

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
 Data File : BP006610.D
 Acq On : 09 Aug 2021 12:41
 Operator : CG/JU
 Sample : M3169-04 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00A3

Manual Integrations
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Quant Time: Aug 09 13:10:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 07 13:59:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	208241	20.000	ng/u1	0.00
20) Naphthalene-d8	10.534	136	922244	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	528698	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.139	188	1009004	20.000	ng/u1	0.00
79) Chrysene-d12	21.245	240	926980	20.000	ng/u1	0.01
88) Perylene-d12	23.580	264	972311	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	7546	1.353	ng/uL	0.00
4) Pyridine-d5	3.687	84	87503	5.284	ng/u1	0.01
7) Phenol-d5	6.928	99	152956	7.821	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	95705	7.865	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	120723	8.308	ng/u1	0.00
15) 4-Methylphenol-d8	8.463	113	123091	8.003	ng/u1	0.00
21) Nitrobenzene-d5	8.904	128	61096	8.897	ng/u1	0.00
24) 2-Nitrophenol-d4	9.622	143	63154	9.632	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	104697	8.148	ng/u1	0.00
31) 4-Chloroaniline-d4	10.681	131	126364	5.974	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	341546	9.077	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	433135	9.369	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	38865	5.202	ng/u1	0.02
60) Fluorene-d10	15.381	176	288144	9.109	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	16829	2.992	ng/u1	0.02
73) Anthracene-d10	17.239	188	427143	9.378	ng/u1	0.00
81) Pyrene-d10	19.486	212	465600	9.765	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.427	264	447711	9.061	ng/u1	0.02
Target Compounds	Qvalue					
30) Naphthalene	10.587	128	2090469	43.689	ng/u1	100
36) 2-Methylnaphthalene	12.198	142	689158	21.019	ng/u1	99
37) 1-Methylnaphthalene	12.416	142	413865	12.541	ng/u1	100
43) 1,1'-Biphenyl	13.216	154	211534	5.337	ng/u1	99
50) Acenaphthylene	14.104	152	613614	13.630	ng/u1	99
52) Acenaphthene	14.445	153	894482	27.080	ng/u1	99
56) Dibenzofuran	14.787	168	2109540	47.622	ng/u1	100
61) Fluorene	15.434	166	2457375	67.439	ng/u1	99
72) Phenanthrene	17.192	178	14381200m	265.431	ng/u1	
74) Anthracene	17.275	178	3974330	72.343	ng/u1	98
77) Carbazole	17.551	167	1202117	23.921	ng/u1	100
80) Fluoranthene	19.169	202	13758713m	234.190	ng/u1	
82) Pyrene	19.522	202	11252806	184.583	ng/u1	98
85) Benzo(a)anthracene	21.233	228	5738029	99.895	ng/u1	95
87) Chrysene	21.280	228	4391990	79.770	ng/u1	97
90) Benzo(b)fluoranthene	22.874	252	5855701	94.816	ng/u1	98
91) Benzo(k)fluoranthene	22.916	252	2028805m	34.613	ng/u1	
93) Benzo(a)pyrene	23.486	252	4592411	85.072	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.998	276	2826108	40.898	ng/u1	97
95) Dibenzo(a,h)anthracene	25.998	278	721998	12.336	ng/u1#	76
96) Benzo(g,h,i)perylene	26.739	276	2149932	37.656	ng/u1	98

