Data File : BN015046.D
 Acq On : 24 Jun 2021 18:29
 Operator : CG/JU
 Sample : M2682-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDE4

Manual Integrations
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Quant Time: Jun 25 01:22:29 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	166057	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	646661	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	381997	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	739128	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	676751	20.000	ng/ul	0.00
88) Perylene-d12	23.545	264	695702	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	9221	2.161	ng/uL	0.00
4) Pyridine-d5	3.681	84	87247	7.583	ng/ul	0.00
7) Phenol-d5	6.893	99	162454	11.272	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	96344	11.382	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	129346	11.836	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	114012	10.250	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	58241	13.166	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	54727	13.889	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	112488	12.095	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	126669	8.788	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	343707	13.103	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	431069	12.659	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	41059	8.974	ng/ul	0.00
60) Fluorene-d10	15.345	176	304517	13.344	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	25447	8.336	ng/ul	0.00
73) Anthracene-d10	17.198	188	464932	13.743	ng/ul	0.00
81) Pyrene-d10	19.498	212	484121	13.648	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.398	264	391694	11.405	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.881	77	7592	1.133	ng/ul	82
16) Acetophenone	8.534	105	20612	1.223	ng/ul	99
30) Naphthalene	10.546	128	55589	1.685	ng/ul	98
50) Acenaphthylene	14.075	152	46017	1.432	ng/ul	99
52) Acenaphthene	14.416	153	30744	1.360	ng/ul	96
61) Fluorene	15.404	166	31815	1.266	ng/ul	96
72) Phenanthrene	17.139	178	262834	6.737	ng/ul	100
74) Anthracene	17.228	178	225752	5.637	ng/ul	98
80) Fluoranthene	19.163	202	1782983	41.640	ng/ul	98
82) Pyrene	19.527	202	1250370	28.017	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1069187m	25.543	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.227	149	47392	1.860	ng/ul	97
87) Chrysene	21.333	228	891289	21.623	ng/ul	99
90) Benzo(b)fluoranthene	22.874	252	1097017	26.186	ng/ul	98
91) Benzo(k)fluoranthene	22.916	252	368883m	8.700	ng/ul	
93) Benzo(a)pyrene	23.445	252	537243	14.109	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.804	276	357997	7.749	ng/ul	95
95) Dibenzo(a,h)anthracene	25.815	278	129430m	3.380	ng/ul	

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

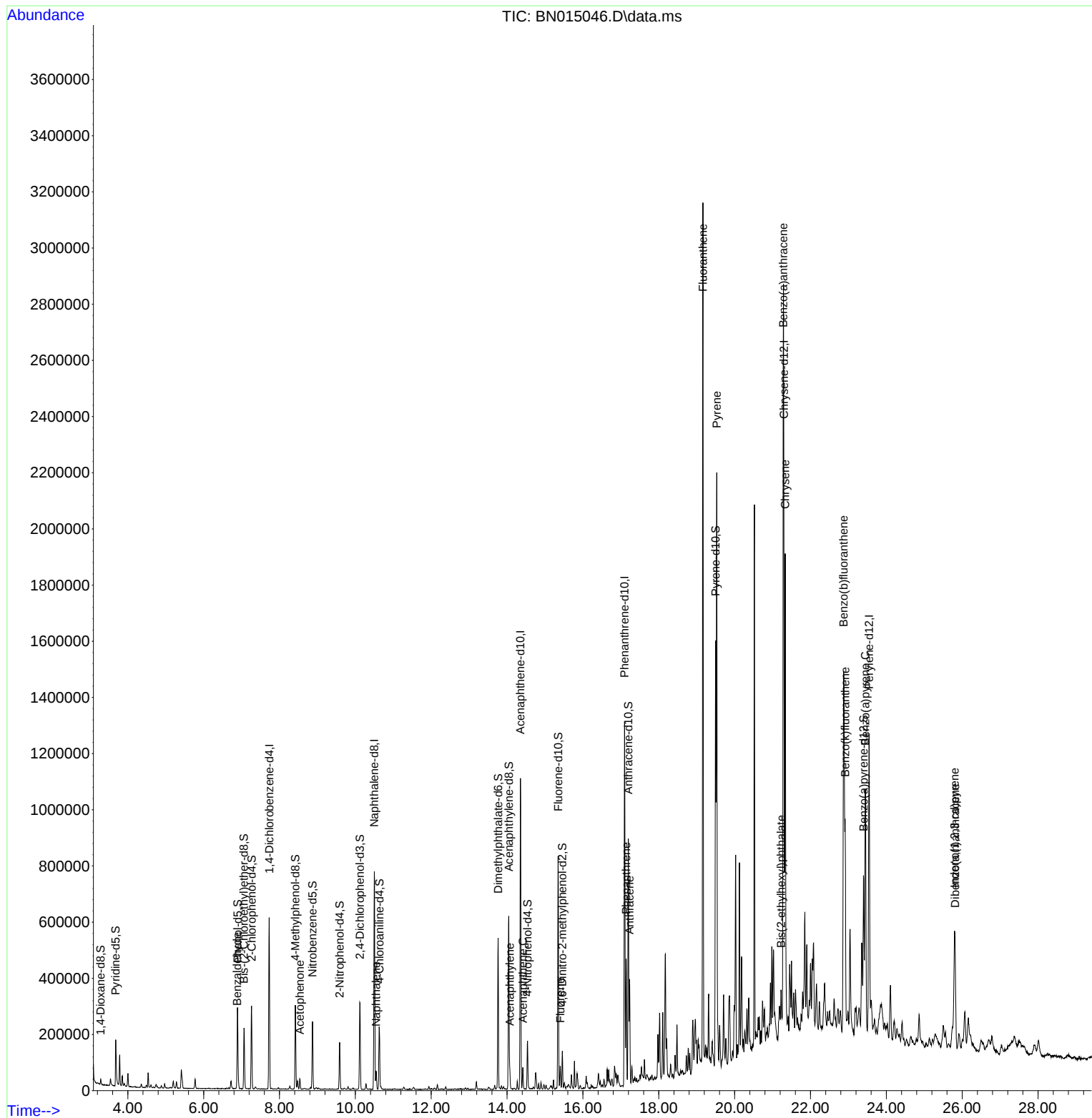
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Data File : BN015046.D
Acq On : 24 Jun 2021 18:29
Operator : CG/JU
Sample : M2682-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

