

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
 Data File : BN015055.D
 Acq On : 25 Jun 2021 00:26
 Operator : CG/JU
 Sample : M2682-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDM4

Manual Integrations
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Quant Time: Jun 25 01:24:21 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	155122	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	632848	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	375059	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	733401	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	678936	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	727429	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	10368	2.601	ng/uL	0.00
4) Pyridine-d5	3.681	84	91437	8.508	ng/u1	0.00
7) Phenol-d5	6.893	99	195871	14.548	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	116758	14.767	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	159320	15.606	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	122802	11.818	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	71963	16.623	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	71145	18.450	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	141163	15.510	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	149532	10.601	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	453160	17.595	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	563945	16.868	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	49083	10.926	ng/u1	0.00
60) Fluorene-d10	15.345	176	396730	17.707	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	22580	7.455	ng/u1	0.00
73) Anthracene-d10	17.198	188	605771	18.046	ng/u1	0.00
81) Pyrene-d10	19.498	212	623757	17.528	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.398	264	500515	13.938	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.875	77	8770	1.401	ng/u1	96
16) Acetophenone	8.540	105	21269	1.351	ng/u1	100
50) Acenaphthylene	14.075	152	41211	1.306	ng/u1	98
61) Fluorene	15.404	166	26540	1.075	ng/u1	95
72) Phenanthrene	17.139	178	937920	24.230	ng/u1	99
74) Anthracene	17.228	178	320261	8.059	ng/u1	98
77) Carbazole	17.498	167	104405	2.915	ng/u1	97
80) Fluoranthene	19.163	202	2328395	54.203	ng/u1	98
82) Pyrene	19.527	202	1780158	39.759	ng/u1	99
85) Benzo(a)anthracene	21.280	228	1655162	39.415	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.221	149	56253	2.201	ng/u1#	97
87) Chrysene	21.333	228	1338645	32.372	ng/u1	95
90) Benzo(b)fluoranthene	22.874	252	1891785	43.187	ng/u1	96
91) Benzo(k)fluoranthene	22.910	252	772123	17.416	ng/u1	98
93) Benzo(a)pyrene	23.445	252	948973	23.835	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	25.804	276	741876	15.358	ng/u1	94
95) Dibenzo(a,h)anthracene	25.809	278	244268m	6.101	ng/u1	
96) Benzo(g,h,i)perylene	26.486	276	46377m	1.111	ng/u1	

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

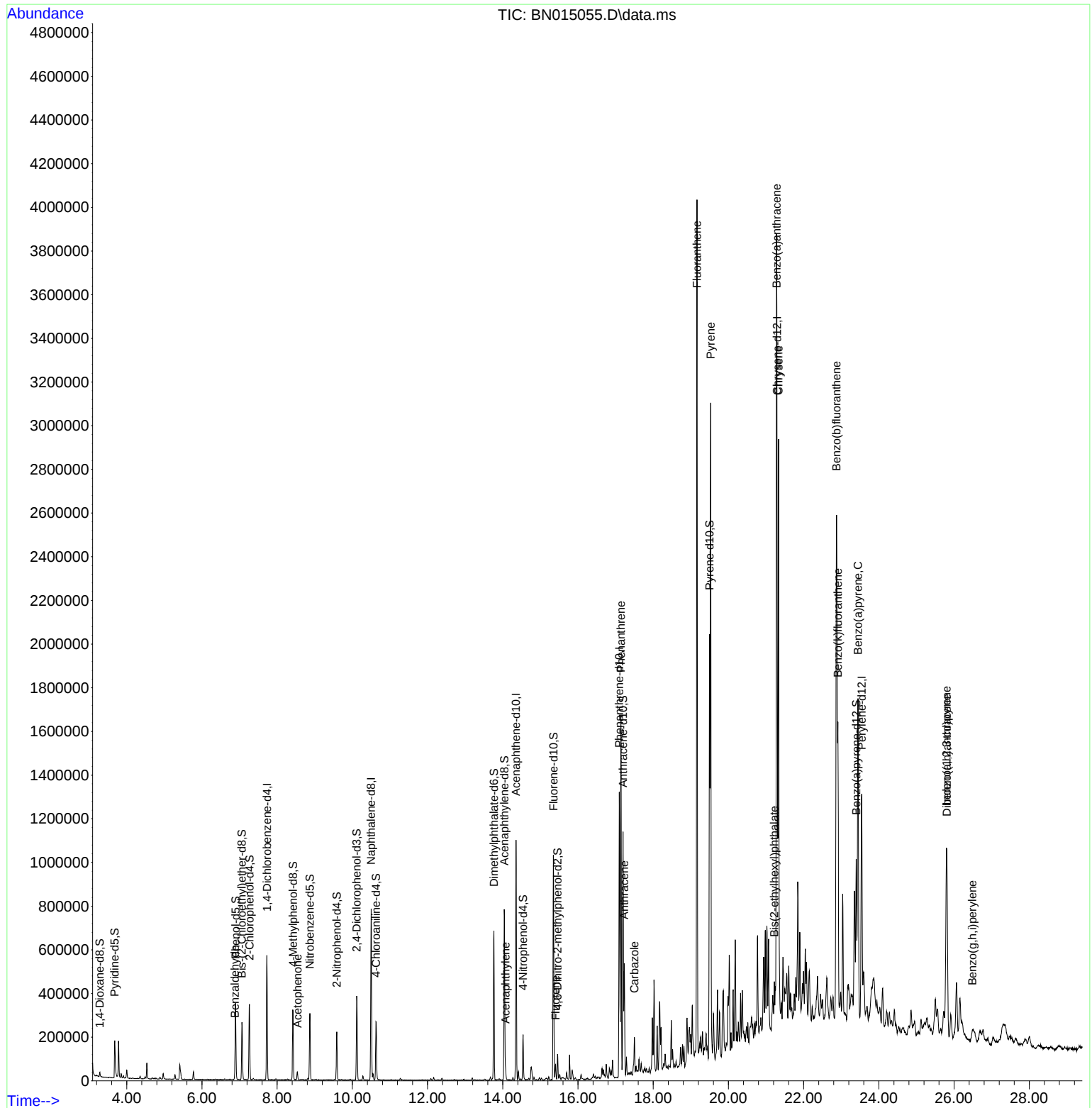
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015055.D
Acq On : 25 Jun 2021 00:26
Operator : CG/JU
Sample : M2682-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

