

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015076.D
 Acq On : 25 Jun 2021 14:07
 Operator : CG/JU
 Sample : M2682-02DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDF3DL

Manual Integrations
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Quant Time: Jun 25 14:43:23 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	7.728	152	174739	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	720072	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	426044	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	856678	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	821455	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	858700	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	764	0.170	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.893	99	11286	0.744	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	7453	0.837	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	9112	0.792	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	9242	0.790	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	3909	0.794	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	3266	0.744	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	8237	0.795	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	10722	0.668	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	32133	1.098	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	38526	1.014	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	2488	0.488	ng/u1	0.00
60) Fluorene-d10	15.345	176	31102	1.222	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	473	0.134	ng/u1	0.00
73) Anthracene-d10	17.198	188	52153	1.330	ng/u1	0.00
81) Pyrene-d10	19.498	212	45623	1.060	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.398	264	31457	0.742	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.069	152	67904	1.895	ng/u1	97
56) Dibenzofuran	14.751	168	57943	1.636	ng/u1	97
61) Fluorene	15.398	166	86183	3.074	ng/u1	99
72) Phenanthrene	17.139	178	994305	21.990	ng/u1	99
74) Anthracene	17.233	178	630728	13.588	ng/u1	99
80) Fluoranthene	19.163	202	2136578	41.108	ng/u1	98
82) Pyrene	19.527	202	1208290	22.305	ng/u1	98
85) Benzo(a)anthracene	21.280	228	835402	16.442	ng/u1#	91
87) Chrysene	21.333	228	683751m	13.666	ng/u1	
90) Benzo(b)fluoranthene	22.874	252	773707	14.963	ng/u1	97
91) Benzo(k)fluoranthene	22.915	252	270214m	5.163	ng/u1	
93) Benzo(a)pyrene	23.445	252	282223	6.005	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	25.798	276	199362	3.496	ng/u1	96
95) Dibenzo(a,h)anthracene	25.804	278	87127m	1.843	ng/u1	

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

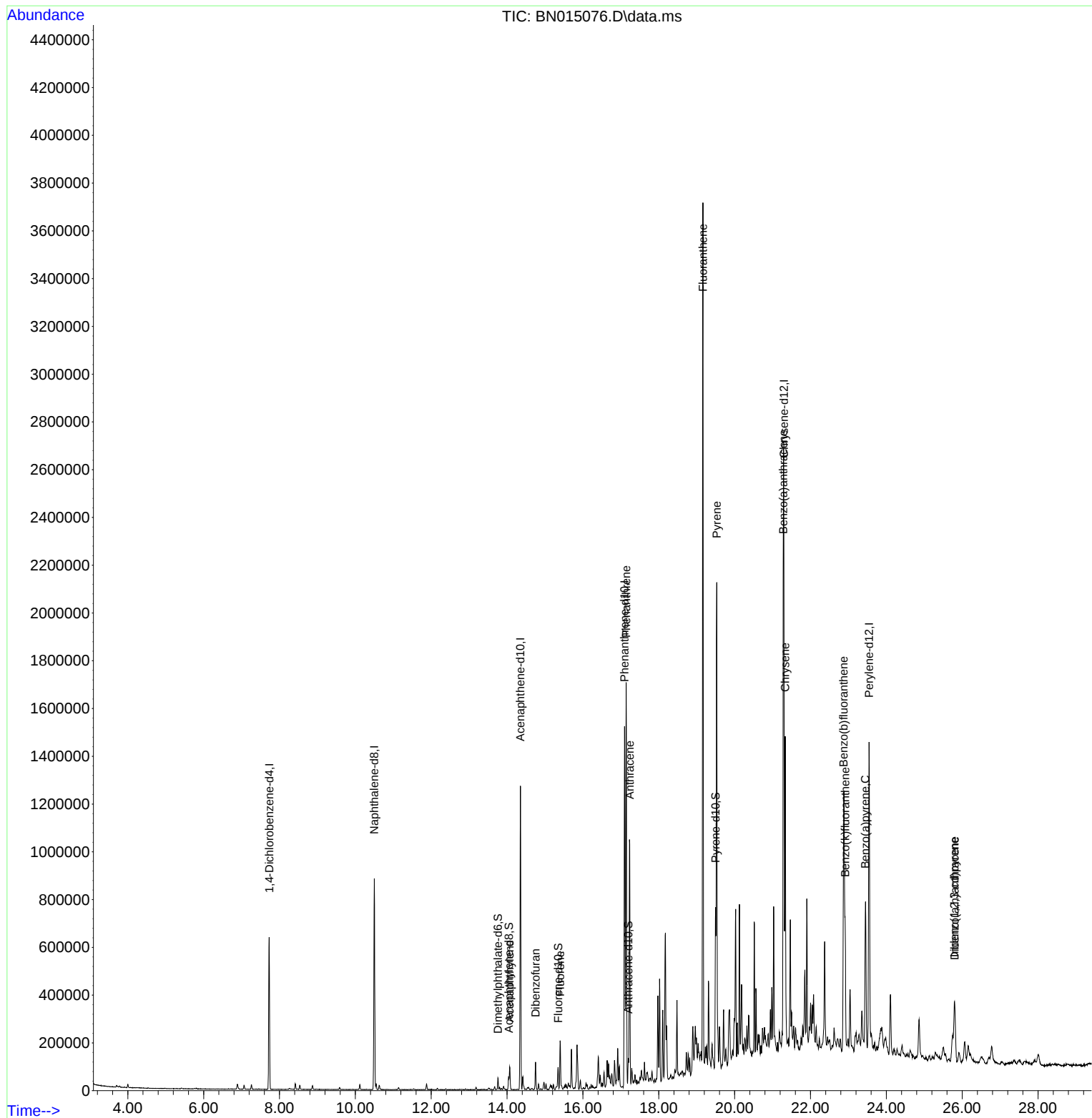
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Data File : BN015076.D
Acq On : 25 Jun 2021 14:07
Operator : CG/JU
Sample : M2682-02DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

