

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015109.D
 Acq On : 26 Jun 2021 10:26
 Operator : CG/JU
 Sample : M2680-17DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC1DL

Manual Integrations
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Quant Time: Jun 26 23:59:23 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	198750	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	798229	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	468511	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	946878	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	878425	20.000	ng/u1	0.00
88) Perylene-d12	23.539	264	922700	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	2992	0.586	ng/uL	0.00
4) Pyridine-d5	3.687	84	20930m	1.520	ng/u1	0.01
7) Phenol-d5	6.893	99	47111	2.731	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	30198	2.981	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	37774	2.888	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	35638	2.677	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	16680	3.055	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	13959	2.870	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	31513	2.745	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	40549	2.279	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	106296	3.304	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	130698	3.129	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.345	176	94978	3.393	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.192	188	152723	3.524	ng/u1	0.00
81) Pyrene-d10	19.492	212	172510	3.747	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.392	264	163047	3.579	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.546	128	74790	1.836	ng/u1	99
52) Acenaphthene	14.416	153	140613	5.072	ng/u1	98
61) Fluorene	15.398	166	103119	3.345	ng/u1	99
72) Phenanthrene	17.139	178	833825	16.684	ng/u1	98
74) Anthracene	17.228	178	284425	5.544	ng/u1	99
80) Fluoranthene	19.163	202	1279016	23.013	ng/u1	99
82) Pyrene	19.528	202	1030984	17.797	ng/u1	99
85) Benzo(a)anthracene	21.280	228	753165m	13.862	ng/u1	
87) Chrysene	21.333	228	578181	10.807	ng/u1	98
90) Benzo(b)fluoranthene	22.869	252	719189	12.944	ng/u1	99
91) Benzo(k)fluoranthene	22.904	252	251298m	4.469	ng/u1	
93) Benzo(a)pyrene	23.445	252	576072	11.407	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	25.798	276	314673	5.136	ng/u1	94
95) Dibenzo(a,h)anthracene	25.792	278	84552m	1.665	ng/u1	
96) Benzo(g,h,i)perylene	26.480	276	238082	4.495	ng/u1	97

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

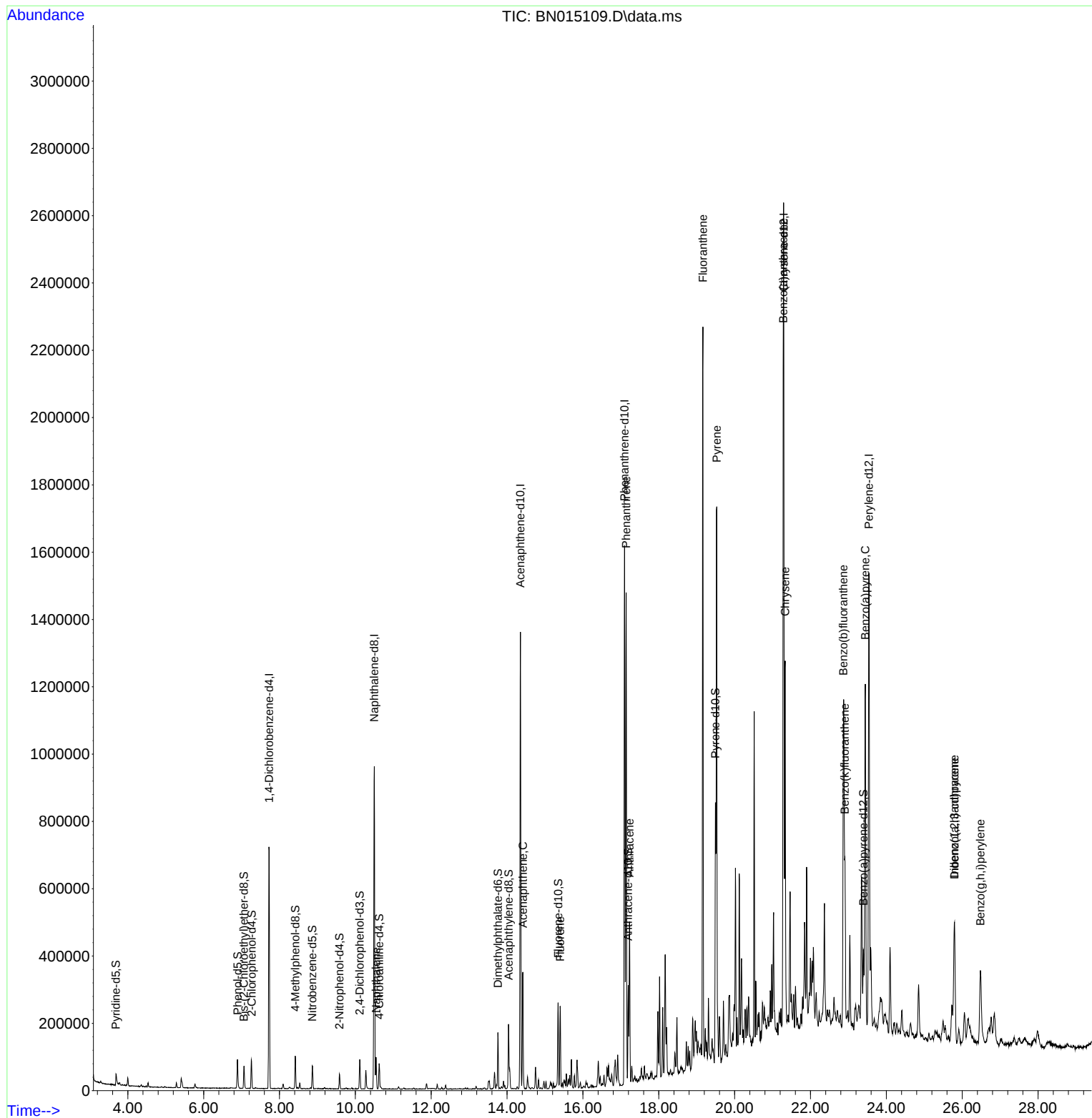
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Data File : BN015109.D
Acq On : 26 Jun 2021 10:26
Operator : CG/JU
Sample : M2680-17DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

