

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
 Data File : BN015986.D
 Acq On : 20 Aug 2021 14:51
 Operator : CG/JU
 Sample : M3399-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKA8DL

Manual Integrations
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Quant Time: Aug 20 15:52:49 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	236345	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	982551	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	617903	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1265201	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	1393207	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	1442004	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.752	84	26117	1.540	ng/u1	0.02
7) Phenol-d5	7.034	99	27650	1.293	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	83667	6.356	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	80822	5.313	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	55823	3.357	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	44775	6.191	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	41962	6.200	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	95485	6.519	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	113138	5.075	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	328715	7.259	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	388981	6.859	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	8575	1.071	ng/u1	0.00
60) Fluorene-d10	15.504	176	289185	7.321	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	30614	4.531	ng/u1	0.00
73) Anthracene-d10	17.357	188	458996	7.740	ng/u1	0.00
81) Pyrene-d10	19.651	212	552966	7.369	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	571592	7.331	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.728	128	1270532	24.144	ng/u1	98
36) 2-Methylnaphthalene	12.340	142	543356	14.848	ng/u1	99
37) 1-Methylnaphthalene	12.557	142	437568m	12.013	ng/u1	
43) 1,1'-Biphenyl	13.345	154	169256	3.542	ng/u1#	98
52) Acenaphthene	14.575	153	648634	16.634	ng/u1	98
56) Dibenzofuran	14.910	168	570071	10.574	ng/u1	98
61) Fluorene	15.557	166	493120	11.209	ng/u1	98
72) Phenanthrene	17.298	178	2302219	33.472	ng/u1	98
74) Anthracene	17.392	178	218684	3.114	ng/u1	97
77) Carbazole	17.663	167	212709	3.445	ng/u1	97
80) Fluoranthene	19.316	202	1432735	15.780	ng/u1	99
82) Pyrene	19.680	202	1019072	10.784	ng/u1	99
85) Benzo(a)anthracene	21.433	228	281737	3.143	ng/u1	98
87) Chrysene	21.480	228	214640	2.473	ng/u1	97
90) Benzo(b)fluoranthene	23.115	252	169368	1.787	ng/u1#	95
93) Benzo(a)pyrene	23.739	252	95562	1.114	ng/u1	93

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

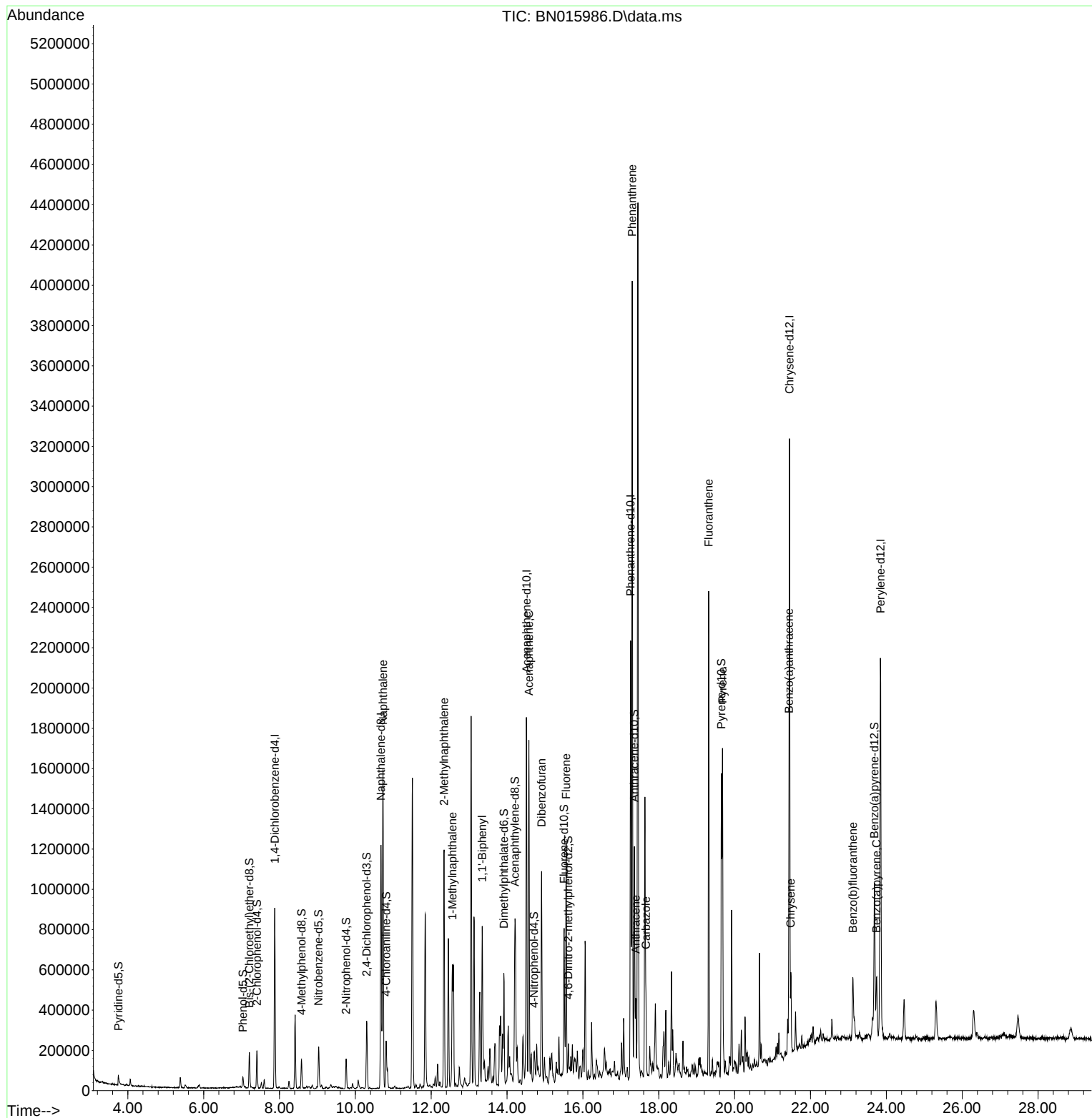
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Data File : BN015986.D
Acq On : 20 Aug 2021 14:51
Operator : CG/JU
Sample : M3399-06DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

