

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015113.D
 Acq On : 26 Jun 2021 12:49
 Operator : CG/JU
 Sample : M2704-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC8

Manual Integrations
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Quant Time: Jun 27 00:00:14 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	172388	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	700916	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	423194	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	829541	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	743980	20.000	ng/u1	0.00
88) Perylene-d12	23.539	264	820007	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	14541	3.282	ng/uL	0.00
4) Pyridine-d5	3.676	84	134947	11.298	ng/u1	0.00
7) Phenol-d5	6.893	99	271064	18.117	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	161547	18.385	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	218395	19.250	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	215507	18.662	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	101249	21.117	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	96991	22.710	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	194943	19.338	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	252760	16.179	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	580435	19.974	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	767254	20.339	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	63270	12.482	ng/u1	0.00
60) Fluorene-d10	15.345	176	518866	20.524	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	17557	5.125	ng/u1	0.00
73) Anthracene-d10	17.198	188	779687	20.535	ng/u1	0.00
81) Pyrene-d10	19.498	212	814789	20.894	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.398	264	826299	20.412	ng/u1	0.00
Target Compounds					Qvalue	
6) Benzaldehyde	6.875	77	8669	1.246	ng/u1	94
8) Phenol	6.917	94	22430	1.479	ng/u1	98
16) Acetophenone	8.534	105	27078	1.548	ng/u1	96
30) Naphthalene	10.546	128	189740	5.305	ng/u1	99
36) 2-Methylnaphthalene	12.157	142	31242	1.262	ng/u1	99
37) 1-Methylnaphthalene	12.381	142	51056	2.058	ng/u1	90
50) Acenaphthylene	14.069	152	156242	4.389	ng/u1#	96
52) Acenaphthene	14.416	153	625282	24.969	ng/u1	98
56) Dibenzofuran	14.751	168	362906	10.317	ng/u1	99
61) Fluorene	15.398	166	595103	21.373	ng/u1	100
72) Phenanthrene	17.145	178	4094181	93.510	ng/u1	99
74) Anthracene	17.234	178	1629102	36.245	ng/u1	99
80) Fluoranthene	19.163	202	4245121	90.183	ng/u1	99
82) Pyrene	19.528	202	3657250	74.542	ng/u1	99
85) Benzo(a)anthracene	21.280	228	2130827m	46.306	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.222	149	90953	3.248	ng/u1	98
87) Chrysene	21.333	228	1757934	38.794	ng/u1	96
90) Benzo(b)fluoranthene	22.875	252	2391709	48.435	ng/u1	99
91) Benzo(k)fluoranthene	22.916	252	489664m	9.798	ng/u1	
93) Benzo(a)pyrene	23.445	252	1807689	40.276	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	25.804	276	1004717	18.451	ng/u1#	92
95) Dibenzo(a,h)anthracene	25.804	278	274814m	6.089	ng/u1	
96) Benzo(g,h,i)perylene	26.492	276	832673	17.690	ng/u1	98

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Instrument :
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Manual Integrations
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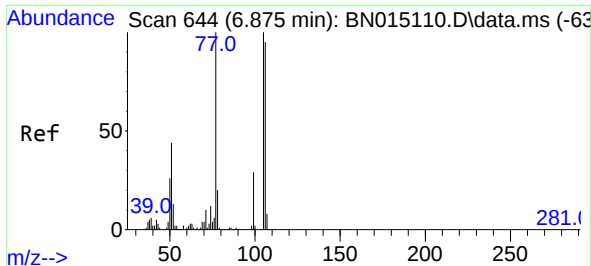
Quant Time: Jun 27 00:00:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

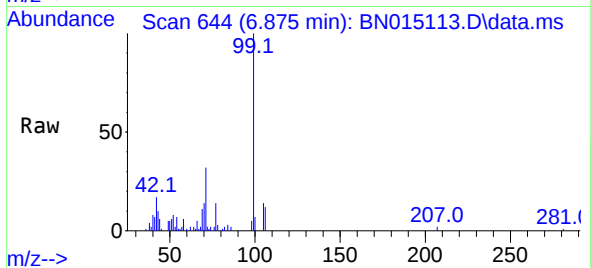
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#6
Benzaldehyde
Concen: 1.246 ng/ul
RT: 6.875 min Scan# 644
Delta R.T. 0.000 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

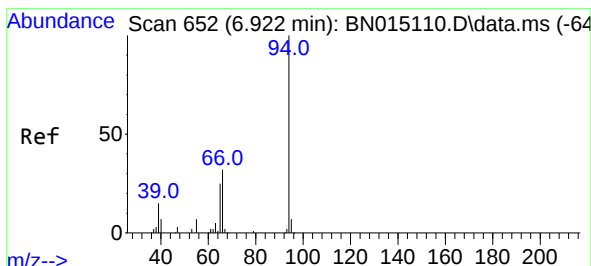
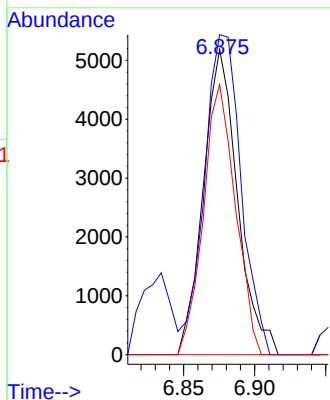
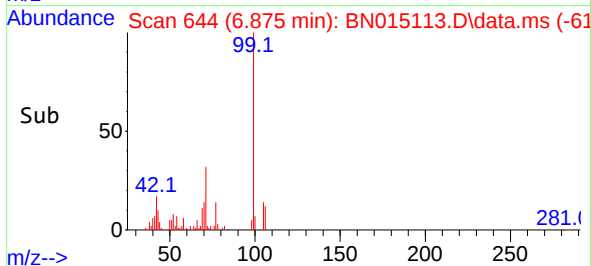
Instrument :
BNA_N
ClientSampled :
BGDC8



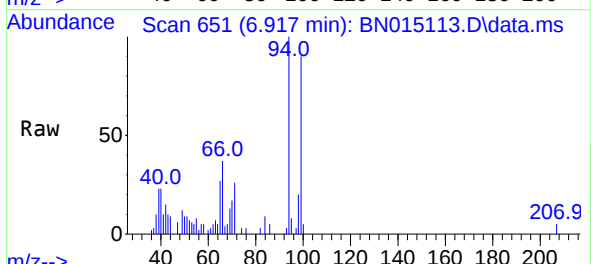
Tgt Ion: 77 Resp: 8669
Ion Ratio Lower Upper
77 100
105 104.8 82.2 123.2
106 88.5 79.4 119.0