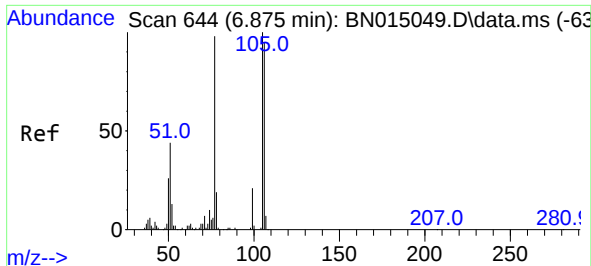
Instrument :
BNA_N
ClientSampleId :
BGDM4

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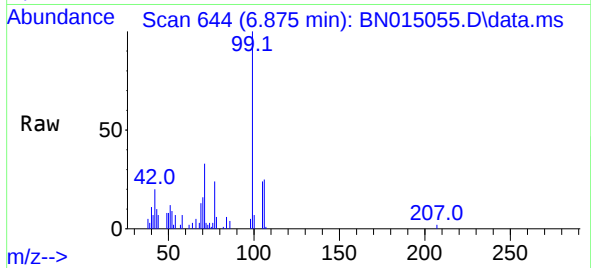
Quant Time: Jun 25 01:24:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 1.401 ng/ul
RT: 6.875 min Scan# 644
Delta R.T. 0.000 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26

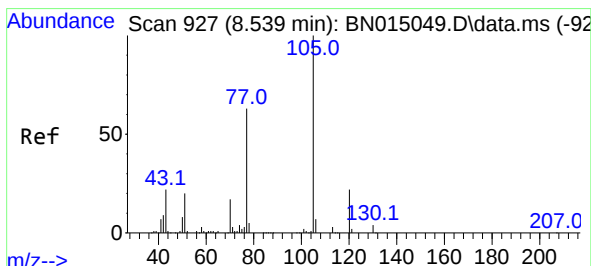
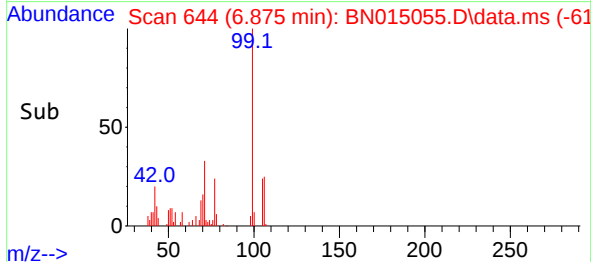
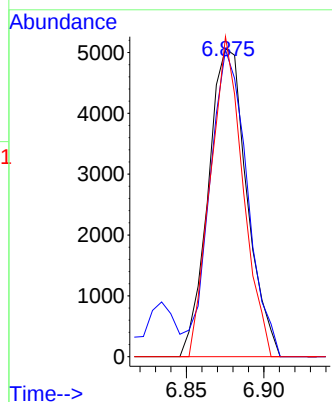
Instrument :
BNA_N
ClientSampleId :
BGDM4



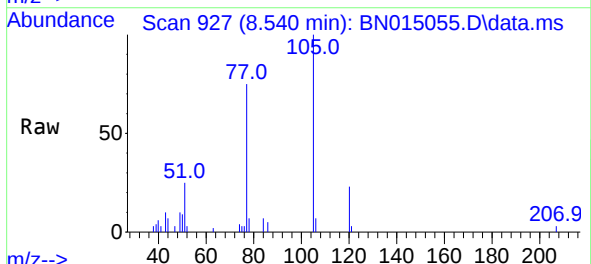
Tgt Ion: 77 Resp: 8770
Ion Ratio Lower Upper
77 100
105 99.6 82.2 123.2
106 103.9 79.4 119.0

Manual Integrations
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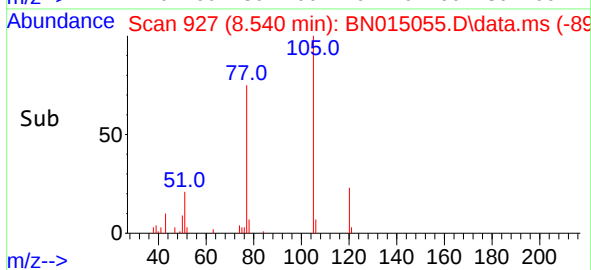
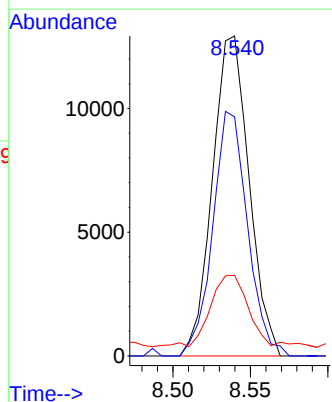
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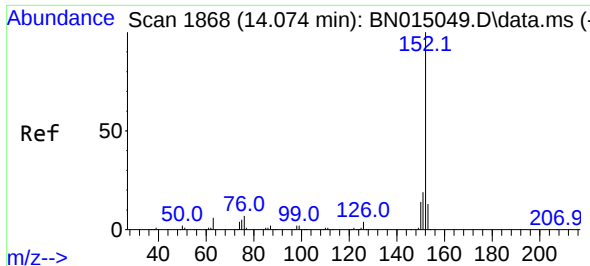


#16
Acetophenone
Concen: 1.351 ng/ul
RT: 8.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26



