

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
 Data File : BN015176.D
 Acq On : 28 Jun 2021 15:22
 Operator : CG/JU
 Sample : M2704-02DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC8DL

Manual Integrations
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Quant Time: Jun 28 16:08:31 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	170667	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	709792	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	419635	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	822868	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	764991	20.000	ng/u1	0.00
88) Perylene-d12	23.563	264	833479	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	4853	1.106	ng/uL	0.00
4) Pyridine-d5	3.681	84	45426	3.842	ng/u1	0.00
7) Phenol-d5	6.893	99	117446	7.929	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	70136	8.062	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	92993	8.279	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	90333	7.902	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	46909	9.661	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	41893	9.686	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	80758	7.911	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	103680	6.554	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	251273	8.720	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	329636	8.812	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	22251	4.427	ng/u1	0.00
60) Fluorene-d10	15.345	176	230810	9.207	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	5415	1.593	ng/u1	0.00
73) Anthracene-d10	17.198	188	348578	9.255	ng/u1	0.00
81) Pyrene-d10	19.498	212	361803	9.023	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.410	264	359483	8.737	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.546	128	82554	2.279	ng/u1	99
50) Acenaphthylene	14.069	152	74376	2.107	ng/u1#	95
52) Acenaphthene	14.416	153	276286	11.126	ng/u1	99
56) Dibenzofuran	14.751	168	156929	4.499	ng/u1	99
61) Fluorene	15.404	166	261557	9.473	ng/u1	98
72) Phenanthrene	17.140	178	1924426	44.310	ng/u1	99
74) Anthracene	17.234	178	748633	16.791	ng/u1	99
80) Fluoranthene	19.163	202	1989963	41.113	ng/u1	98
82) Pyrene	19.528	202	1685909	33.418	ng/u1	98
85) Benzo(a)anthracene	21.292	228	942633m	19.922	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.228	149	40160	1.395	ng/u1	96
87) Chrysene	21.339	228	784680	16.841	ng/u1	98
90) Benzo(b)fluoranthene	22.880	252	848163	16.899	ng/u1	98
91) Benzo(k)fluoranthene	22.922	252	387913m	7.636	ng/u1	
93) Benzo(a)pyrene	23.463	252	795788	17.444	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	25.821	276	452248	8.171	ng/u1#	93
95) Dibenzo(a,h)anthracene	25.816	278	126675m	2.761	ng/u1	
96) Benzo(g,h,i)perylene	26.510	276	364217	7.613	ng/u1	95

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

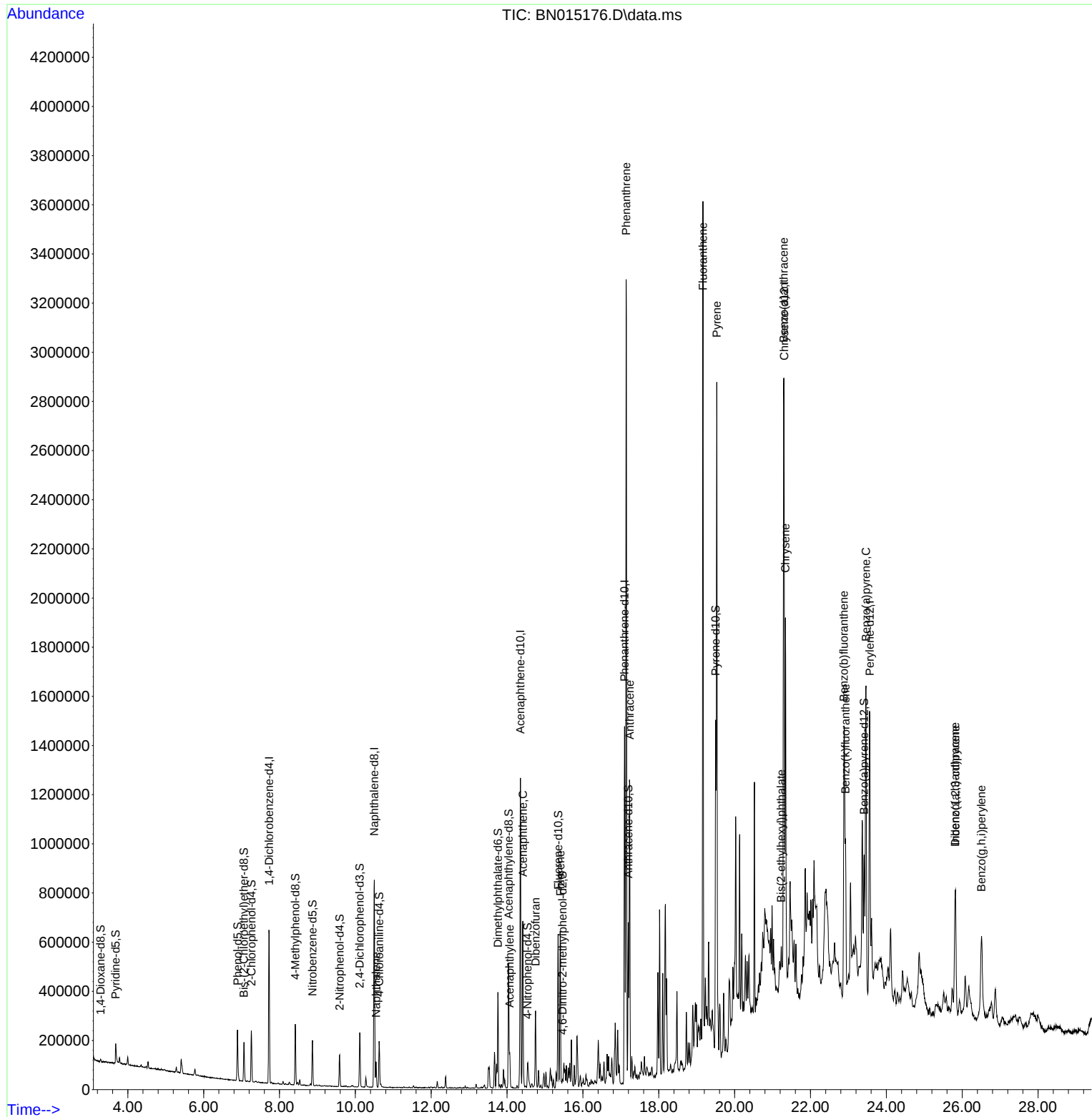
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015176.D
Acq On : 28 Jun 2021 15:22
Operator : CG/JU
Sample : M2704-02DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