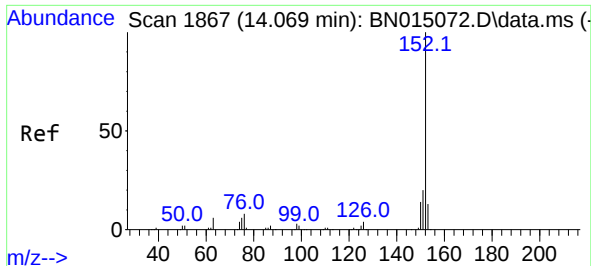
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BNA_N
ClientSampleId :
BGDF3DL

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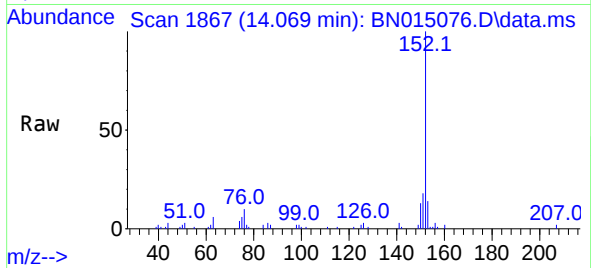
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.895 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BN015076.D
Acq: 25 Jun 2021 14:07

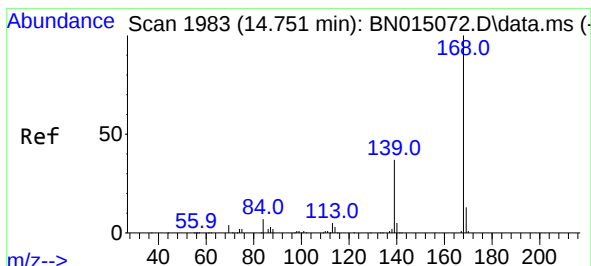
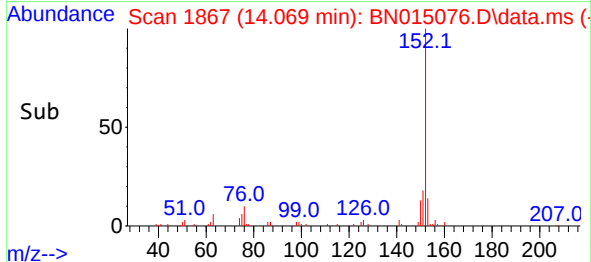
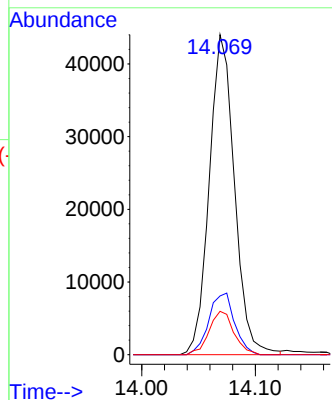
Instrument :
BNA_N
ClientSampleId :
BGDF3DL



Tgt Ion:152 Resp: 67904
Ion Ratio Lower Upper
152 100
151 18.3 15.9 23.9
153 13.6 10.0 15.0

