

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015978.D
 Acq On : 19 Aug 2021 19:15
 Operator : CG/JU
 Sample : M3399-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKA8

Manual Integrations
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Quant Time: Aug 20 04:29:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 20 04:24:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	229870	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	960806	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	601919	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	1235496	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	1291326	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	1289535	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	26619m	4.511	ng/uL	0.00
4) Pyridine-d5	3.734	84	174297	10.568	ng/u1	0.00
7) Phenol-d5	7.046	99	159667	7.679	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.205	67	407801	31.854	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	462813	31.280	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	331197	20.479	ng/u1	0.01
21) Nitrobenzene-d5	9.034	128	271798	38.435	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	286774	43.330	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	565157	39.461	ng/u1	0.02
31) 4-Chloroaniline-d4	10.816	131	650075	29.819	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	1755995	39.807	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	2170159	39.283	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	74910m	9.601	ng/u1	0.04
60) Fluorene-d10	15.510	176	1517259	39.431	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	231038	35.015	ng/u1	0.00
73) Anthracene-d10	17.363	188	2364299	40.828	ng/u1	0.00
81) Pyrene-d10	19.657	212	2813208	40.446	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	2903247	41.639	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.734	128	6593431	128.129	ng/u1	99
36) 2-Methylnaphthalene	12.340	142	2830825	79.107	ng/u1	97
37) 1-Methylnaphthalene	12.557	142	2256530m	63.352	ng/u1	
43) 1,1'-Biphenyl	13.351	154	861313	18.505	ng/u1	98
50) Acenaphthylene	14.234	152	149803	2.853	ng/u1#	67
52) Acenaphthene	14.581	153	3341409	87.966	ng/u1	98
56) Dibenzofuran	14.916	168	2926963	55.735	ng/u1	100
61) Fluorene	15.563	166	2619318	61.121	ng/u1	100
72) Phenanthrene	17.310	178	11597517	172.671	ng/u1	96
74) Anthracene	17.398	178	1112321	16.221	ng/u1	98
77) Carbazole	17.663	167	1109466	18.402	ng/u1	99
80) Fluoranthene	19.322	202	7153755	85.007	ng/u1	97
82) Pyrene	19.686	202	5163752	58.956	ng/u1	96
85) Benzo(a)anthracene	21.433	228	1399820m	16.848	ng/u1	
87) Chrysene	21.486	228	1112948	13.835	ng/u1	97
90) Benzo(b)fluoranthene	23.115	252	889463	10.491	ng/u1	95
91) Benzo(k)fluoranthene	23.163	252	174480m	2.067	ng/u1	
93) Benzo(a)pyrene	23.739	252	483995	6.307	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.327	276	156967	1.650	ng/u1	94
96) Benzo(g,h,i)perylene	27.086	276	123035	1.564	ng/u1#	95

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

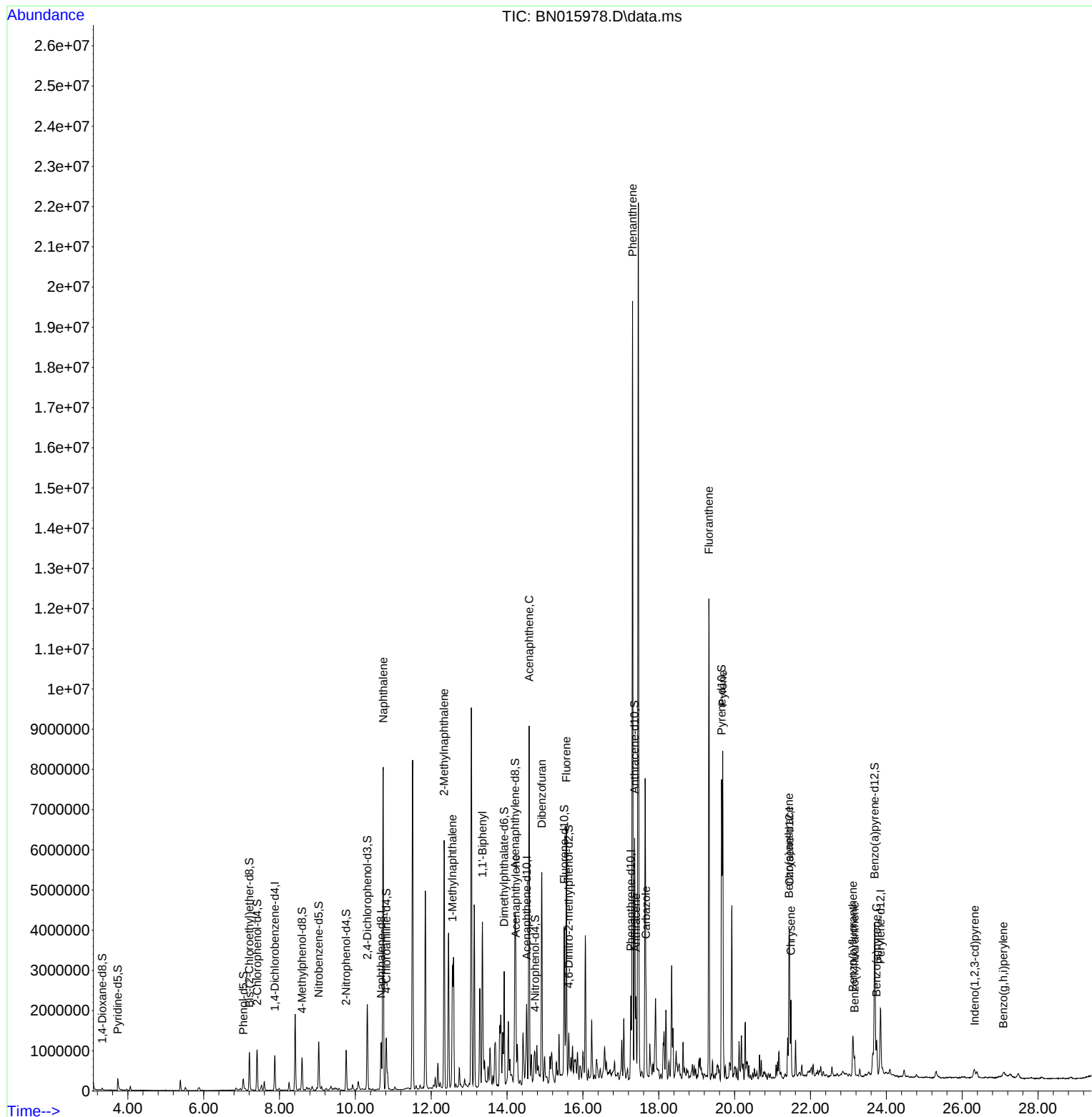
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015978.D
Acq On : 19 Aug 2021 19:15
Operator : CG/JU
Sample : M3399-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