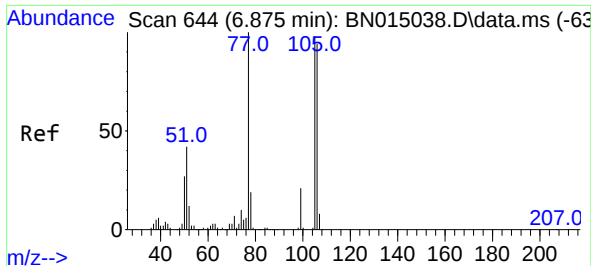
Instrument :
BNA_N
ClientSampleId :
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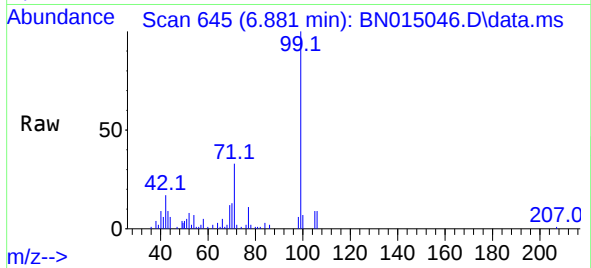
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 1.133 ng/ul
RT: 6.881 min Scan# 645
Delta R.T. 0.006 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

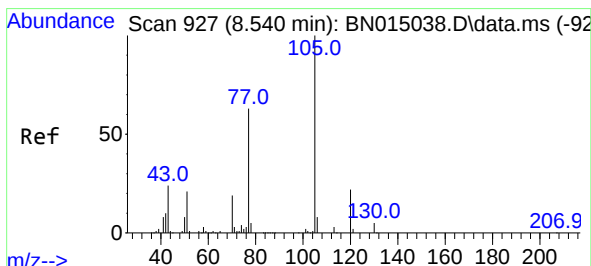
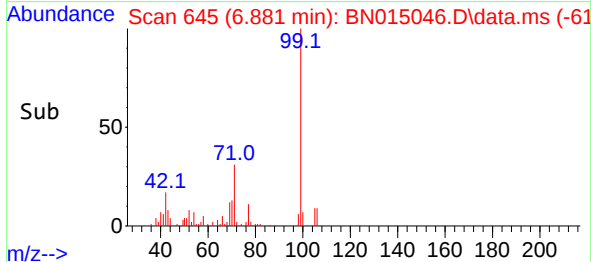
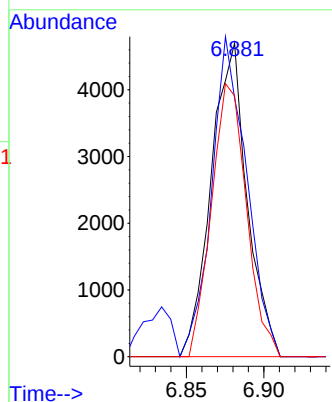
Instrument :
BNA_N
ClientSampled :
BGDE4



Tgt Ion: 77 Resp: 7592
Ion Ratio Lower Upper
77 100
105 82.4 82.2 123.2
106 83.1 79.4 119.0

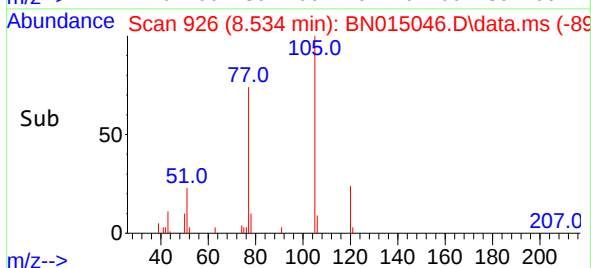
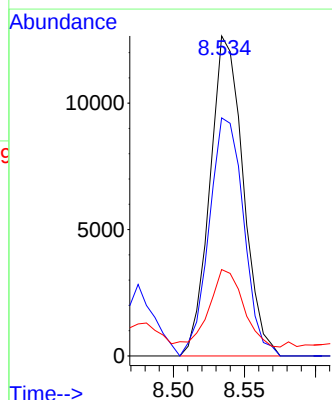
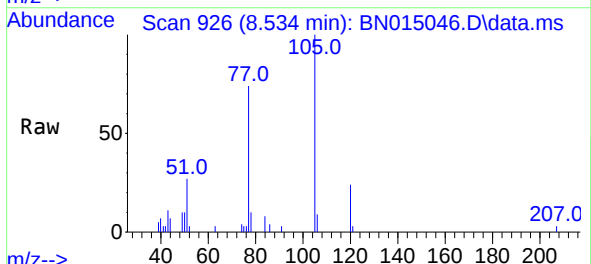
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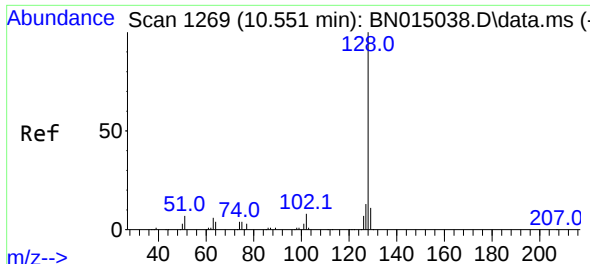
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#16
Acetophenone
Concen: 1.223 ng/ul
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

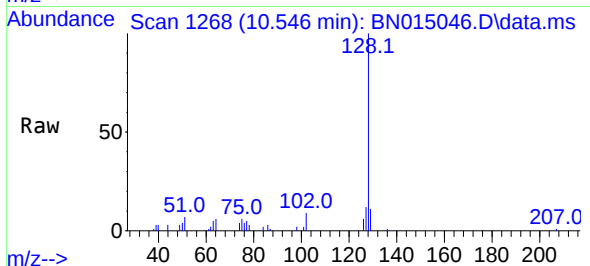
Tgt Ion: 105 Resp: 20612
Ion Ratio Lower Upper
105 100
77 74.4 59.9 89.9
51 27.0 20.0 30.0