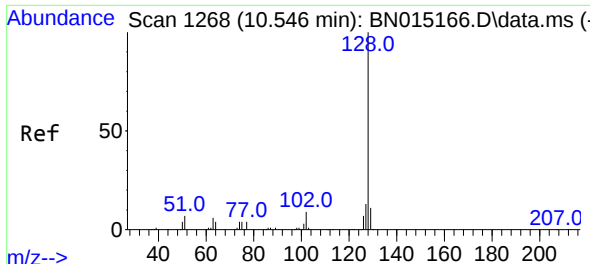
Instrument :
BNA_N
Client Sample Id :
BGDC8DL

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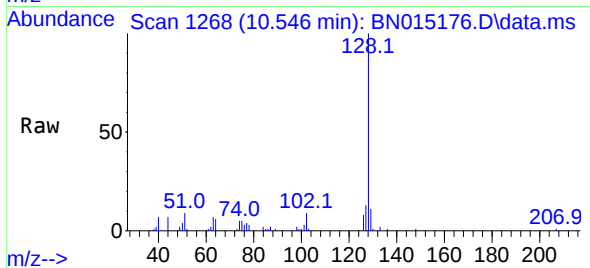
Quant Time: Jun 28 16:08:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.279 ng/ul
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22

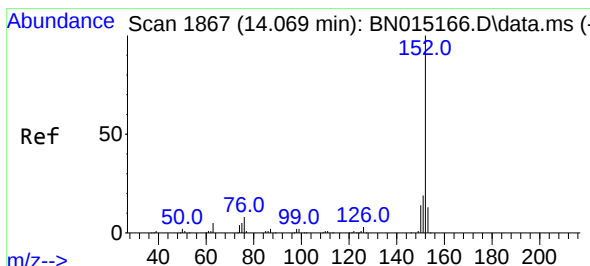
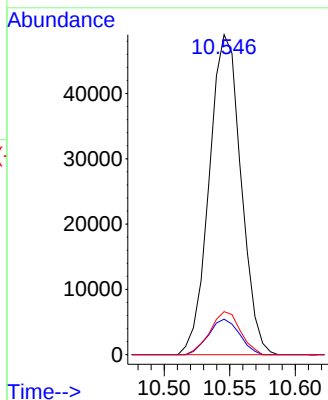
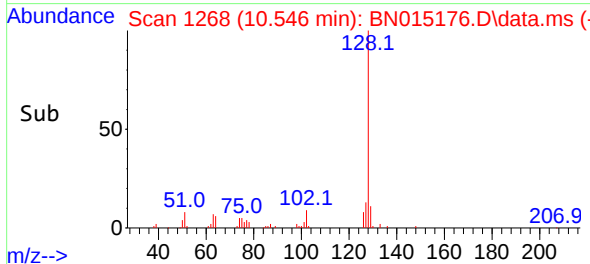
Instrument :
BNA_N
ClientSampleId :
BGDC8DL



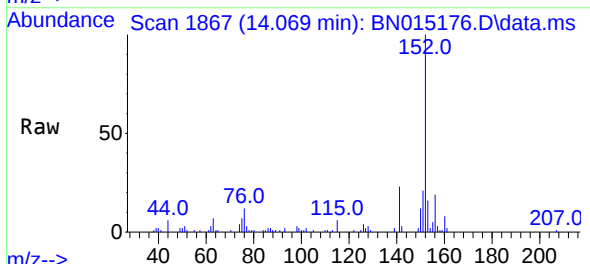
Tgt Ion:128 Resp: 82554
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.6 16.0

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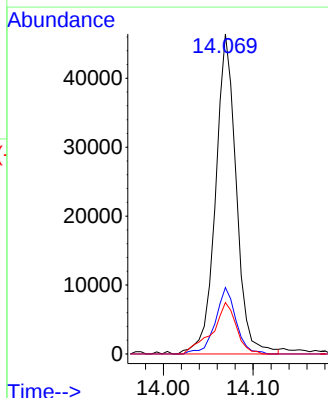
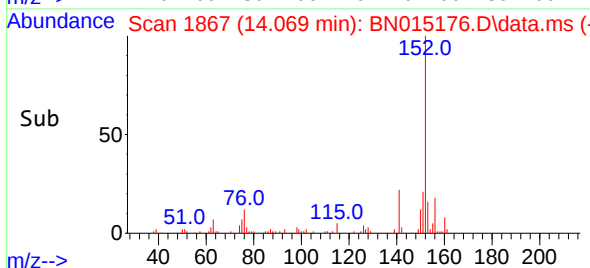
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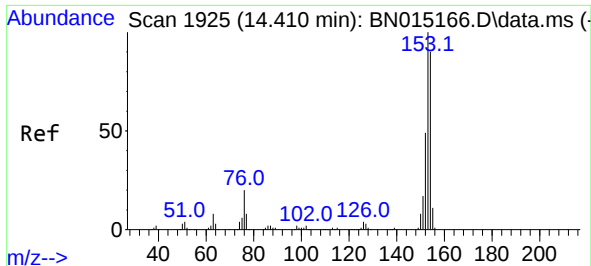


#50
Acenaphthylene
Concen: 2.107 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22



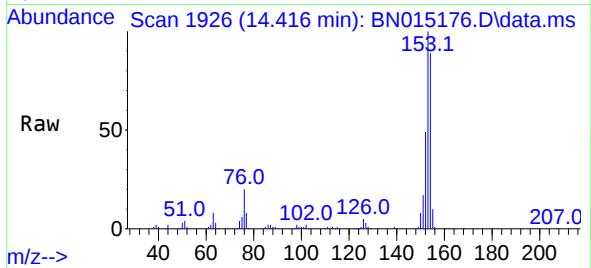
Tgt Ion:152 Resp: 74376
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 16.1 10.0 15.0#