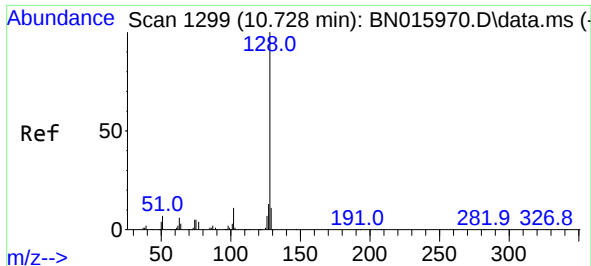
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration





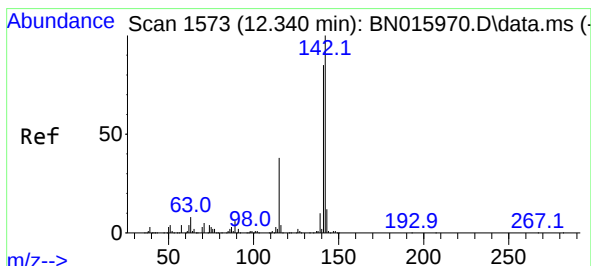
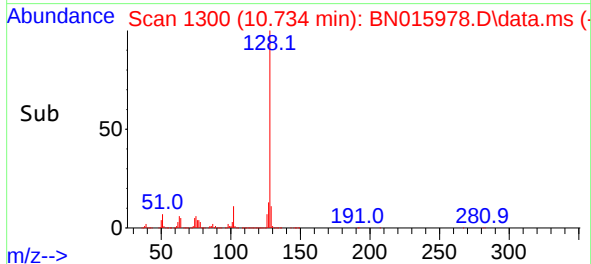
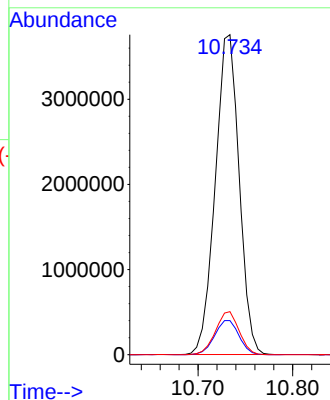
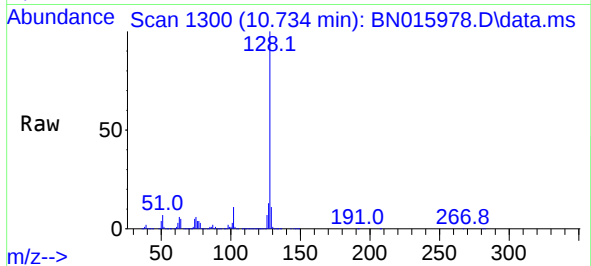
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Naphthalene
Concen: 128.129 ng/u1
RT: 10.734 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15

Tgt Ion:128 Resp: 6593431
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.5 11.1 16.7

Instrument :
BNA_N
ClientSampleId :
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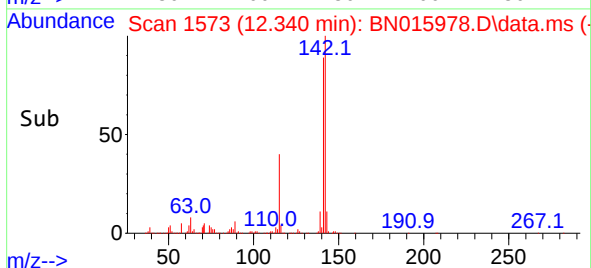
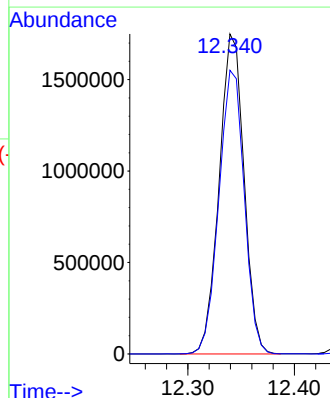
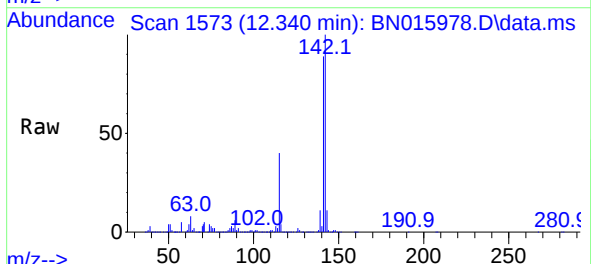
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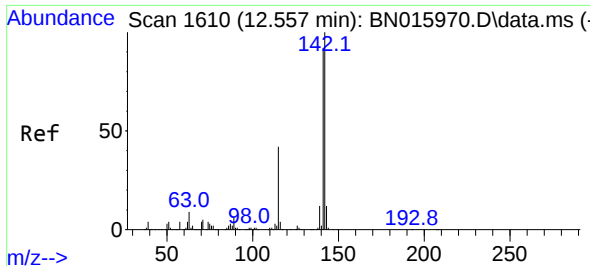
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#36
2-Methylnaphthalene
Concen: 79.107 ng/u1
RT: 12.340 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15

Tgt Ion:142 Resp: 2830825
Ion Ratio Lower Upper
142 100
141 88.6 73.4 110.0





#37

1-Methylnaphthalene

Concen: 63.352 ng/ul m

RT: 12.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BN015978.D

Acq: 19 Aug 2021 19:15

Tgt Ion:142 Resp: 2256530

Ion	Ratio	Lower	Upper
142	100		
141	88.4	74.2	111.4
116	4.3	3.4	5.0

Instrument :

BNA_N

ClientSampleId :

