

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015086.D
 Acq On : 25 Jun 2021 20:07
 Operator : CG/JU
 Sample : M2680-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC6

Manual Integrations
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Quant Time: Jun 25 23:11:49 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	150648	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	610709	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	359602	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	713599	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	672835	20.000	ng/ul	0.00
88) Perylene-d12	23.545	264	710875	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	15518	4.008	ng/uL	0.00
4) Pyridine-d5	3.675	84	138467	13.266	ng/ul	0.00
7) Phenol-d5	6.893	99	290893	22.248	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	173836	22.638	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	240108	24.218	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	226544	22.449	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	109821	26.288	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	106510	28.622	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	213350	24.290	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	222121	16.318	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	661259	26.779	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	847914	26.452	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	75668	17.568	ng/ul	0.00
60) Fluorene-d10	15.345	176	583568	27.165	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	34807	11.810	ng/ul	0.00
73) Anthracene-d10	17.198	188	879093	26.915	ng/ul	0.00
81) Pyrene-d10	19.498	212	938910	26.623	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	955366	27.223	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.416	153	116587	5.479	ng/ul	99
61) Fluorene	15.404	166	85493	3.613	ng/ul	99
72) Phenanthrene	17.139	178	590708	15.684	ng/ul	99
74) Anthracene	17.228	178	190012	4.914	ng/ul	98
80) Fluoranthene	19.163	202	1019076	23.938	ng/ul	98
82) Pyrene	19.527	202	819855	18.477	ng/ul	99
85) Benzo(a)anthracene	21.280	228	455930	10.956	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.227	149	289393	11.426	ng/ul	97
87) Chrysene	21.333	228	418303	10.207	ng/ul	97
90) Benzo(b)fluoranthene	22.874	252	498623	11.648	ng/ul	95
91) Benzo(k)fluoranthene	22.910	252	216107	4.988	ng/ul	95
93) Benzo(a)pyrene	23.445	252	406815	10.456	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.798	276	251729	5.333	ng/ul	96
95) Dibenzo(a,h)anthracene	25.809	278	67112m	1.715	ng/ul	
96) Benzo(g,h,i)perylene	26.492	276	211446	5.182	ng/ul	99

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

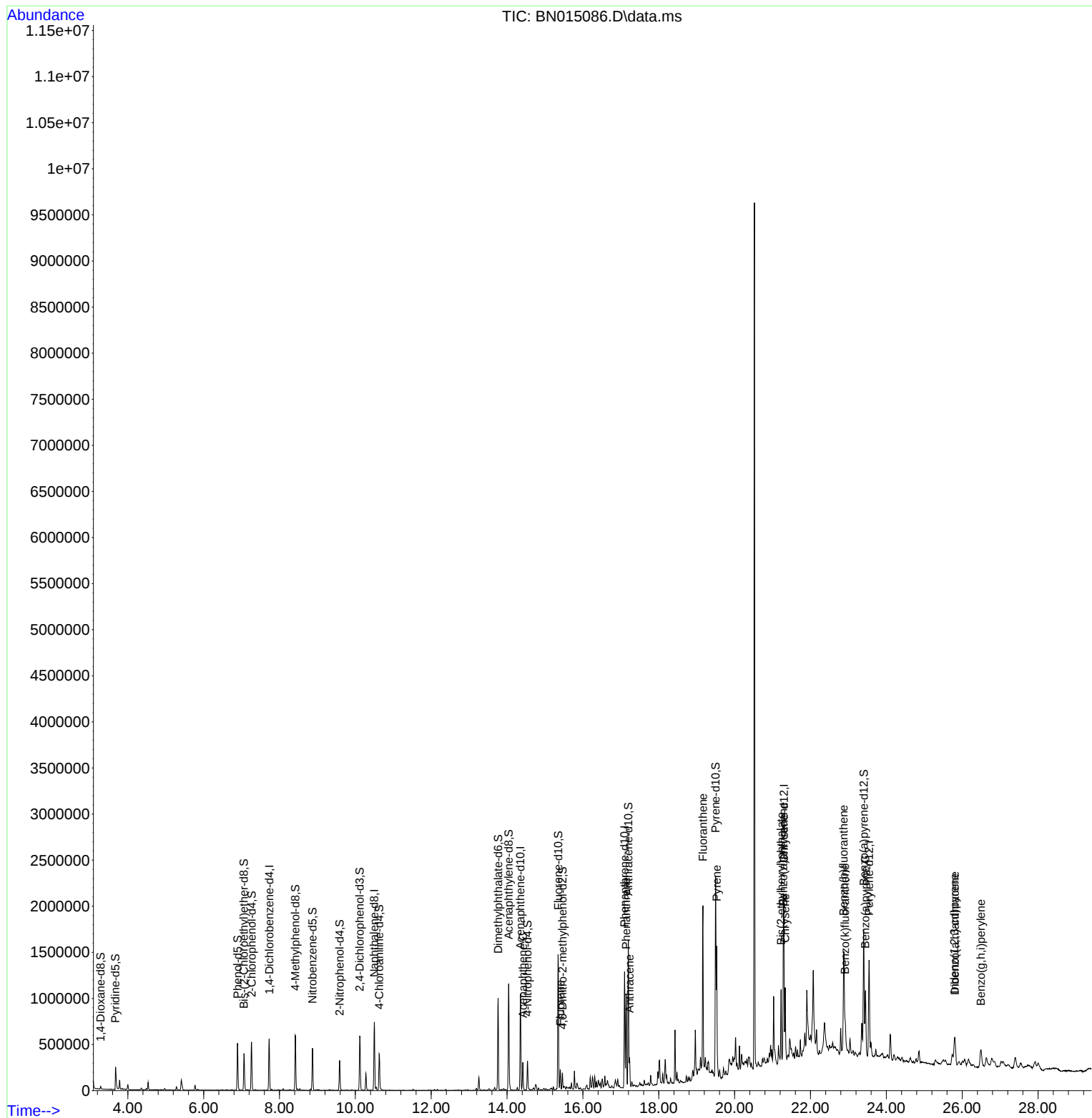
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Data File : BN015086.D
Acq On : 25 Jun 2021 20:07
Operator : CG/JU
Sample : M2680-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