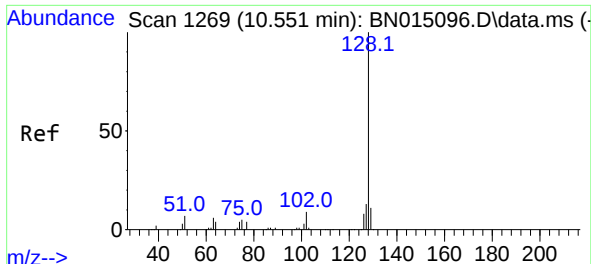
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ClientSampleId :
BGDC1DL

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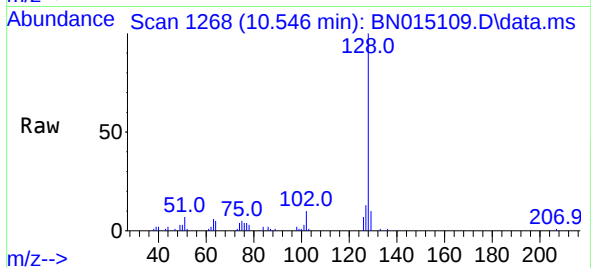
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Quant Time: Jun 26 23:59:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

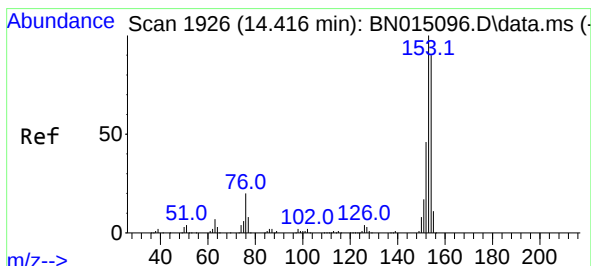
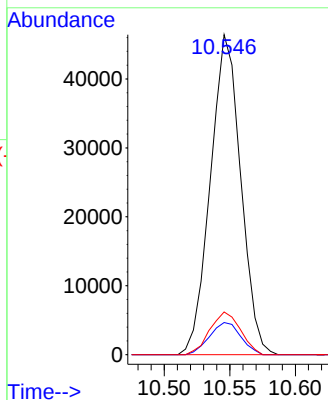
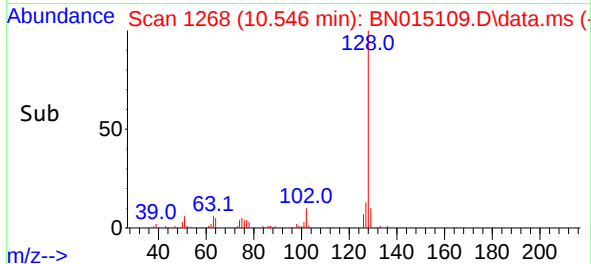




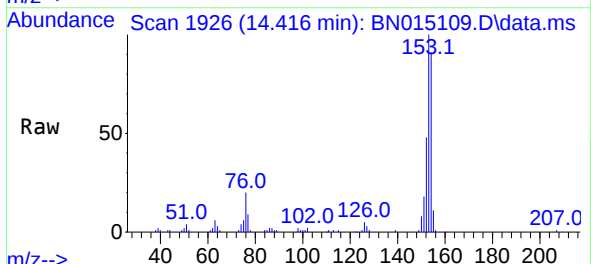
#30
Naphthalene
Concen: 1.836 ng/ul
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BN015109.D
Acq: 26 Jun 2021 10:26



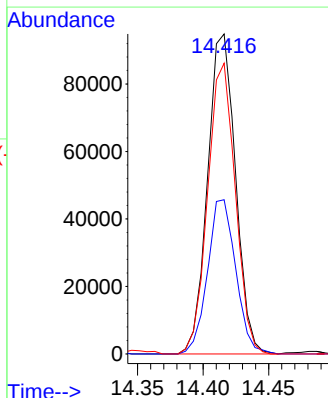
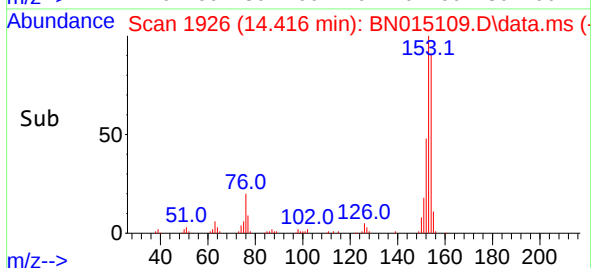
Tgt Ion:128 Resp: 74790
Ion Ratio Lower Upper
128 100
129 10.1 8.6 13.0
127 13.4 10.6 16.0