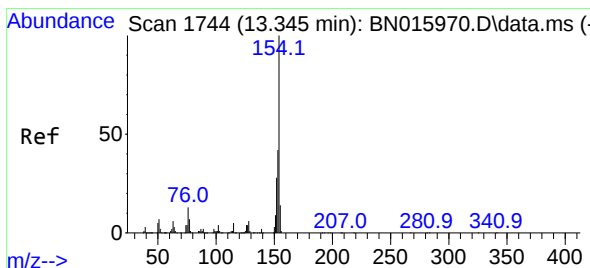
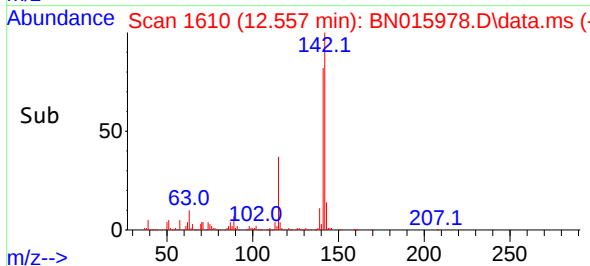
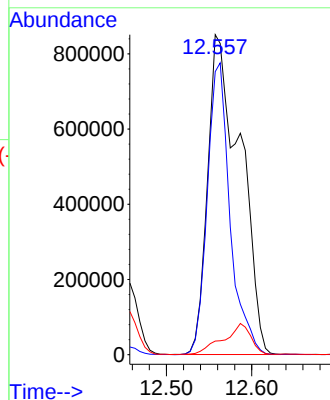
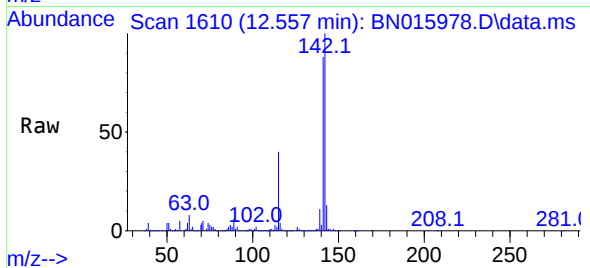
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#43

1,1'-Biphenyl

Concen: 18.505 ng/ul

RT: 13.351 min Scan# 1745

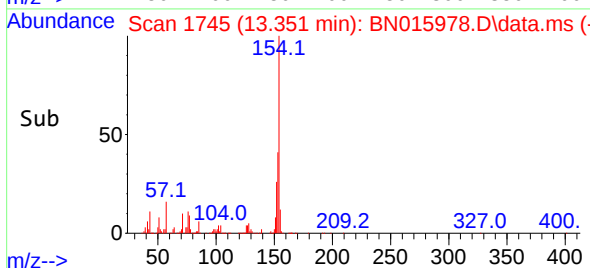
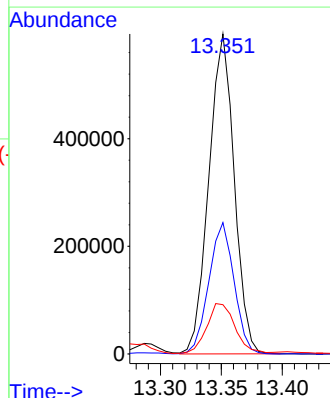
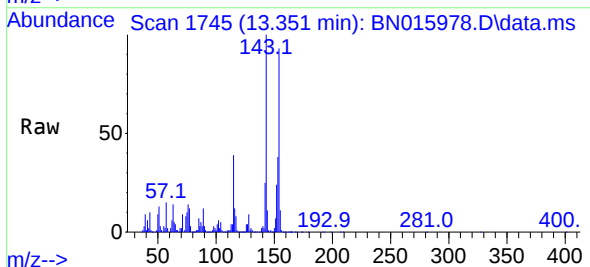
Delta R.T. 0.006 min

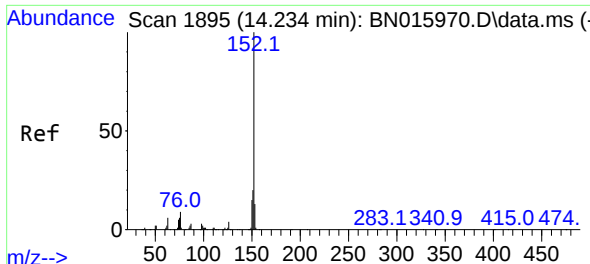
Lab File: BN015978.D

Acq: 19 Aug 2021 19:15

Tgt Ion:154 Resp: 861313

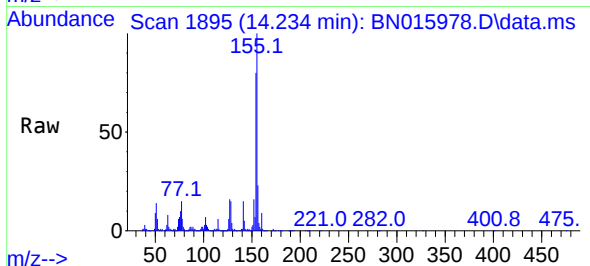
Ion	Ratio	Lower	Upper
154	100		
153	41.1	32.1	48.1
76	15.4	11.0	16.6





#50
Acenaphthylene
Concen: 2.853 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15

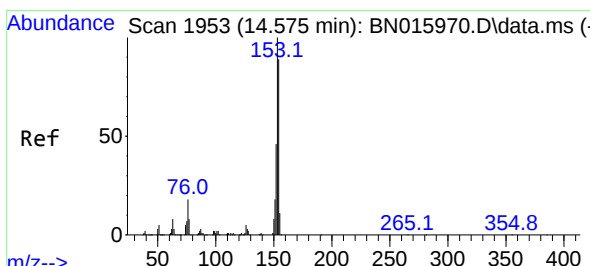
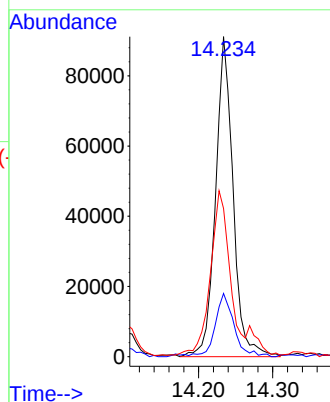
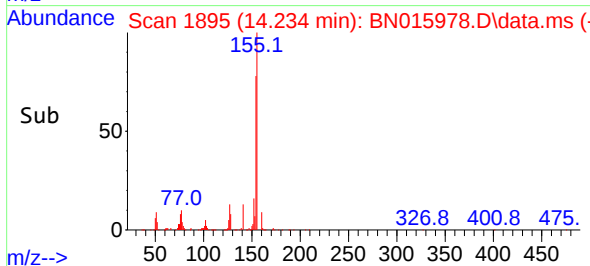
Instrument :
BNA_N
ClientSampled :
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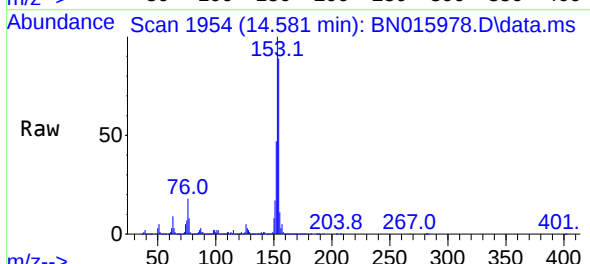
Tgt Ion:152 Resp: 149803
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 46.3 10.3 15.5#