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

Instrument :
BNA_P
ClientSampleId :
C00A3

Manual Integrations
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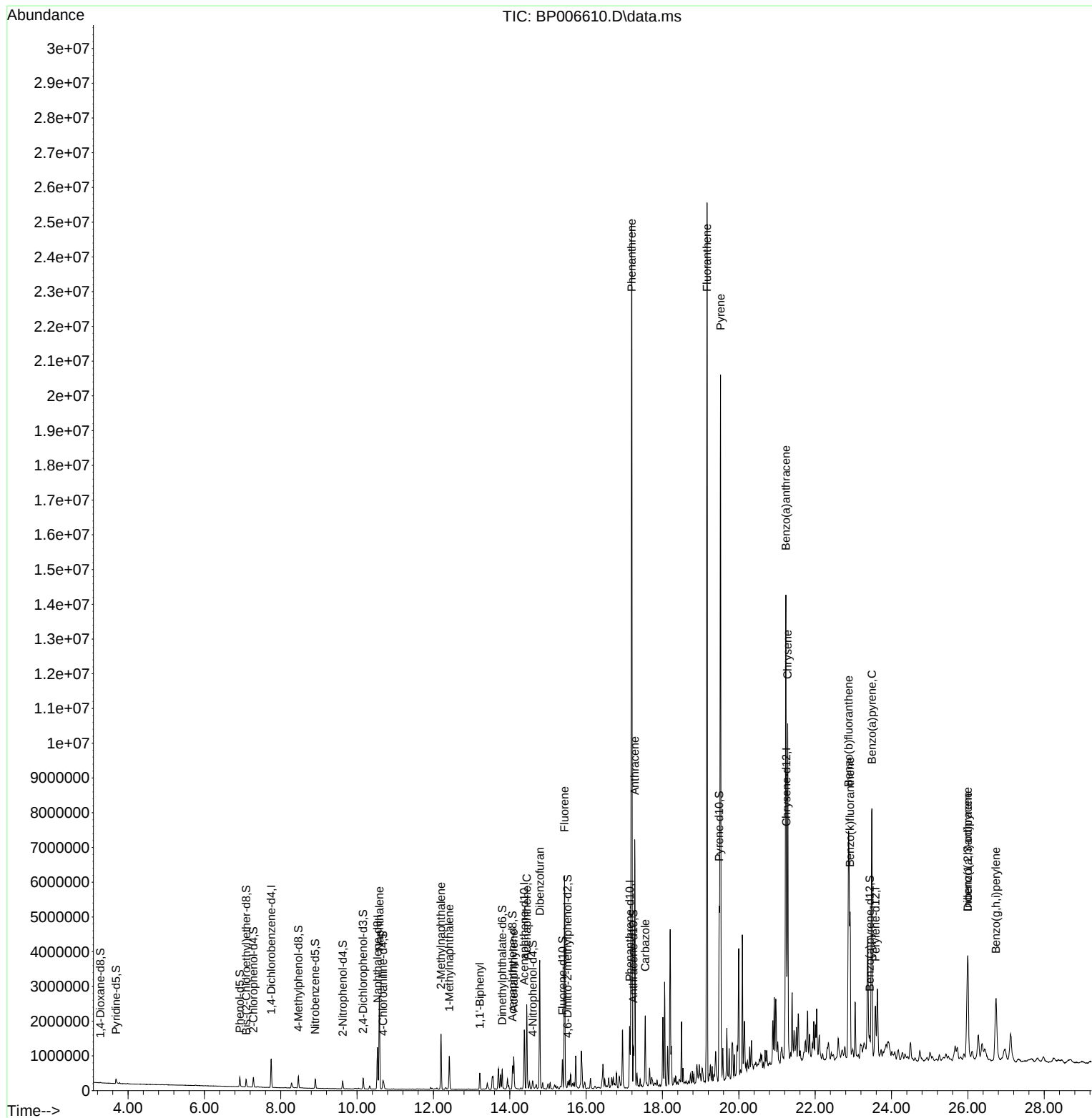
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006610.D
Acq On : 09 Aug 2021 12:41
Operator : CG/JU
Sample : M3169-04 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

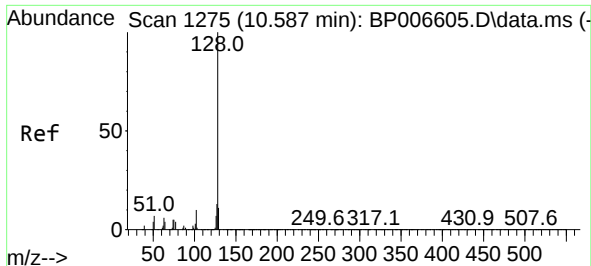
Instrument :
BNA_P
ClientSampleId :
C00A3