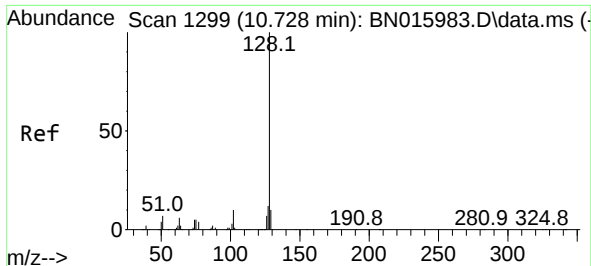
Instrument :
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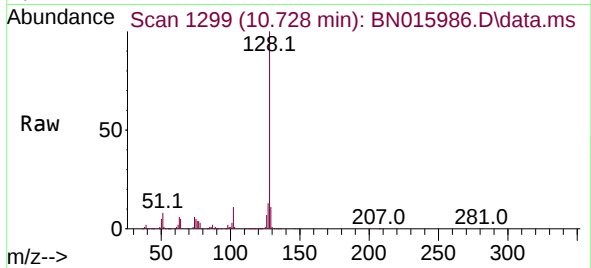
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 24.144 ng/ul
RT: 10.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51

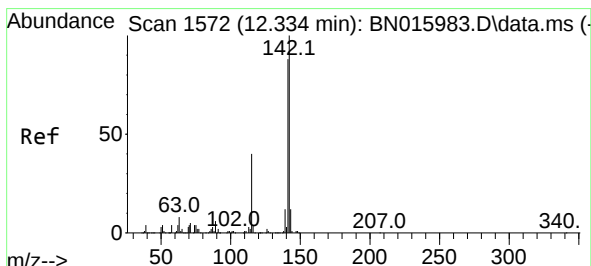
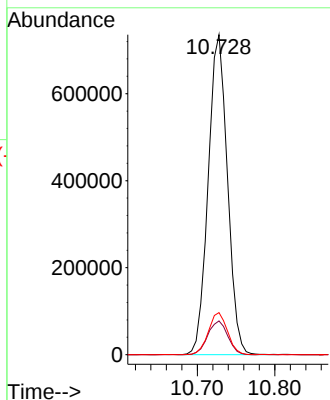
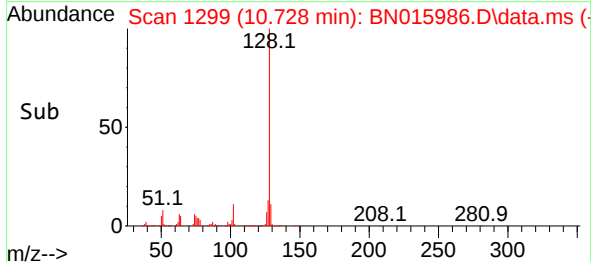
Instrument :
BNA_N
ClientSampleId :
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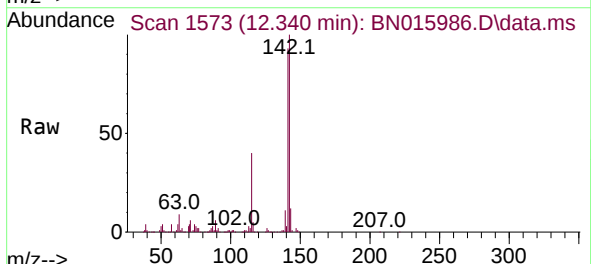
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Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.1 11.1 16.7

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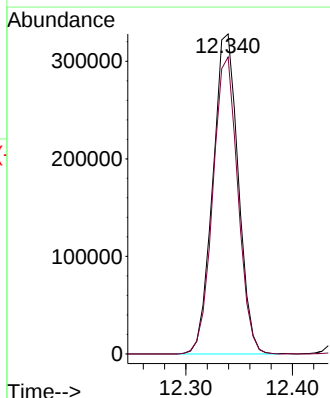
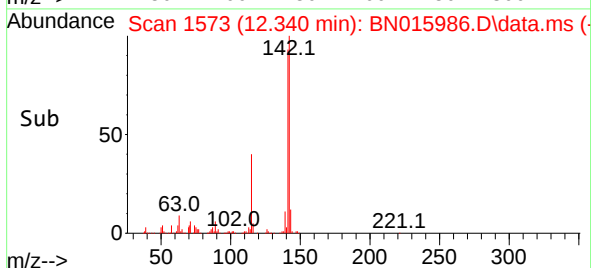
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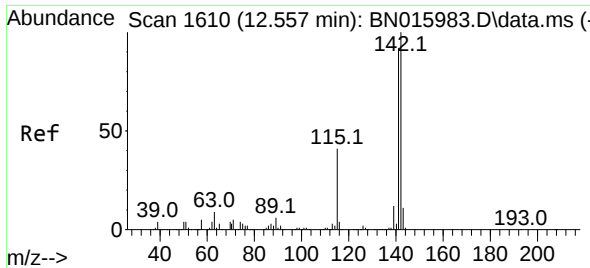