Manual Integrations
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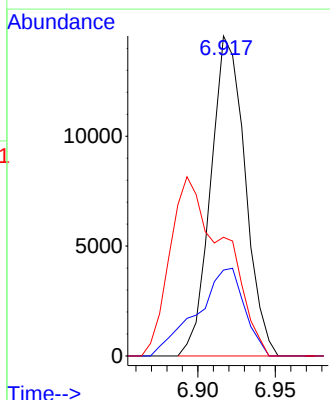
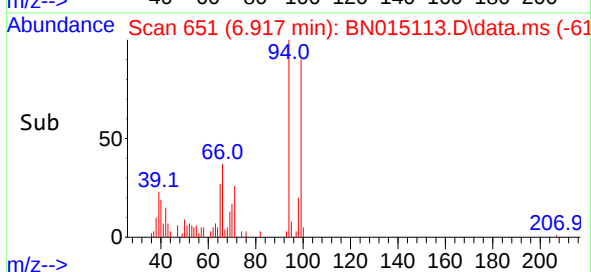
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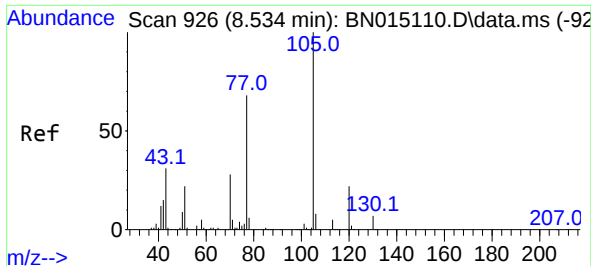


#8
Phenol
Concen: 1.479 ng/ul
RT: 6.917 min Scan# 651
Delta R.T. -0.006 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49



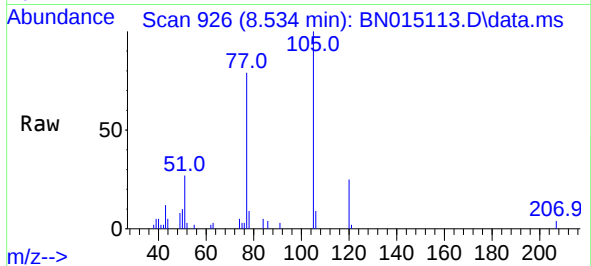
Tgt Ion: 94 Resp: 22430
Ion Ratio Lower Upper
94 100
65 26.9 21.4 32.0
66 37.1 27.8 41.6





#16
Acetophenone
Concen: 1.548 ng/ul
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

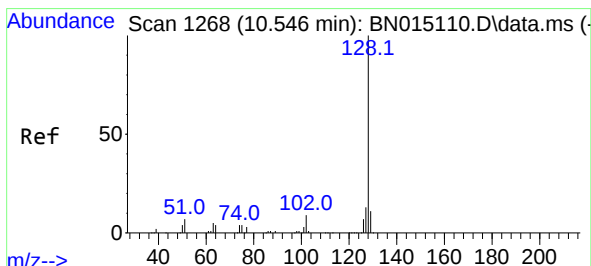
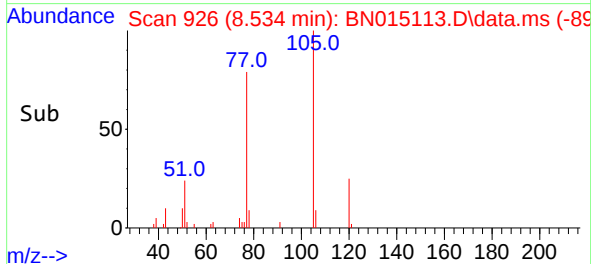
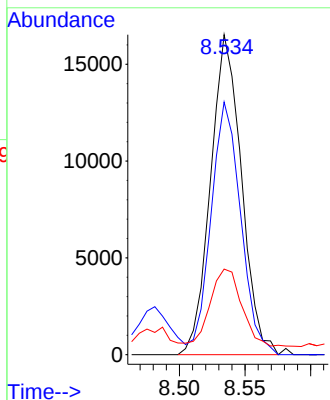
Instrument :
BNA_N
ClientSampled :
BGDC8



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Ion Ratio Lower Upper
105 100
77 79.0 59.9 89.9
51 26.7 20.0 30.0

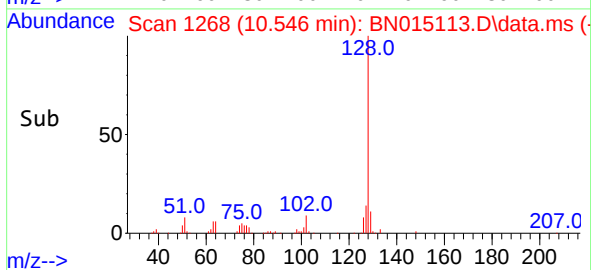
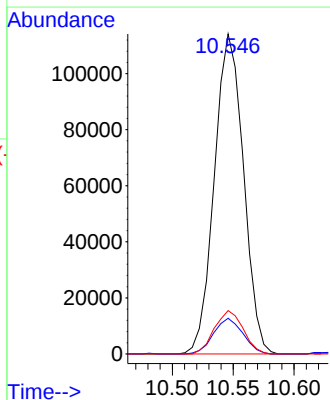
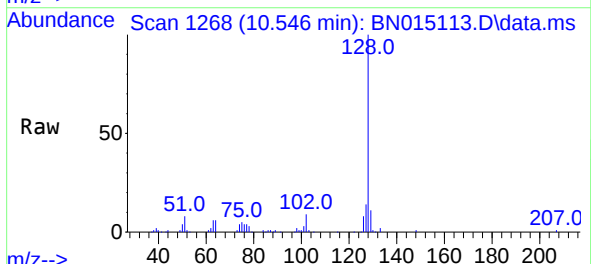
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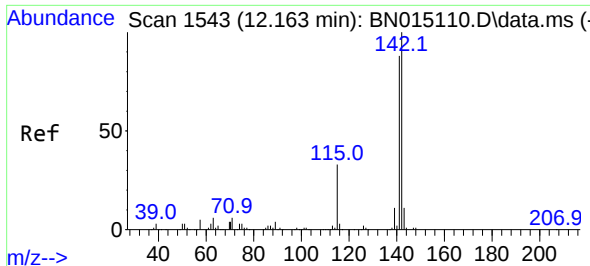
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#30
Naphthalene
Concen: 5.305 ng/ul
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

Tgt Ion:128 Resp: 189740
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.6 10.6 16.0