#52
Acenaphthene
Concen: 5.072 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN015109.D
Acq: 26 Jun 2021 10:26



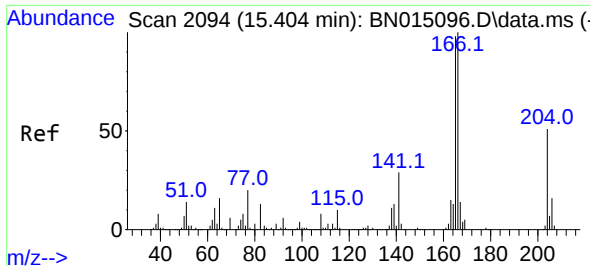
Tgt Ion:153 Resp: 140613
Ion Ratio Lower Upper
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152 48.2 37.6 56.4
154 90.9 71.6 107.4



Instrument :
BNA_N
ClientSampled :
BGDC1DL

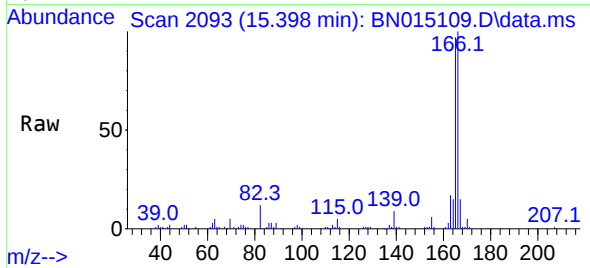
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#61
Fluorene
Concen: 3.345 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BN015109.D
Acq: 26 Jun 2021 10:26

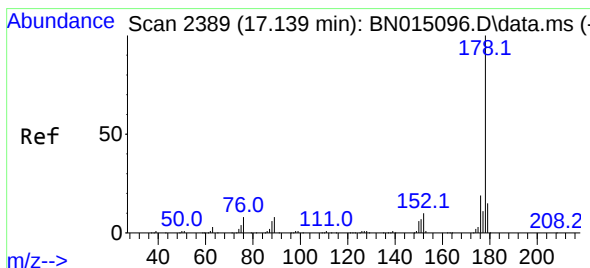
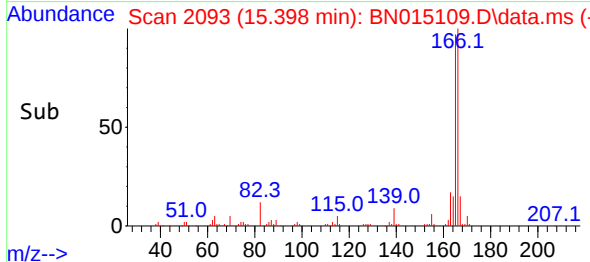
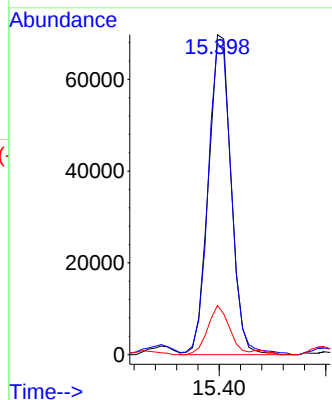
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ClientSampled :
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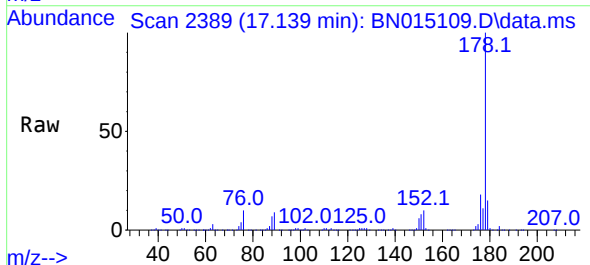
Tgt Ion:166 Resp: 103119
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.4
167 15.4 11.0 16.4

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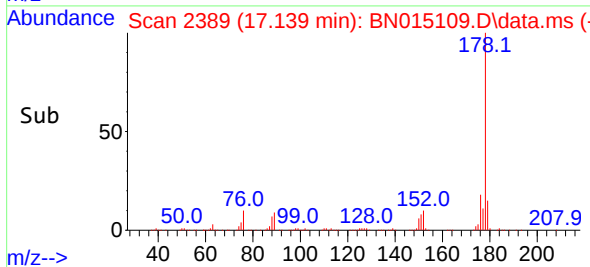
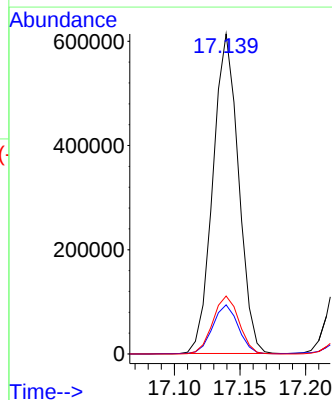
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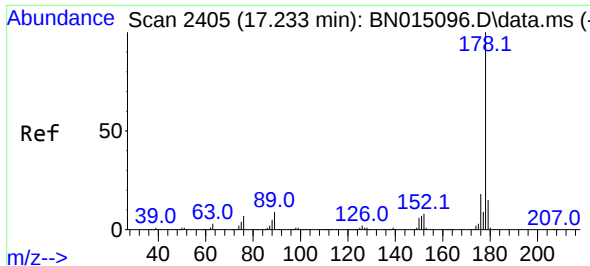


#72
Phenanthrene
Concen: 16.684 ng/ul
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN015109.D
Acq: 26 Jun 2021 10:26