Manual Integrations
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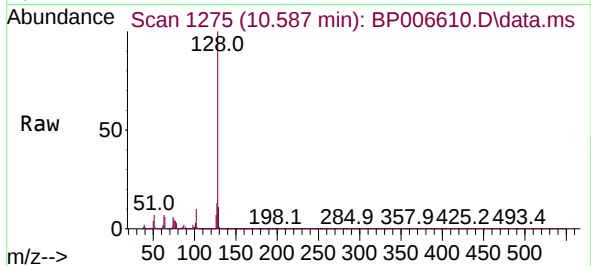
Quant Time: Aug 09 13:10:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 07 13:59:25 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 43.689 ng/ul
RT: 10.587 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41

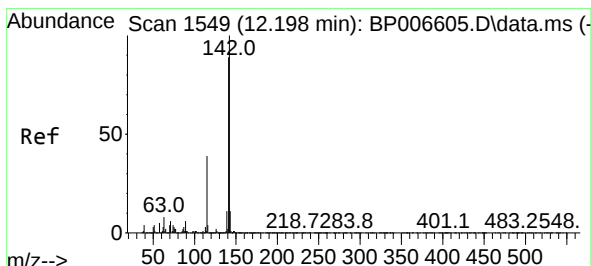
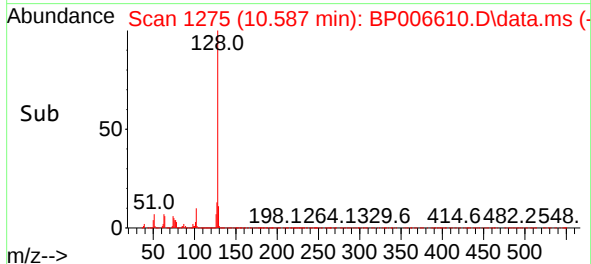
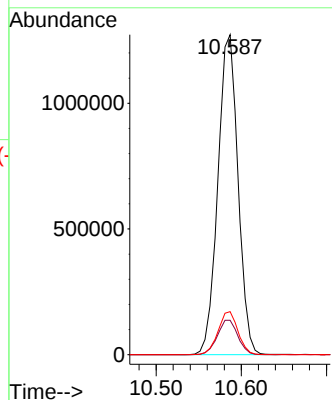
Instrument :
BNA_P
ClientSampleId :
C00A3



Tgt Ion:128 Resp: 2090469
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.4 10.6 15.8

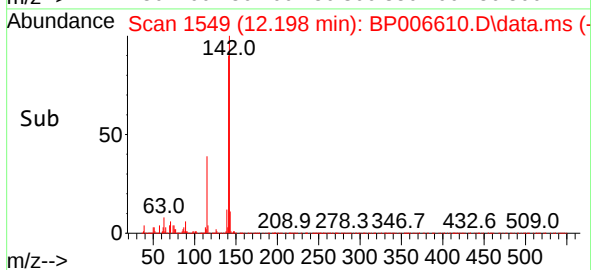
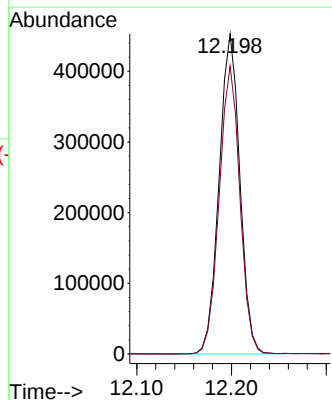
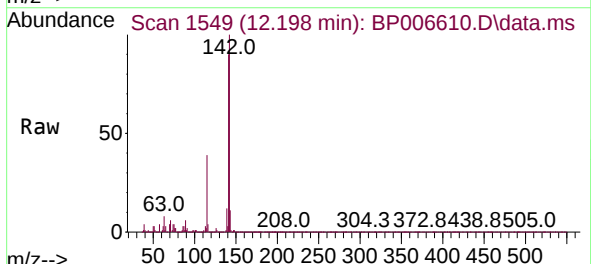
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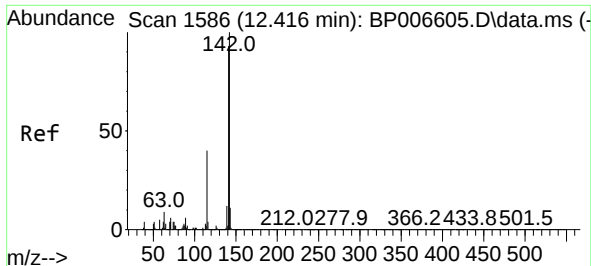
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#36
2-Methylnaphthalene
Concen: 21.019 ng/ul
RT: 12.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41