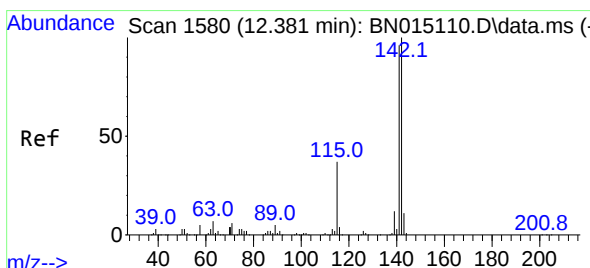
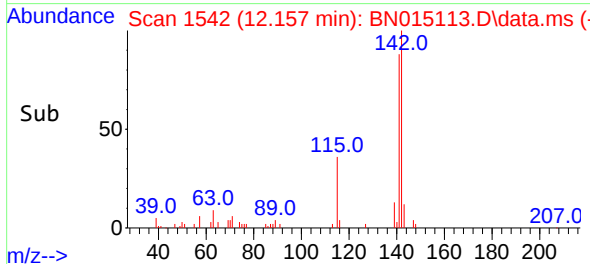
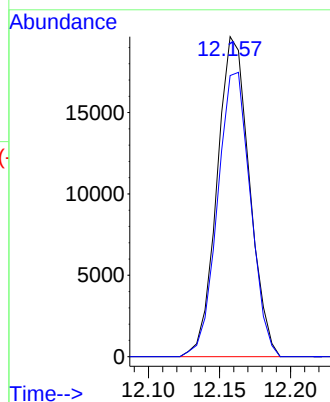
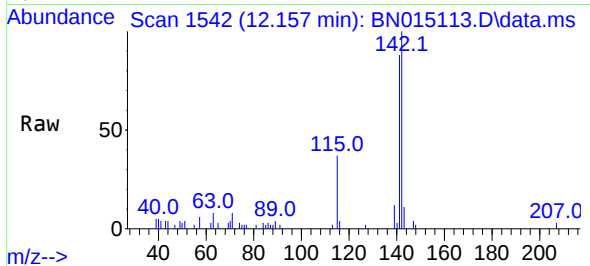
#36
2-Methylnaphthalene
Concen: 1.262 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

Instrument :
BNA_N
ClientSampled :
BGDC8

Tgt Ion:142 Resp: 31242
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.6

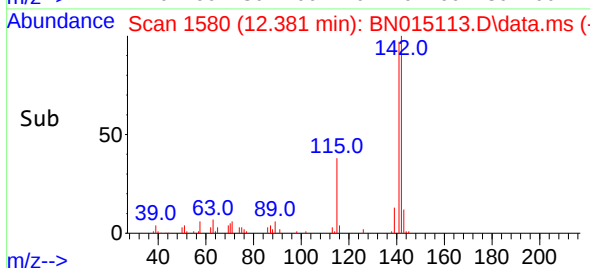
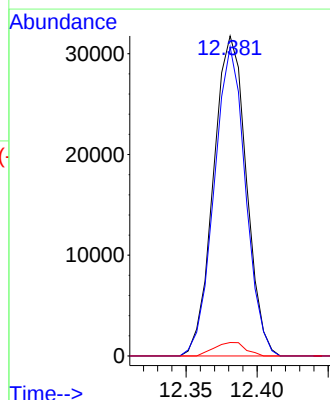
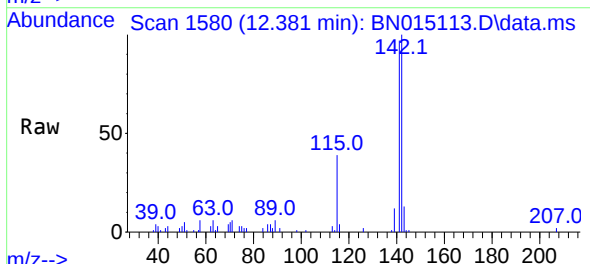
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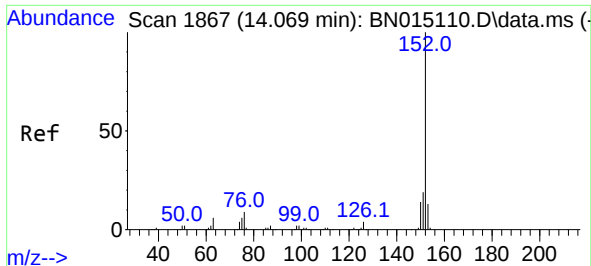
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#37
1-Methylnaphthalene
Concen: 2.058 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

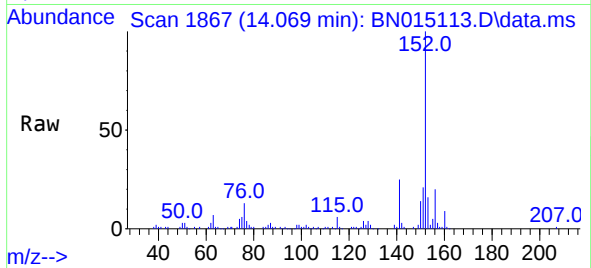
Tgt Ion:142 Resp: 51056
Ion Ratio Lower Upper
142 100
141 96.6 69.6 104.4
116 4.2 3.0 4.6





#50
Acenaphthylene
Concen: 4.389 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

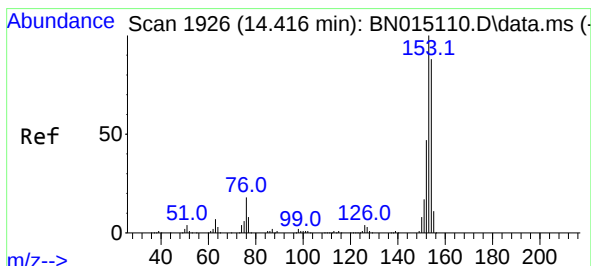
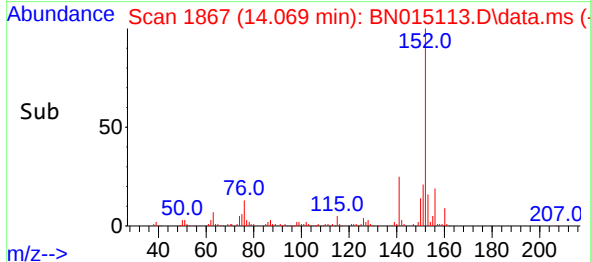
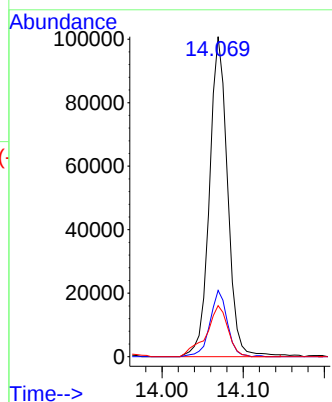
Instrument :
BNA_N
ClientSampled :
BGDC8



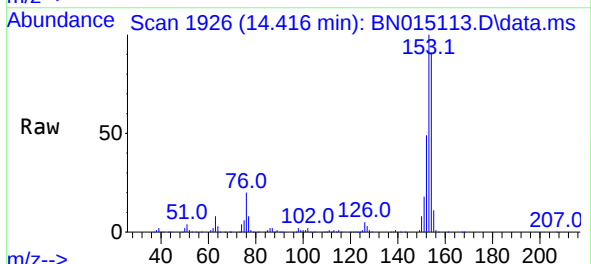
Tgt Ion:152 Resp: 156242
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 16.0 10.0 15.0#