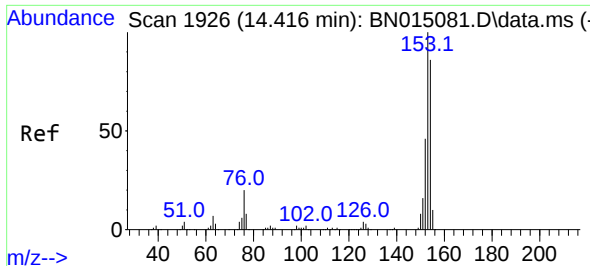
Instrument :
BNA_N
ClientSampleId :
BGDC6

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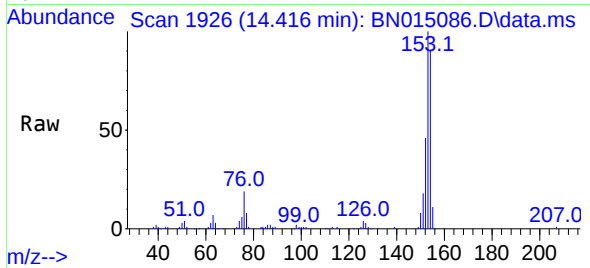
Quant Time: Jun 25 23:11:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration





#52
Acenaphthene
Concen: 5.479 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07

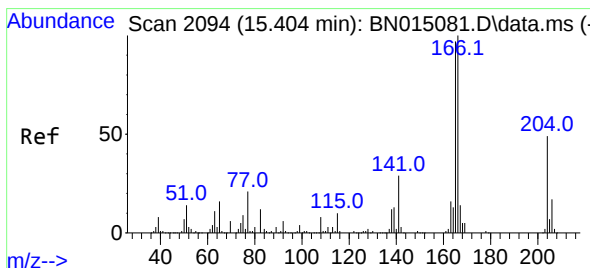
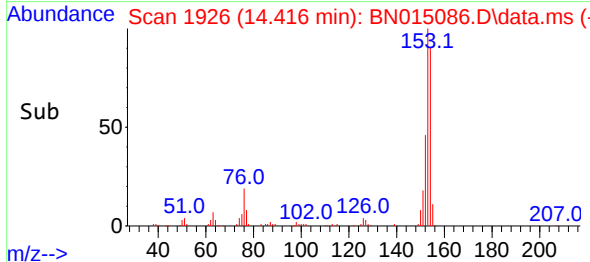
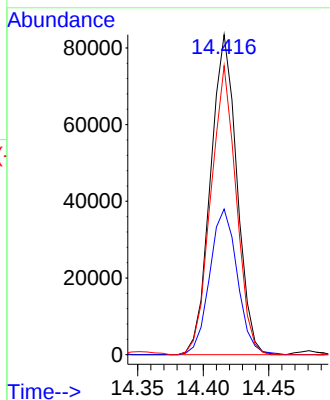
Instrument :
BNA_N
ClientSampled :
BGDC6



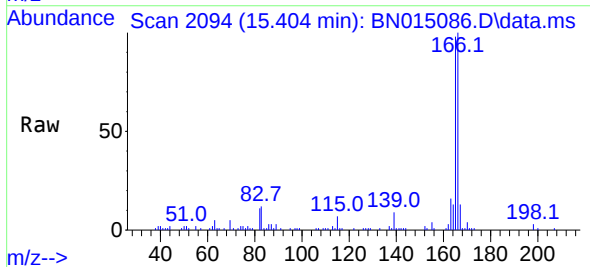
Tgt Ion:153 Resp: 116587
Ion Ratio Lower Upper
153 100
152 45.5 37.6 56.4
154 90.3 71.6 107.4