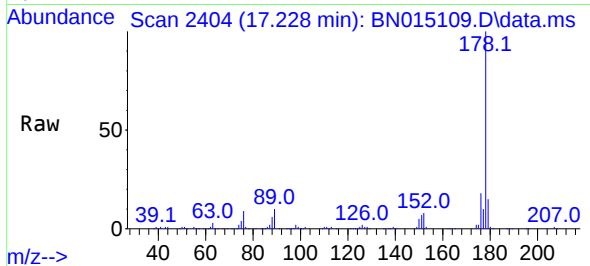
Tgt Ion:178 Resp: 833825
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 18.1 15.4 23.2





#74
 Anthracene
 Concen: 5.544 ng/ul
 RT: 17.228 min Scan# 2404
 Delta R.T. -0.006 min
 Lab File: BN015109.D
 Acq: 26 Jun 2021 10:26

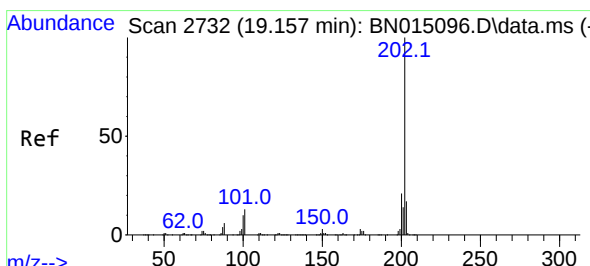
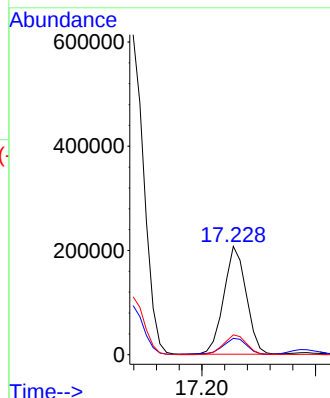
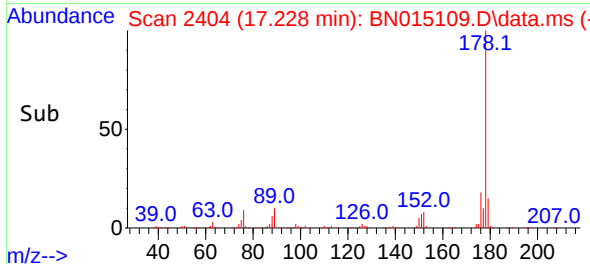
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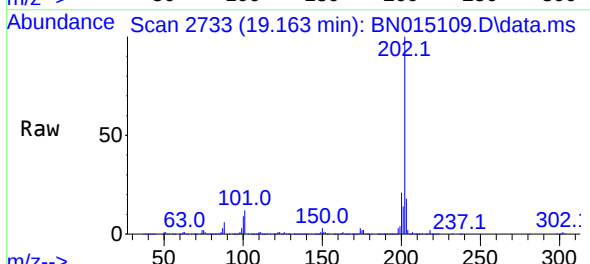
Tgt Ion:178 Resp: 284425
 Ion Ratio Lower Upper
 178 100
 179 15.2 11.6 17.4
 176 18.3 14.6 21.8

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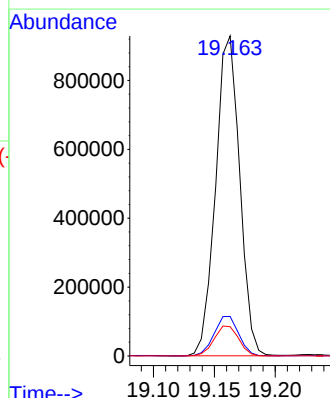
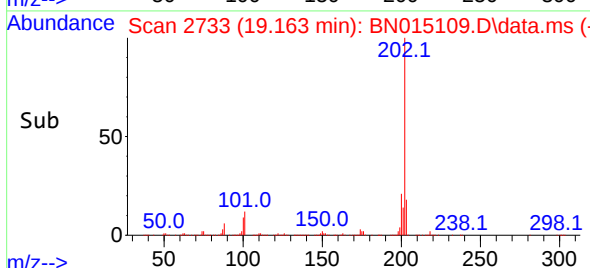
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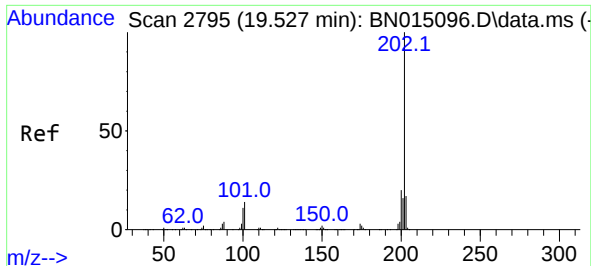


#80
 Fluoranthene
 Concen: 23.013 ng/ul
 RT: 19.163 min Scan# 2733
 Delta R.T. 0.000 min
 Lab File: BN015109.D
 Acq: 26 Jun 2021 10:26



Tgt Ion:202 Resp: 1279016
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.5 14.3
 100 9.1 7.4 11.2