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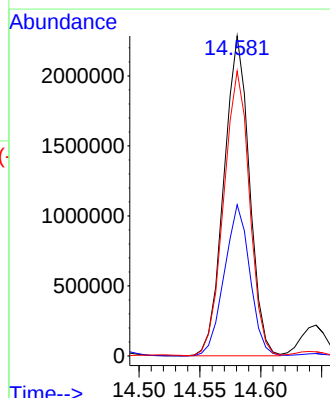
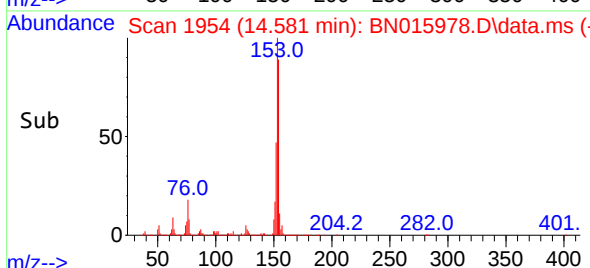
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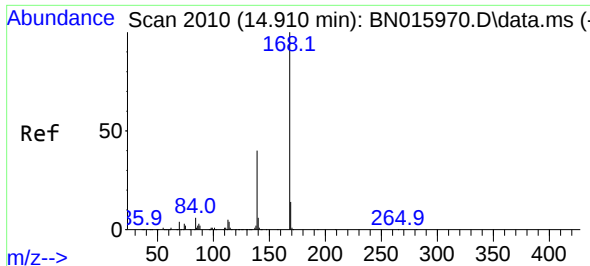


#52
Acenaphthene
Concen: 87.966 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15



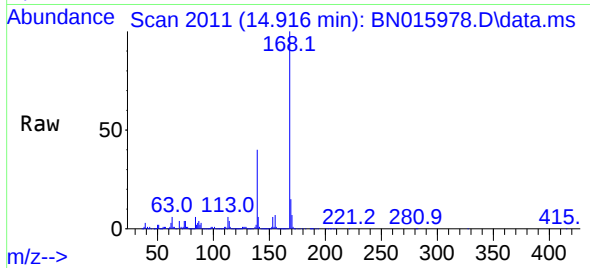
Tgt Ion:153 Resp: 3341409
Ion Ratio Lower Upper
153 100
152 47.3 38.6 57.8
154 89.0 69.3 103.9





#56
Dibenzofuran
Concen: 55.735 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15

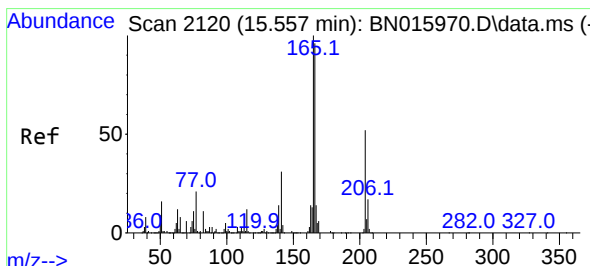
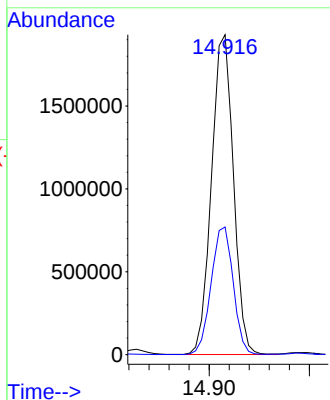
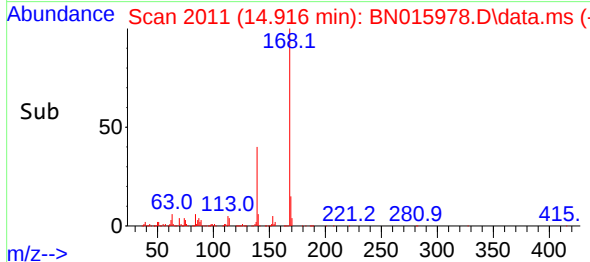
Instrument :
BNA_N
ClientSampled :
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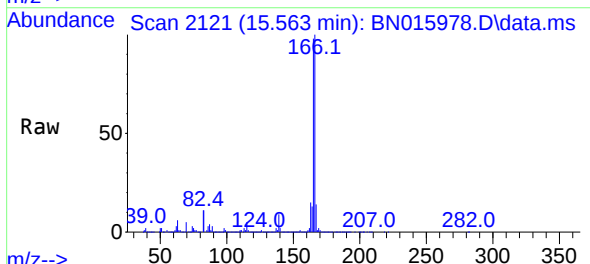
Tgt Ion:168 Resp: 2926963
Ion Ratio Lower Upper
168 100
139 39.9 31.8 47.6

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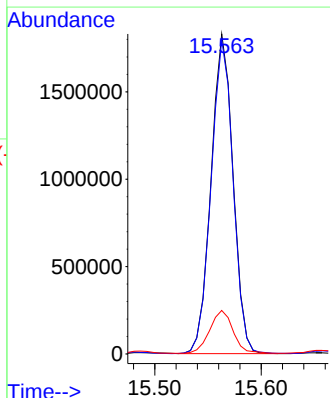
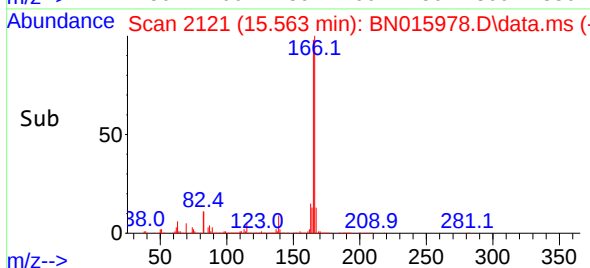
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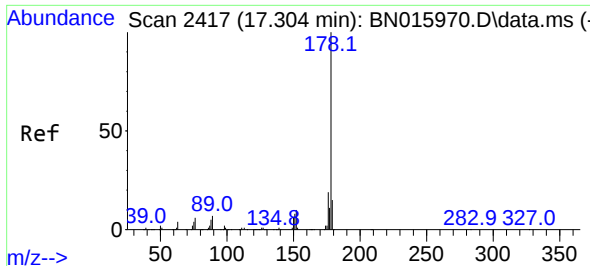


#61
Fluorene
Concen: 61.121 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15



Tgt Ion:166 Resp: 2619318
Ion Ratio Lower Upper
166 100
165 98.2 78.4 117.6
167 13.6 10.8 16.2