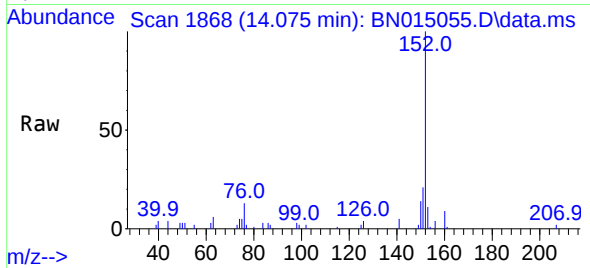
Tgt Ion: 105 Resp: 21269
Ion Ratio Lower Upper
105 100
77 74.7 59.9 89.9
51 25.2 20.0 30.0





#50
Acenaphthylene
Concen: 1.306 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26

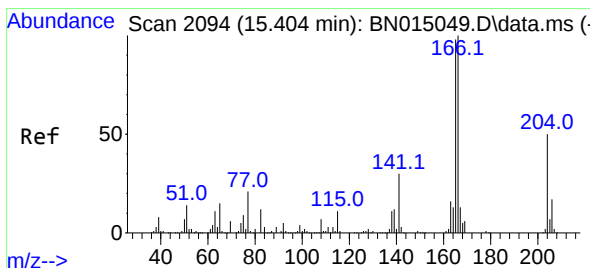
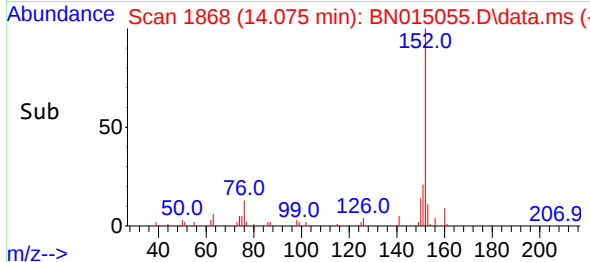
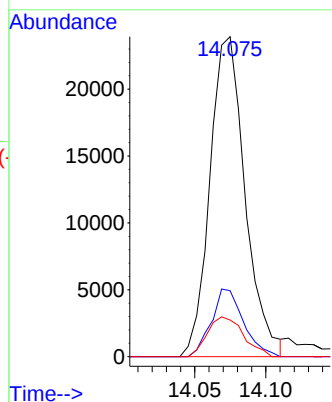
Instrument :
BNA_N
ClientSampled :
BGDM4



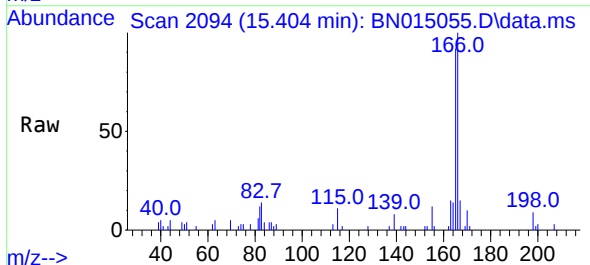
Tgt Ion:152 Resp: 41211
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 11.4 10.0 15.0

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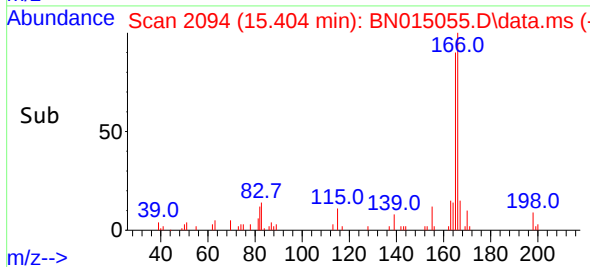
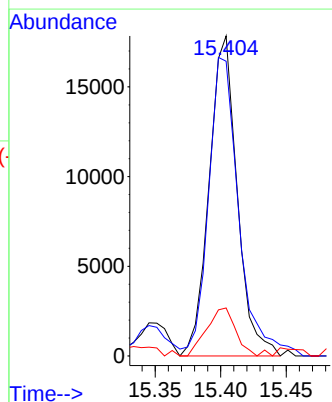
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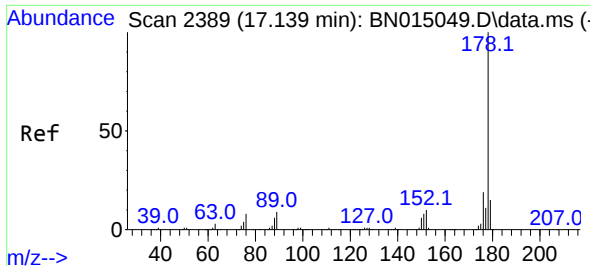


#61
Fluorene
Concen: 1.075 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26



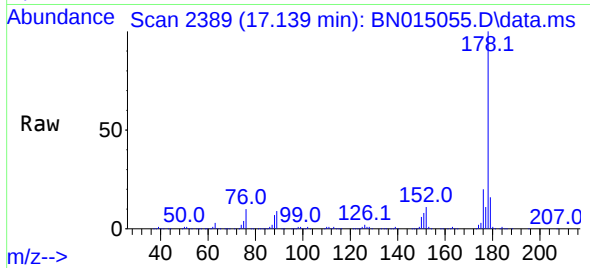
Tgt Ion:166 Resp: 26540
Ion Ratio Lower Upper
166 100
165 92.1 78.2 117.4
167 15.0 11.0 16.4





#72
Phenanthrene
Concen: 24.230 ng/ul
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26

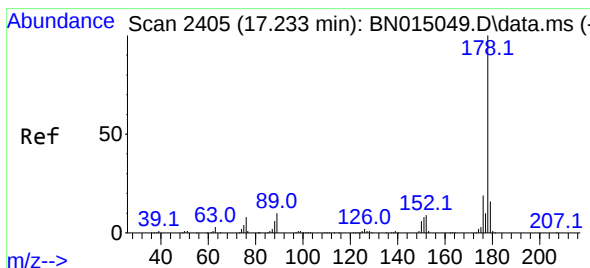
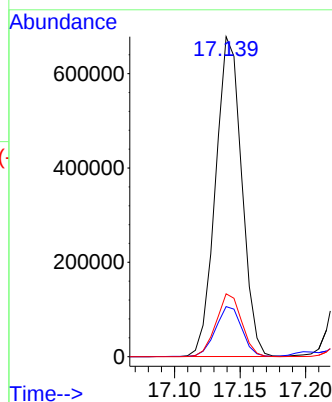
Instrument :
BNA_N
ClientSampleId :
BGDM4