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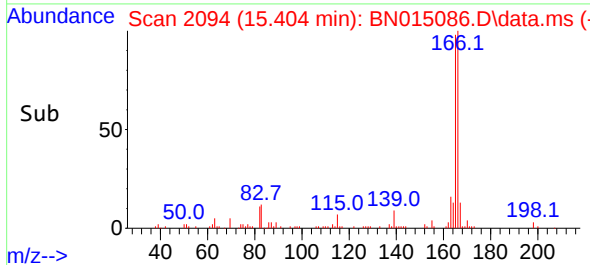
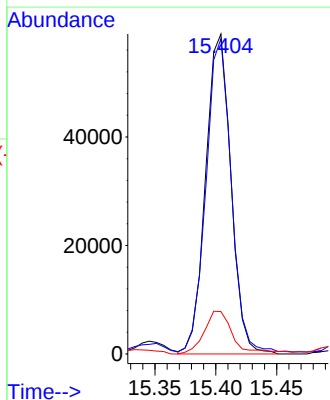
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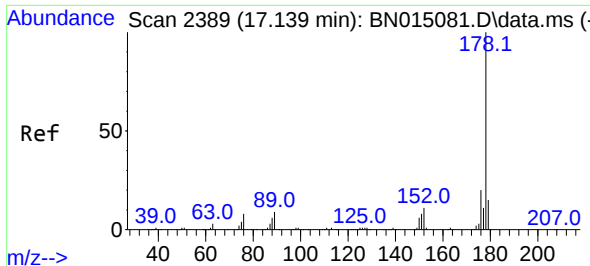


#61
Fluorene
Concen: 3.613 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07



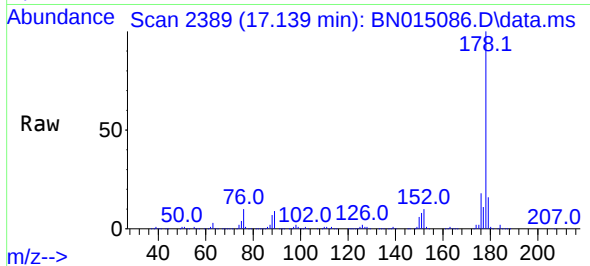
Tgt Ion:166 Resp: 85493
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.4
167 13.3 11.0 16.4





#72
Phenanthrene
Concen: 15.684 ng/ul
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07

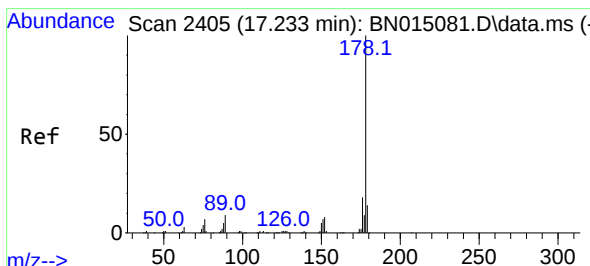
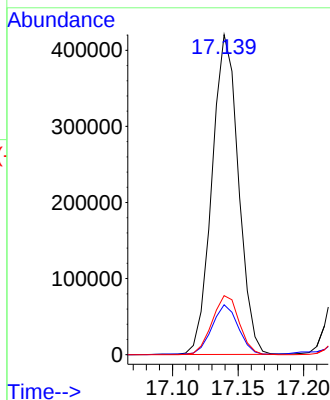
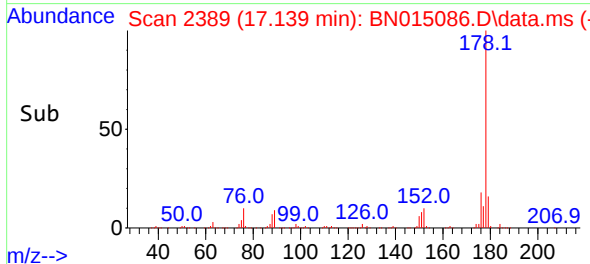
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BNA_N
ClientSampled :
BGDC6



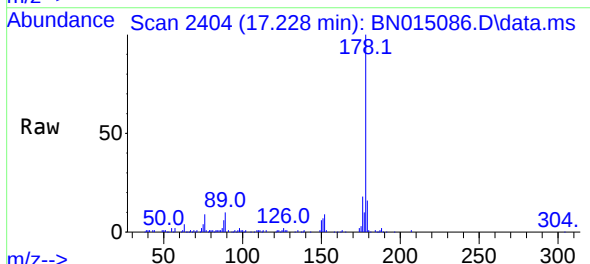
Tgt Ion:178 Resp: 590708
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.4 15.4 23.2

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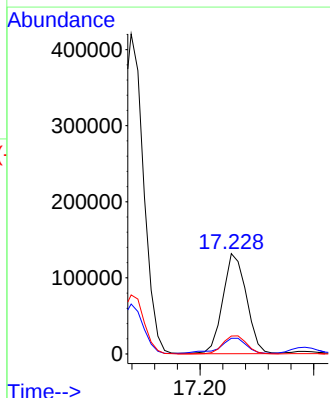
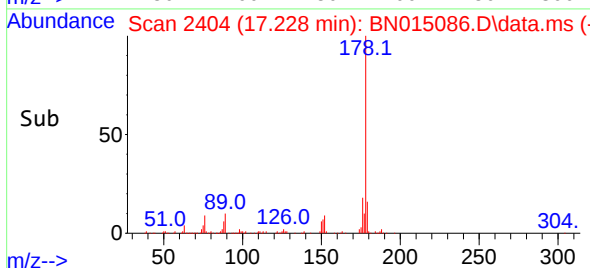
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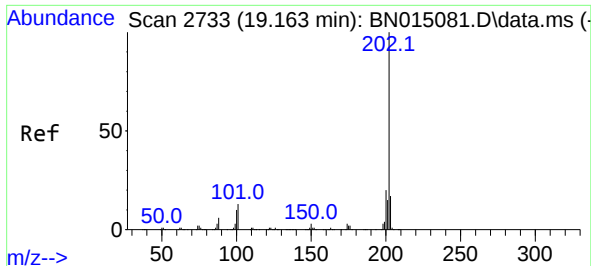