#30
Naphthalene
Concen: 1.685 ng/ul
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

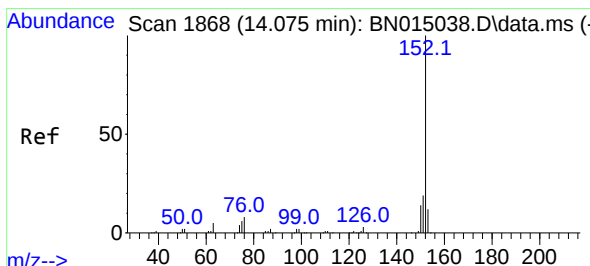
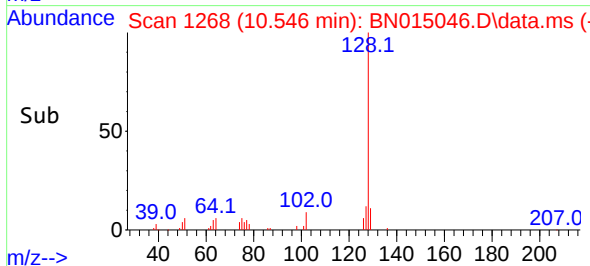
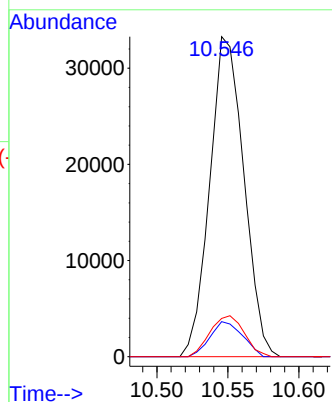
Instrument :
BNA_N
ClientSampled :
BGDE4



Tgt Ion:128 Resp: 55589
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 11.9 10.6 16.0

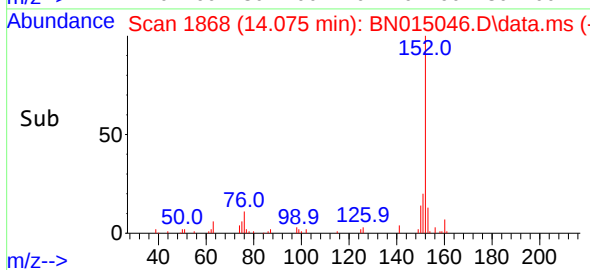
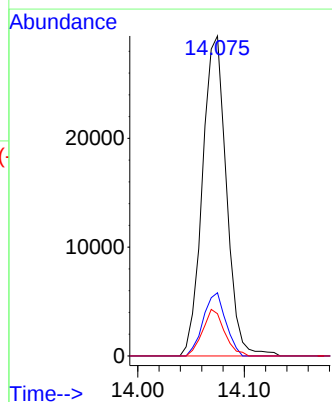
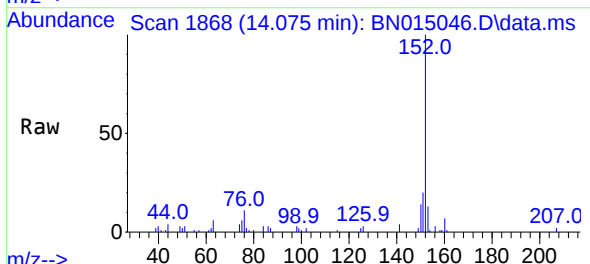
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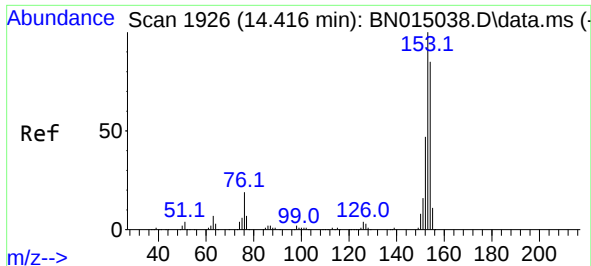
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#50
Acenaphthylene
Concen: 1.432 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

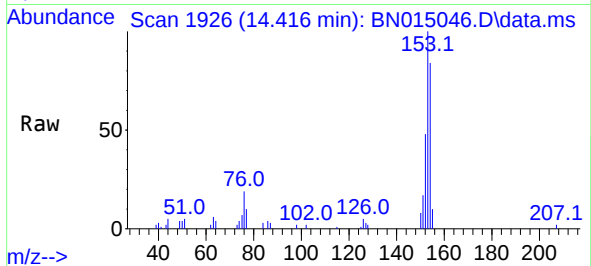
Tgt Ion:152 Resp: 46017
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.0 15.0





#52
Acenaphthene
Concen: 1.360 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

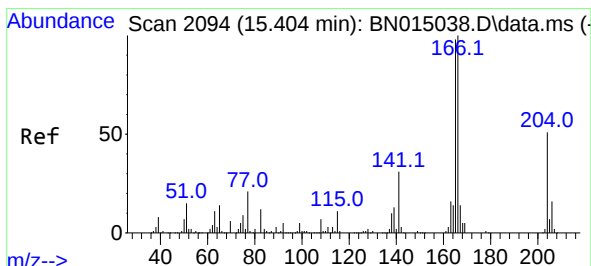
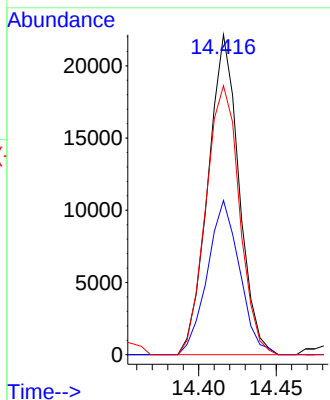
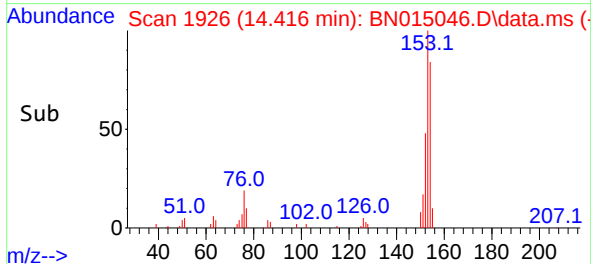
Instrument :
BNA_N
ClientSampled :
BGDE4