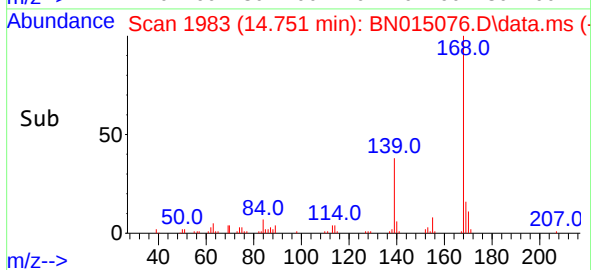
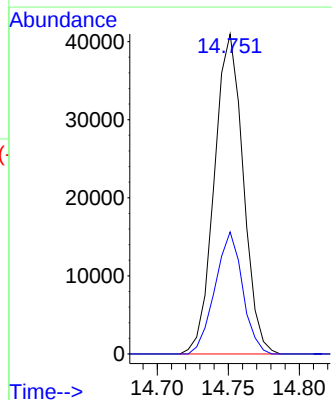
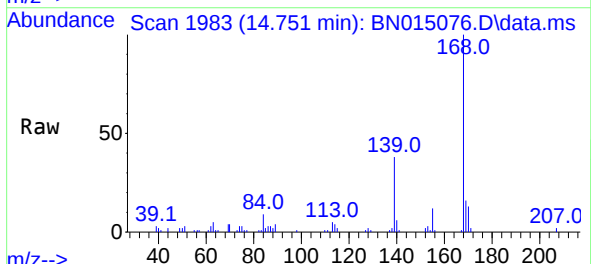
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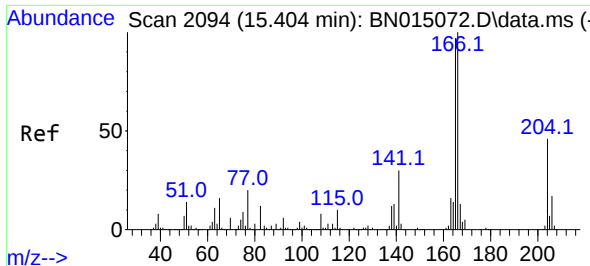
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#56
Dibenzofuran
Concen: 1.636 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015076.D
Acq: 25 Jun 2021 14:07

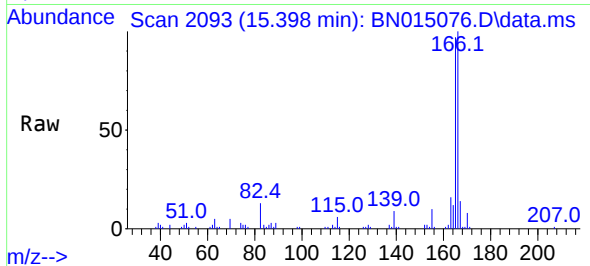
Tgt Ion:168 Resp: 57943
Ion Ratio Lower Upper
168 100
139 38.2 29.0 43.4





#61
Fluorene
Concen: 3.074 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BN015076.D
Acq: 25 Jun 2021 14:07

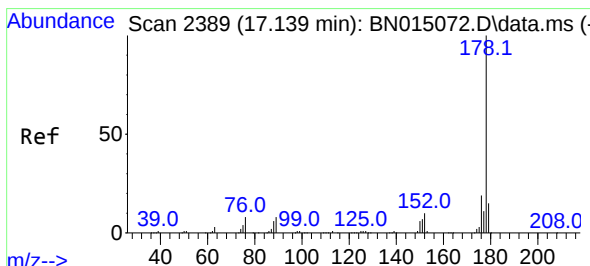
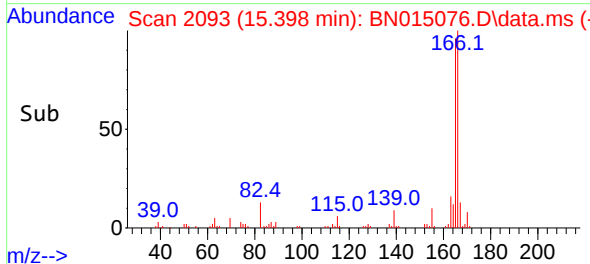
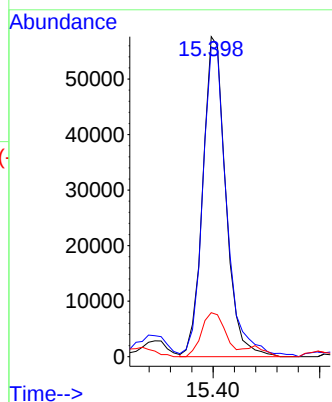
Instrument :
BNA_N
ClientSampleId :
BGDF3DL



Tgt Ion:166 Resp: 86183
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.4
167 13.8 11.0 16.4