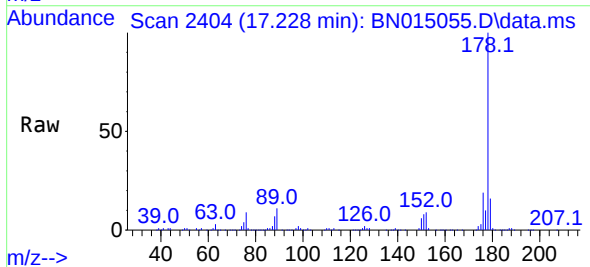
Tgt Ion:178 Resp: 937920
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.6 15.4 23.2

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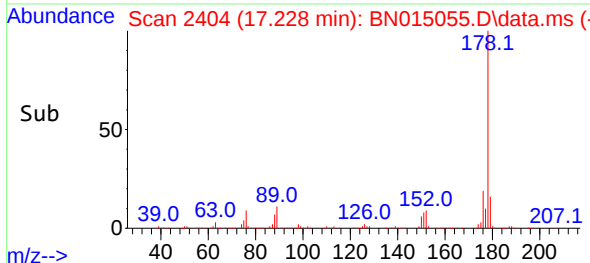
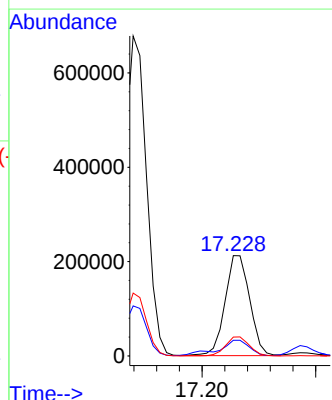
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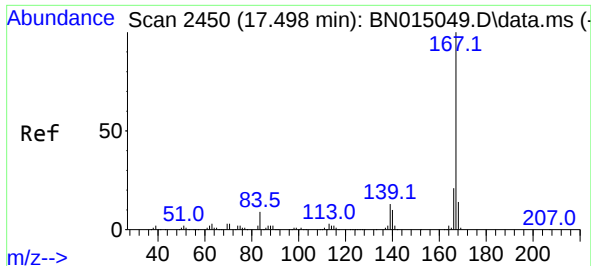


#74
Anthracene
Concen: 8.059 ng/ul
RT: 17.228 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26



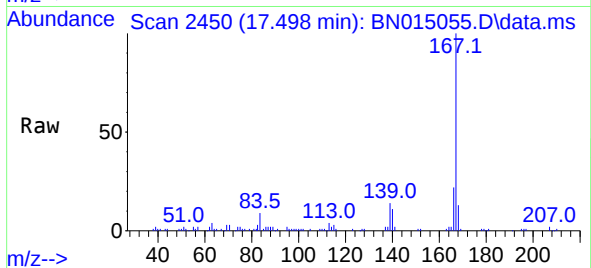
Tgt Ion:178 Resp: 320261
Ion Ratio Lower Upper
178 100
179 15.6 11.6 17.4
176 18.8 14.6 21.8





#77
 Carbazole
 Concen: 2.915 ng/u1
 RT: 17.498 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BN015055.D
 Acq: 25 Jun 2021 00:26

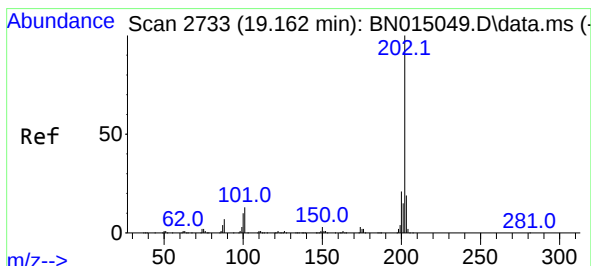
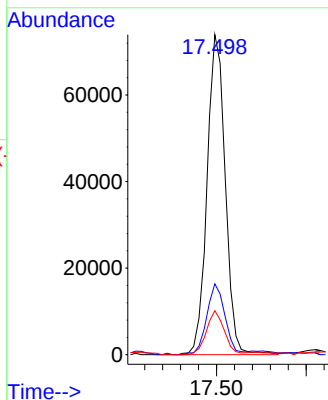
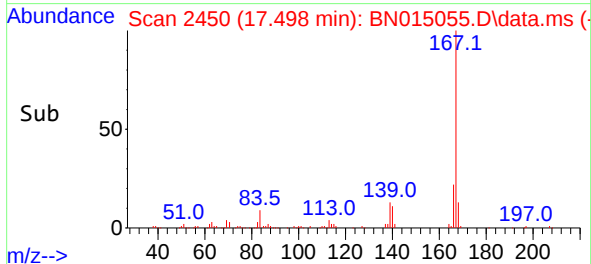
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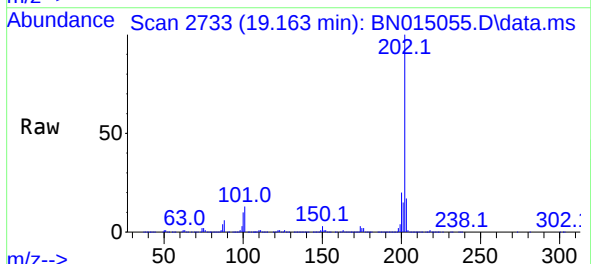
Tgt Ion:167 Resp: 104405
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.4 24.6
 139 13.8 10.0 15.0