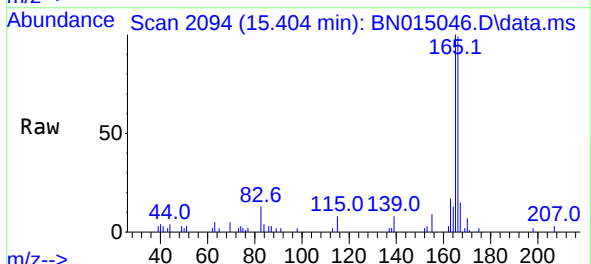
Tgt Ion:153 Resp: 30744
Ion Ratio Lower Upper
153 100
152 48.2 37.6 56.4
154 84.0 71.6 107.4

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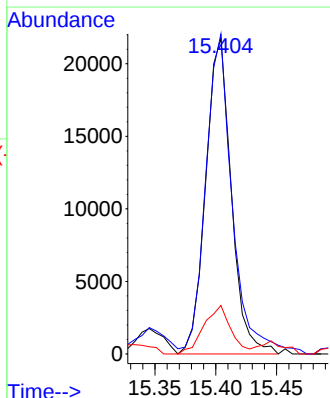
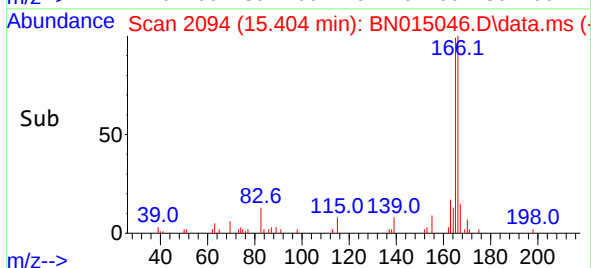
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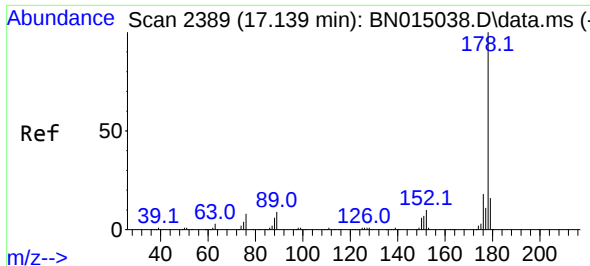


#61
Fluorene
Concen: 1.266 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29



Tgt Ion:166 Resp: 31815
Ion Ratio Lower Upper
166 100
165 101.4 78.2 117.4
167 15.3 11.0 16.4





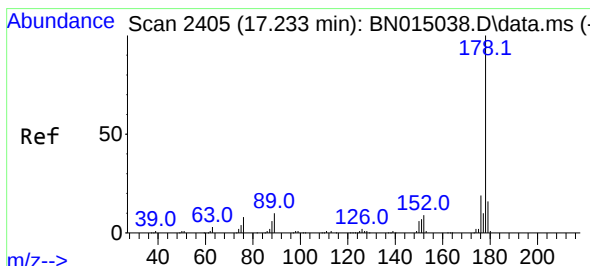
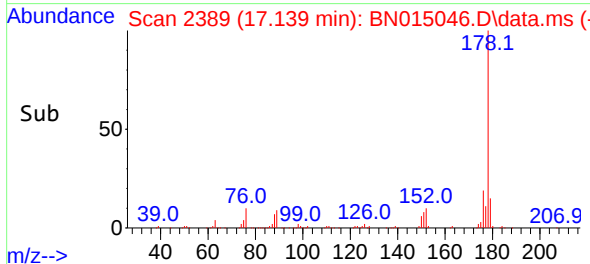
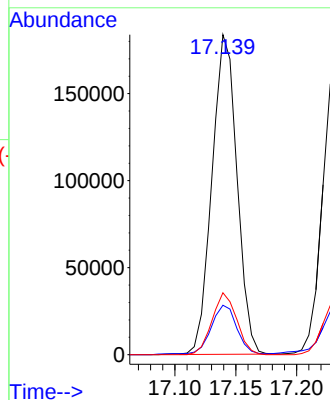
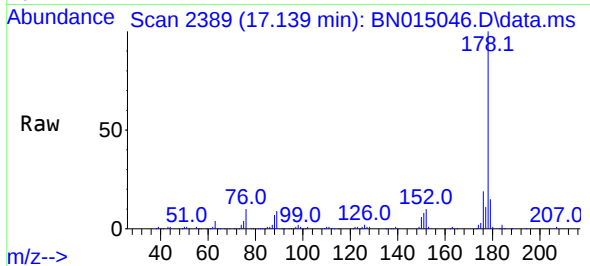
#72
Phenanthrene
Concen: 6.737 ng/u1
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

Tgt Ion:178 Resp: 262834
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.4 15.4 23.2