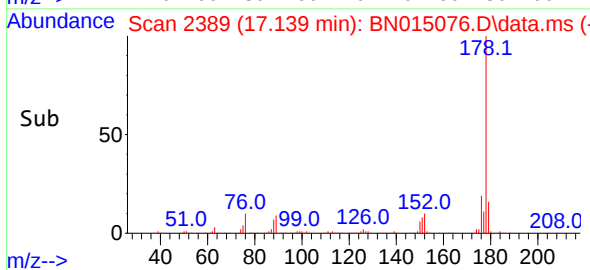
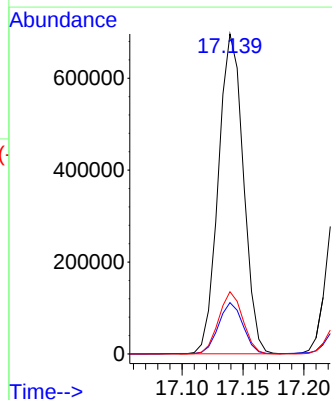
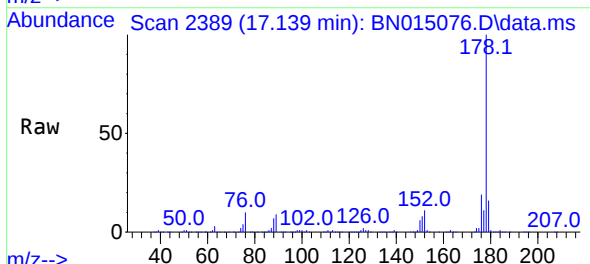
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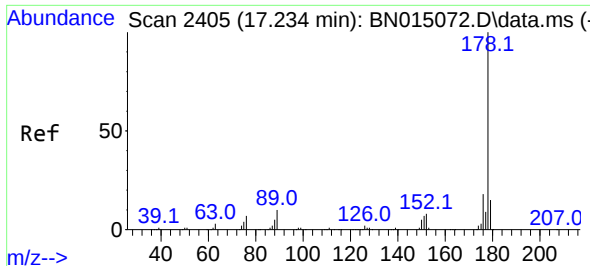
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#72
Phenanthrene
Concen: 21.990 ng/ul
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN015076.D
Acq: 25 Jun 2021 14:07

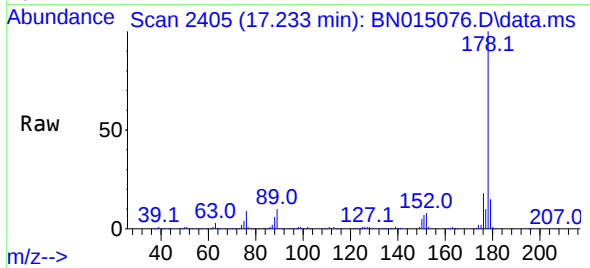
Tgt Ion:178 Resp: 994305
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.2
176 19.5 15.4 23.2





#74
 Anthracene
 Concen: 13.588 ng/ul
 RT: 17.233 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: BN015076.D
 Acq: 25 Jun 2021 14:07

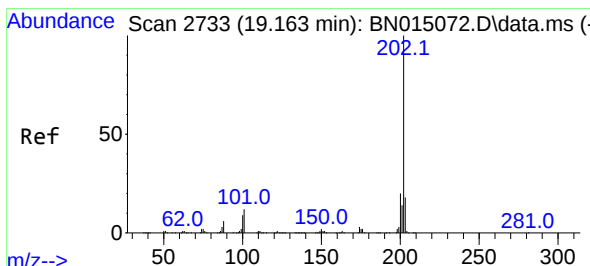
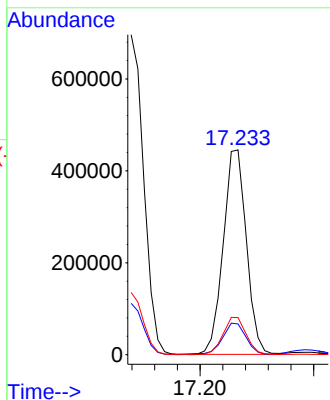
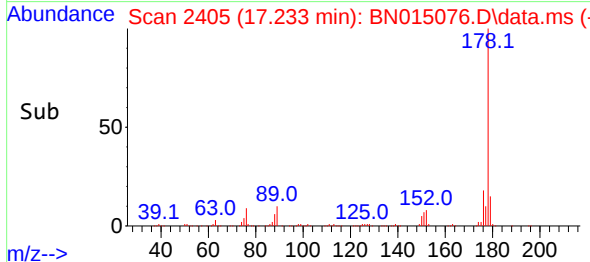
Instrument :
 BNA_N
 ClientSampleID :
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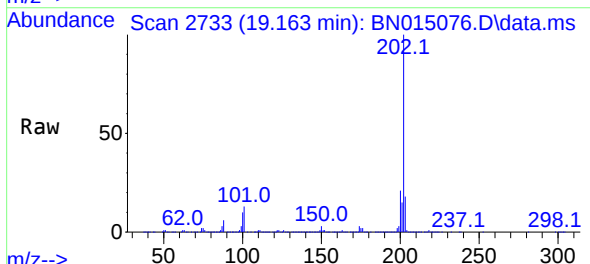
Tgt Ion:178 Resp: 630728
 Ion Ratio Lower Upper
 178 100
 179 15.0 11.6 17.4
 176 18.1 14.6 21.8