#52
Acenaphthene
Concen: 11.126 ng/u1
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22

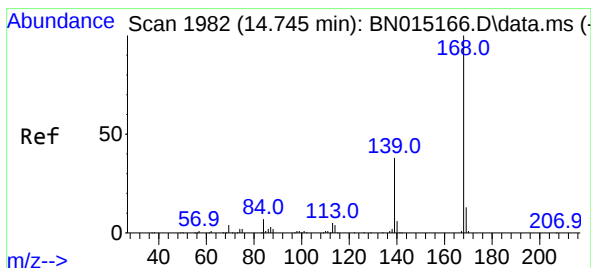
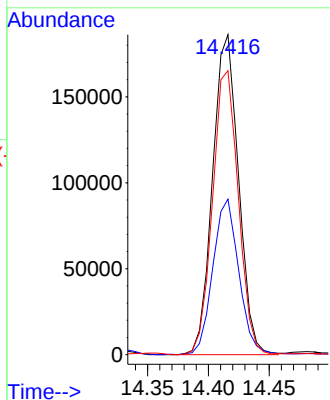
Instrument :
BNA_N
ClientSampleId :
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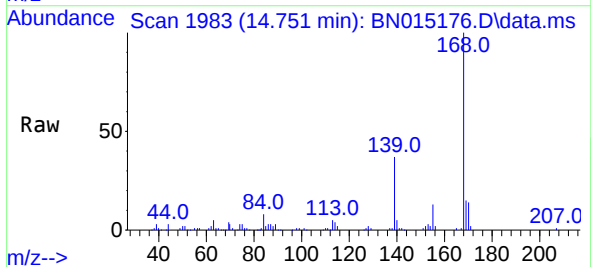
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Ion Ratio Lower Upper
153 100
152 48.6 37.6 56.4
154 88.8 71.6 107.4

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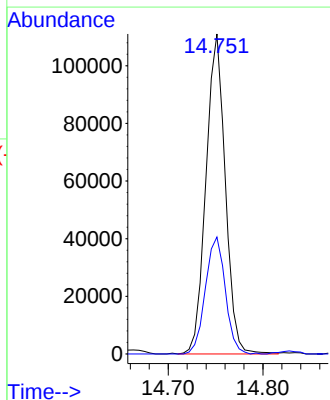
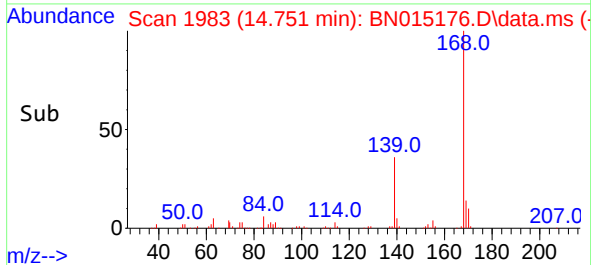
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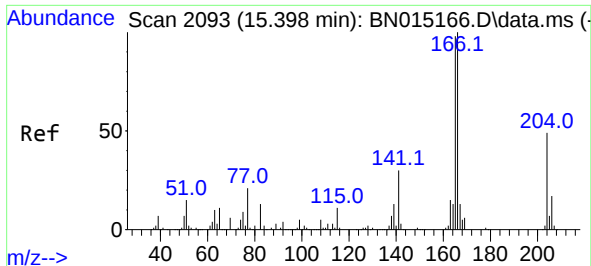


#56
Dibenzofuran
Concen: 4.499 ng/u1
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22



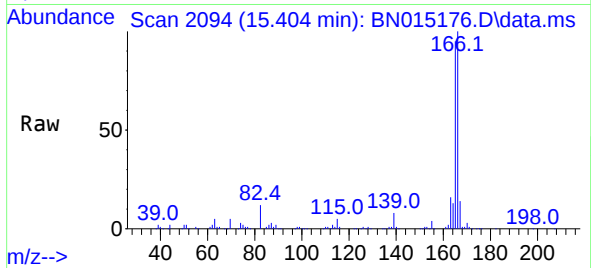
Tgt Ion:168 Resp: 156929
Ion Ratio Lower Upper
168 100
139 36.6 29.0 43.4





#61
Fluorene
Concen: 9.473 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22

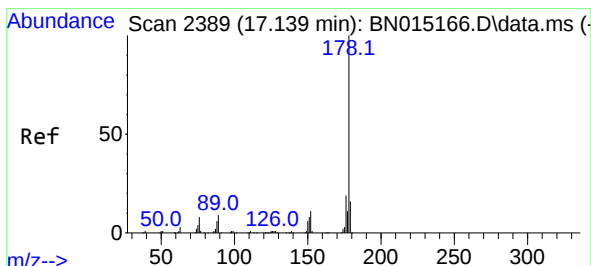
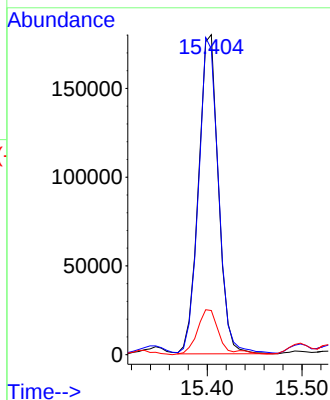
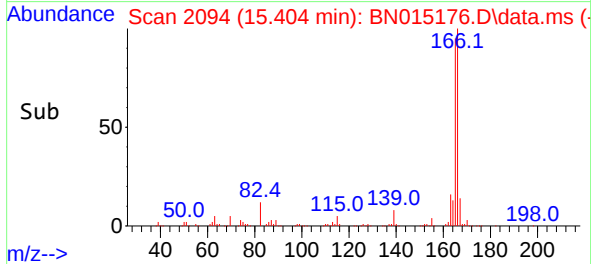
Instrument :
BNA_N
ClientSampleID :
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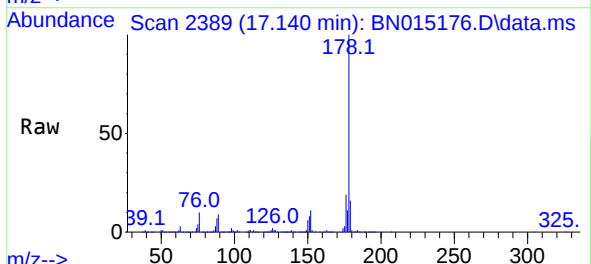
Tgt Ion:166 Resp: 261557
Ion Ratio Lower Upper
166 100
165 95.5 78.2 117.4
167 13.8 11.0 16.4