Instrument :
BNA_N
ClientSampled :
BGDE4

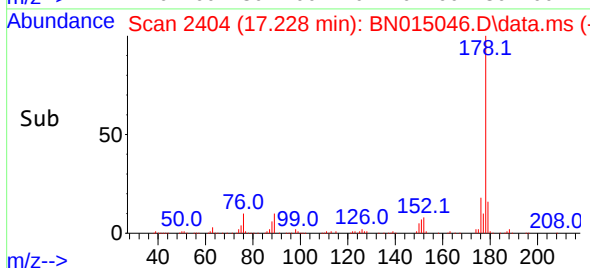
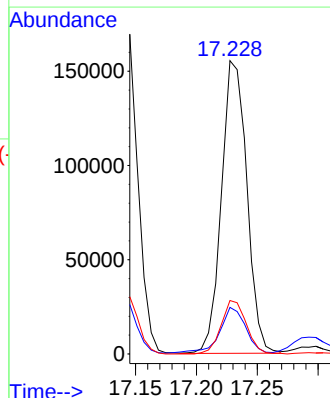
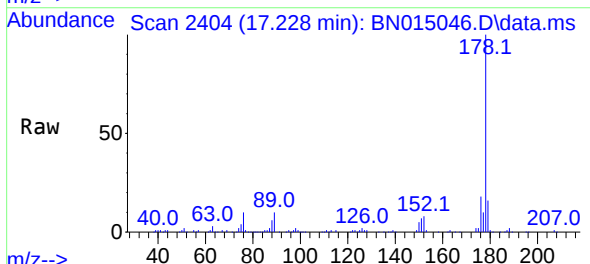
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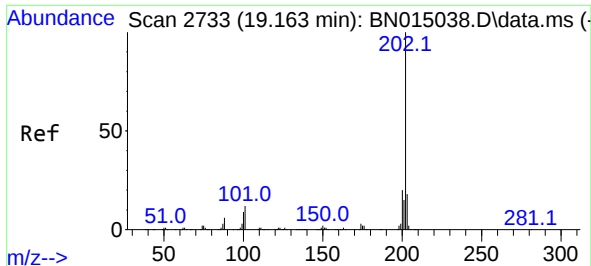
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#74
Anthracene
Concen: 5.637 ng/u1
RT: 17.228 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

Tgt Ion:178 Resp: 225752
Ion Ratio Lower Upper
178 100
179 15.9 11.6 17.4
176 18.2 14.6 21.8





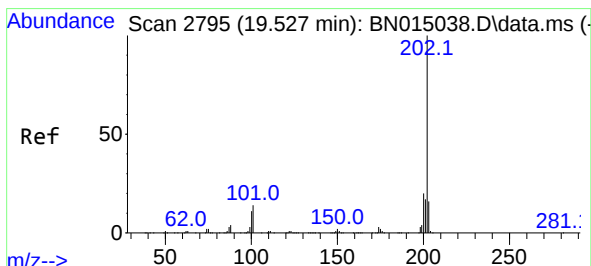
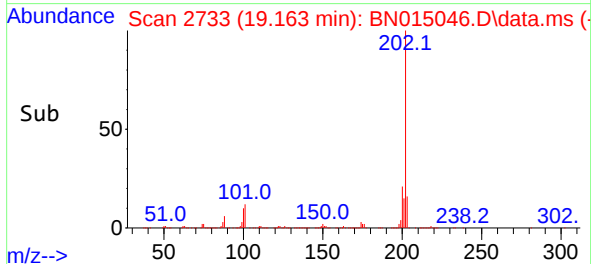
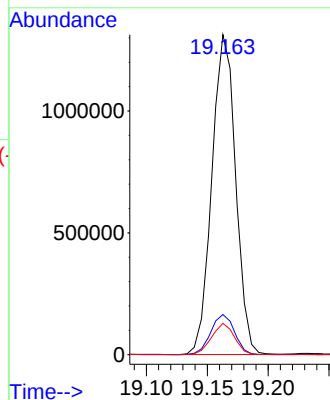
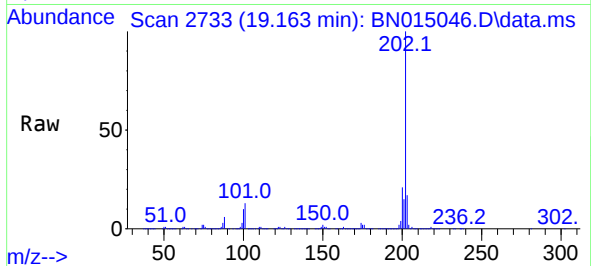
#80
Fluoranthene
Concen: 41.640 ng/u1
RT: 19.163 min Scan# 2733
Delta R.T. 0.000 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

Tgt Ion:202 Resp: 1782983
Ion Ratio Lower Upper
202 100
101 12.5 9.5 14.3
100 9.8 7.4 11.2

Instrument :
BNA_N
ClientSampled :
BGDE4

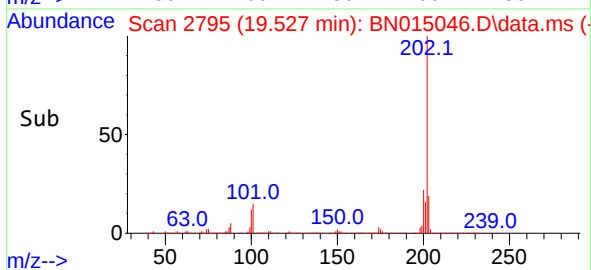
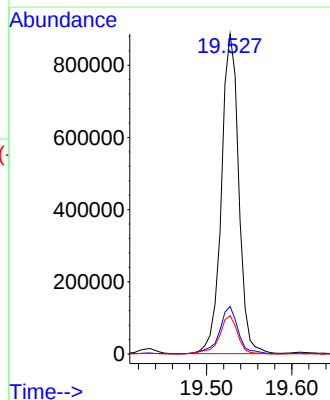
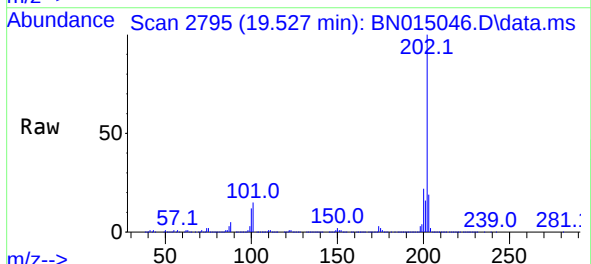
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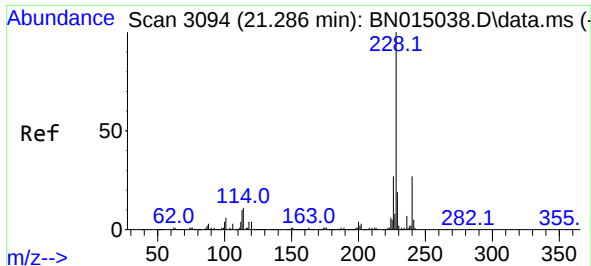
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#82
Pyrene
Concen: 28.017 ng/u1
RT: 19.527 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