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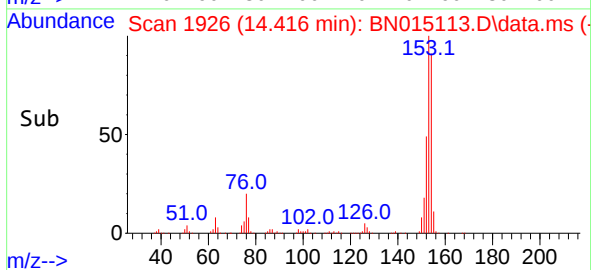
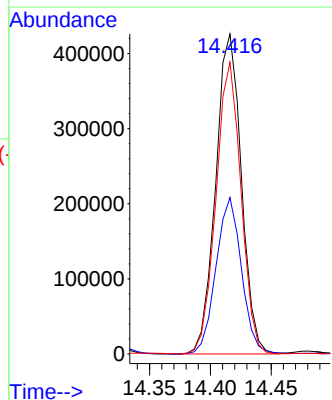
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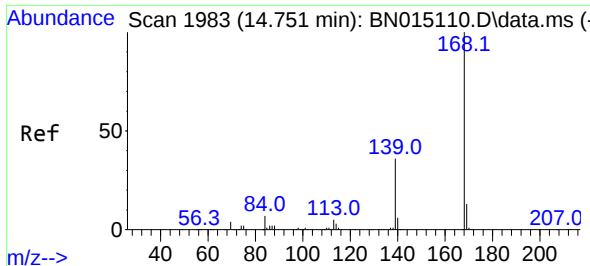


#52
Acenaphthene
Concen: 24.969 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49



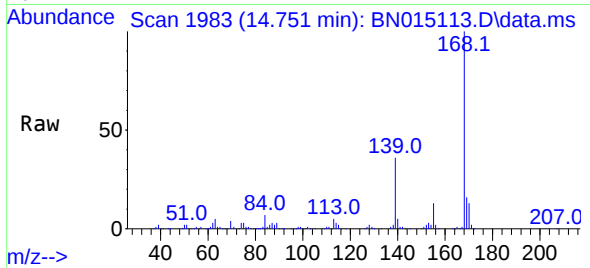
Tgt Ion:153 Resp: 625282
Ion Ratio Lower Upper
153 100
152 48.9 37.6 56.4
154 91.2 71.6 107.4





#56
Dibenzenofuran
Concen: 10.317 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

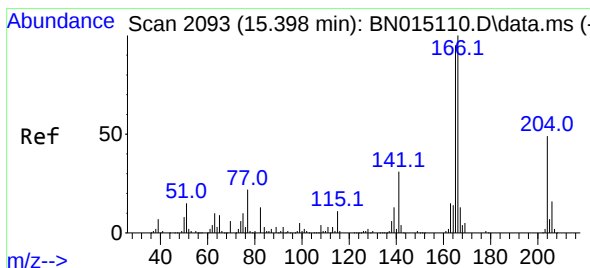
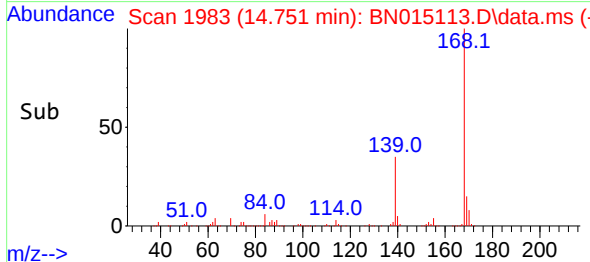
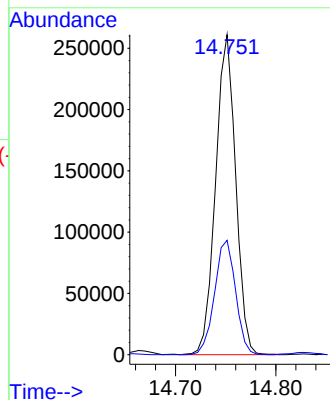
Instrument :
BNA_N
ClientSampleId :
BGDC8



Tgt Ion:168 Resp: 362906
Ion Ratio Lower Upper
168 100
139 35.7 29.0 43.4

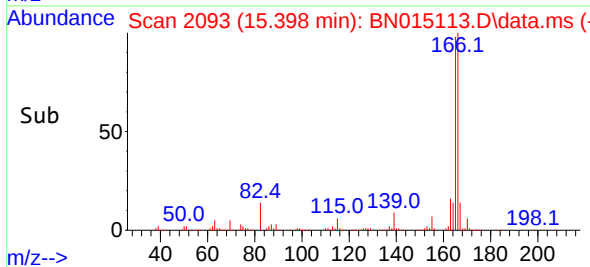
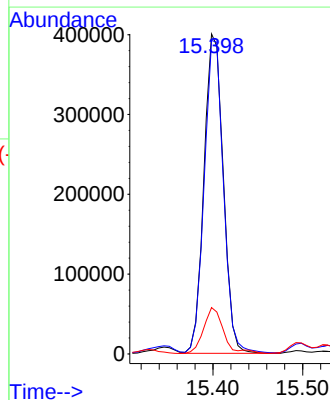
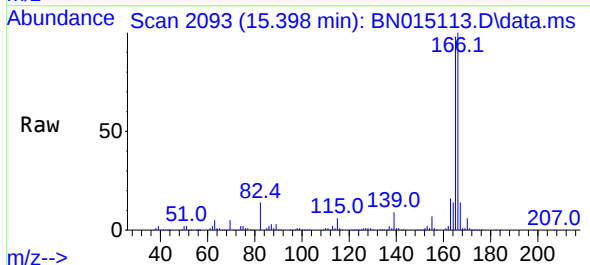
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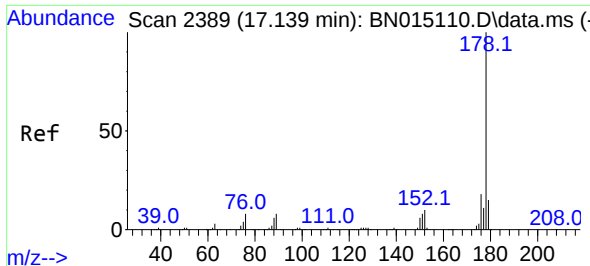
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#61
Fluorene
Concen: 21.373 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

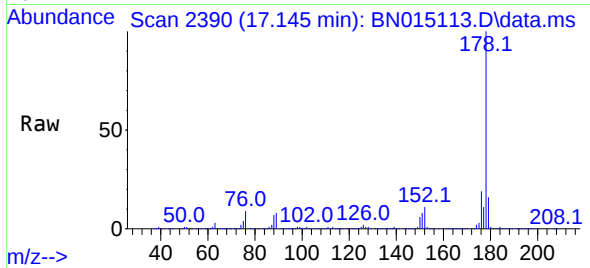
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Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.4
167 14.5 11.0 16.4





#72
Phenanthrene
Concen: 93.510 ng/u1
RT: 17.145 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