#36
2-Methylnaphthalene
Concen: 14.848 ng/ul
RT: 12.340 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51

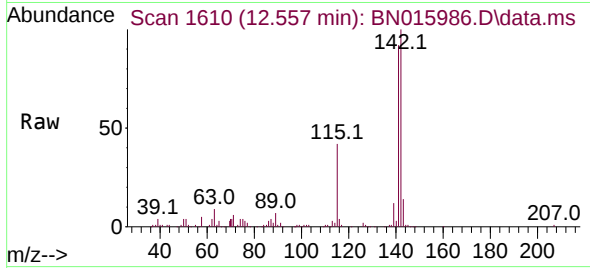


Tgt Ion:142 Resp: 543356
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.0

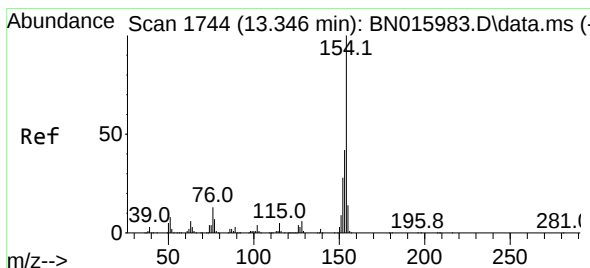
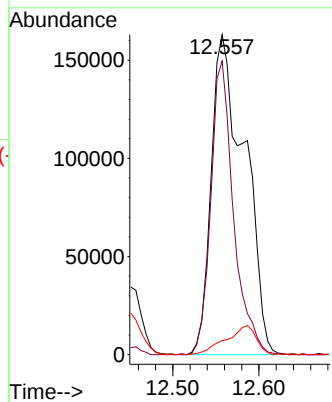
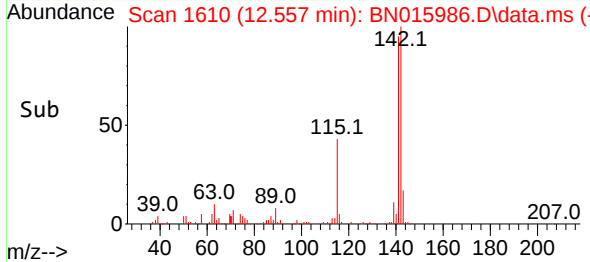




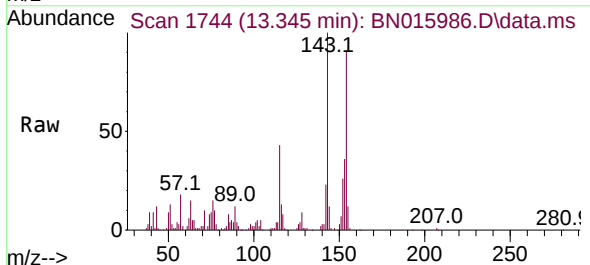
#37
1-Methylnaphthalene
Concen: 12.013 ng/ul m
RT: 12.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51



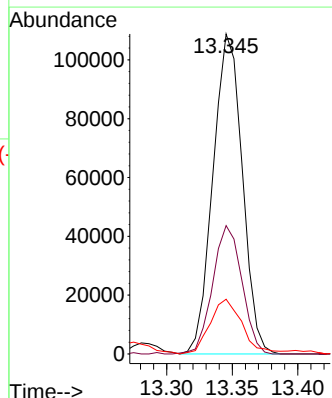
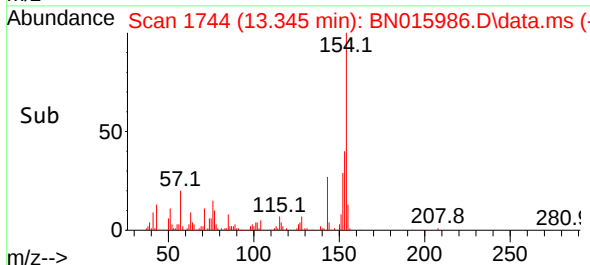
Tgt Ion:142 Resp: 437568
Ion Ratio Lower Upper
142 100
141 91.8 74.2 111.4
116 4.4 3.4 5.0



#43
1,1'-Biphenyl
Concen: 3.542 ng/ul
RT: 13.345 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51



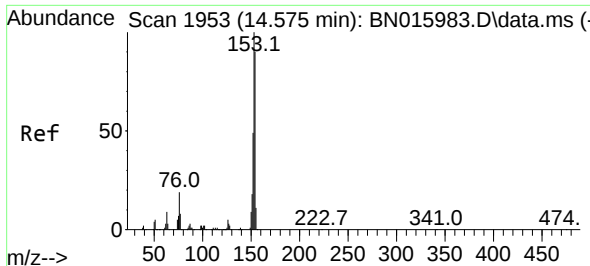
Tgt Ion:154 Resp: 169256
Ion Ratio Lower Upper
154 100
153 40.1 32.1 48.1
76 17.1 11.0 16.6#