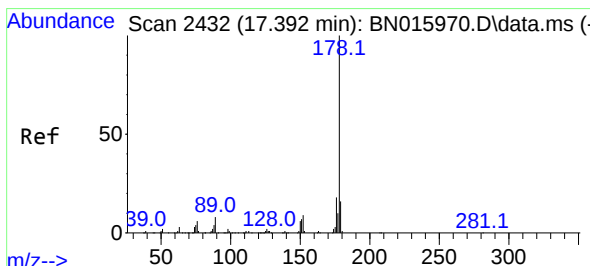
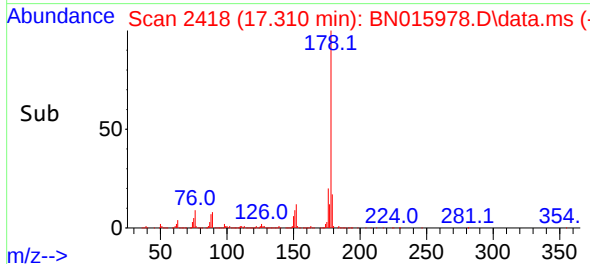
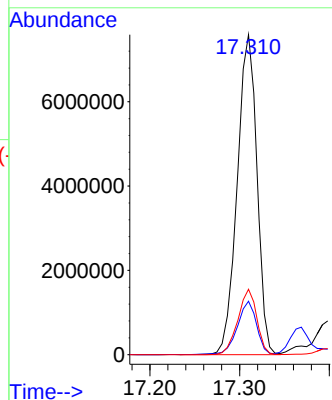
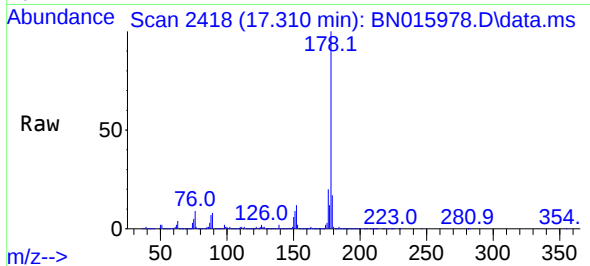
#72
Phenanthrene
Concen: 172.671 ng/u1
RT: 17.310 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15

Tgt Ion:178 Resp:11597517
Ion Ratio Lower Upper
178 100
179 16.7 12.5 18.7
176 20.4 14.6 21.8

Instrument :
BNA_N
ClientSampled :
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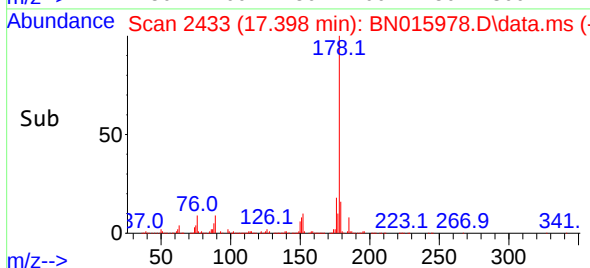
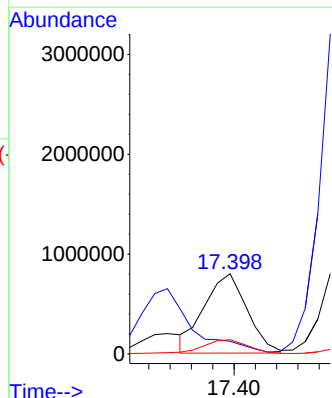
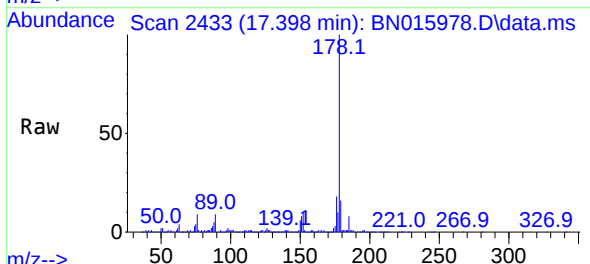
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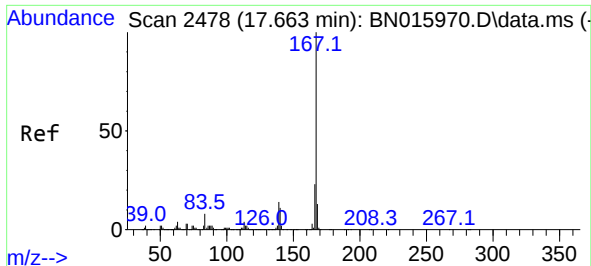
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#74
Anthracene
Concen: 16.221 ng/u1
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15

Tgt Ion:178 Resp: 1112321
Ion Ratio Lower Upper
178 100
179 15.9 11.6 17.4
176 17.8 14.4 21.6





#77
 Carbazole
 Concen: 18.402 ng/ul
 RT: 17.663 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BN015978.D
 Acq: 19 Aug 2021 19:15

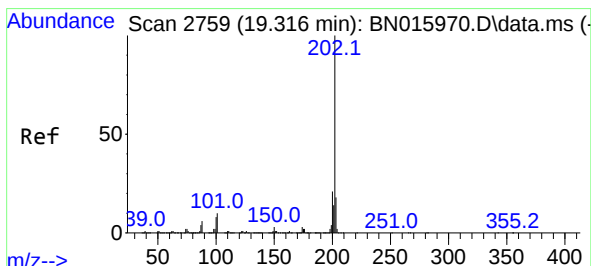
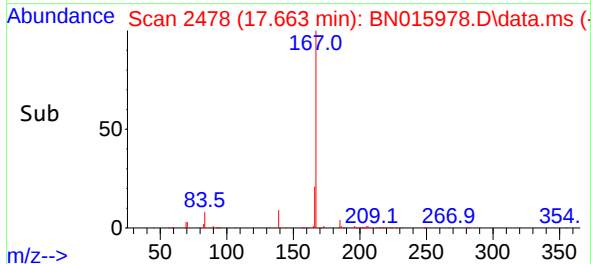
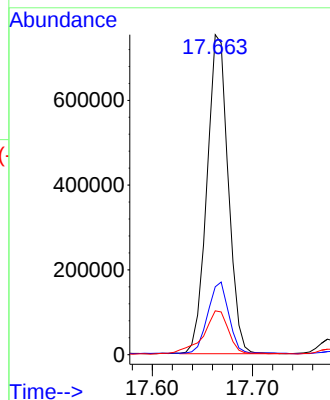
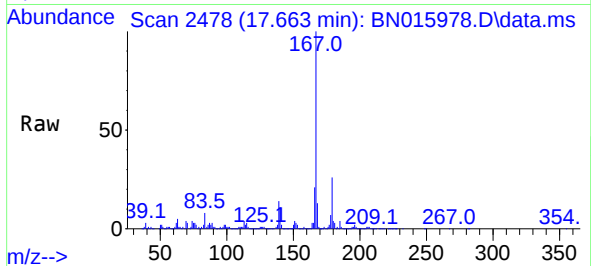
Tgt Ion:167 Resp: 1109466