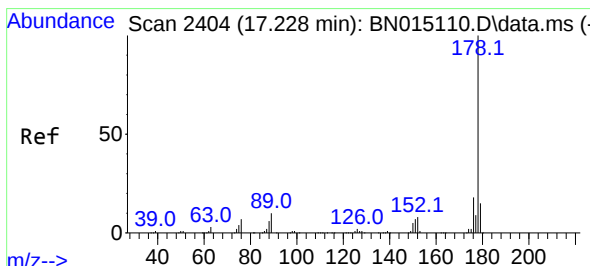
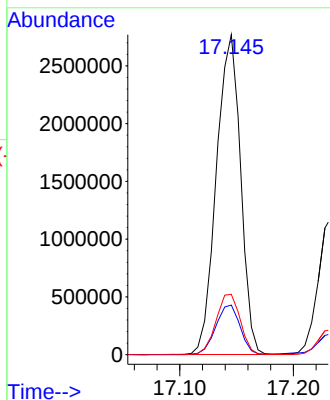
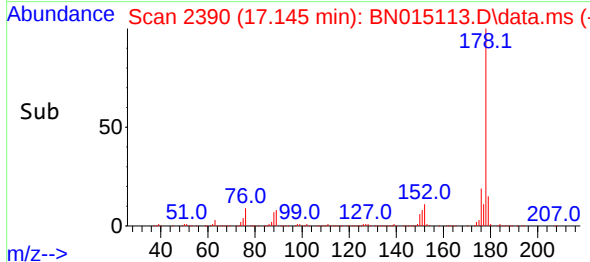
Instrument :
BNA_N
ClientSampled :
BGDC8



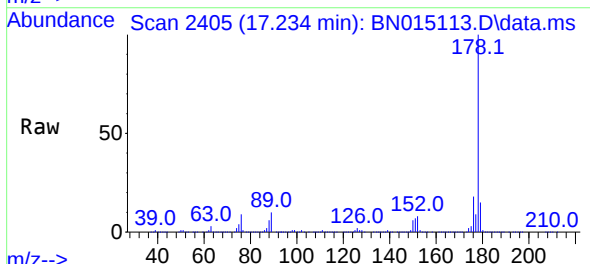
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Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 18.9 15.4 23.2

Manual Integrations
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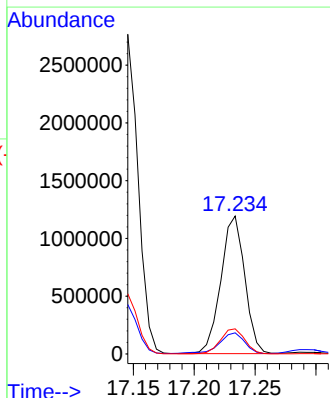
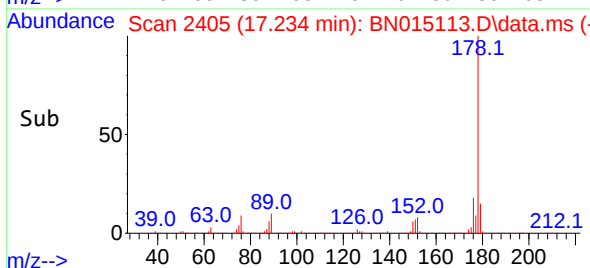
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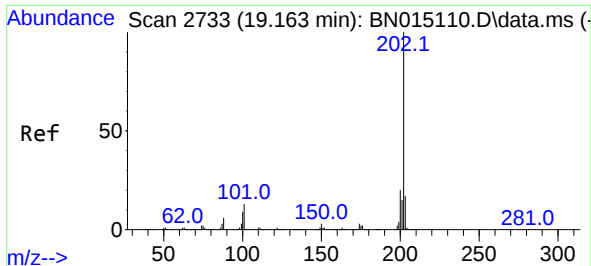


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Anthracene
Concen: 36.245 ng/u1
RT: 17.234 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49



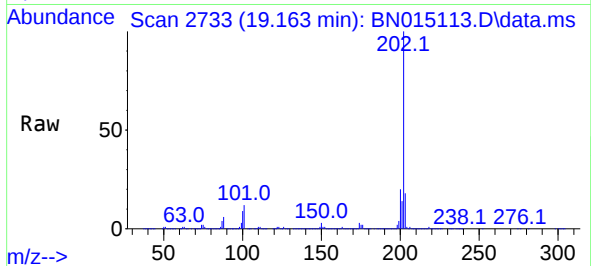
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Ion Ratio Lower Upper
178 100
179 15.4 11.6 17.4
176 18.2 14.6 21.8





#80
Fluoranthene
Concen: 90.183 ng/u1
RT: 19.163 min Scan# 2733
Delta R.T. 0.000 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

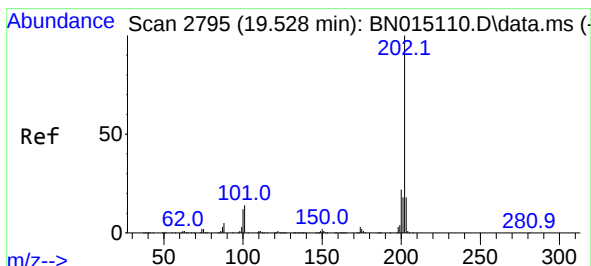
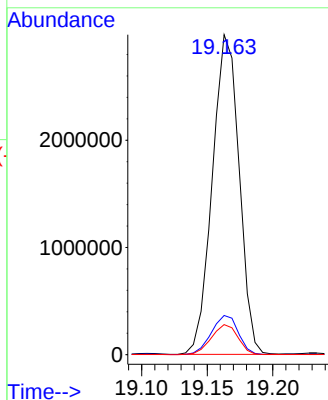
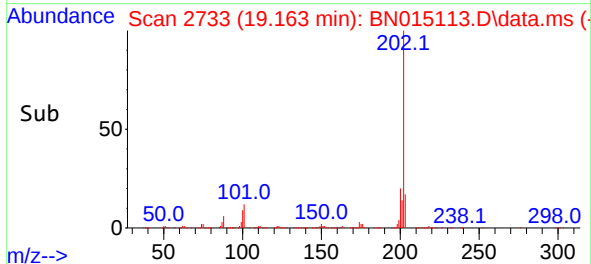
Instrument :
BNA_N
ClientSampleId :
BGDC8



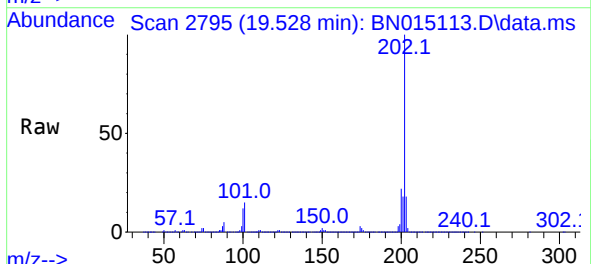
Tgt Ion:202 Resp: 4245121
Ion Ratio Lower Upper
202 100
101 12.2 9.5 14.3
100 9.4 7.4 11.2