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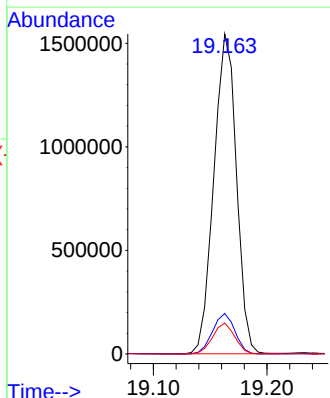
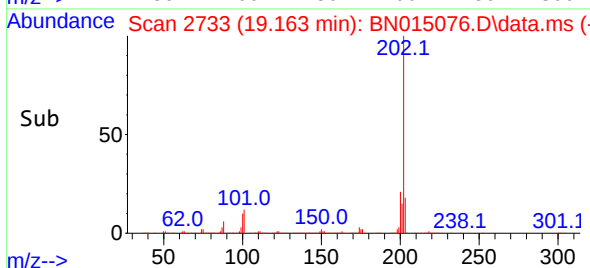
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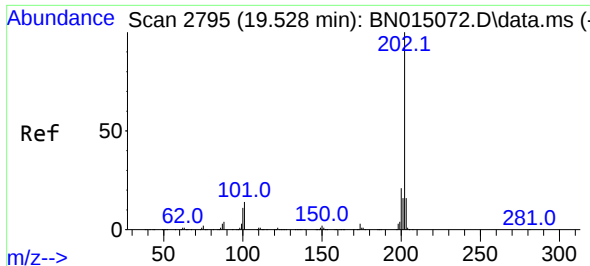


#80
 Fluoranthene
 Concen: 41.108 ng/ul
 RT: 19.163 min Scan# 2733
 Delta R.T. 0.000 min
 Lab File: BN015076.D
 Acq: 25 Jun 2021 14:07



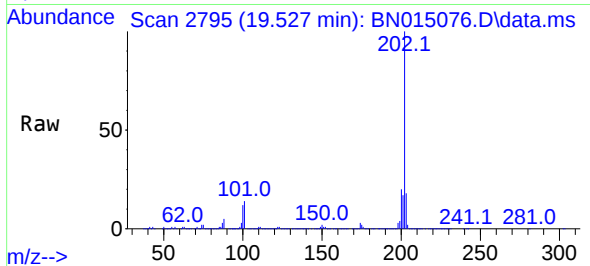
Tgt Ion:202 Resp: 2136578
 Ion Ratio Lower Upper
 202 100
 101 12.6 9.5 14.3
 100 9.7 7.4 11.2





#82
Pyrene
Concen: 22.305 ng/u1
RT: 19.527 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN015076.D
Acq: 25 Jun 2021 14:07

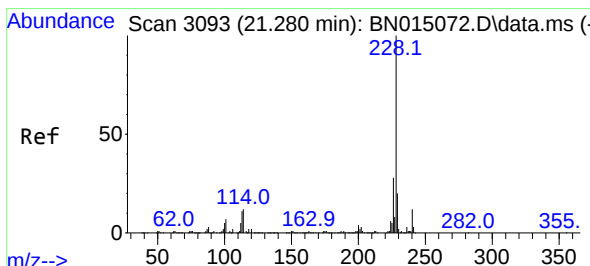
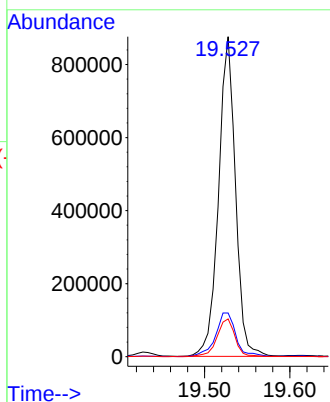
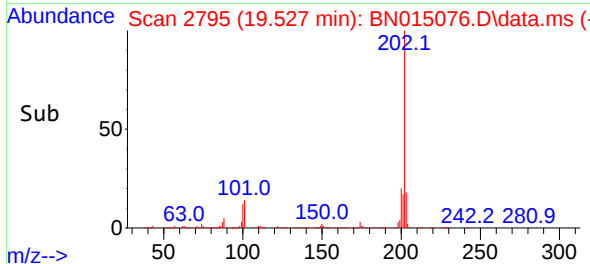
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BNA_N
ClientSampleId :
BGDF3DL



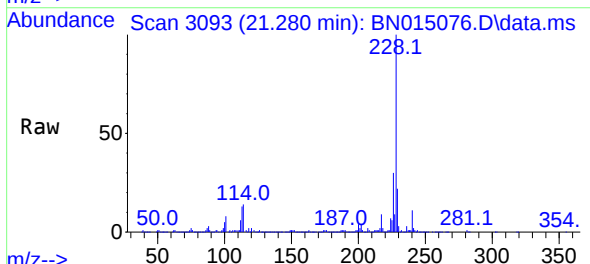
Tgt Ion:202 Resp: 1208290
Ion Ratio Lower Upper
202 100
101 13.6 11.6 17.4
100 11.8 9.2 13.8