Tgt Ion:202 Resp: 1250370
Ion Ratio Lower Upper
202 100
101 14.9 11.6 17.4
100 12.0 9.2 13.8





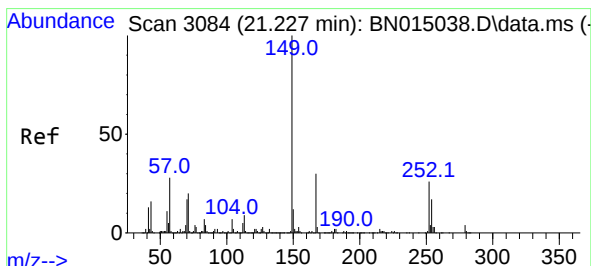
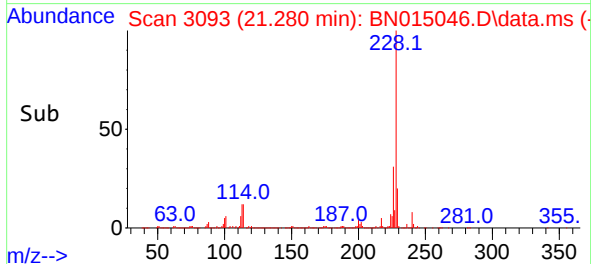
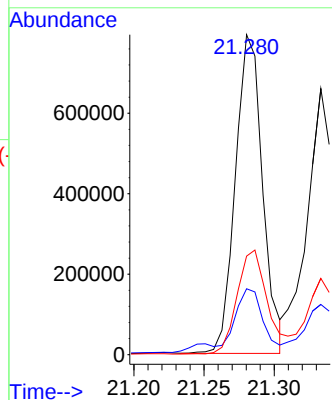
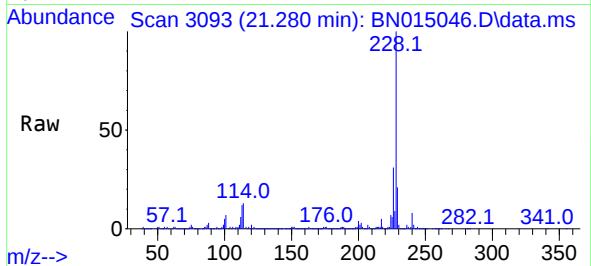
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Benzo(a)anthracene
Concen: 25.543 ng/ul m
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

Tgt Ion:228 Resp: 1069187
Ion Ratio Lower Upper
228 100
229 20.6 14.8 22.2
226 30.8 20.2 30.4#

Instrument :
BNA_N
ClientSampled :
BGDE4

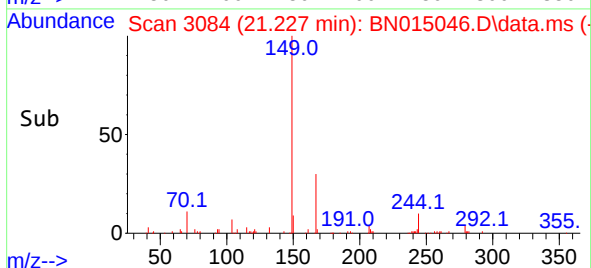
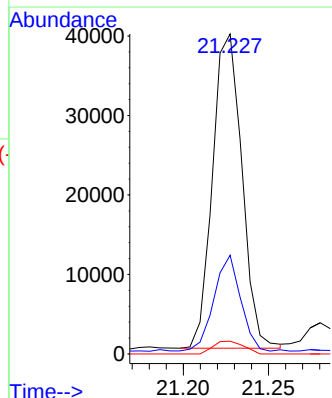
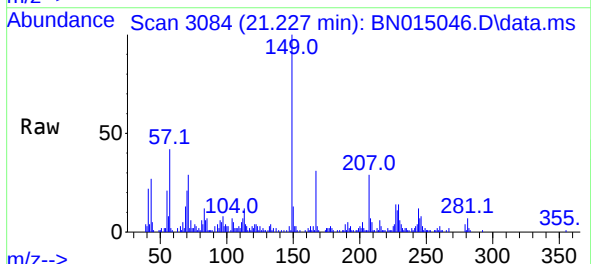
Manual Integrations
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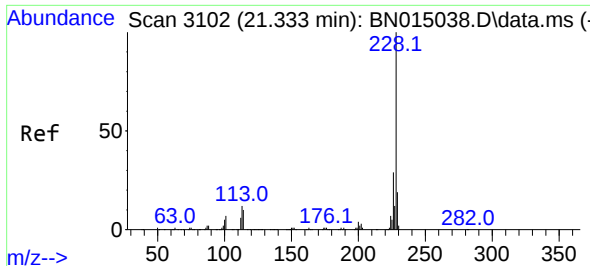
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#86
Bis(2-ethylhexyl)phthalate
Concen: 1.860 ng/ul
RT: 21.227 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

Tgt Ion:149 Resp: 47392
Ion Ratio Lower Upper
149 100
167 30.8 23.4 35.0
279 4.0 3.4 5.2