Instrument :
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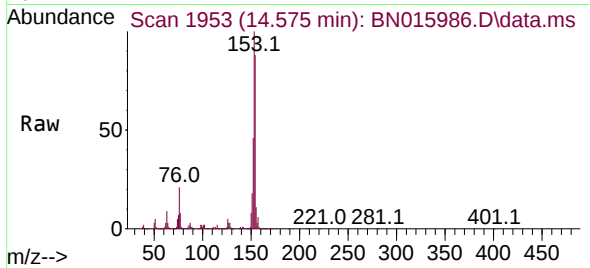
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#52
Acenaphthene
Concen: 16.634 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51

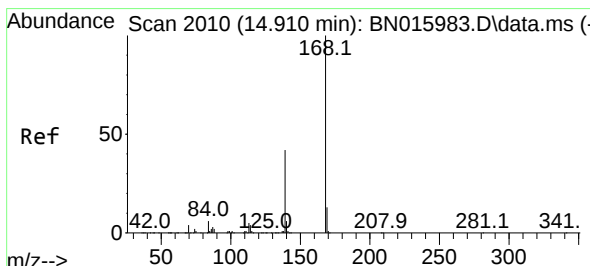
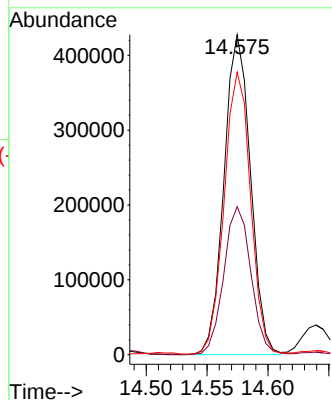
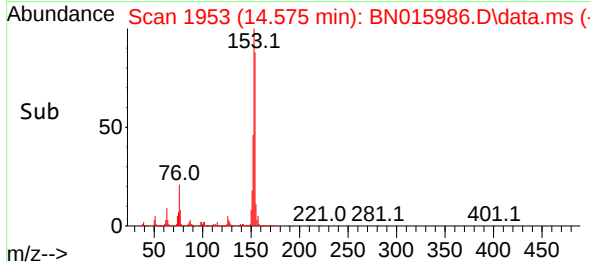
Instrument :
BNA_N
ClientSampleId :
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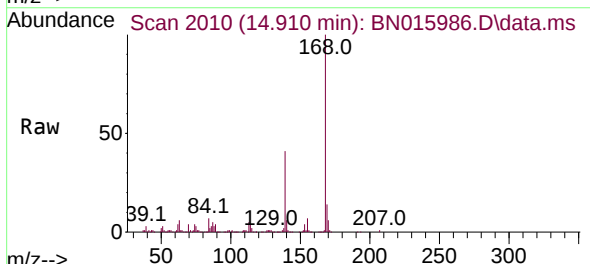
Tgt Ion:153 Resp: 648634
Ion Ratio Lower Upper
153 100
152 46.2 38.6 57.8
154 88.3 69.3 103.9

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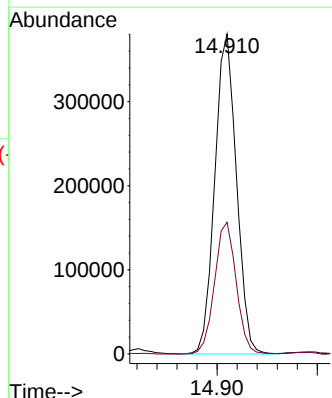
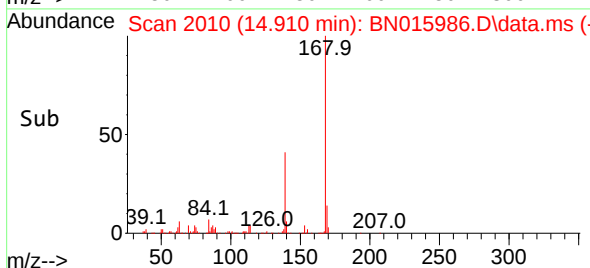
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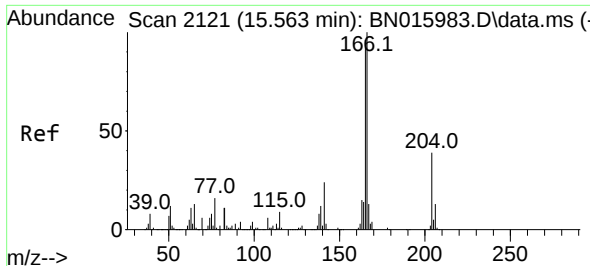


#56
Dibenzofuran
Concen: 10.574 ng/ul
RT: 14.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51