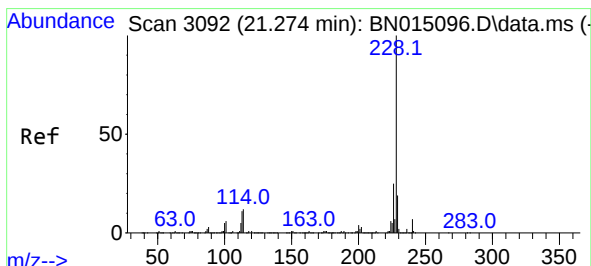
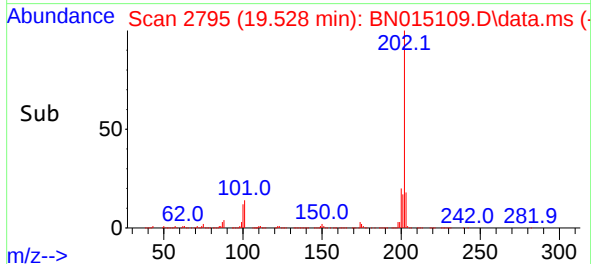
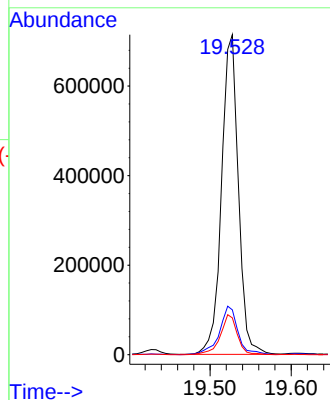
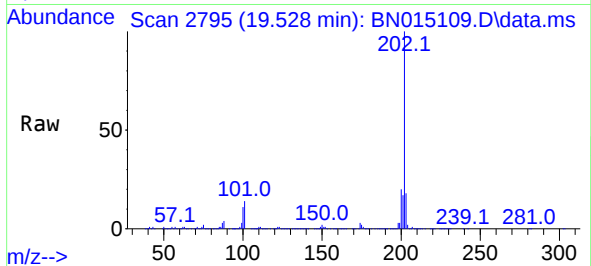
#82
Pyrene
Concen: 17.797 ng/ul
RT: 19.528 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN015109.D
Acq: 26 Jun 2021 10:26

Tgt Ion:202 Resp: 1030984
Ion Ratio Lower Upper
202 100
101 14.0 11.6 17.4
100 11.5 9.2 13.8

Instrument :
BNA_N
ClientSampleId :
BGDC1DL

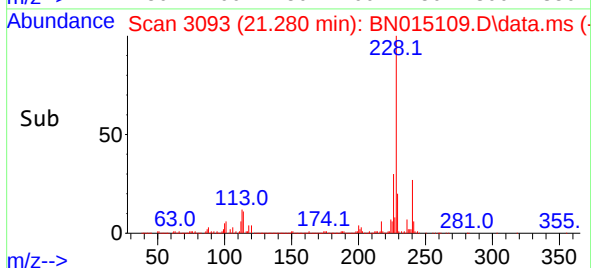
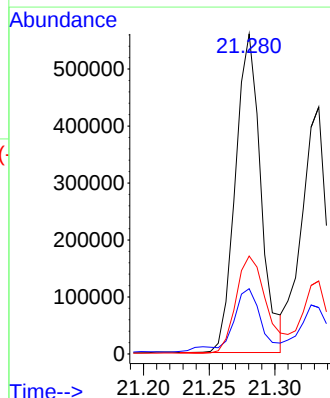
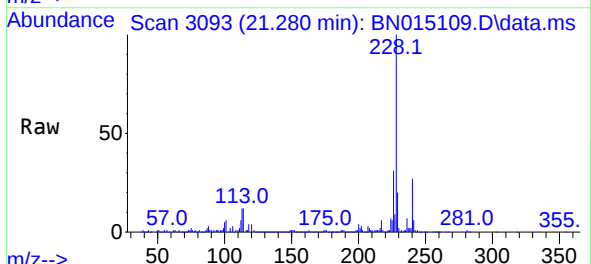
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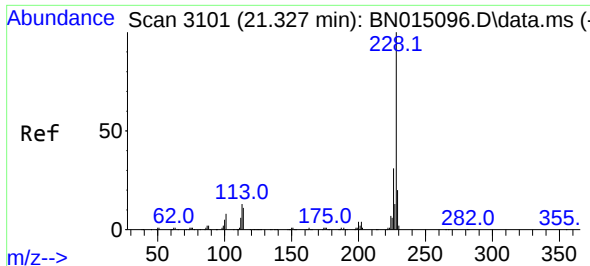
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#85
Benzo(a)anthracene
Concen: 13.862 ng/ul m
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BN015109.D
Acq: 26 Jun 2021 10:26

Tgt Ion:228 Resp: 753165
Ion Ratio Lower Upper
228 100
229 20.4 14.8 22.2
226 30.6 20.2 30.4#