#74
Anthracene
Concen: 4.914 ng/ul
RT: 17.228 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07



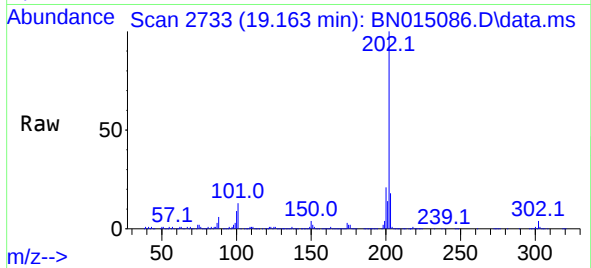
Tgt Ion:178 Resp: 190012
Ion Ratio Lower Upper
178 100
179 15.7 11.6 17.4
176 17.8 14.6 21.8





#80
Fluoranthene
Concen: 23.938 ng/u1
RT: 19.163 min Scan# 2733
Delta R.T. 0.000 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07

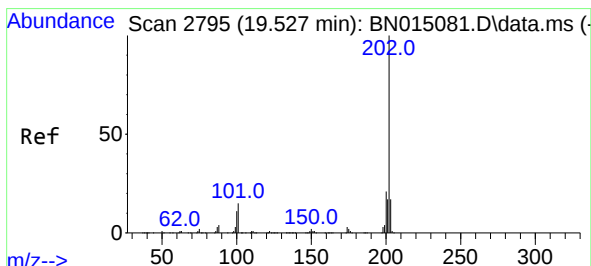
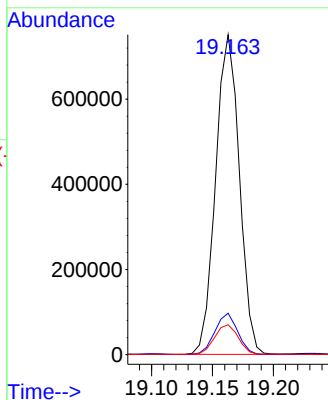
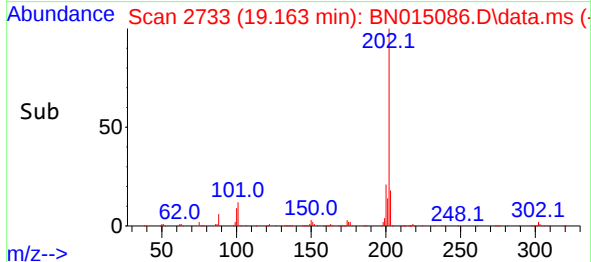
Instrument :
BNA_N
ClientSampled :
BGDC6



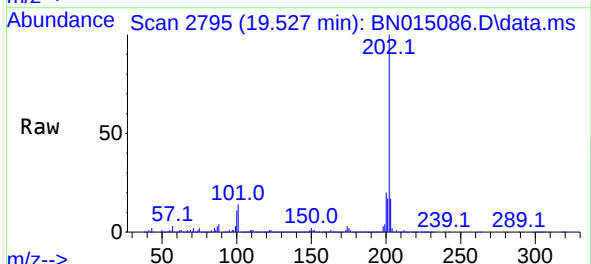
Tgt Ion:202 Resp: 1019076
Ion Ratio Lower Upper
202 100
101 12.9 9.5 14.3
100 9.4 7.4 11.2

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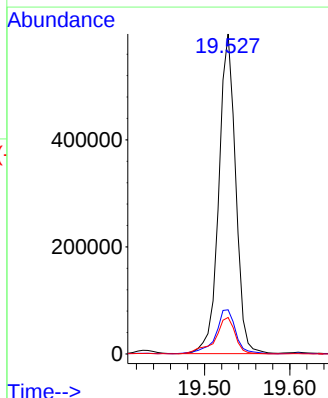
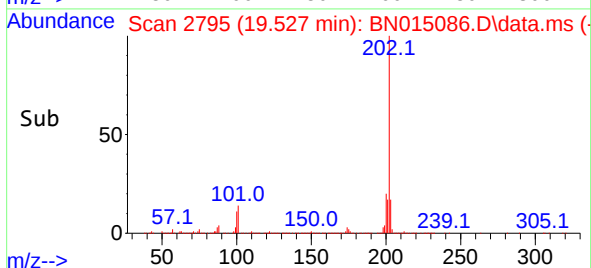
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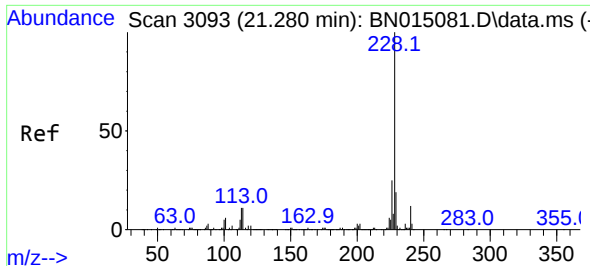