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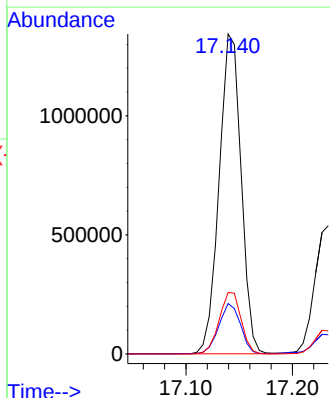
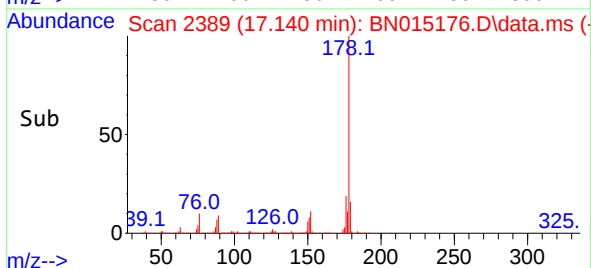
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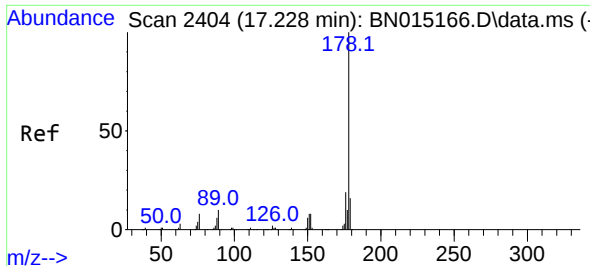


#72
Phenanthrene
Concen: 44.310 ng/ul
RT: 17.140 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22



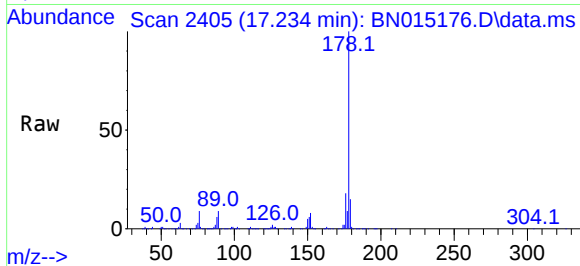
Tgt Ion:178 Resp: 1924426
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 19.2 15.4 23.2





#74
 Anthracene
 Concen: 16.791 ng/u1
 RT: 17.234 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: BN015176.D
 Acq: 28 Jun 2021 15:22

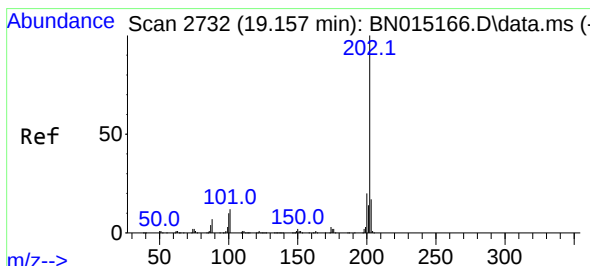
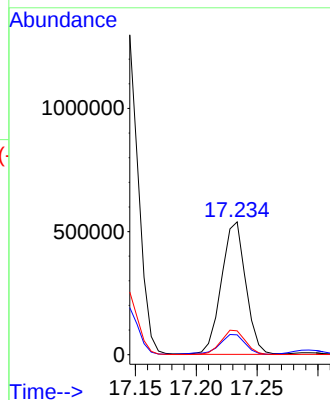
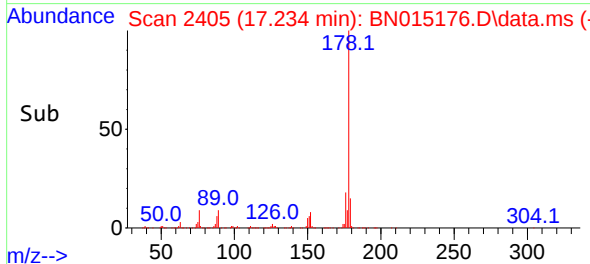
Instrument :
 BNA_N
 ClientSampleID :
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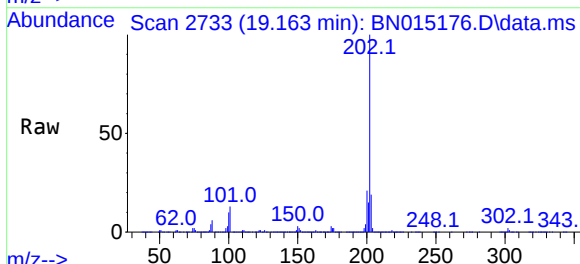
Tgt Ion:178 Resp: 748633
 Ion Ratio Lower Upper
 178 100
 179 14.9 11.6 17.4
 176 17.9 14.6 21.8