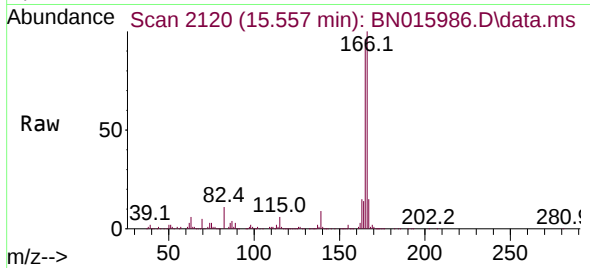


Tgt Ion:168 Resp: 570071
Ion Ratio Lower Upper
168 100
139 41.2 31.8 47.6

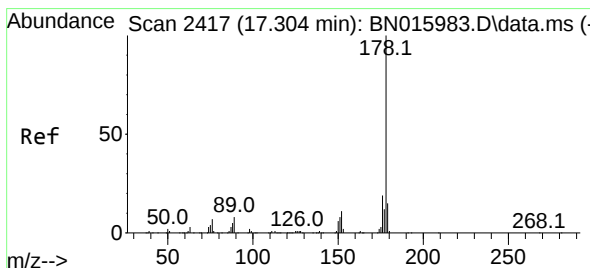
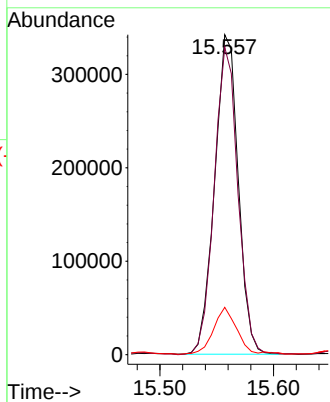
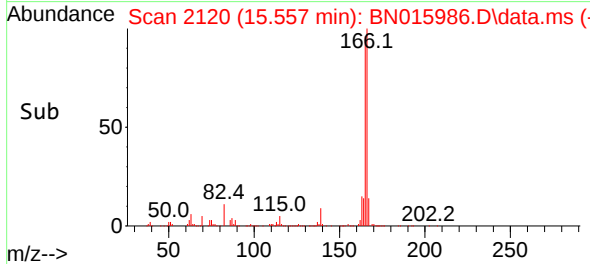




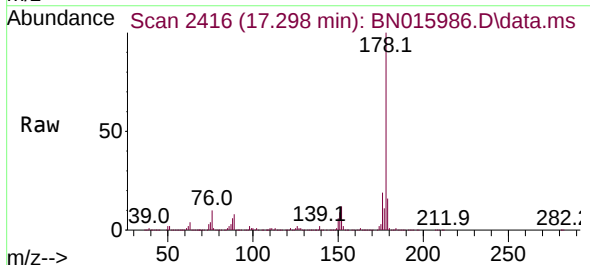
#61
Fluorene
Concen: 11.209 ng/u1
RT: 15.557 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51



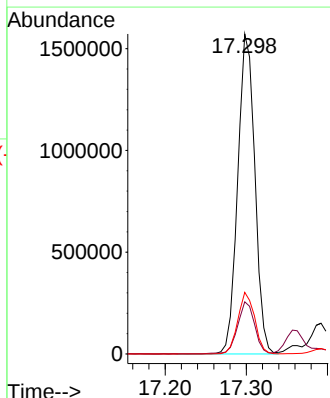
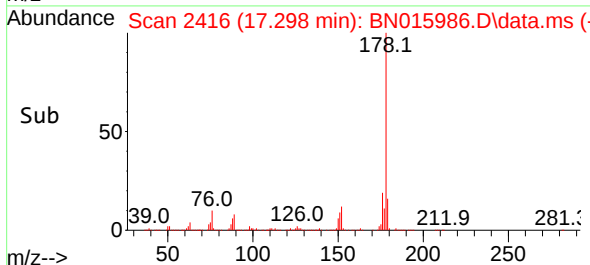
Tgt Ion:166 Resp: 493120
Ion Ratio Lower Upper
166 100
165 96.1 78.4 117.6
167 14.8 10.8 16.2



#72
Phenanthrene
Concen: 33.472 ng/u1
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51



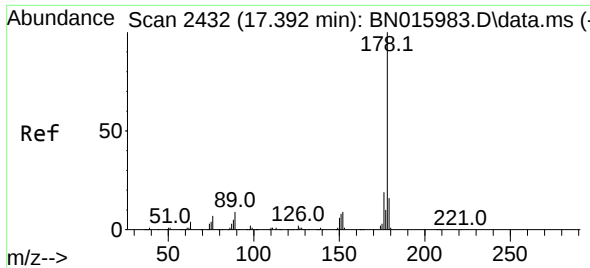
Tgt Ion:178 Resp: 2302219
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 19.2 14.6 21.8



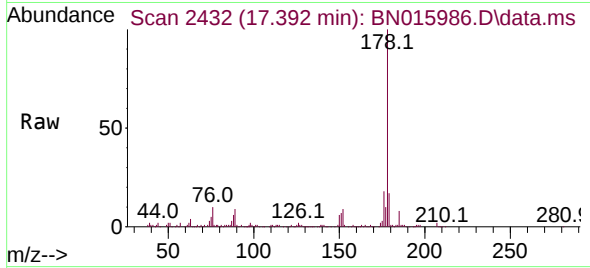
Instrument :
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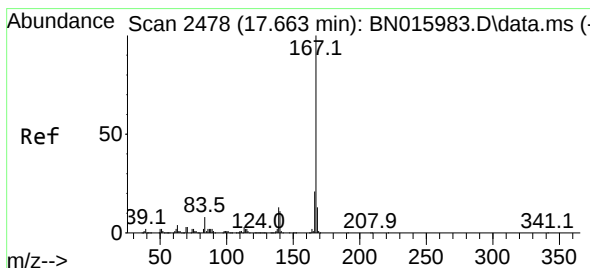
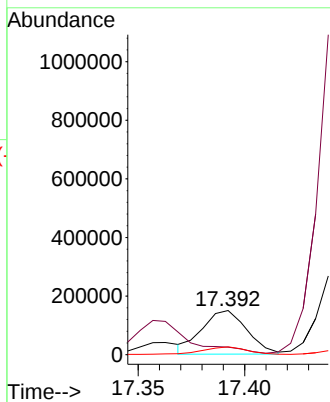
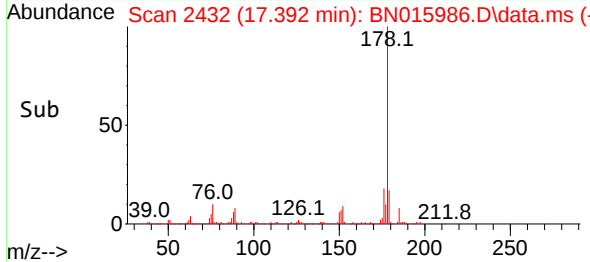
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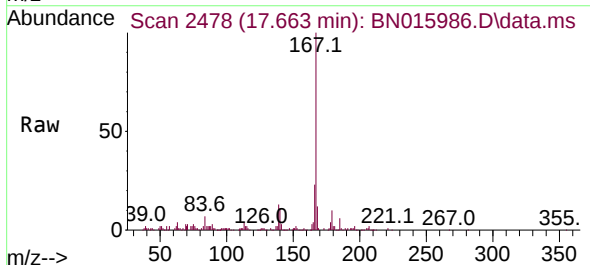
#74
 Anthracene
 Concen: 3.114 ng/ul
 RT: 17.392 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN015986.D
 Acq: 20 Aug 2021 14:51