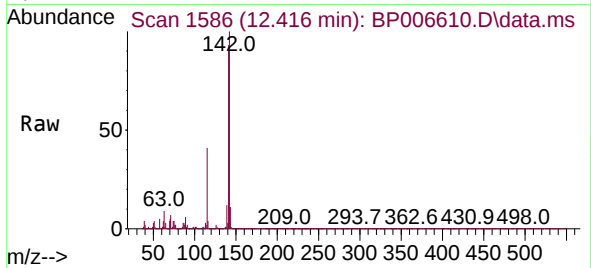
Tgt Ion:142 Resp: 689158
Ion Ratio Lower Upper
142 100
141 90.0 71.5 107.3





#37
1-Methylnaphthalene
Concen: 12.541 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41

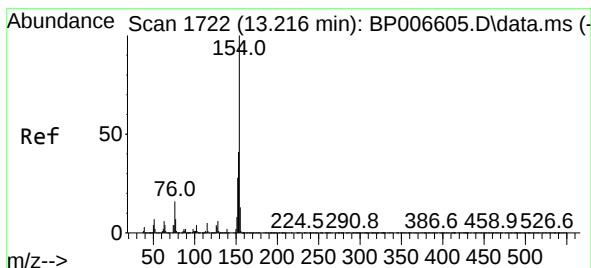
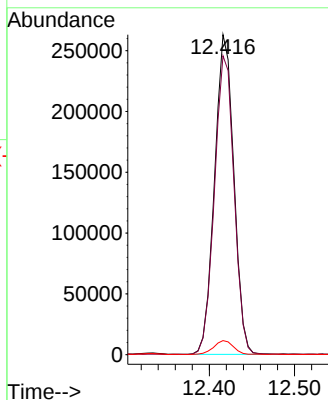
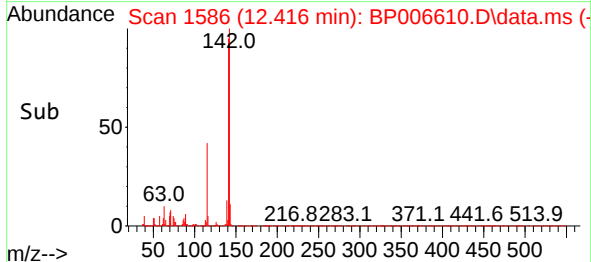
Instrument :
BNA_P
ClientSampled :
C00A3



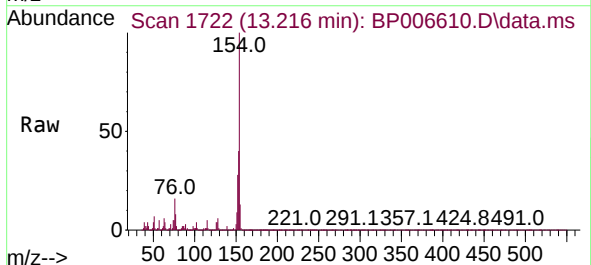
Tgt Ion:142 Resp: 413865
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6
116 4.4 3.3 4.9