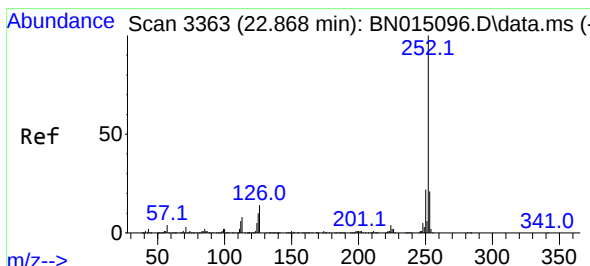
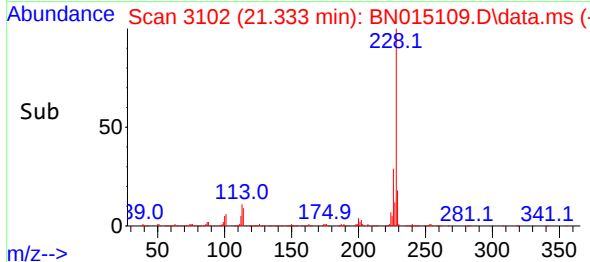
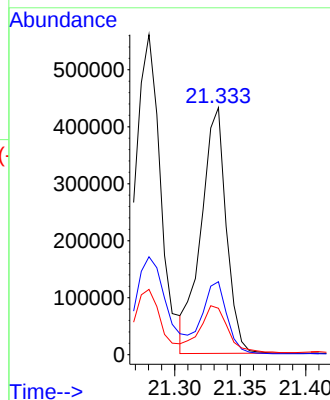
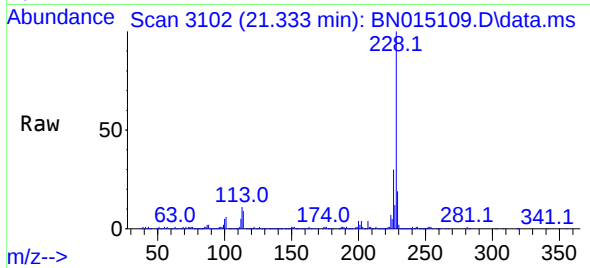
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Chrysene
Concen: 10.807 ng/u1
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN015109.D
Acq: 26 Jun 2021 10:26

Tgt Ion:228 Resp: 578181
Ion Ratio Lower Upper
228 100
226 29.5 22.6 33.8
229 18.8 15.5 23.3

Instrument :
BNA_N
ClientSampled :
BGDC1DL

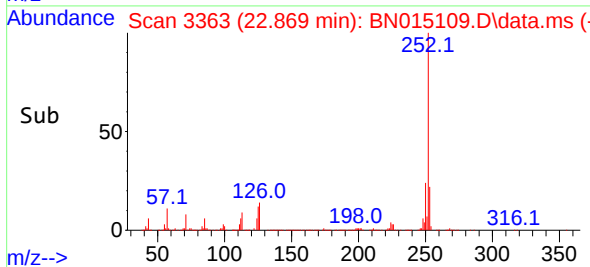
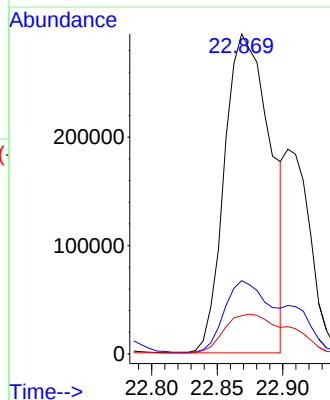
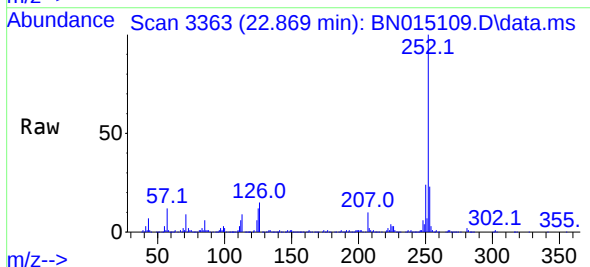
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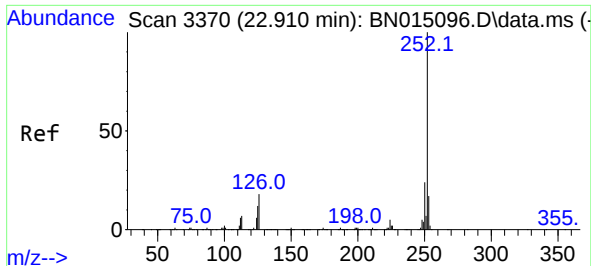
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#90
Benzo(b)fluoranthene
Concen: 12.944 ng/u1
RT: 22.869 min Scan# 3363
Delta R.T. 0.000 min
Lab File: BN015109.D
Acq: 26 Jun 2021 10:26

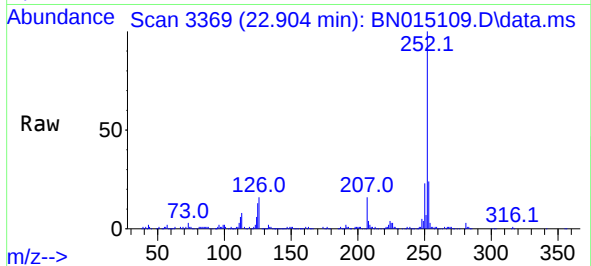
Tgt Ion:252 Resp: 719189
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.9 9.4 14.0





#91
Benzo(k)fluoranthene
Concen: 4.469 ng/ul m
RT: 22.904 min Scan# 3369
Delta R.T. -0.012 min
Lab File: BN015109.D
Acq: 26 Jun 2021 10:26