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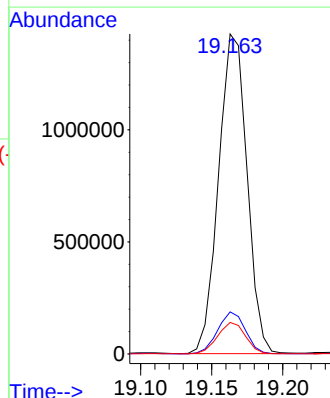
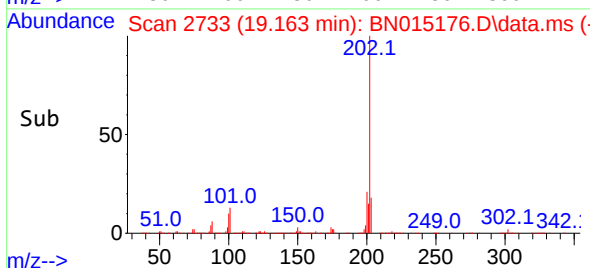
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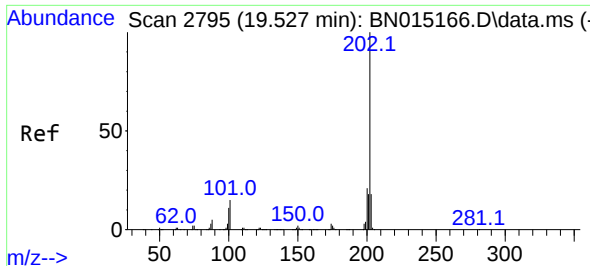


#80
 Fluoranthene
 Concen: 41.113 ng/u1
 RT: 19.163 min Scan# 2733
 Delta R.T. 0.000 min
 Lab File: BN015176.D
 Acq: 28 Jun 2021 15:22

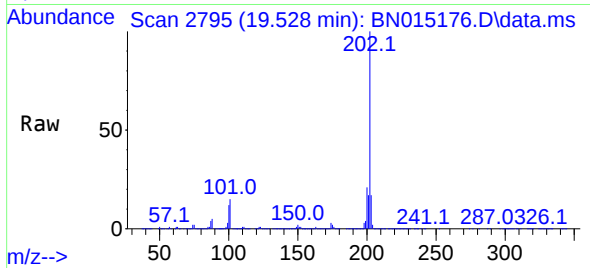


Tgt Ion:202 Resp: 1989963
 Ion Ratio Lower Upper
 202 100
 101 13.1 9.5 14.3
 100 9.9 7.4 11.2



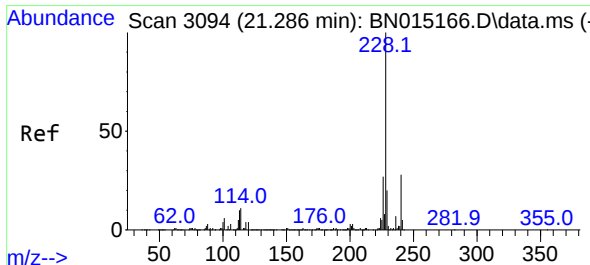
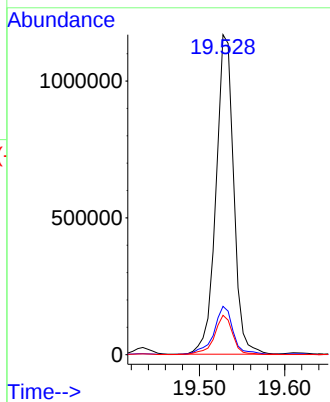
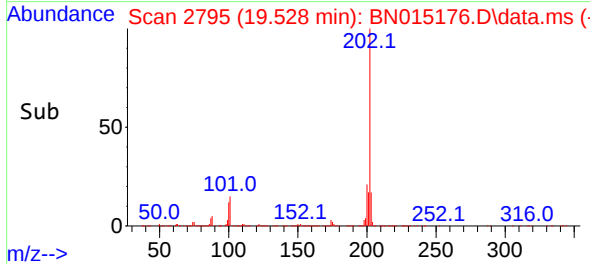


#82
Pyrene
Concen: 33.418 ng/ul
RT: 19.528 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22

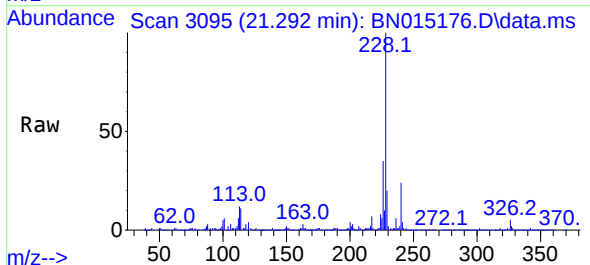


Tgt Ion:202 Resp: 1685909

Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.6	17.4
100	12.3	9.2	13.8

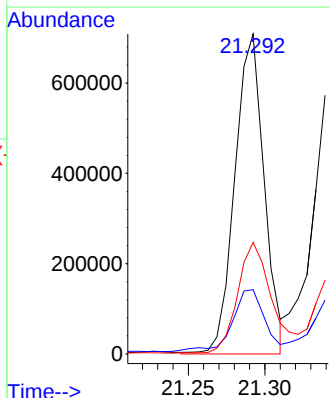
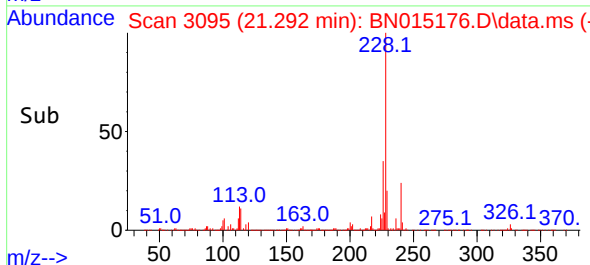


#85
Benzo(a)anthracene
Concen: 19.922 ng/ul m
RT: 21.292 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22



Tgt Ion:228 Resp: 942633

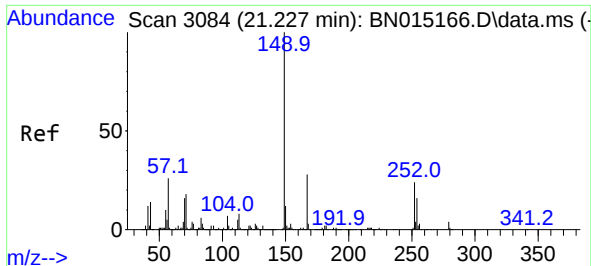
Ion	Ratio	Lower	Upper
228	100		
229	20.1	14.8	22.2
226	34.9	20.2	30.4