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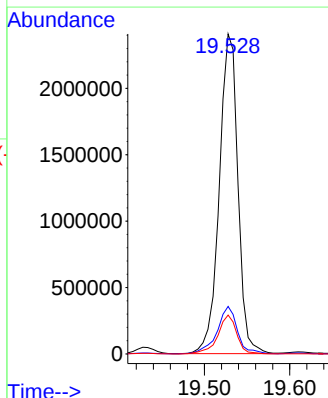
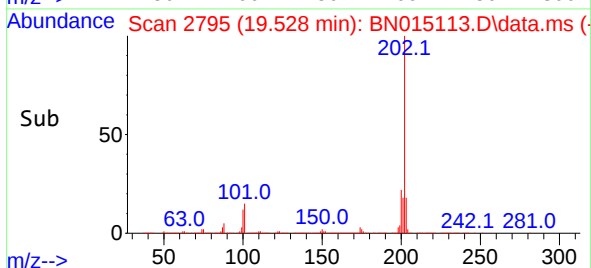
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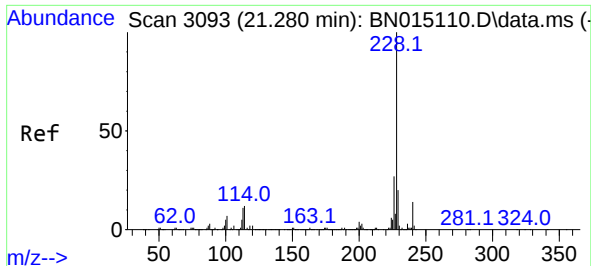


#82
Pyrene
Concen: 74.542 ng/u1
RT: 19.528 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49



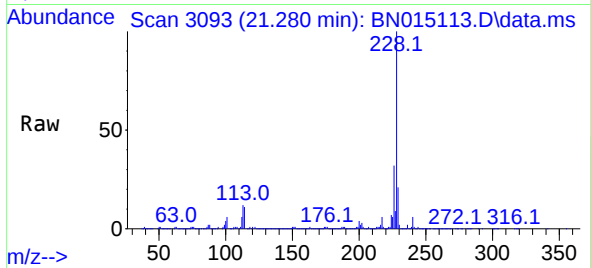
Tgt Ion:202 Resp: 3657250
Ion Ratio Lower Upper
202 100
101 14.9 11.6 17.4
100 12.2 9.2 13.8





#85
Benzo(a)anthracene
Concen: 46.306 ng/ul m
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

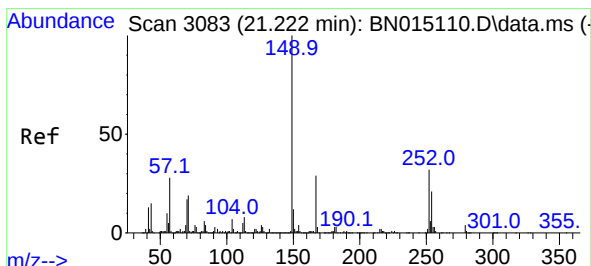
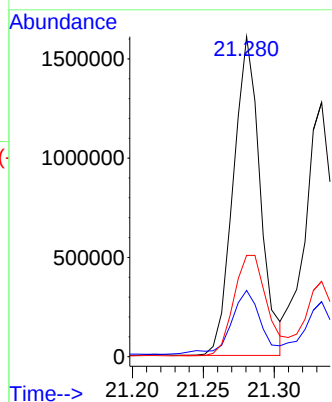
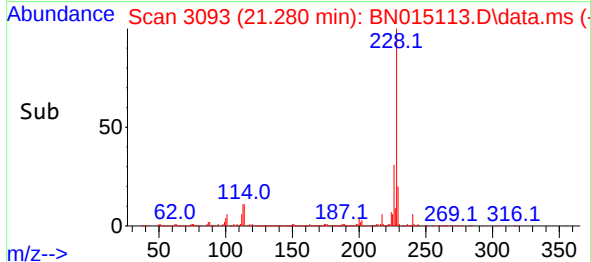
Instrument :
BNA_N
ClientSampleId :
BGDC8



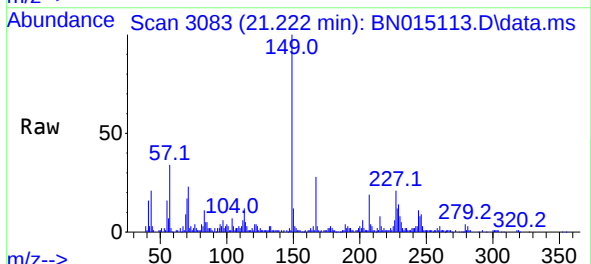
Tgt Ion:228 Resp: 2130827
Ion Ratio Lower Upper
228 100
229 20.7 14.8 22.2
226 31.6 20.2 30.4#

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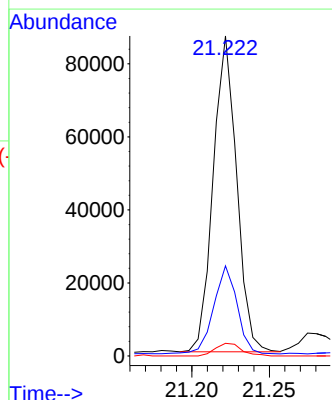
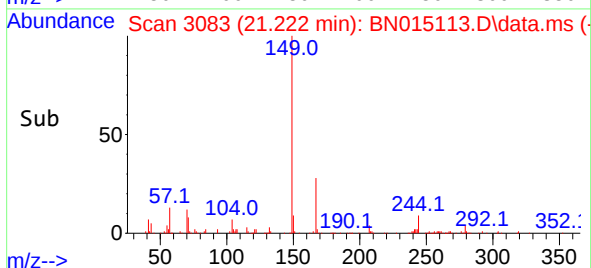
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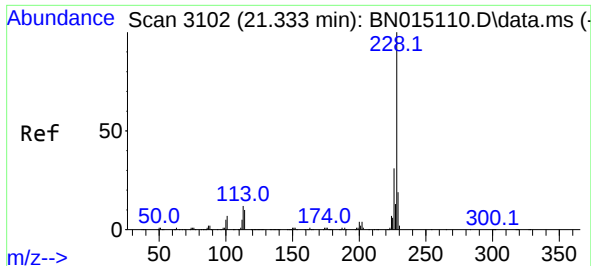


#86
Bis(2-ethylhexyl)phthalate
Concen: 3.248 ng/ul
RT: 21.222 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49



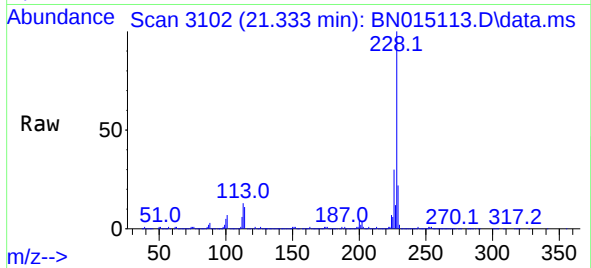
Tgt Ion:149 Resp: 90953
Ion Ratio Lower Upper
149 100
167 28.1 23.4 35.0
279 4.0 3.4 5.2





#87
Chrysene
Concen: 38.794 ng/u1
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