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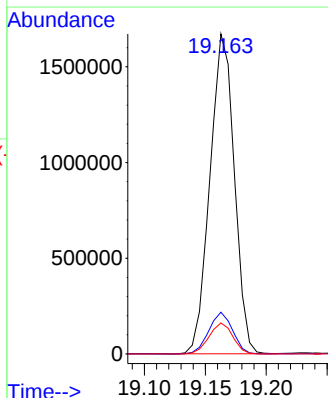
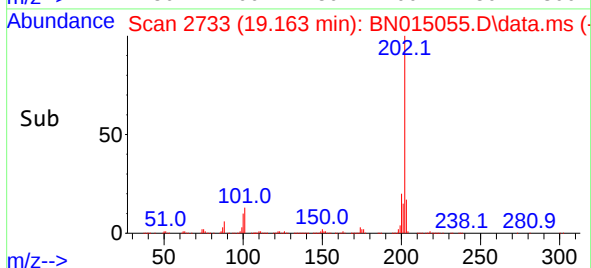
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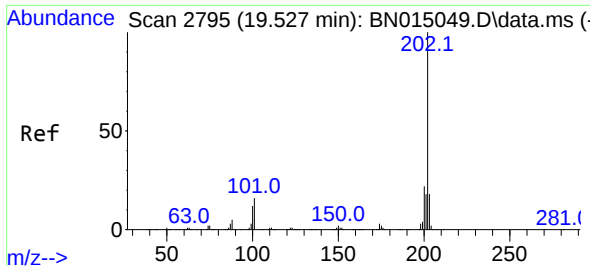


#80
 Fluoranthene
 Concen: 54.203 ng/u1
 RT: 19.163 min Scan# 2733
 Delta R.T. 0.000 min
 Lab File: BN015055.D
 Acq: 25 Jun 2021 00:26



Tgt Ion:202 Resp: 2328395
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.5 14.3
 100 9.7 7.4 11.2





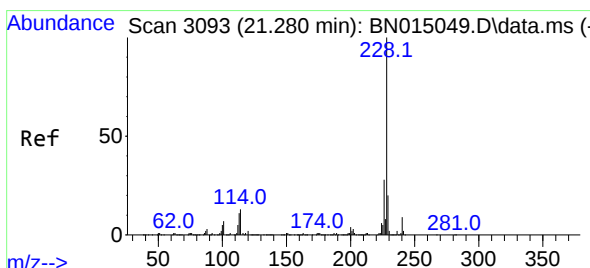
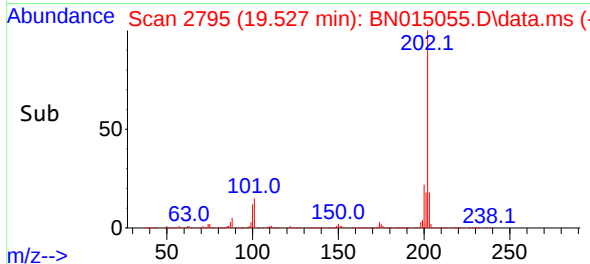
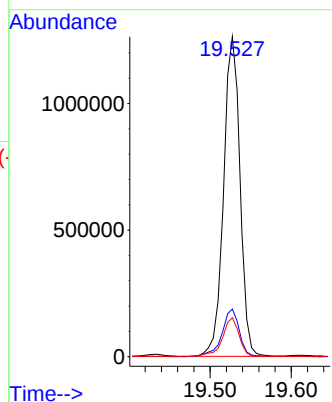
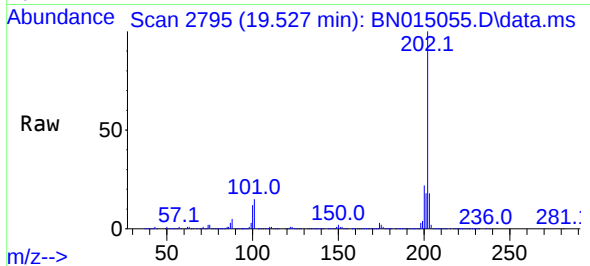
#82
Pyrene
Concen: 39.759 ng/u1
RT: 19.527 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26

Instrument :
BNA_N
ClientSampled :
BGDM4

Tgt Ion:202 Resp: 1780158
Ion Ratio Lower Upper
202 100
101 14.9 11.6 17.4
100 12.2 9.2 13.8

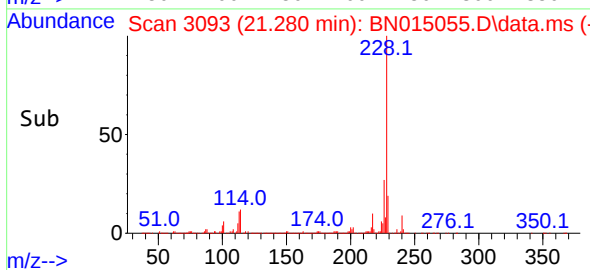
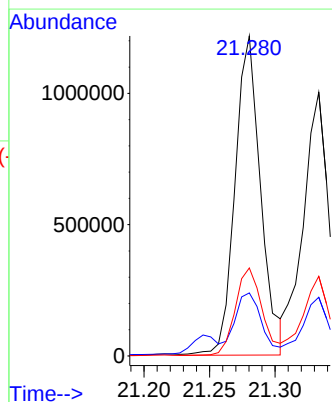
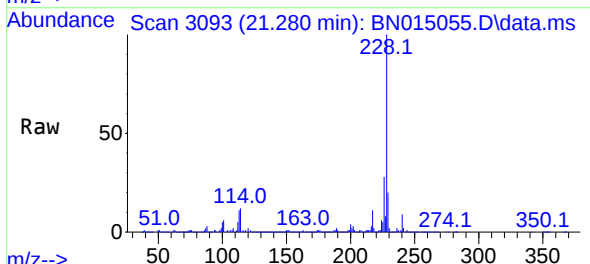
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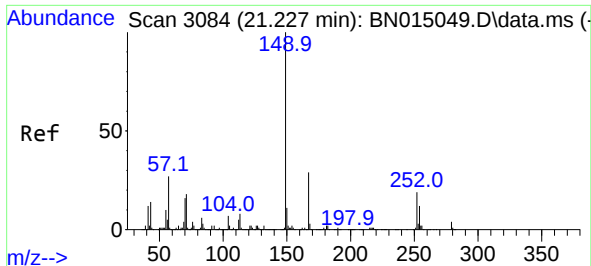
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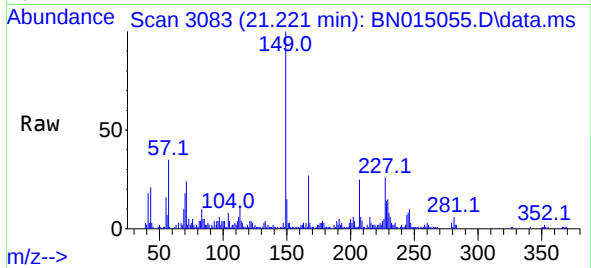
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Benzo(a)anthracene
Concen: 39.415 ng/u1
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26