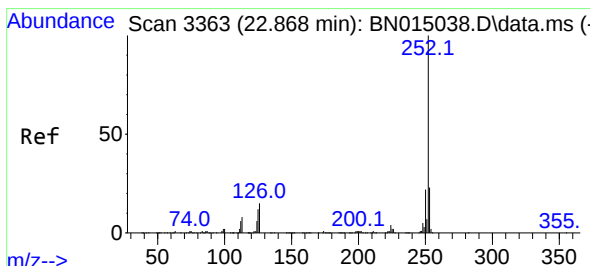
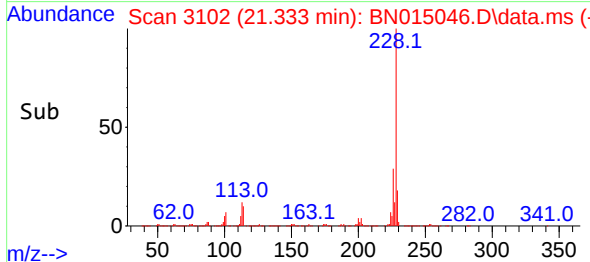
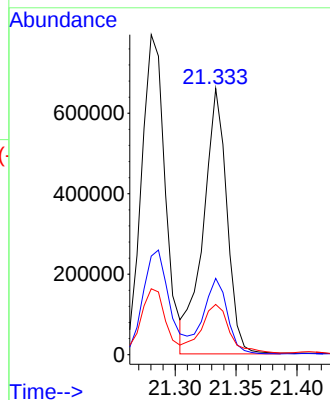
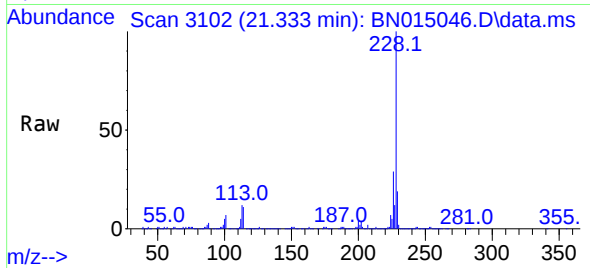
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Chrysene
Concen: 21.623 ng/u1
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

Tgt Ion:228 Resp: 891289
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 18.9 15.5 23.3

Instrument :
BNA_N
ClientSampled :
BGDE4

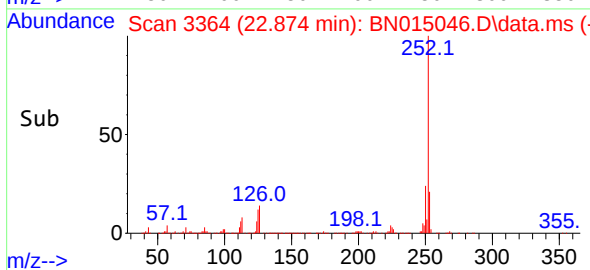
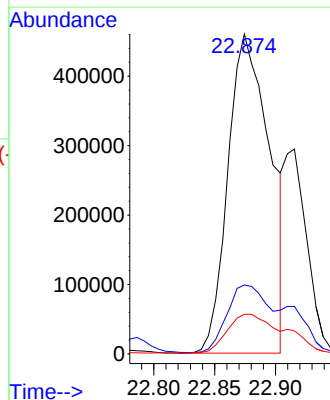
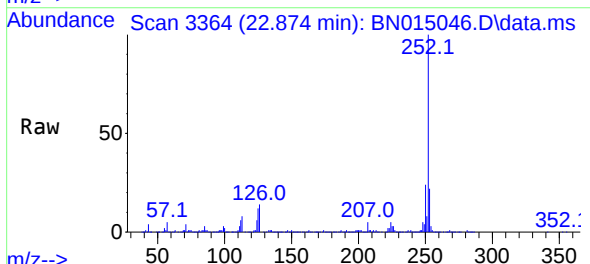
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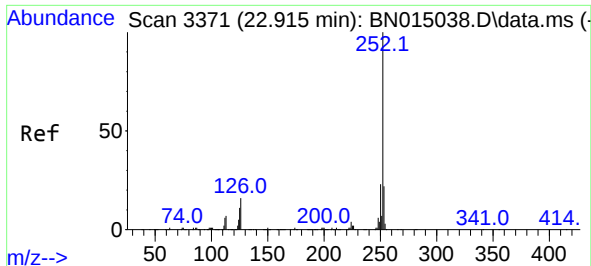
mohammad
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#90
Benzo(b)fluoranthene
Concen: 26.186 ng/u1
RT: 22.874 min Scan# 3364
Delta R.T. 0.006 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

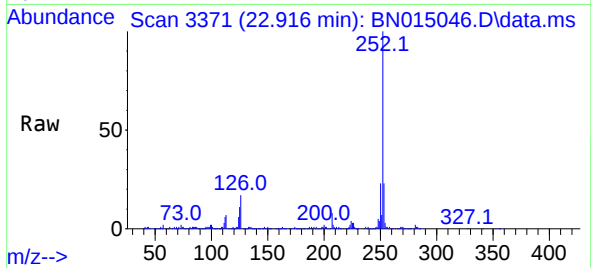
Tgt Ion:252 Resp: 1097017
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 12.4 9.4 14.0





#91
Benzo(k)fluoranthene
Concen: 8.700 ng/ul m
RT: 22.916 min Scan# 3371
Delta R.T. 0.000 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

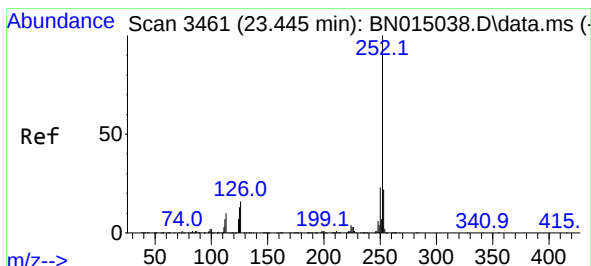
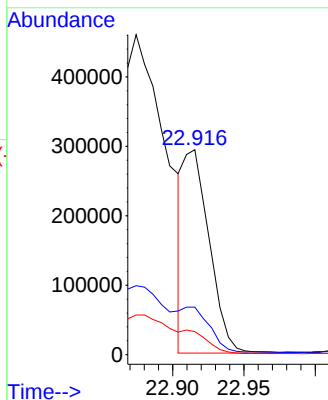
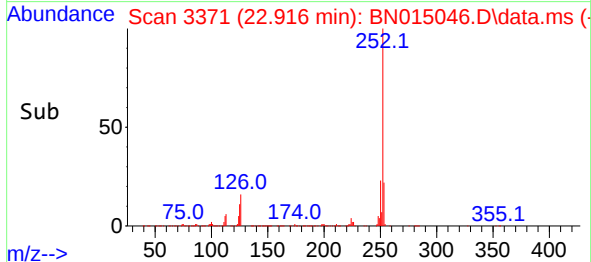
Instrument :
BNA_N
ClientSampled :
BGDE4