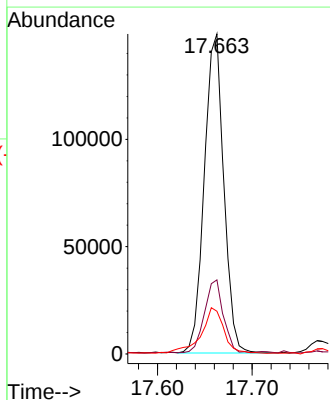
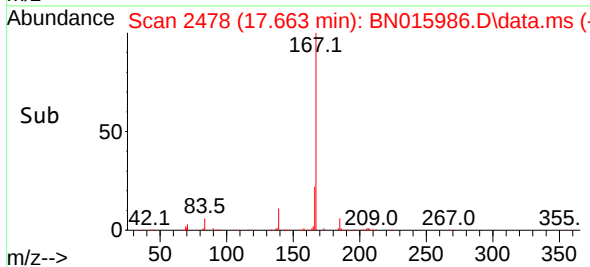
Tgt Ion:178 Resp: 218684
 Ion Ratio Lower Upper
 178 100
 179 16.9 11.6 17.4
 176 17.6 14.4 21.6



#77
 Carbazole
 Concen: 3.445 ng/ul
 RT: 17.663 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BN015986.D
 Acq: 20 Aug 2021 14:51



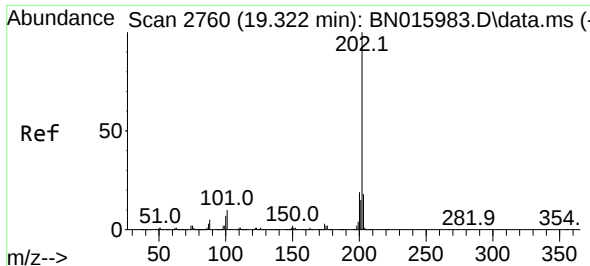
Tgt Ion:167 Resp: 212709
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.1 25.7
 139 13.4 11.6 17.4



Instrument :
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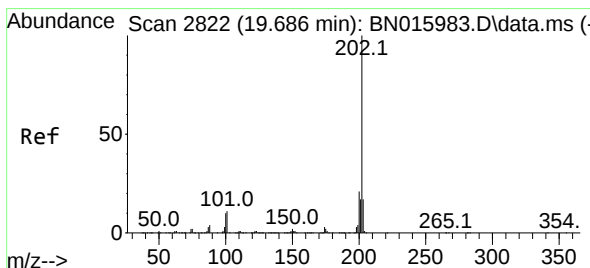
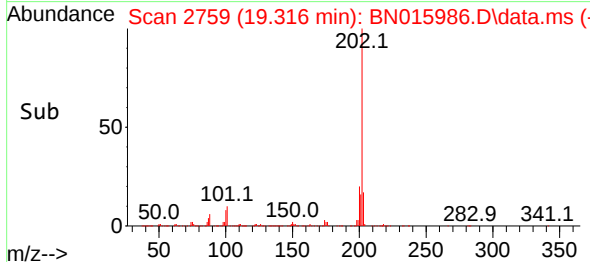
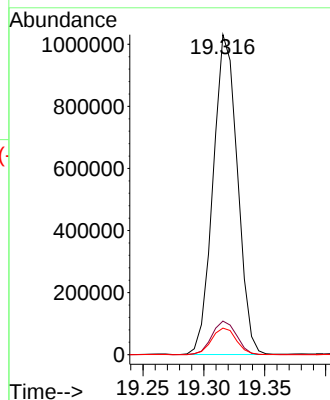
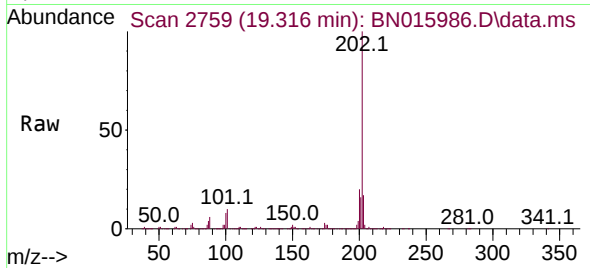
#80
Fluoranthene
Concen: 15.780 ng/ul
RT: 19.316 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51