Tgt Ion:228 Resp: 1655162
Ion Ratio Lower Upper
228 100
229 19.7 14.8 22.2
226 27.5 20.2 30.4

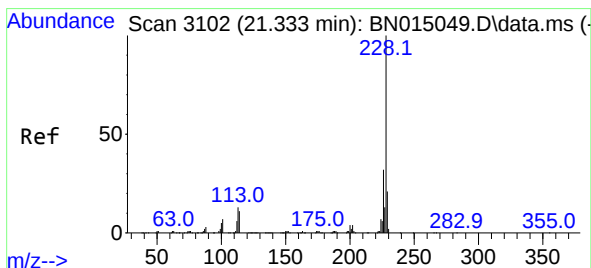
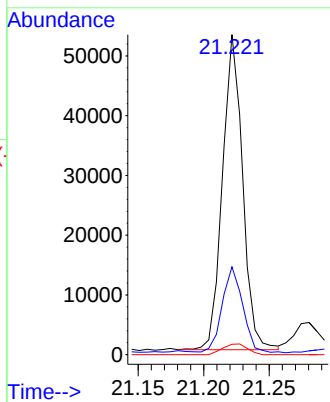
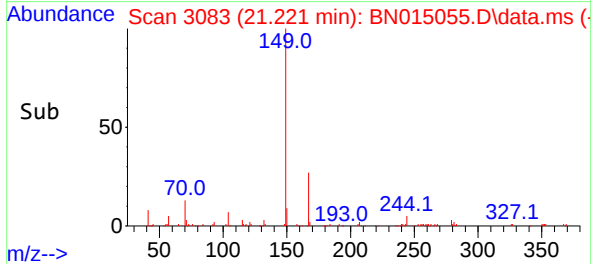




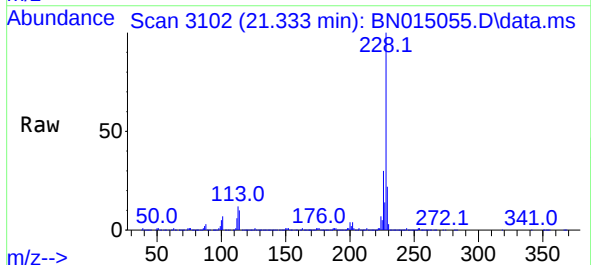
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.201 ng/ul
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26



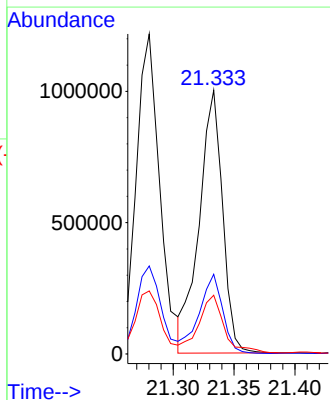
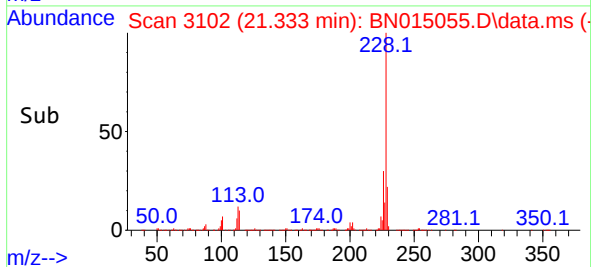
Tgt Ion:149 Resp: 56253
Ion Ratio Lower Upper
149 100
167 27.4 23.4 35.0
279 3.3 3.4 5.2#



#87
Chrysene
Concen: 32.372 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26



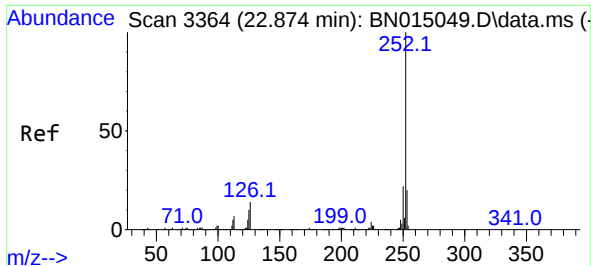
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Ion Ratio Lower Upper
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226 30.2 22.6 33.8
229 22.2 15.5 23.3



Instrument :
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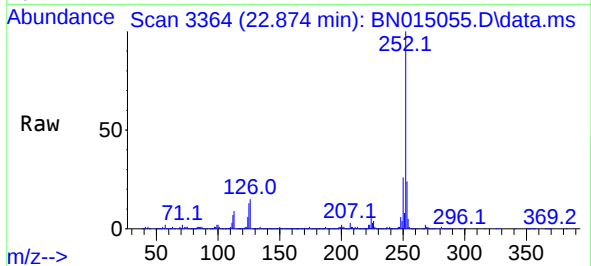
Manual Integrations
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#90
Benzo(b)fluoranthene
Concen: 43.187 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. 0.006 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26