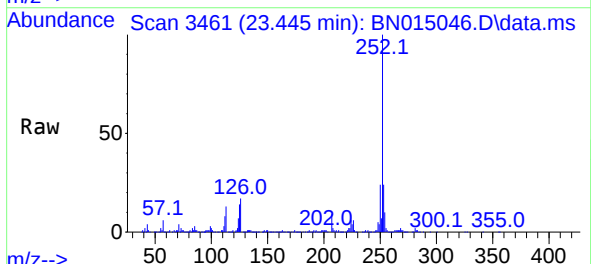
Tgt Ion:252 Resp: 368883
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 11.2 8.8 13.2

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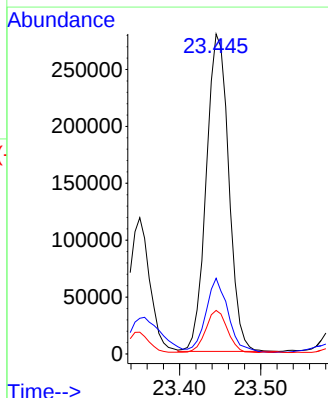
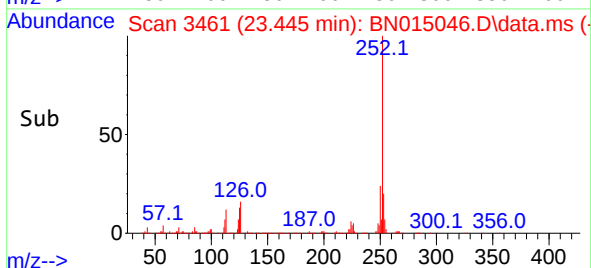
mohammad
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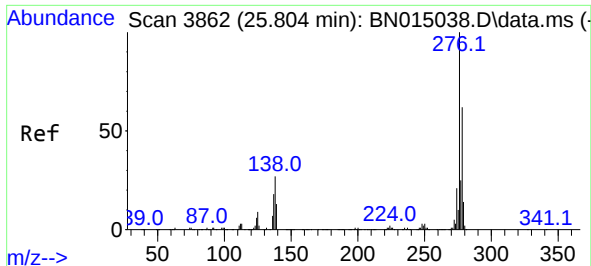


#93
Benzo(a)pyrene
Concen: 14.109 ng/ul
RT: 23.445 min Scan# 3461
Delta R.T. 0.000 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29

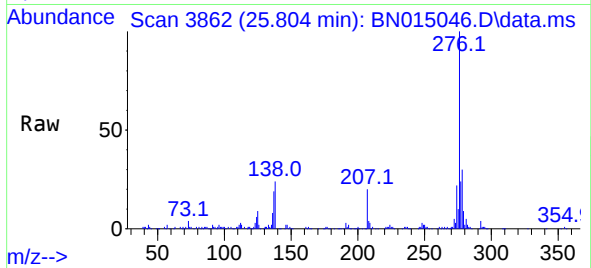


Tgt Ion:252 Resp: 537243
Ion Ratio Lower Upper
252 100
253 23.7 16.4 24.6
125 13.6 9.3 13.9

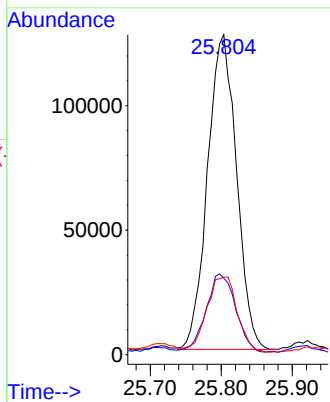
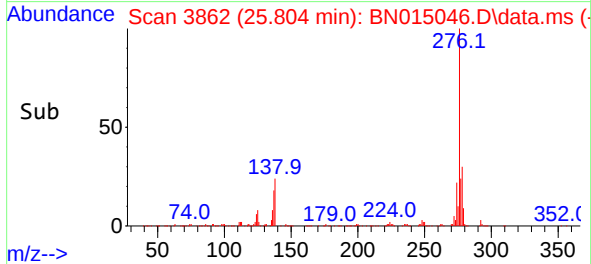




#94
Indeno(1,2,3-cd)pyrene
Concen: 7.749 ng/ul
RT: 25.804 min Scan# 3862
Delta R.T. 0.000 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29



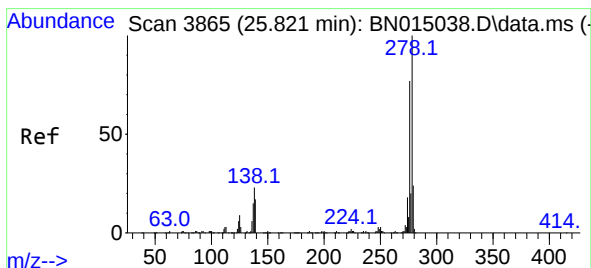
Tgt Ion:276 Resp: 357997
Ion Ratio Lower Upper
276 100
138 23.9 23.0 34.4
277 24.3 19.5 29.3



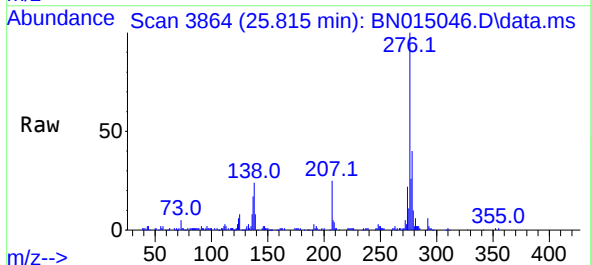
Instrument :
BNA_N
ClientSampled :
BGDE4

Manual Integrations
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mohammad
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#95
Dibenzo(a,h)anthracene
Concen: 3.380 ng/ul m
RT: 25.815 min Scan# 3864
Delta R.T. -0.006 min
Lab File: BN015046.D
Acq: 24 Jun 2021 18:29



Tgt Ion:278 Resp: 129430
Ion Ratio Lower Upper
278 100
139 20.8 14.8 22.2
279 25.9 20.2 30.4