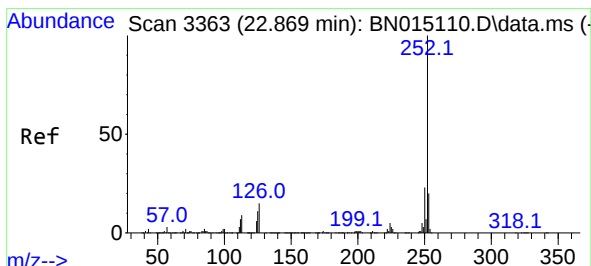
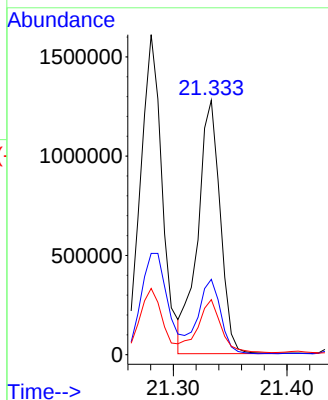
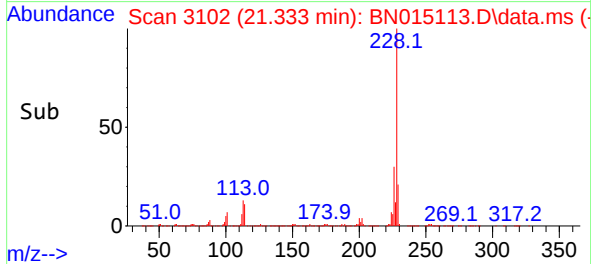
Instrument :
BNA_N
ClientSampled :
BGDC8



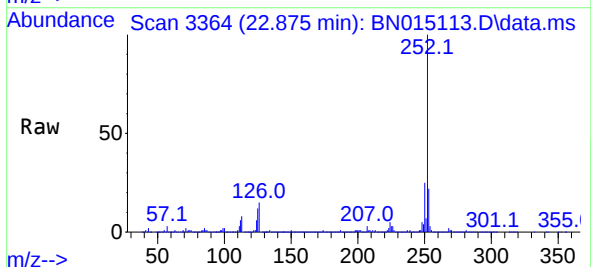
Tgt Ion:228 Resp: 1757934
Ion Ratio Lower Upper
228 100
226 29.6 22.6 33.8
229 21.6 15.5 23.3

Manual Integrations
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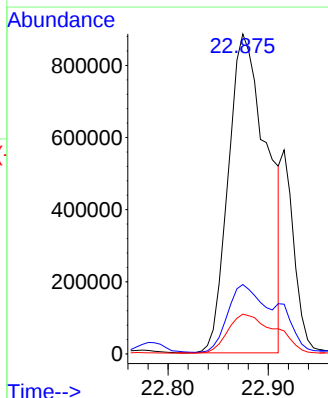
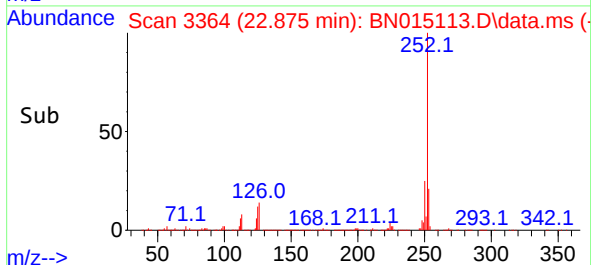
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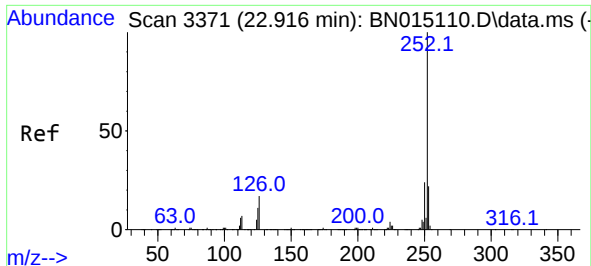


#90
Benzo(b)fluoranthene
Concen: 48.435 ng/u1
RT: 22.875 min Scan# 3364
Delta R.T. 0.006 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49



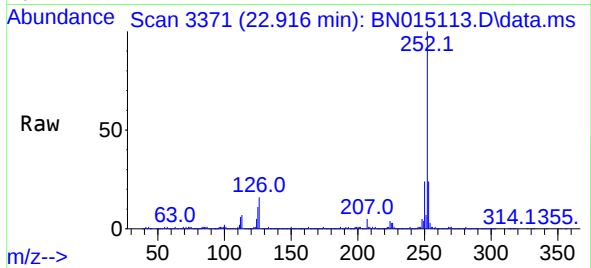
Tgt Ion:252 Resp: 2391709
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 12.5 9.4 14.0





#91
Benzo(k)fluoranthene
Concen: 9.798 ng/ul m
RT: 22.916 min Scan# 3371
Delta R.T. 0.000 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

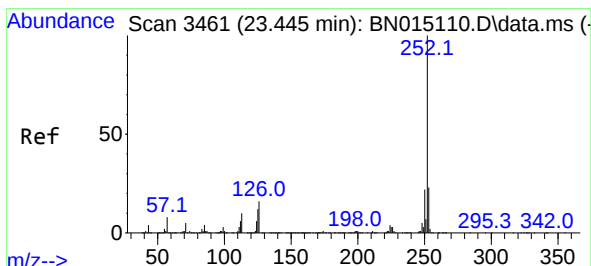
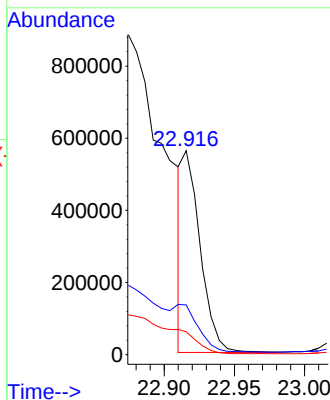
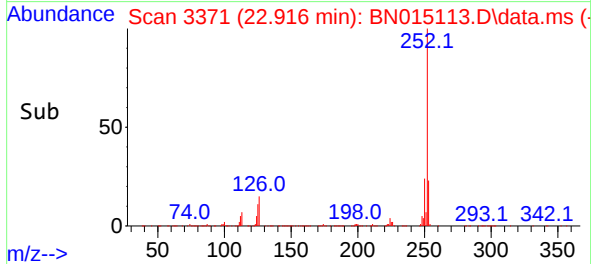
Instrument :
BNA_N
ClientSampled :
BGDC8



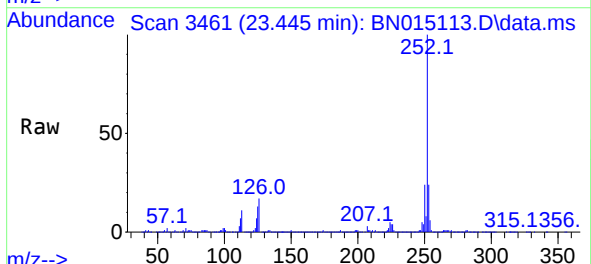
Tgt Ion:252 Resp: 489664
Ion Ratio Lower Upper
252 100
253 24.4 18.0 27.0
125 11.3 8.8 13.2