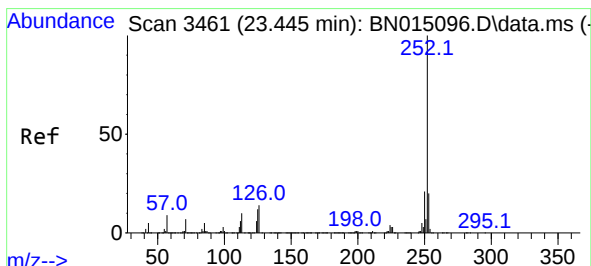
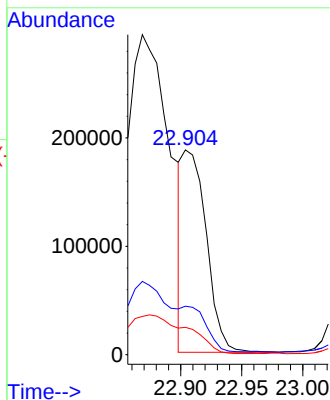
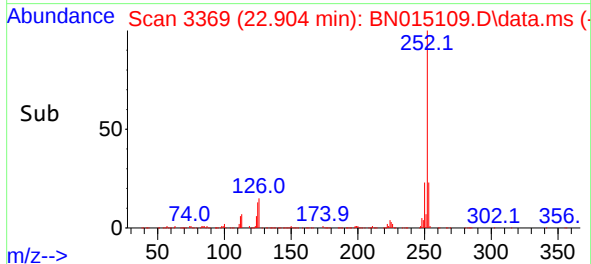
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ClientSampleID :
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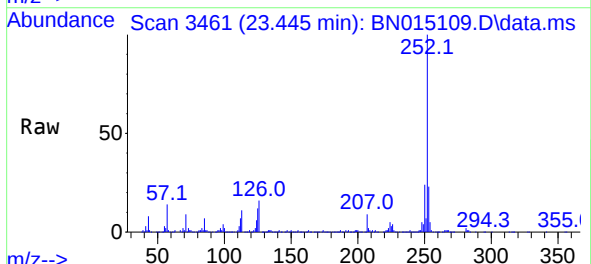
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Ion Ratio Lower Upper
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253 23.7 18.0 27.0
125 13.3 8.8 13.2#

Manual Integrations
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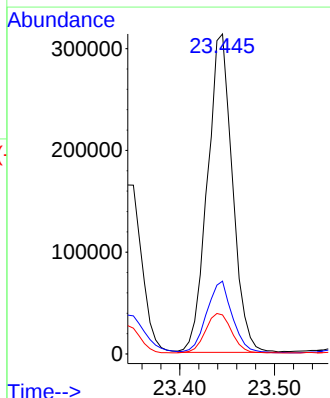
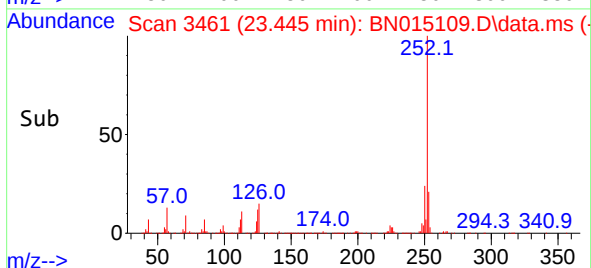
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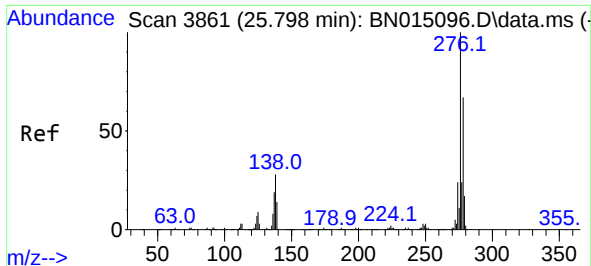


#93
Benzo(a)pyrene
Concen: 11.407 ng/ul
RT: 23.445 min Scan# 3461
Delta R.T. 0.000 min
Lab File: BN015109.D
Acq: 26 Jun 2021 10:26



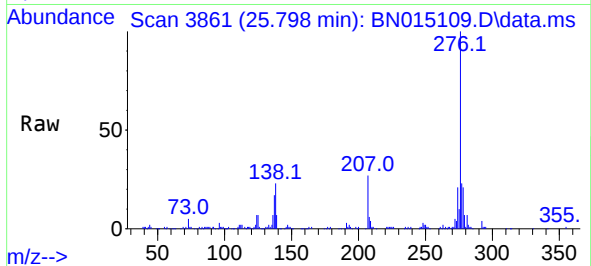
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253 22.8 16.4 24.6
125 12.2 9.3 13.9





#94
Indeno(1,2,3-cd)pyrene
Concen: 5.136 ng/ul
RT: 25.798 min Scan# 3861
Delta R.T. -0.006 min
Lab File: BN015109.D
Acq: 26 Jun 2021 10:26

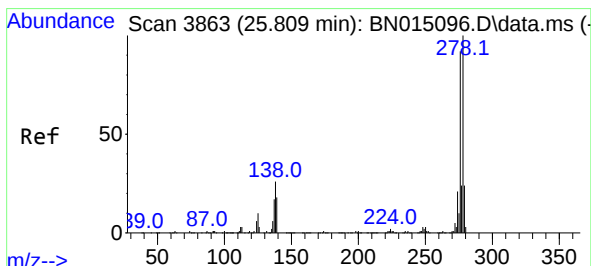
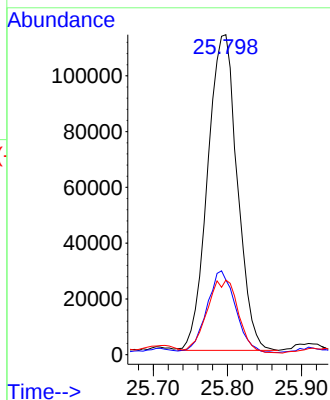
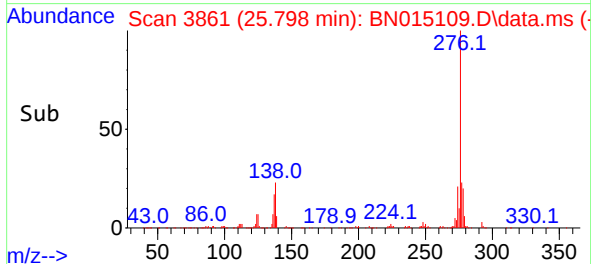
Instrument :
BNA_N
ClientSampleID :
BGDC1DL