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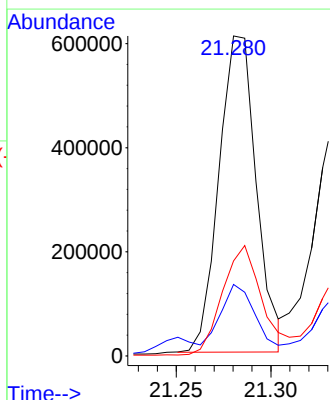
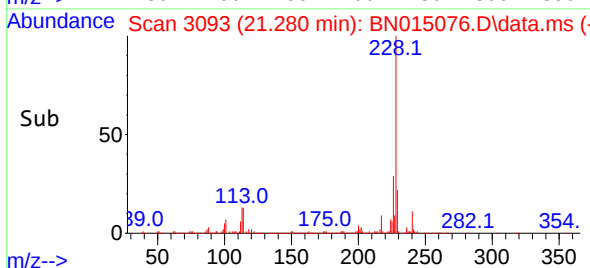
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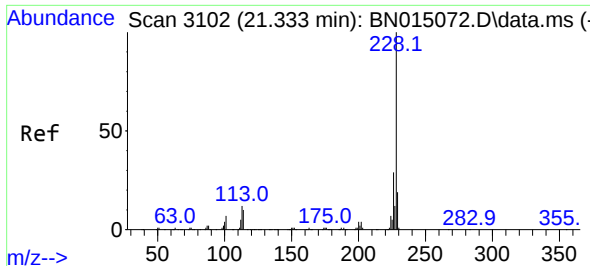


#85
Benzo(a)anthracene
Concen: 16.442 ng/u1
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BN015076.D
Acq: 25 Jun 2021 14:07



Tgt Ion:228 Resp: 835402
Ion Ratio Lower Upper
228 100
229 22.3 14.8 22.2#
226 29.7 20.2 30.4





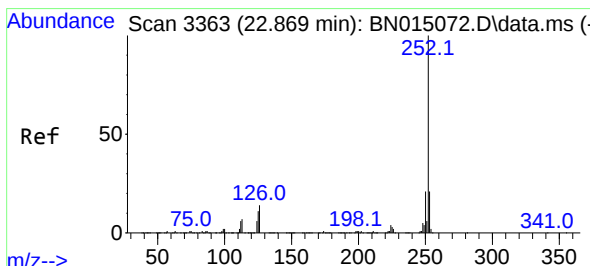
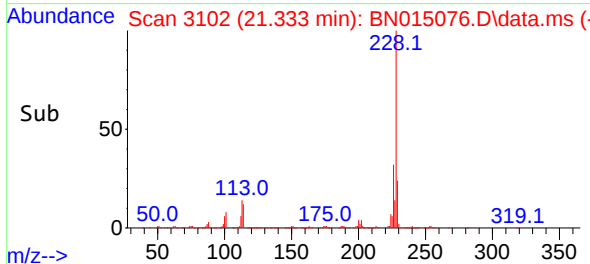
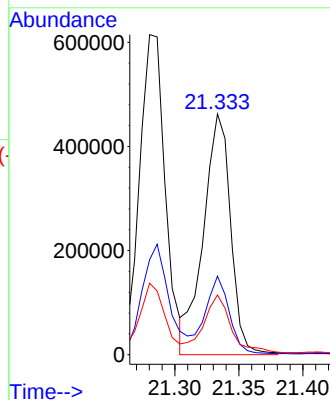
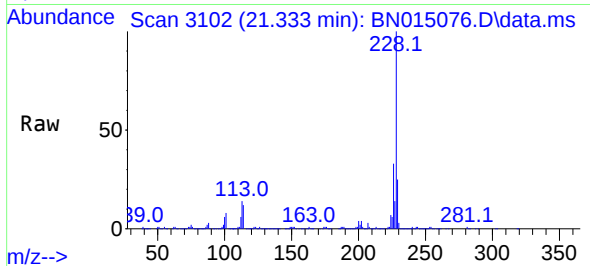
#87
Chrysene
Concen: 13.666 ng/ul m
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN015076.D
Acq: 25 Jun 2021 14:07

Tgt Ion:228 Resp: 683751
Ion Ratio Lower Upper
228 100
226 32.6 22.6 33.8
229 24.8 15.5 23.3#