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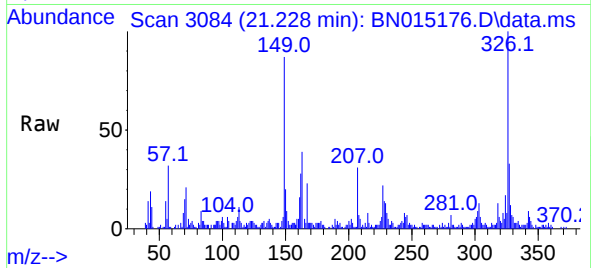
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#86
Bis(2-ethylhexyl)phthalate
Concen: 1.395 ng/ul
RT: 21.228 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22

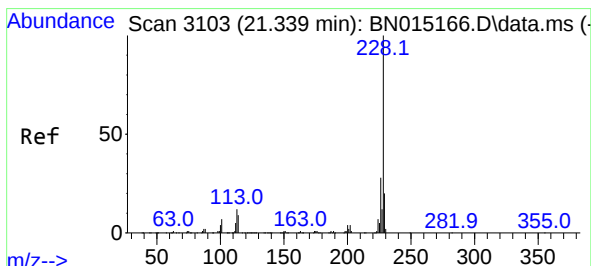
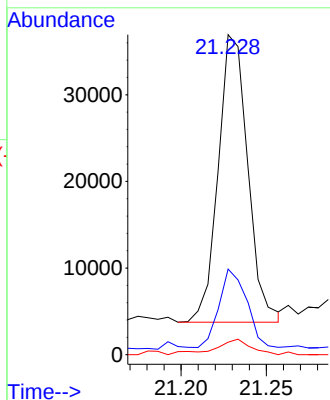
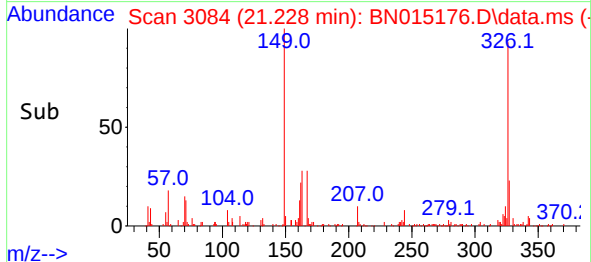
Instrument :
BNA_N
ClientSampleID :
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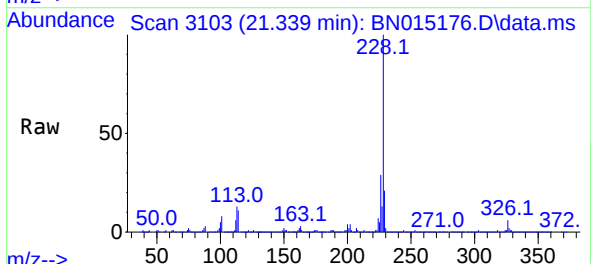
Tgt Ion:149 Resp: 40160
Ion Ratio Lower Upper
149 100
167 26.8 23.4 35.0
279 3.9 3.4 5.2

Manual Integrations
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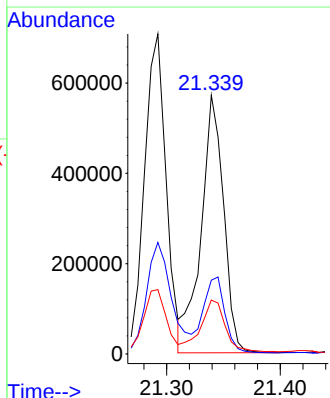
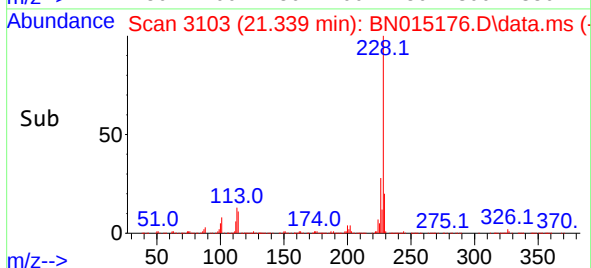
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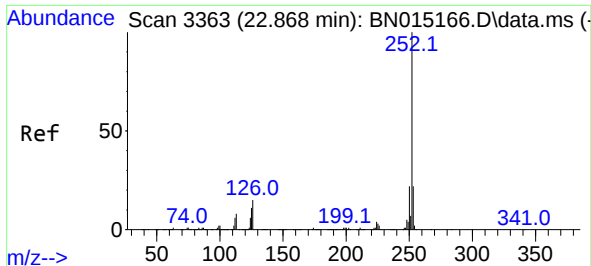


#87
Chrysene
Concen: 16.841 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22

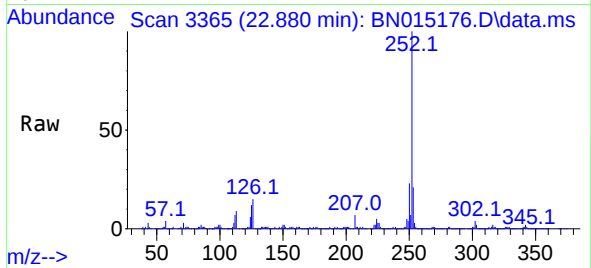


Tgt Ion:228 Resp: 784680
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226 28.5 22.6 33.8
229 20.8 15.5 23.3