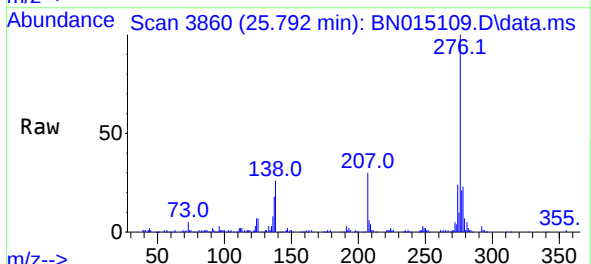
Tgt Ion:276 Resp: 314673
Ion Ratio Lower Upper
276 100
138 23.4 23.0 34.4
277 23.3 19.5 29.3

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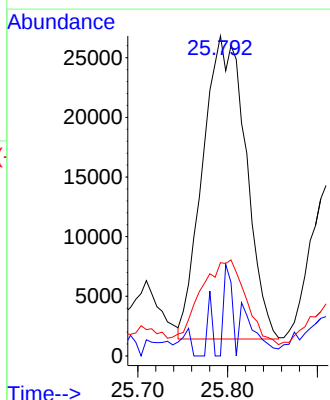
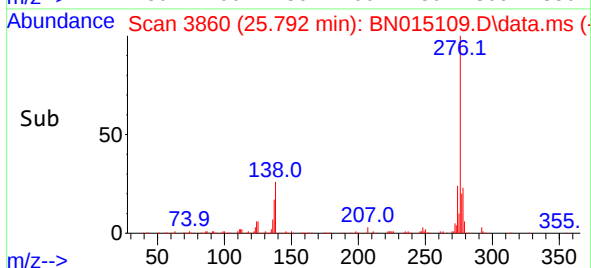
mohammad
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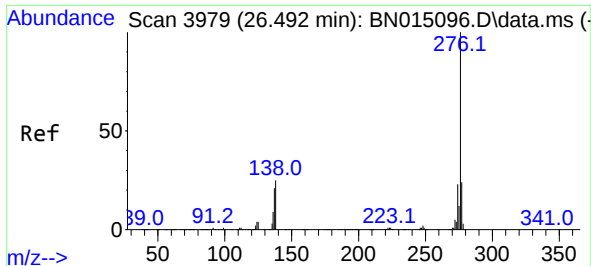


#95
Dibenzo(a,h)anthracene
Concen: 1.665 ng/ul m
RT: 25.792 min Scan# 3860
Delta R.T. -0.029 min
Lab File: BN015109.D
Acq: 26 Jun 2021 10:26

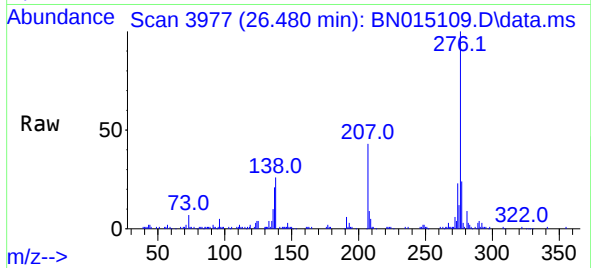


Tgt Ion:278 Resp: 84552
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 29.2 20.2 30.4



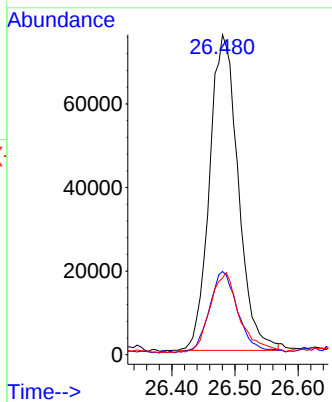
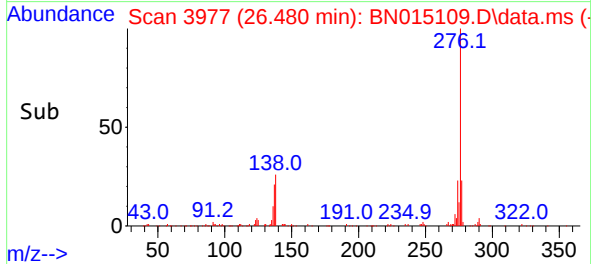


#96
 Benzo(g,h,i)perylene
 Concen: 4.495 ng/ul
 RT: 26.480 min Scan# 3977
 Delta R.T. -0.018 min
 Lab File: BN015109.D
 Acq: 26 Jun 2021 10:26



Tgt Ion: 276 Resp: 238082

Ion	Ratio	Lower	Upper
276	100		
138	26.0	19.4	29.2
277	23.9	18.4	27.6



Instrument :
 BNA_N
 ClientSampleID :
 BGDC1DL

Manual Integrations
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