Instrument :
BNA_N
ClientSampleId :
BGDF3DL

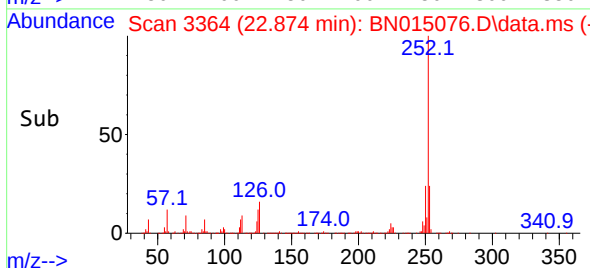
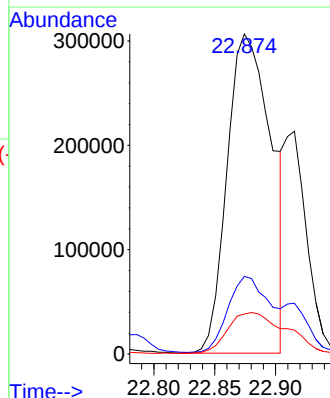
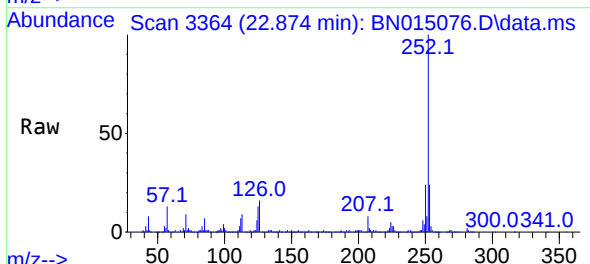
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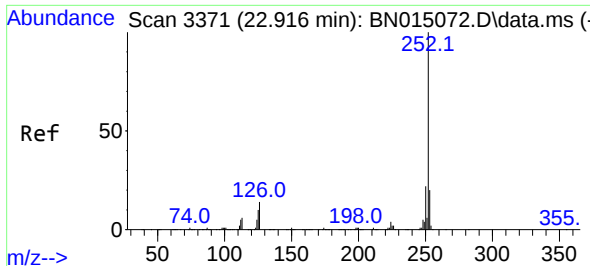
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#90
Benzo(b)fluoranthene
Concen: 14.963 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. 0.006 min
Lab File: BN015076.D
Acq: 25 Jun 2021 14:07

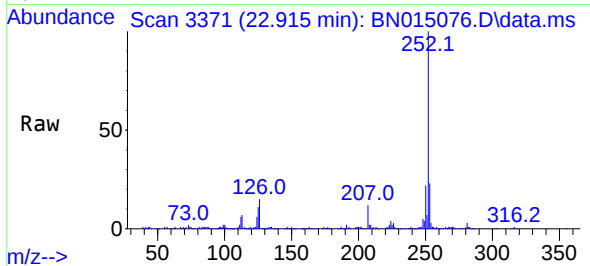
Tgt Ion:252 Resp: 773707
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 12.5 9.4 14.0





#91
Benzo(k)fluoranthene
Concen: 5.163 ng/ul m
RT: 22.915 min Scan# 3371
Delta R.T. 0.000 min
Lab File: BN015076.D
Acq: 25 Jun 2021 14:07

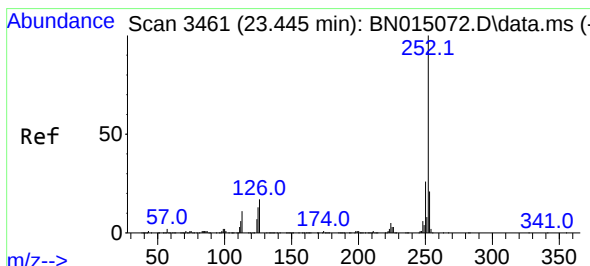
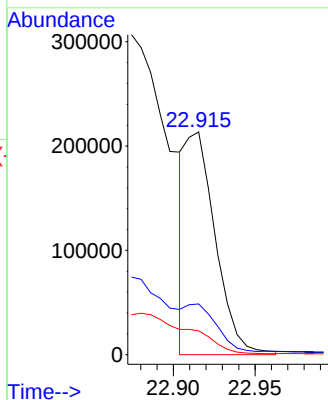
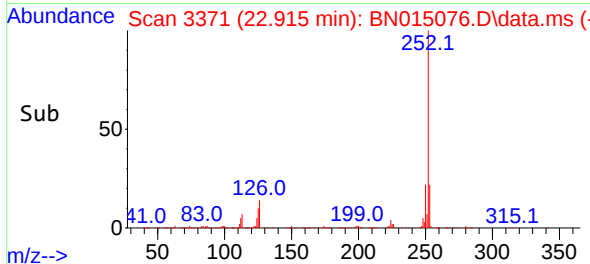
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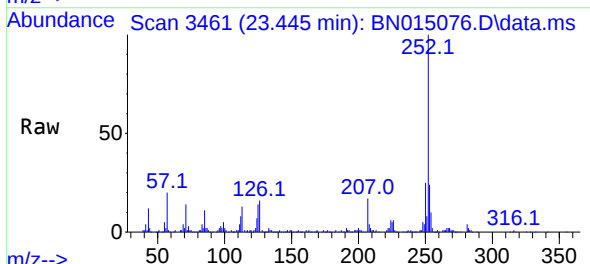
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Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 10.7 8.8 13.2