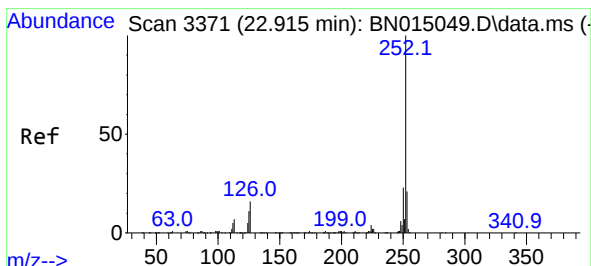
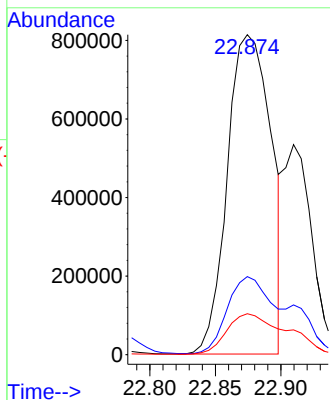
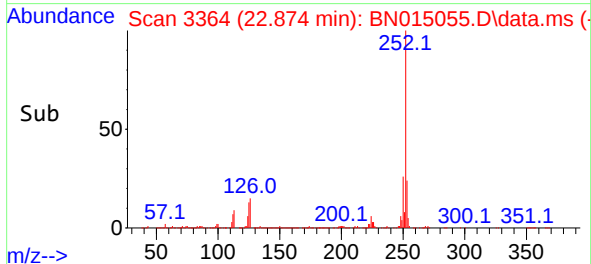
Instrument :
BNA_N
ClientSampled :
BGDM4



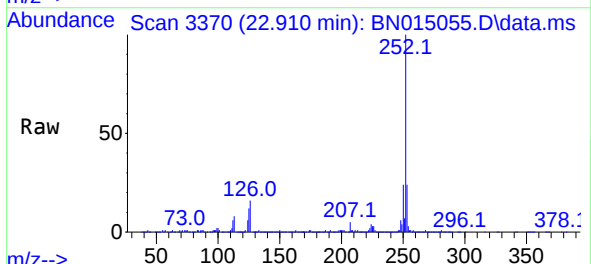
Tgt Ion:252 Resp: 1891785
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 12.8 9.4 14.0

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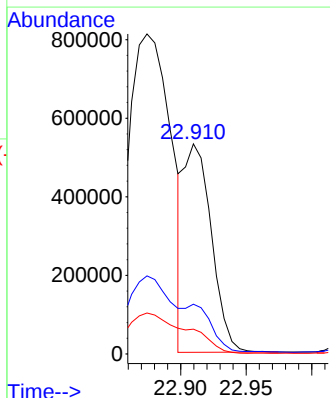
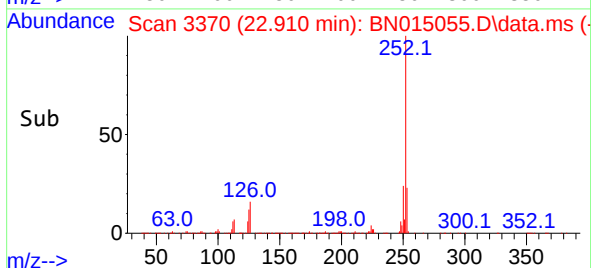
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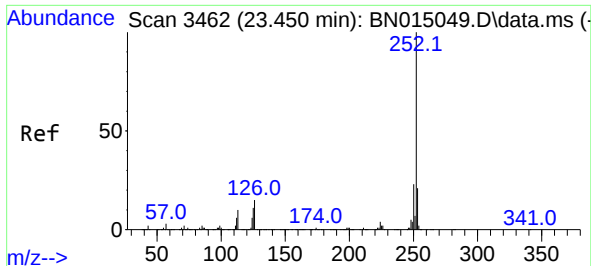


#91
Benzo(k)fluoranthene
Concen: 17.416 ng/ul
RT: 22.910 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26



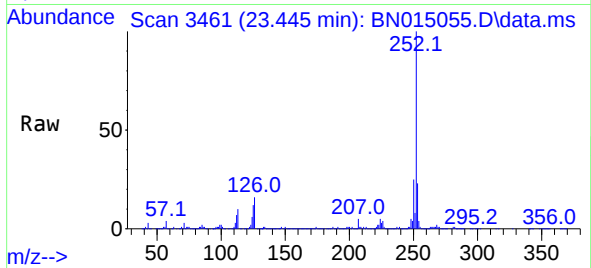
Tgt Ion:252 Resp: 772123
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 11.8 8.8 13.2





#93
Benzo(a)pyrene
Concen: 23.835 ng/ul
RT: 23.445 min Scan# 3461
Delta R.T. 0.000 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26

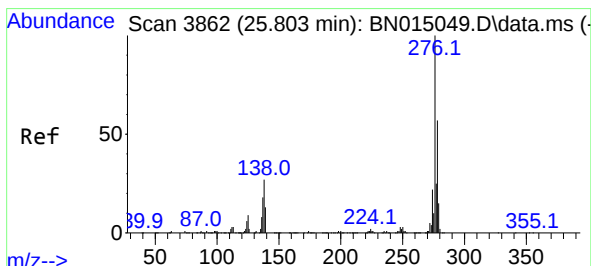
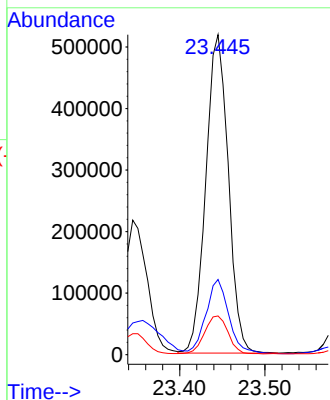
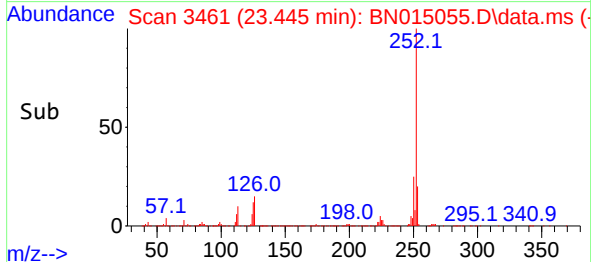
Instrument :
BNA_N
ClientSampled :
BGDM4