#82
Pyrene
Concen: 18.477 ng/u1
RT: 19.527 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07



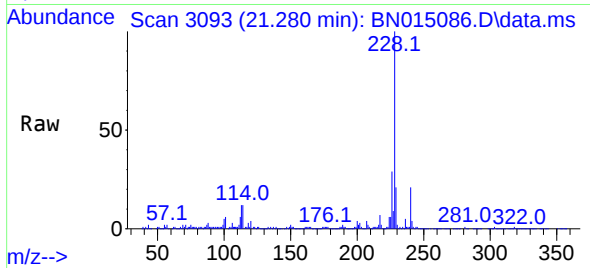
Tgt Ion:202 Resp: 819855
Ion Ratio Lower Upper
202 100
101 13.8 11.6 17.4
100 11.4 9.2 13.8





#85
Benzo(a)anthracene
Concen: 10.956 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07

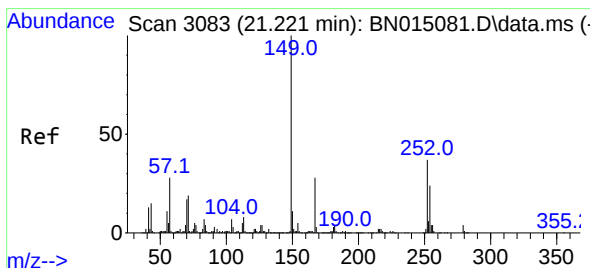
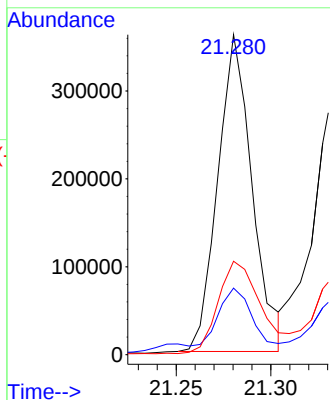
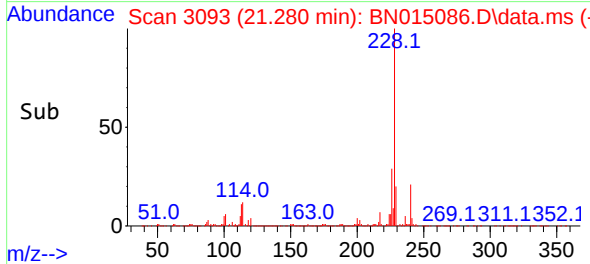
Instrument :
BNA_N
ClientSampled :
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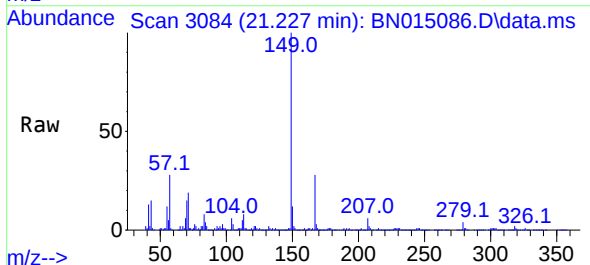
Tgt Ion:228 Resp: 455930
Ion Ratio Lower Upper
228 100
229 20.8 14.8 22.2
226 29.2 20.2 30.4

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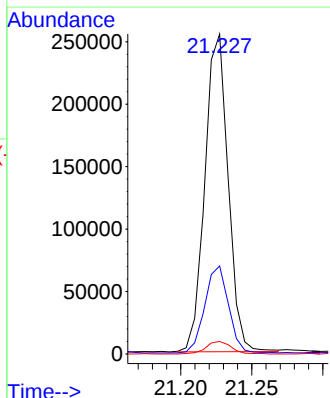
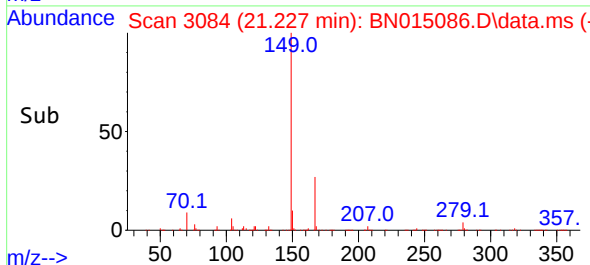
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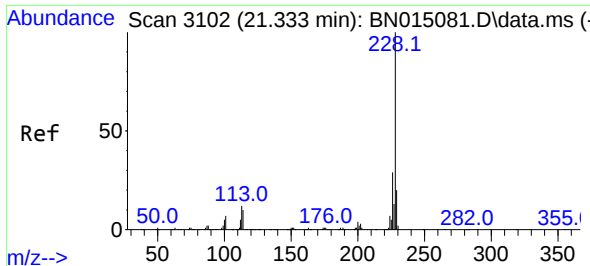


#86
Bis(2-ethylhexyl)phthalate
Concen: 11.426 ng/ul
RT: 21.227 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07



Tgt Ion:149 Resp: 289393
Ion Ratio Lower Upper
149 100
167 27.5 23.4 35.0
279 3.9 3.4 5.2