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	13.7	11.6	17.4

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 ClientSampled :
 DBKA8

Manual Integrations
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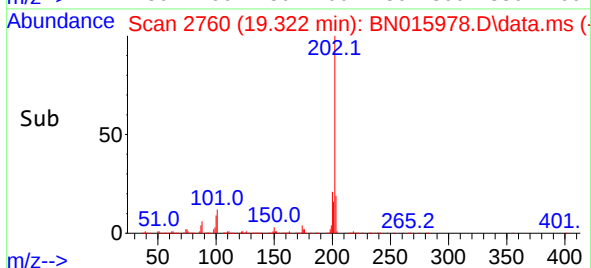
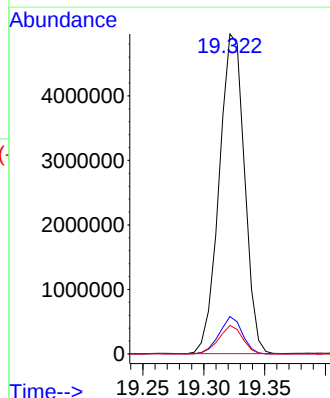
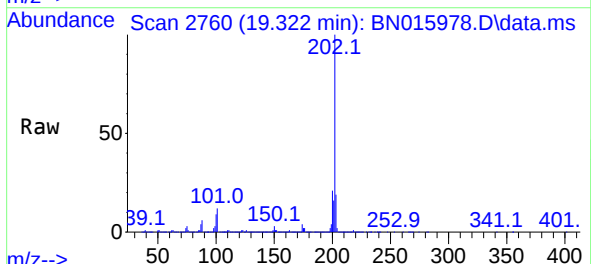
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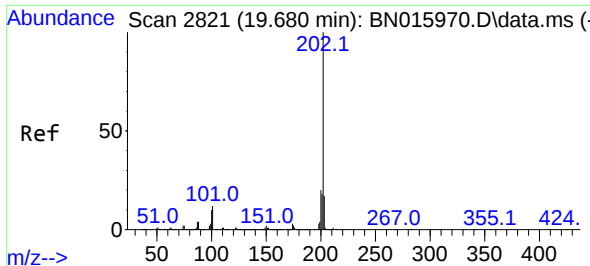


#80
 Fluoranthene
 Concen: 85.007 ng/ul
 RT: 19.322 min Scan# 2760
 Delta R.T. 0.006 min
 Lab File: BN015978.D
 Acq: 19 Aug 2021 19:15

Tgt Ion:202 Resp: 7153755

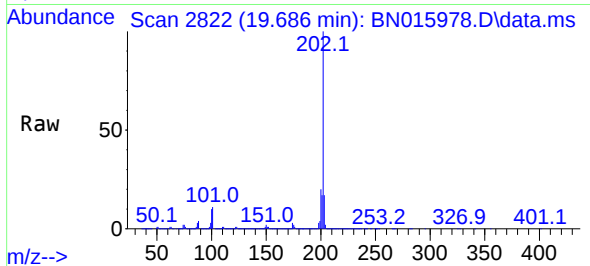
Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.0	12.0
100	8.9	6.7	10.1





#82
 Pyrene
 Concen: 58.956 ng/ul
 RT: 19.686 min Scan# 2822
 Delta R.T. 0.006 min
 Lab File: BN015978.D
 Acq: 19 Aug 2021 19:15

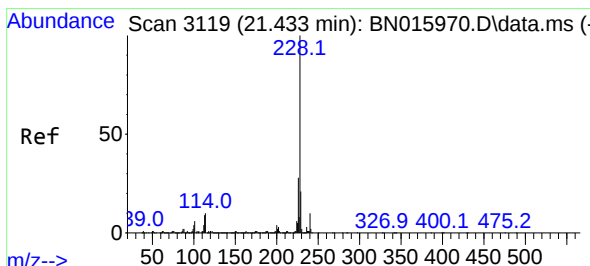
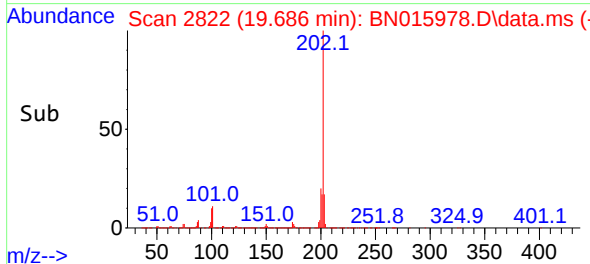
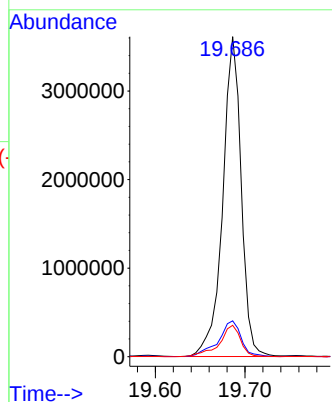
Instrument :
 BNA_N
 ClientSampleId :
 DBKA8



Tgt Ion:202 Resp: 5163752
 Ion Ratio Lower Upper
 202 100
 101 11.2 10.1 15.1
 100 9.8 9.2 13.8

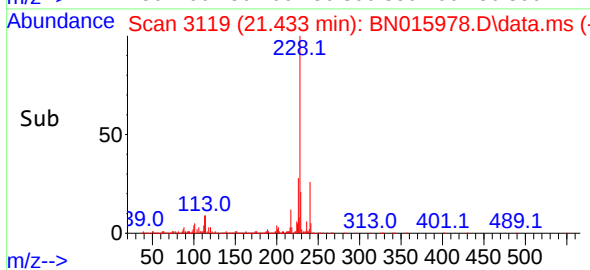
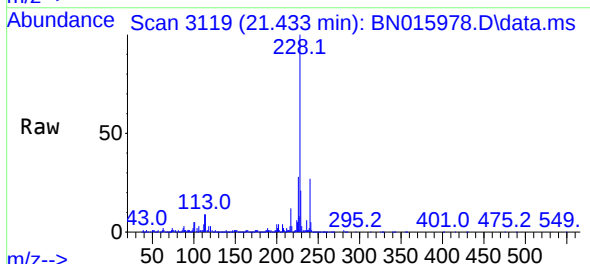
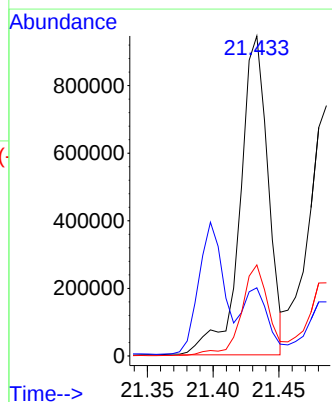
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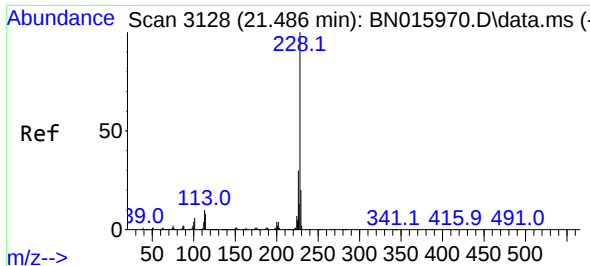
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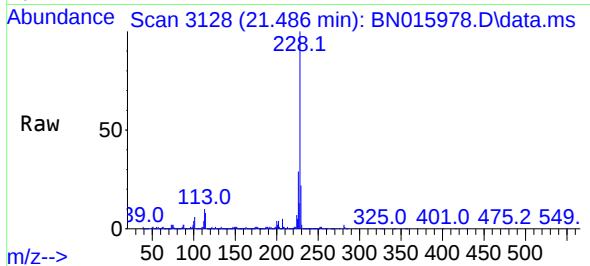
#85
 Benzo(a)anthracene
 Concen: 16.848 ng/ul m
 RT: 21.433 min Scan# 3119
 Delta R.T. 0.000 min
 Lab File: BN015978.D
 Acq: 19 Aug 2021 19:15