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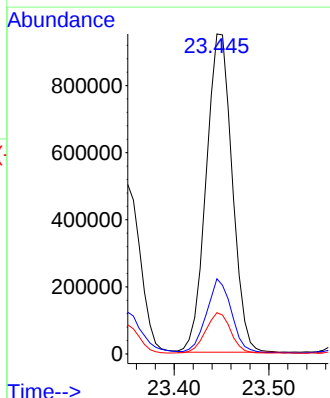
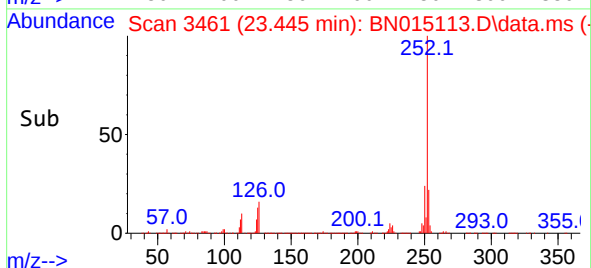
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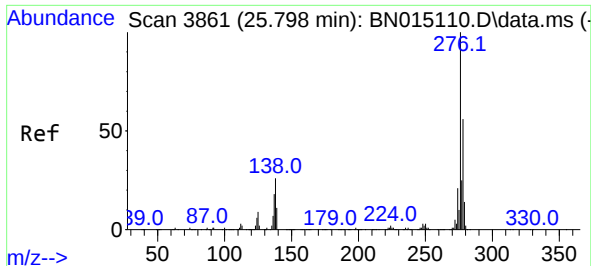


#93
Benzo(a)pyrene
Concen: 40.276 ng/ul
RT: 23.445 min Scan# 3461
Delta R.T. 0.000 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49



Tgt Ion:252 Resp: 1807689
Ion Ratio Lower Upper
252 100
253 23.5 16.4 24.6
125 12.9 9.3 13.9





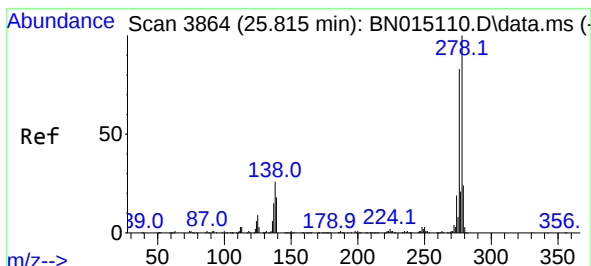
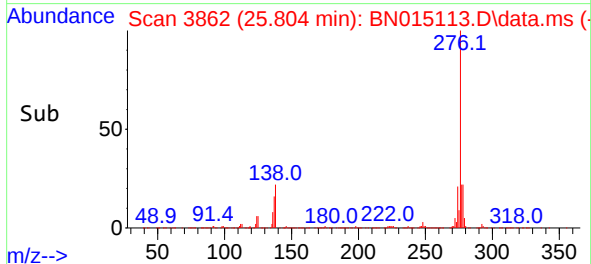
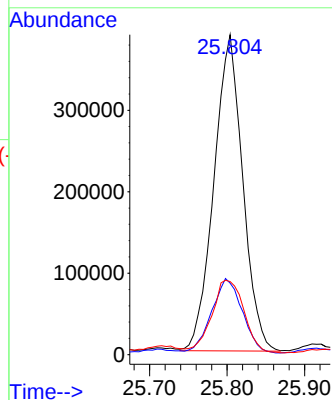
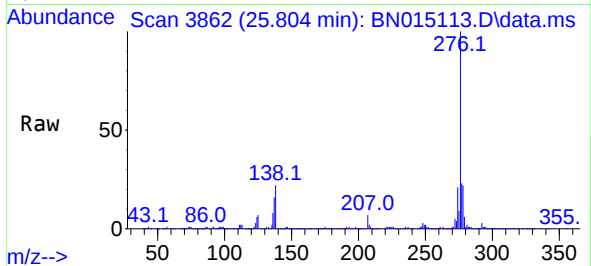
#94
Indeno(1,2,3-cd)pyrene
Concen: 18.451 ng/ul
RT: 25.804 min Scan# 3862
Delta R.T. 0.000 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

Tgt Ion:276 Resp: 1004717
Ion Ratio Lower Upper
276 100
138 22.3 23.0 34.4#
277 22.9 19.5 29.3

Instrument :
BNA_N
ClientSampled :
BGDC8

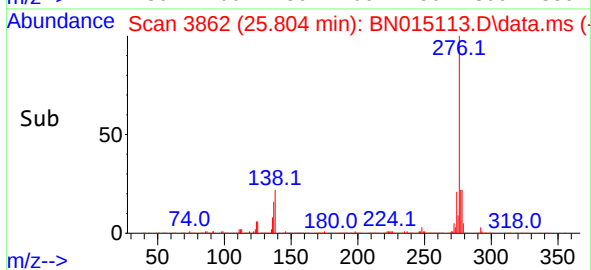
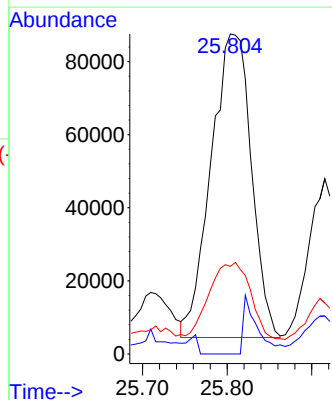
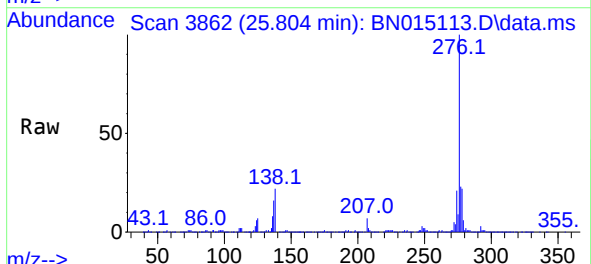
Manual Integrations
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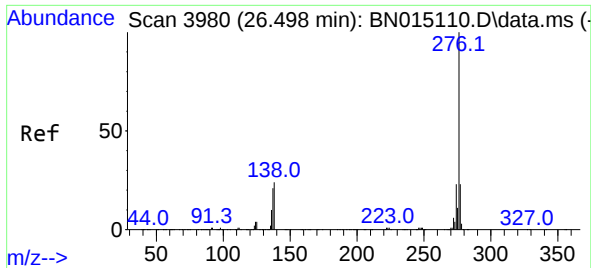
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#95
Dibenzo(a,h)anthracene
Concen: 6.089 ng/ul m
RT: 25.804 min Scan# 3862
Delta R.T. -0.017 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

Tgt Ion:278 Resp: 274814
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 27.4 20.2 30.4





#96
Benzo(g,h,i)perylene
Concen: 17.690 ng/ul
RT: 26.492 min Scan# 3979
Delta R.T. -0.006 min
Lab File: BN015113.D
Acq: 26 Jun 2021 12:49

Tgt Ion: 276 Resp: 832673
Ion Ratio Lower Upper
276 100
138 24.4 19.4 29.2
277 24.7 18.4 27.6

Instrument :
BNA_N
ClientSampleId :
BGDC8

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