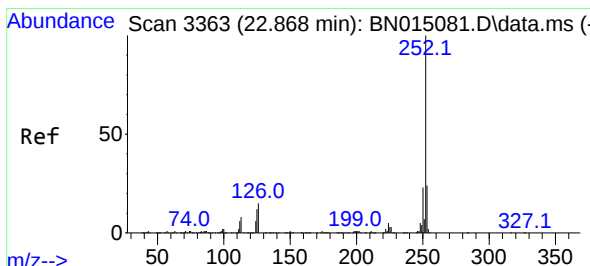
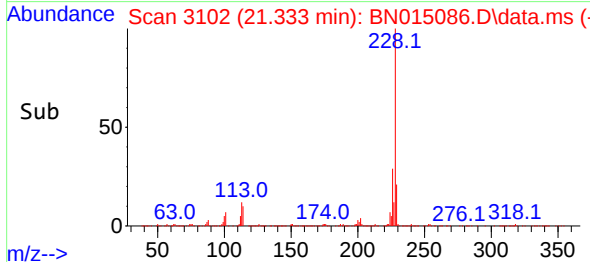
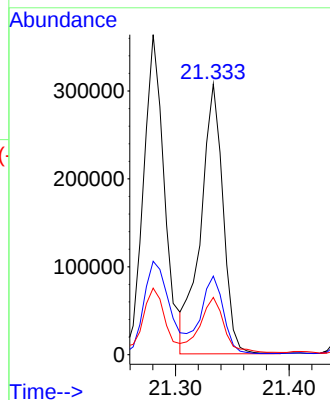
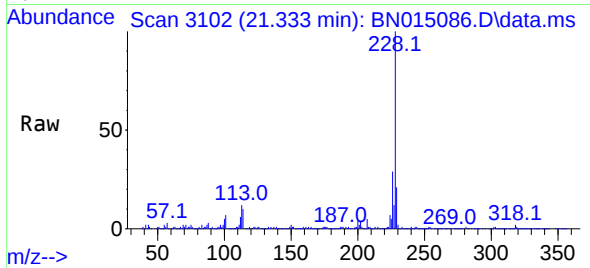
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Chrysene
Concen: 10.207 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07

Tgt Ion:228 Resp: 418303
Ion Ratio Lower Upper
228 100
226 29.1 22.6 33.8
229 21.2 15.5 23.3

Instrument :
BNA_N
ClientSampled :
BGDC6

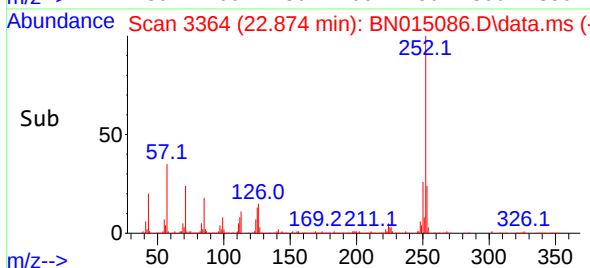
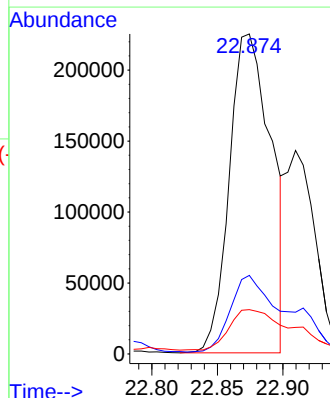
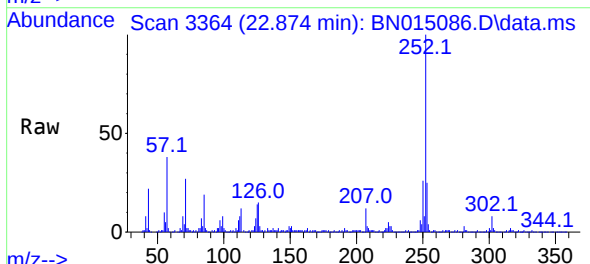
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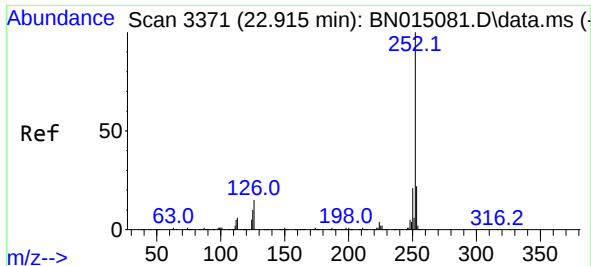
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#90
Benzo(b)fluoranthene
Concen: 11.648 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. 0.006 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07

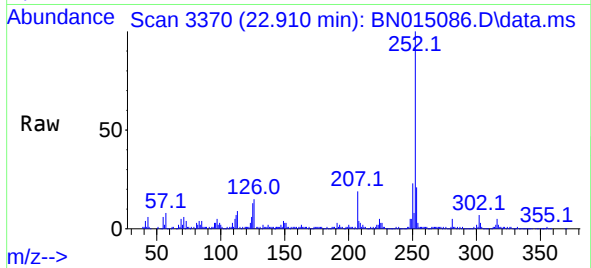
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Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.8
125 13.8 9.4 14.0