Tgt Ion:228 Resp: 1399820
 Ion Ratio Lower Upper
 228 100
 229 21.3 14.5 21.7
 226 28.4 20.9 31.3

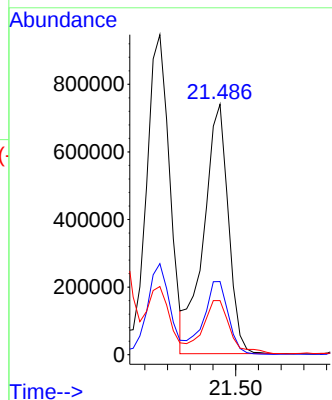




#87
Chrysene
Concen: 13.835 ng/u1
RT: 21.486 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15



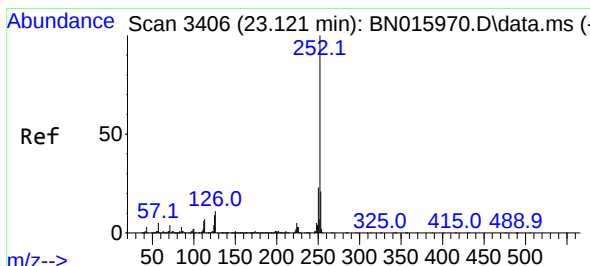
Tgt Ion:228 Resp: 1112948
Ion Ratio Lower Upper
228 100
226 29.2 24.2 36.2
229 21.6 15.9 23.9



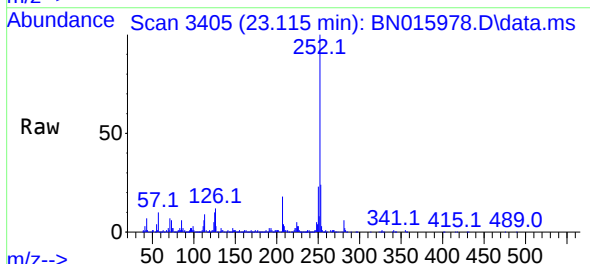
Instrument :
BNA_N
ClientSampleId :
DBKA8

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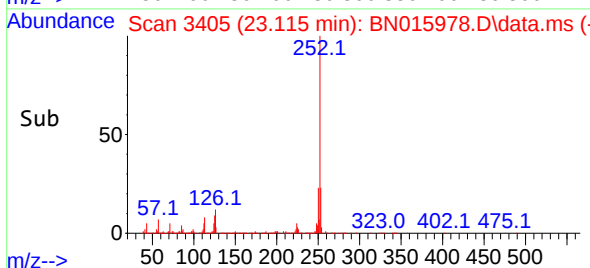
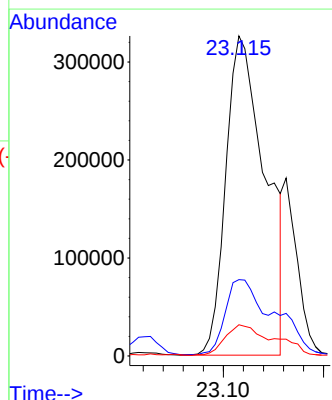
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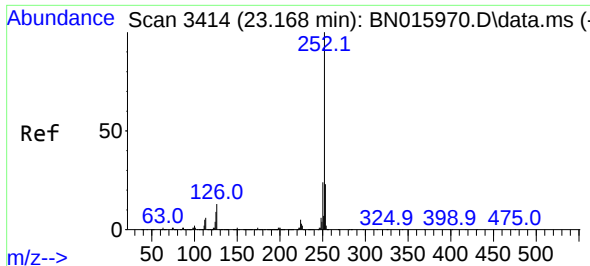


#90
Benzo(b)fluoranthene
Concen: 10.491 ng/u1
RT: 23.115 min Scan# 3405
Delta R.T. -0.006 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15



Tgt Ion:252 Resp: 889463
Ion Ratio Lower Upper
252 100
253 23.8 16.6 25.0
125 9.7 7.1 10.7





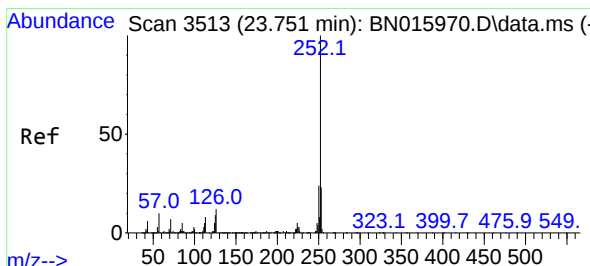
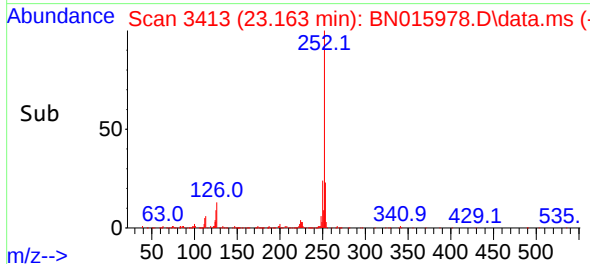
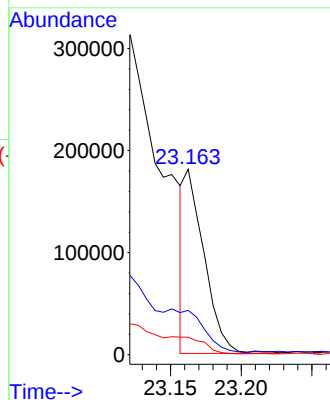
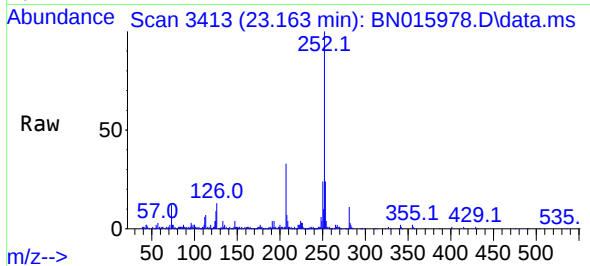
#91
Benzo(k)fluoranthene
Concen: 2.067 ng/ul m
RT: 23.163 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15