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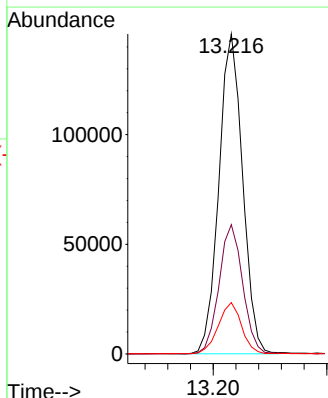
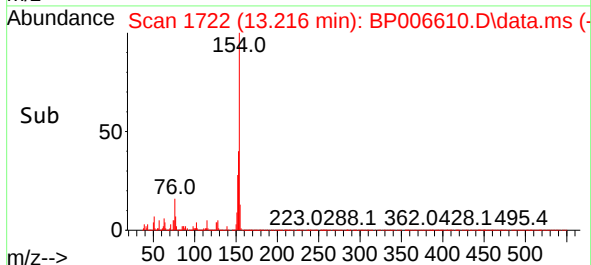
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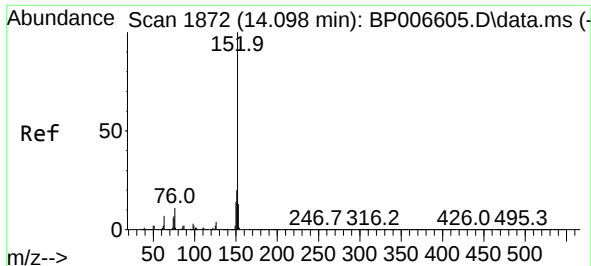


#43
1,1'-Biphenyl
Concen: 5.337 ng/ul
RT: 13.216 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41



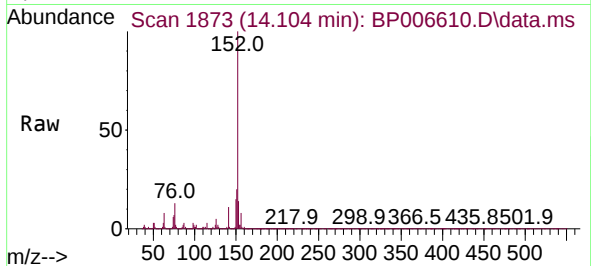
Tgt Ion:154 Resp: 211534
Ion Ratio Lower Upper
154 100
153 40.4 32.8 49.2
76 16.1 12.8 19.2





#50
Acenaphthylene
Concen: 13.630 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41

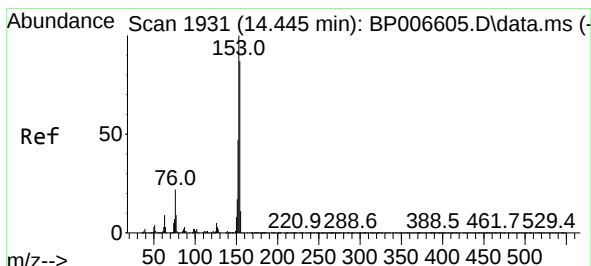
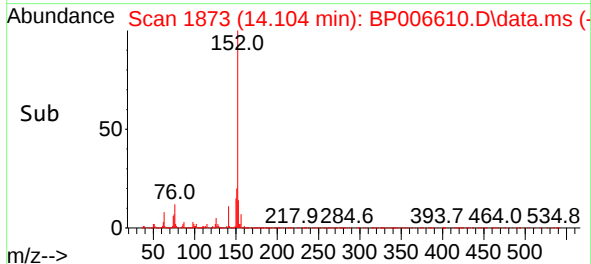
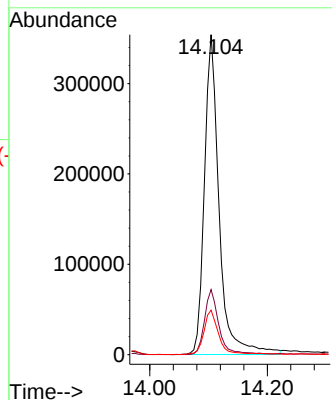
Instrument :
BNA_P
ClientSampleId :
C00A3



Tgt Ion:152 Resp: 613614
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.9 10.3 15.5