#91
Benzo(k)fluoranthene
Concen: 4.988 ng/u1
RT: 22.910 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07

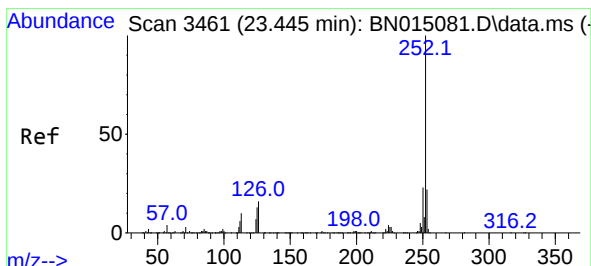
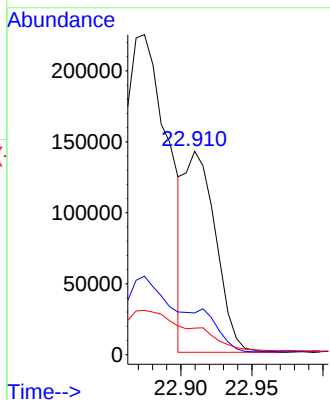
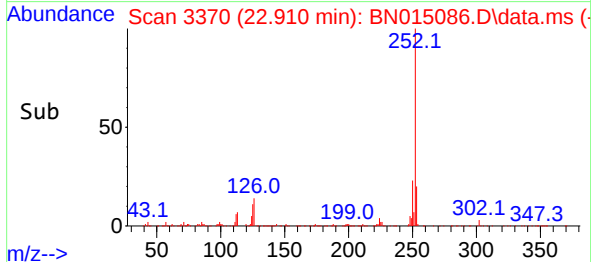
Instrument :
BNA_N
ClientSampled :
BGDC6



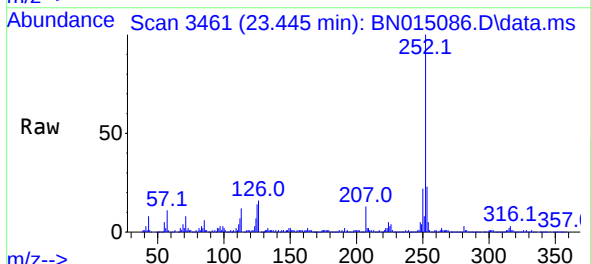
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Ion Ratio Lower Upper
252 100
253 20.5 18.0 27.0
125 13.0 8.8 13.2

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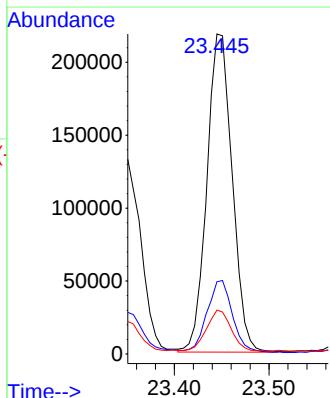
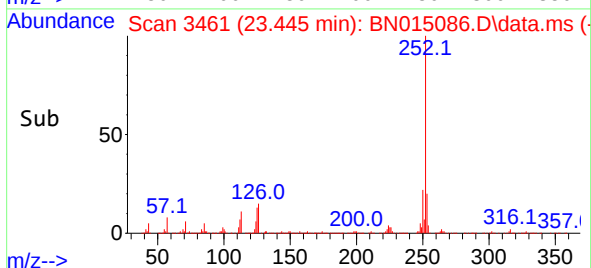
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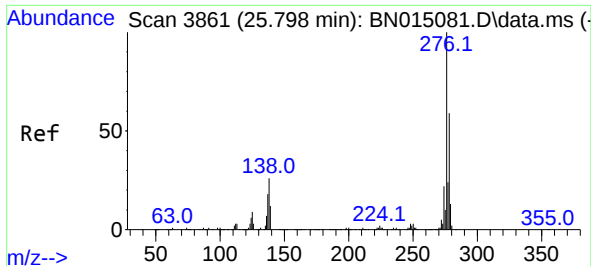


#93
Benzo(a)pyrene
Concen: 10.456 ng/u1
RT: 23.445 min Scan# 3461
Delta R.T. 0.000 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07



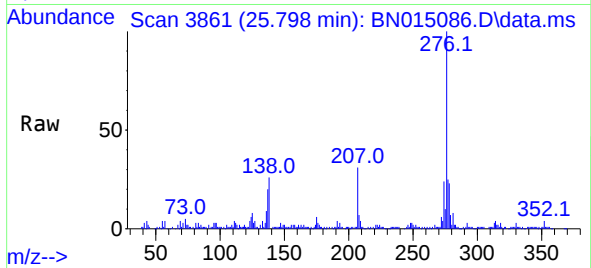
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Ion Ratio Lower Upper
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253 22.5 16.4 24.6
125 13.7 9.3 13.9





#94
Indeno(1,2,3-cd)pyrene
Concen: 5.333 ng/ul
RT: 25.798 min Scan# 3861
Delta R.T. -0.006 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07