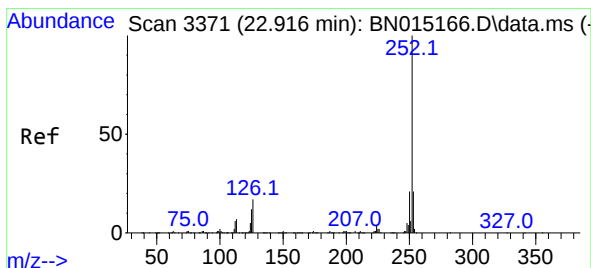
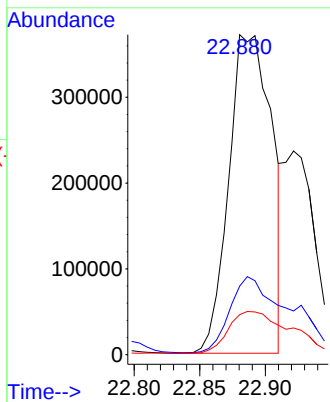
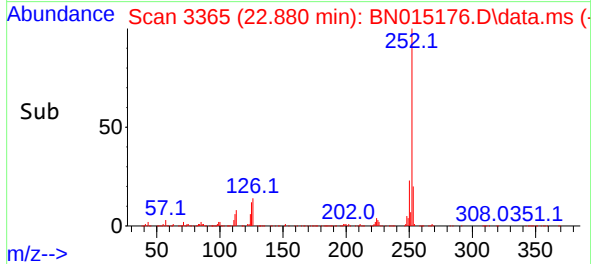




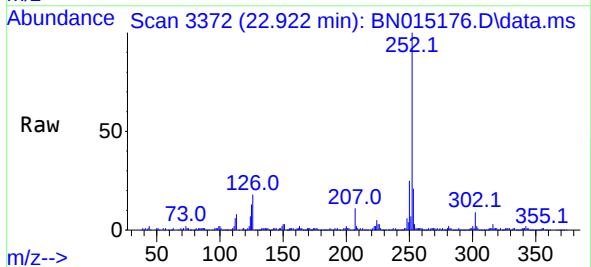
#90
Benzo(b)fluoranthene
Concen: 16.899 ng/u1
RT: 22.880 min Scan# 3365
Delta R.T. 0.012 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22



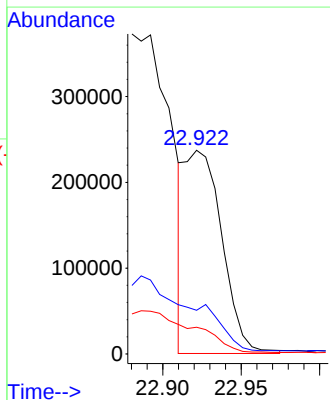
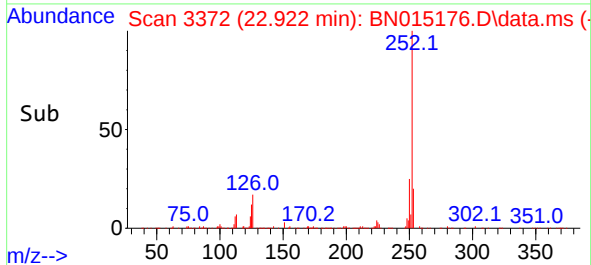
Tgt Ion:252 Resp: 848163
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 12.5 9.4 14.0



#91
Benzo(k)fluoranthene
Concen: 7.636 ng/u1 m
RT: 22.922 min Scan# 3372
Delta R.T. 0.006 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22



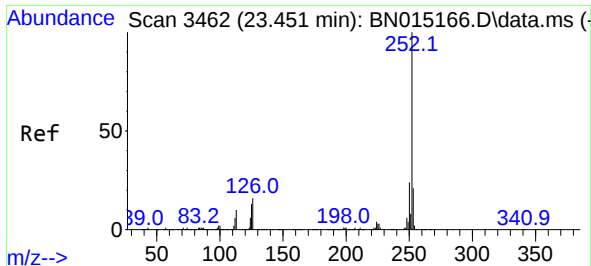
Tgt Ion:252 Resp: 387913
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 13.2 8.8 13.2



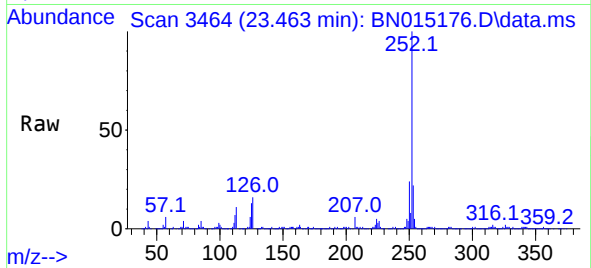
Instrument :
BNA_N
ClientSampleId :
BGDC8DL

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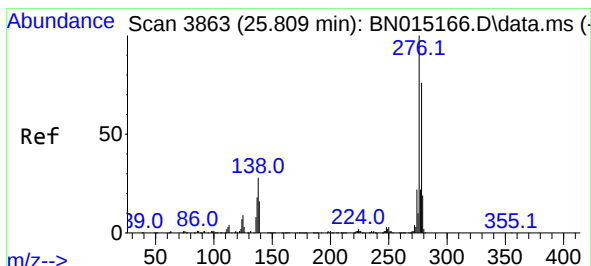
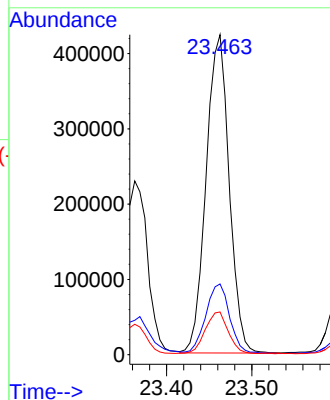
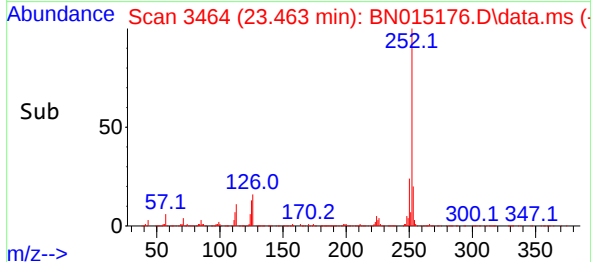
mohammad
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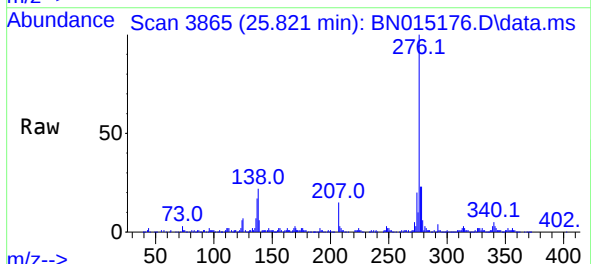
#93
Benzo(a)pyrene
Concen: 17.444 ng/ul
RT: 23.463 min Scan# 3464
Delta R.T. 0.018 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22