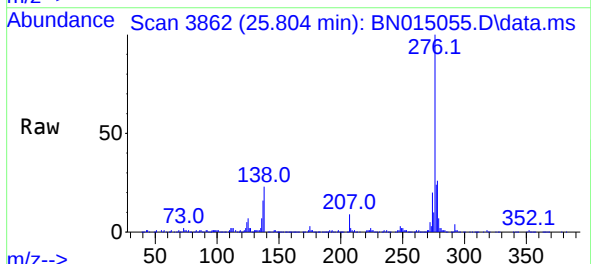
Tgt Ion:252 Resp: 948973
Ion Ratio Lower Upper
252 100
253 23.5 16.4 24.6
125 12.1 9.3 13.9

Manual Integrations
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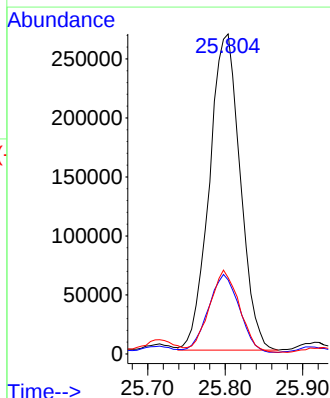
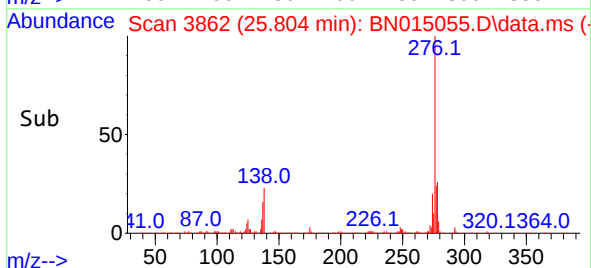
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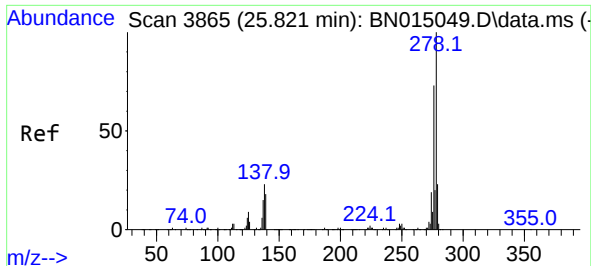


#94
Indeno(1,2,3-cd)pyrene
Concen: 15.358 ng/ul
RT: 25.804 min Scan# 3862
Delta R.T. 0.000 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26



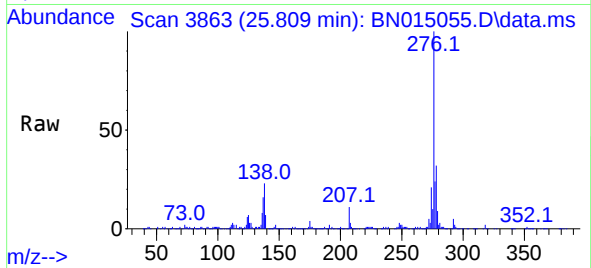
Tgt Ion:276 Resp: 741876
Ion Ratio Lower Upper
276 100
138 23.1 23.0 34.4
277 23.8 19.5 29.3





#95
Dibenzo(a,h)anthracene
Concen: 6.101 ng/ul m
RT: 25.809 min Scan# 3863
Delta R.T. -0.012 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26

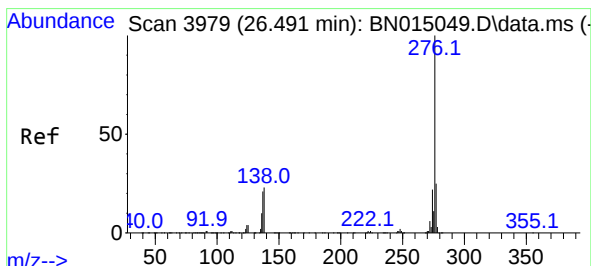
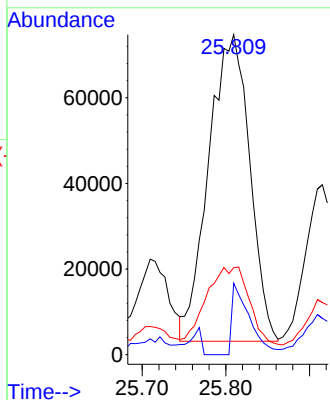
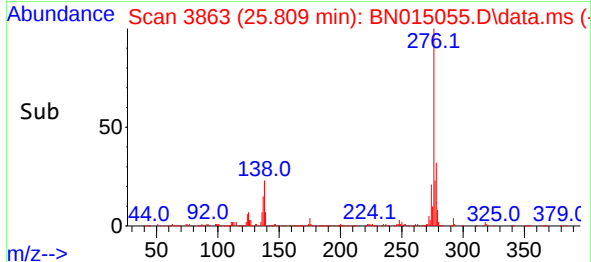
Instrument :
BNA_N
ClientSampleId :
BGDM4



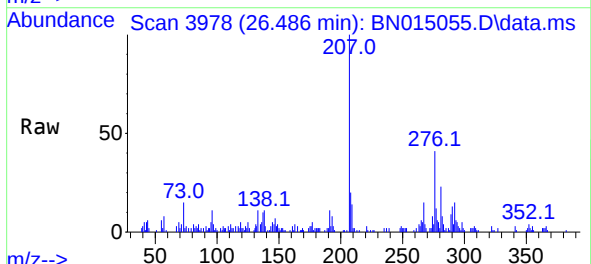
Tgt Ion:278 Resp: 244268
Ion Ratio Lower Upper
278 100
139 22.3 14.8 22.2#
279 27.2 20.2 30.4

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.111 ng/ul m
RT: 26.486 min Scan# 3978
Delta R.T. -0.012 min
Lab File: BN015055.D
Acq: 25 Jun 2021 00:26



Tgt Ion:276 Resp: 46377
Ion Ratio Lower Upper
276 100
138 26.4 19.4 29.2
277 28.5 18.4 27.6#