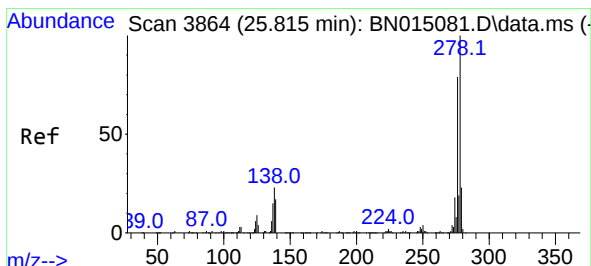
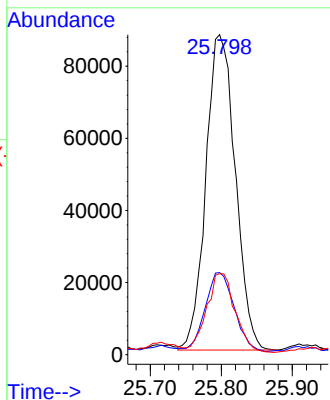
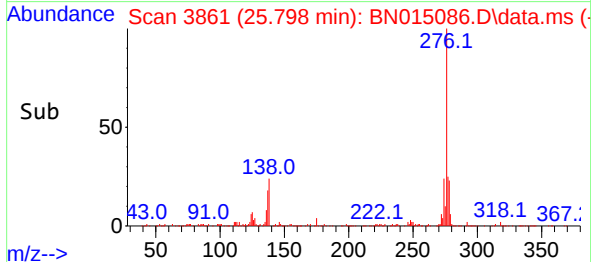
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ClientSampled :
BGDC6



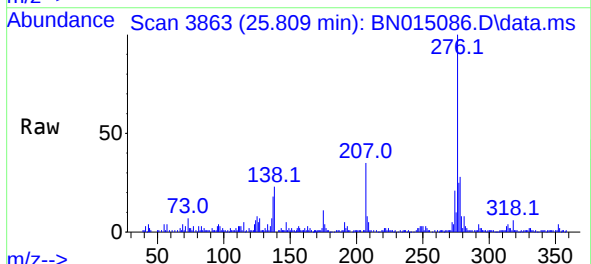
Tgt Ion:276 Resp: 251729
Ion Ratio Lower Upper
276 100
138 25.6 23.0 34.4
277 25.3 19.5 29.3

Manual Integrations
APPROVED

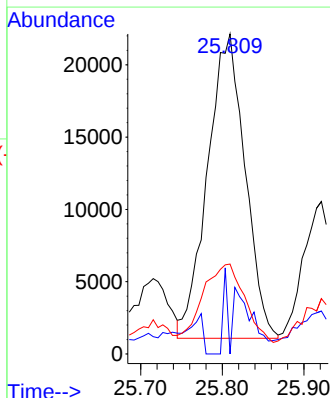
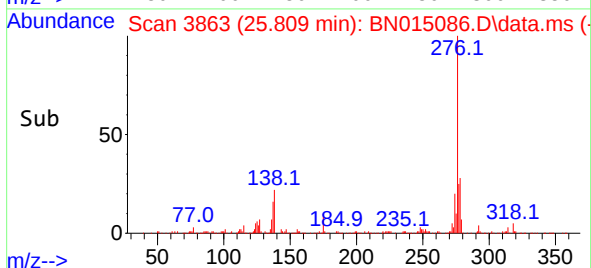
mohammad
6/28/2021 1:25:18 PM

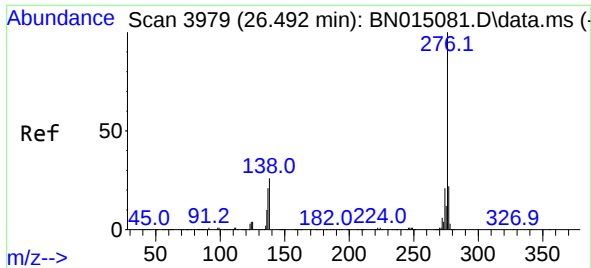


#95
Dibenzo(a,h)anthracene
Concen: 1.715 ng/ul m
RT: 25.809 min Scan# 3863
Delta R.T. -0.012 min
Lab File: BN015086.D
Acq: 25 Jun 2021 20:07



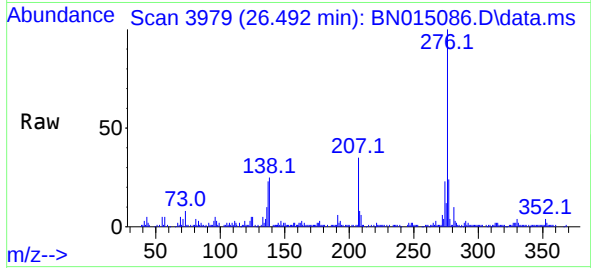
Tgt Ion:278 Resp: 67112
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 28.1 20.2 30.4





#96
 Benzo(g,h,i)perylene
 Concen: 5.182 ng/ul
 RT: 26.492 min Scan# 3979
 Delta R.T. -0.006 min
 Lab File: BN015086.D
 Acq: 25 Jun 2021 20:07

Instrument :
 BNA_N
 ClientSampleId :
 BGDC6



Tgt Ion:	276	Resp:	211446
Ion Ratio	Lower	Upper	
276	100		
138	24.7	19.4	29.2
277	24.1	18.4	27.6

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:25:18 PM