Tgt Ion:202 Resp: 1432735
Ion Ratio Lower Upper
202 100
101 10.5 8.0 12.0
100 8.3 6.7 10.1

Instrument :
BNA_N
ClientSampled :
DBKA8DL

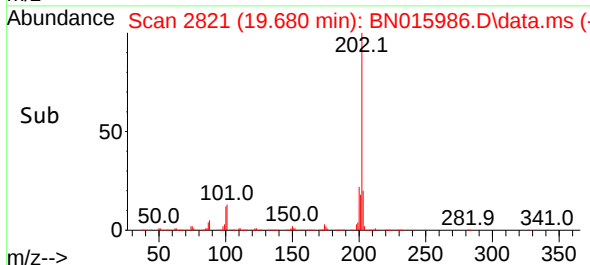
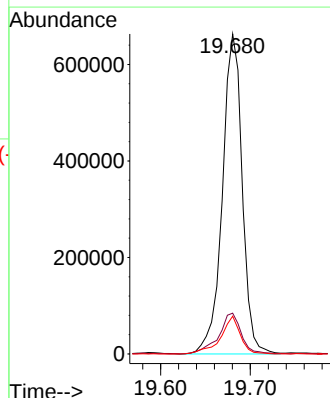
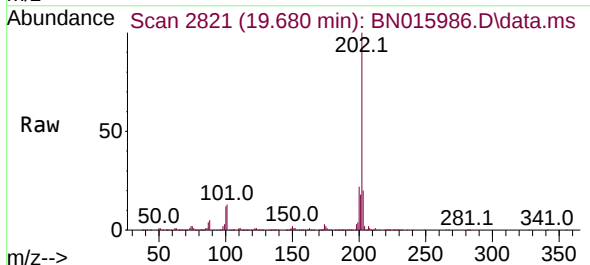
Manual Integrations
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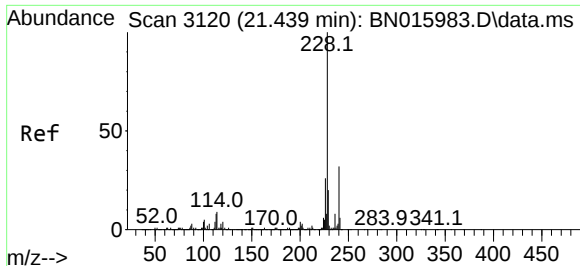
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#82
Pyrene
Concen: 10.784 ng/ul
RT: 19.680 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51

Tgt Ion:202 Resp: 1019072
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 11.8 9.2 13.8





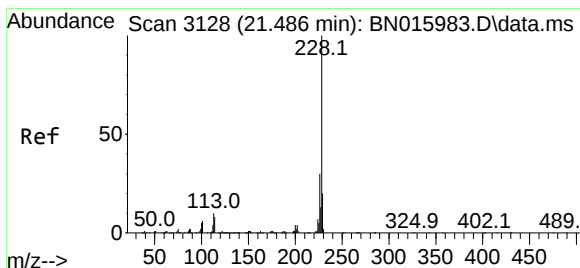
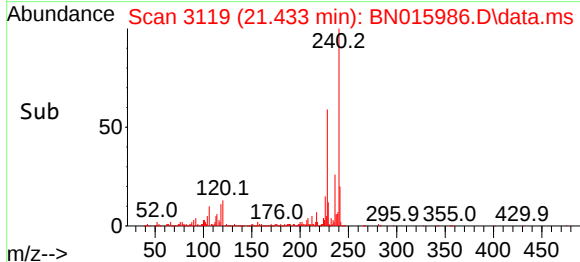
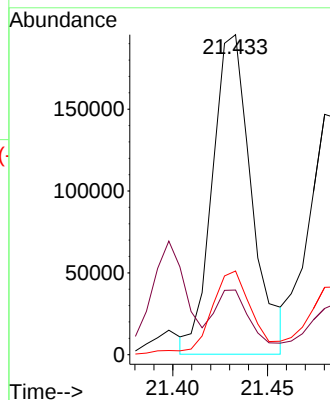
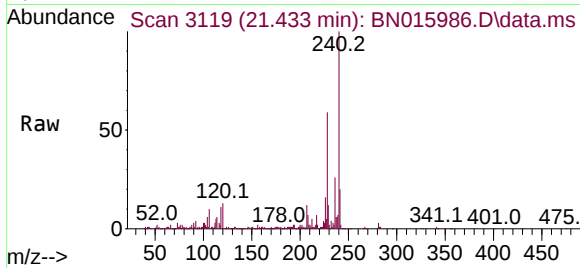
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Benzo(a)anthracene
Concen: 3.143 ng/ul
RT: 21.433 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51

Tgt Ion:228 Resp: 281737
Ion Ratio Lower Upper
228 100
229 20.2 14.5 21.7
226 26.1 20.9 31.3