Manual Integrations
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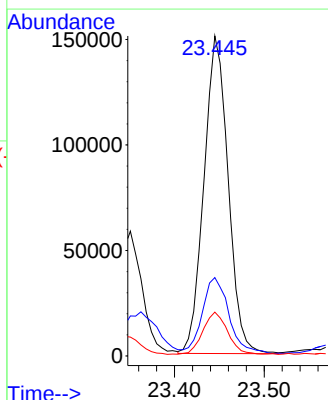
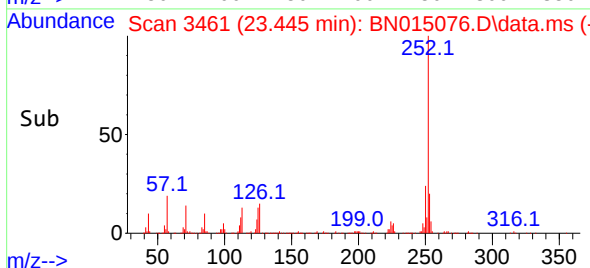
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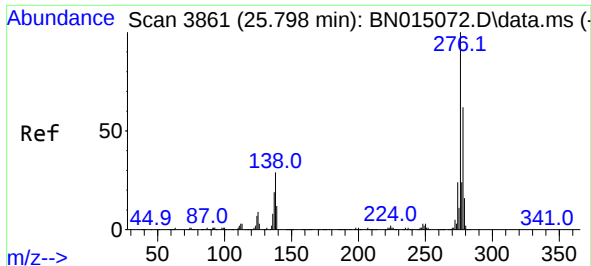


#93
Benzo(a)pyrene
Concen: 6.005 ng/ul
RT: 23.445 min Scan# 3461
Delta R.T. 0.000 min
Lab File: BN015076.D
Acq: 25 Jun 2021 14:07



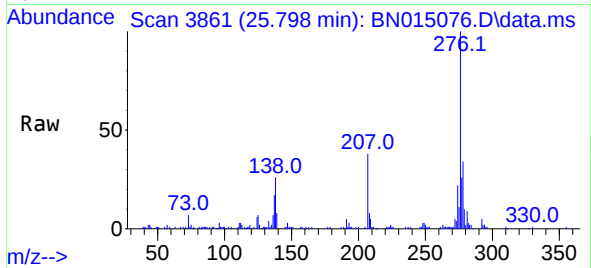
Tgt Ion:252 Resp: 282223
Ion Ratio Lower Upper
252 100
253 24.5 16.4 24.6
125 13.7 9.3 13.9





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.496 ng/ul
RT: 25.798 min Scan# 3861
Delta R.T. -0.006 min
Lab File: BN015076.D
Acq: 25 Jun 2021 14:07

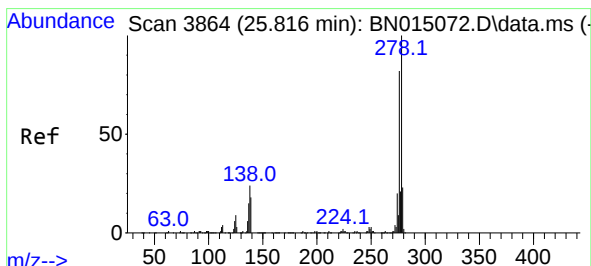
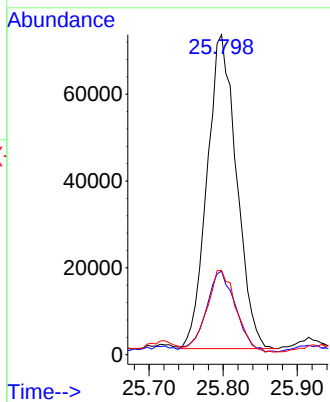
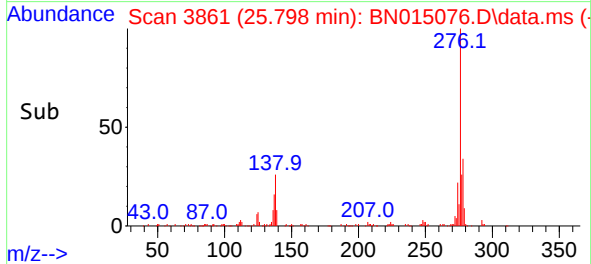
Instrument :
BNA_N
ClientSampled :
BGDF3DL



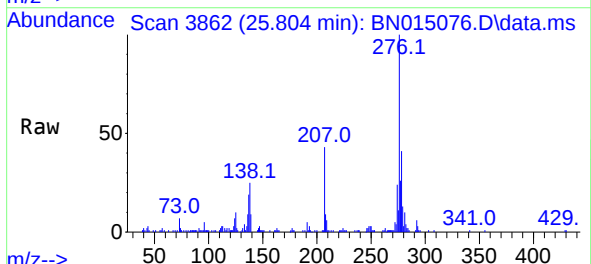
Tgt Ion:276 Resp: 199362
Ion Ratio Lower Upper
276 100
138 26.2 23.0 34.4
277 26.3 19.5 29.3

Manual Integrations
APPROVED

mohammad
6/28/2021 1:24:55 PM



#95
Dibenzo(a,h)anthracene
Concen: 1.843 ng/ul m
RT: 25.804 min Scan# 3862
Delta R.T. -0.018 min
Lab File: BN015076.D
Acq: 25 Jun 2021 14:07



Tgt Ion:278 Resp: 87127
Ion Ratio Lower Upper
278 100
139 21.8 14.8 22.2
279 31.2 20.2 30.4#