Tgt Ion:252 Resp: 174480
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 9.5 7.0 10.6

Instrument :
BNA_N
ClientSampleId :
DBKA8

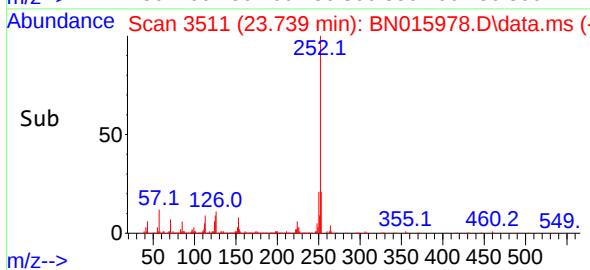
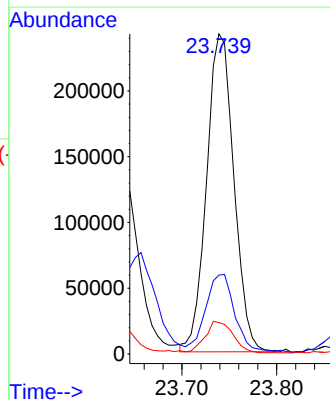
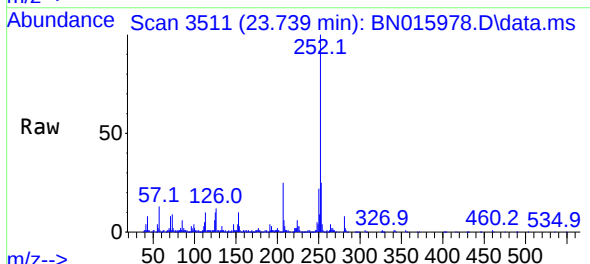
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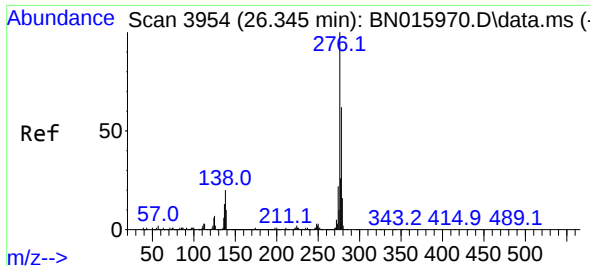
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#93
Benzo(a)pyrene
Concen: 6.307 ng/ul
RT: 23.739 min Scan# 3511
Delta R.T. -0.012 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15

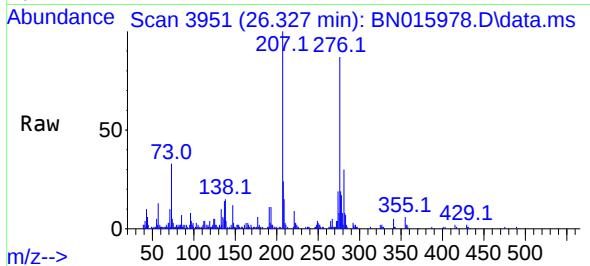
Tgt Ion:252 Resp: 483995
Ion Ratio Lower Upper
252 100
253 24.7 18.0 27.0
125 9.8 7.2 10.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.650 ng/ul
RT: 26.327 min Scan# 3951
Delta R.T. -0.018 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15

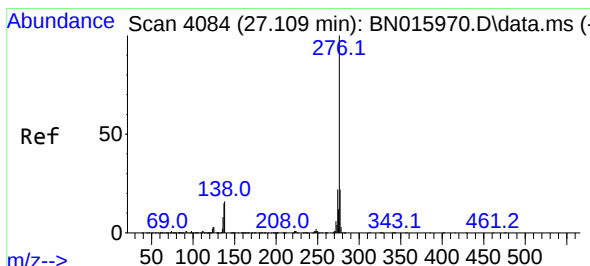
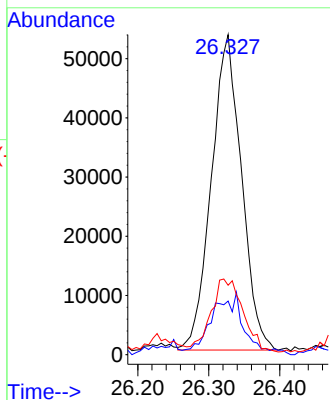
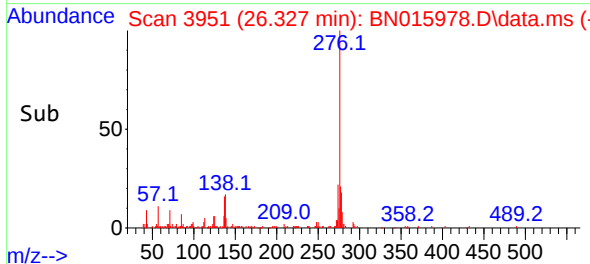
Instrument :
BNA_N
ClientSampleId :
DBKA8



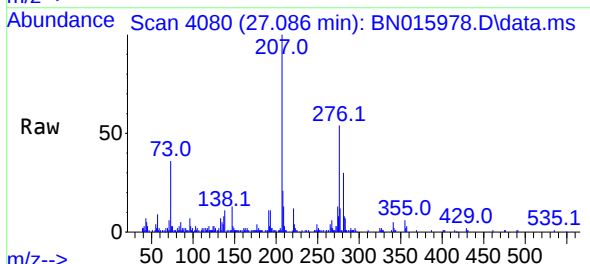
Tgt Ion:276 Resp: 156967
Ion Ratio Lower Upper
276 100
138 16.7 15.9 23.9
277 21.7 19.5 29.3

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#96
Benzo(g,h,i)perylene
Concen: 1.564 ng/ul
RT: 27.086 min Scan# 4080
Delta R.T. -0.023 min
Lab File: BN015978.D
Acq: 19 Aug 2021 19:15



Tgt Ion:276 Resp: 123035
Ion Ratio Lower Upper
276 100
138 20.6 13.4 20.0#
277 22.3 18.5 27.7