Instrument :
BNA_N
ClientSampled :
DBKA8DL

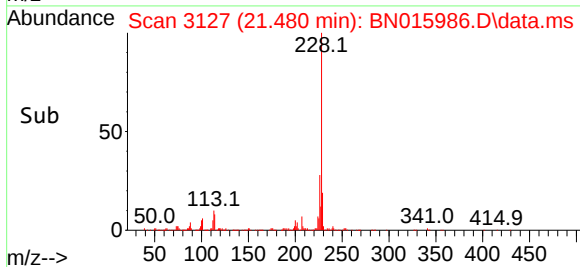
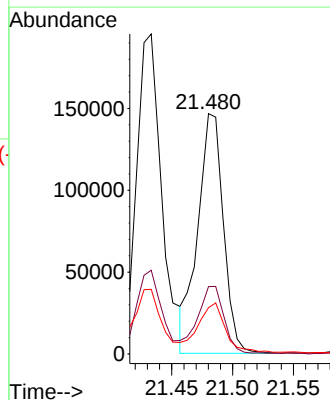
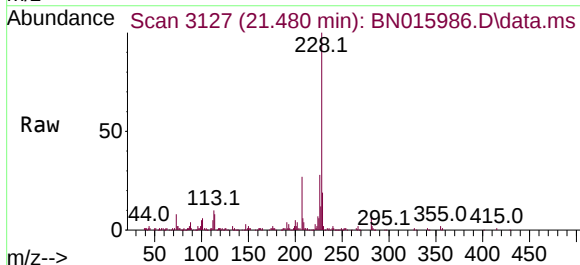
Manual Integrations
APPROVED

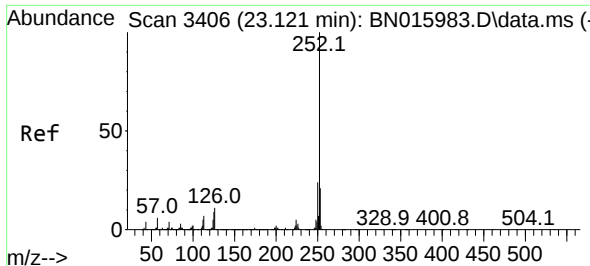
mohammad
8/23/2021 4:26:02 PM



#87
Chrysene
Concen: 2.473 ng/ul
RT: 21.480 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51

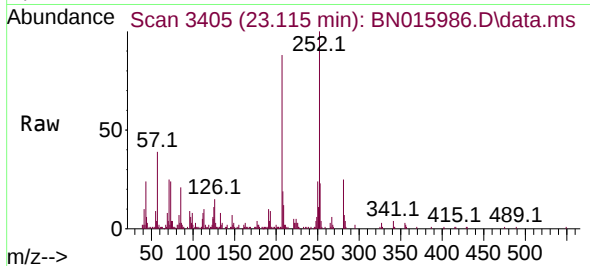
Tgt Ion:228 Resp: 214640
Ion Ratio Lower Upper
228 100
226 28.1 24.2 36.2
229 19.3 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 1.787 ng/ul
RT: 23.115 min Scan# 3405
Delta R.T. -0.006 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51

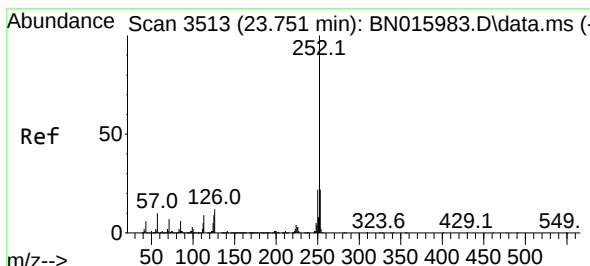
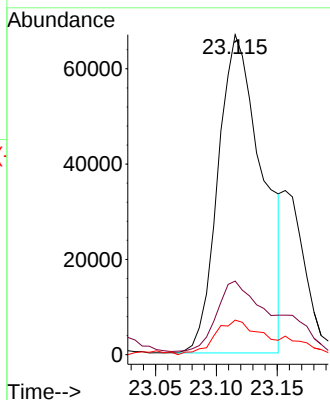
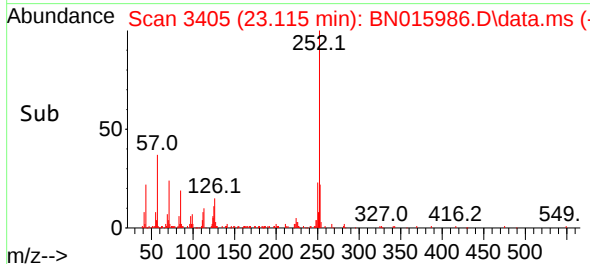
Instrument :
BNA_N
ClientSampleId :
DBKA8DL



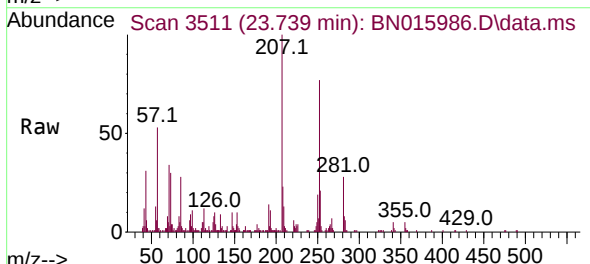
Tgt Ion:252 Resp: 169368
Ion Ratio Lower Upper
252 100
253 23.0 16.6 25.0
125 10.8 7.1 10.7#

Manual Integrations
APPROVED

mohammad
8/23/2021 4:26:02 PM



#93
Benzo(a)pyrene
Concen: 1.114 ng/ul
RT: 23.739 min Scan# 3511
Delta R.T. -0.012 min
Lab File: BN015986.D
Acq: 20 Aug 2021 14:51



Tgt Ion:252 Resp: 95562
Ion Ratio Lower Upper
252 100
253 27.0 18.0 27.0
125 9.9 7.2 10.8