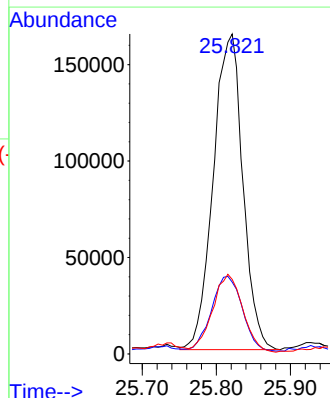
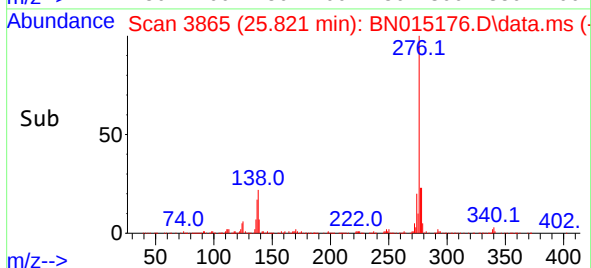
Tgt Ion:252 Resp: 795788
Ion Ratio Lower Upper
252 100
253 22.1 16.4 24.6
125 13.4 9.3 13.9



#94
Indeno(1,2,3-cd)pyrene
Concen: 8.171 ng/ul
RT: 25.821 min Scan# 3865
Delta R.T. 0.018 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22



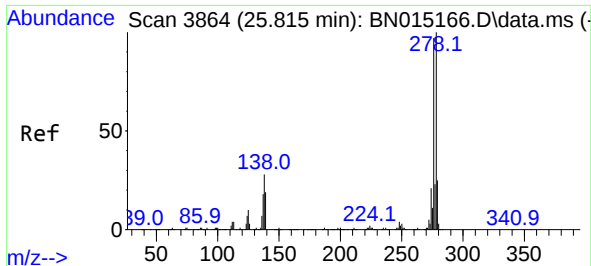
Tgt Ion:276 Resp: 452248
Ion Ratio Lower Upper
276 100
138 22.4 23.0 34.4#
277 23.3 19.5 29.3



Instrument :
BNA_N
ClientSampleId :
BGDC8DL

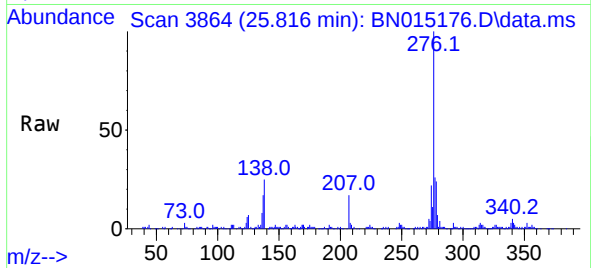
Manual Integrations
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#95
Dibenzo(a,h)anthracene
Concen: 2.761 ng/ul m
RT: 25.816 min Scan# 3864
Delta R.T. -0.006 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22

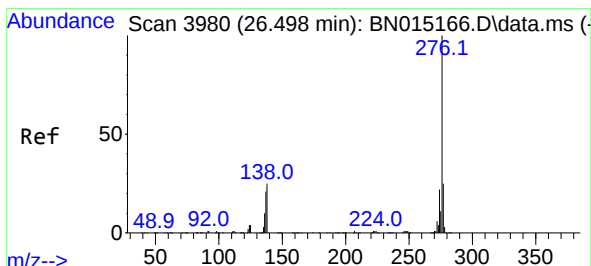
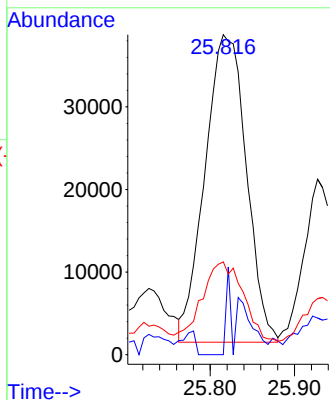
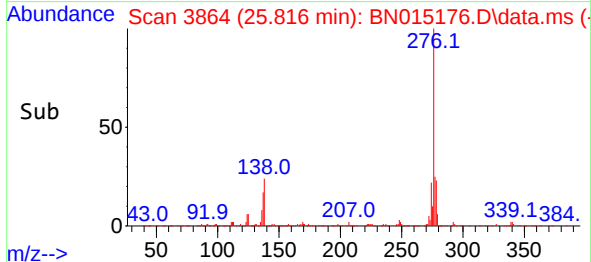
Instrument :
BNA_N
ClientSampled :
BGDC8DL



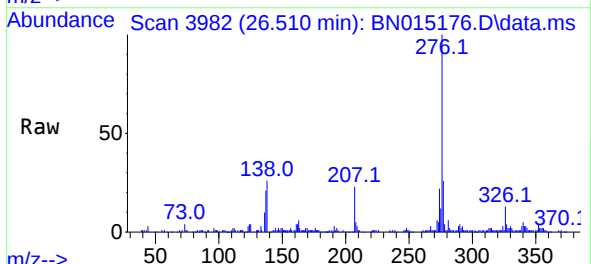
Tgt Ion:278 Resp: 126675
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 29.0 20.2 30.4

Manual Integrations
APPROVED

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#96
Benzo(g,h,i)perylene
Concen: 7.613 ng/ul
RT: 26.510 min Scan# 3982
Delta R.T. 0.012 min
Lab File: BN015176.D
Acq: 28 Jun 2021 15:22



Tgt Ion:276 Resp: 364217
Ion Ratio Lower Upper
276 100
138 26.1 19.4 29.2
277 26.4 18.4 27.6