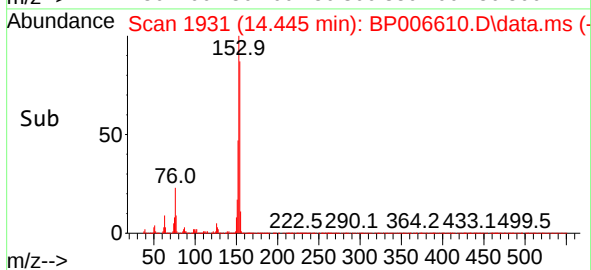
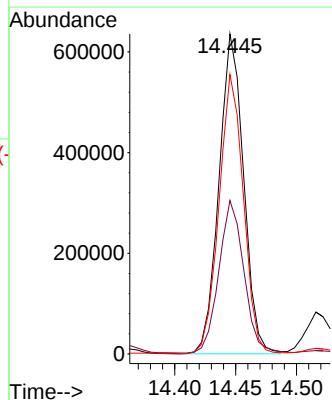
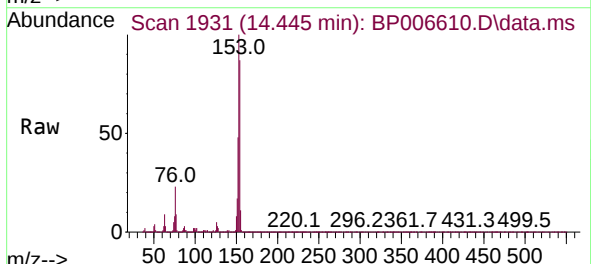
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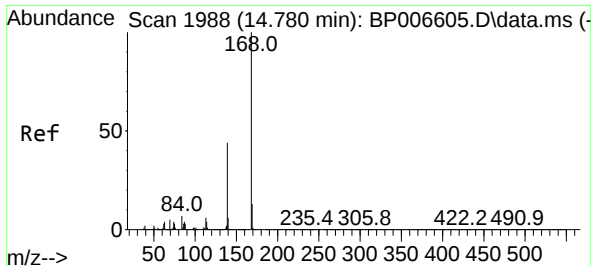
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#52
Acenaphthene
Concen: 27.080 ng/ul
RT: 14.445 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41

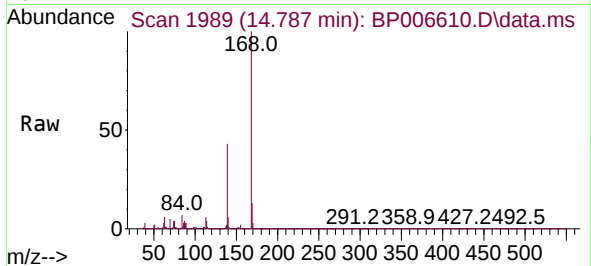
Tgt Ion:153 Resp: 894482
Ion Ratio Lower Upper
153 100
152 48.0 39.2 58.8
154 87.4 70.2 105.2





#56
Dibenzofuran
Concen: 47.622 ng/ul
RT: 14.787 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41

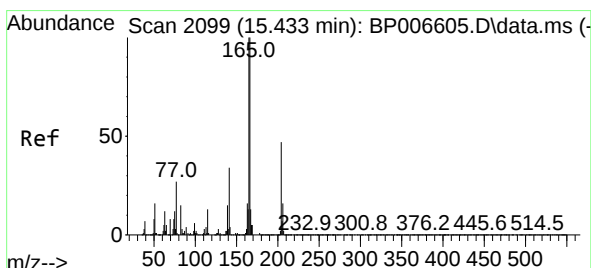
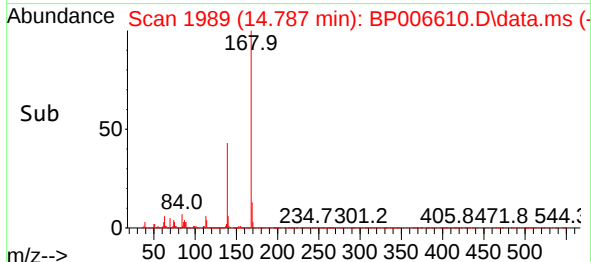
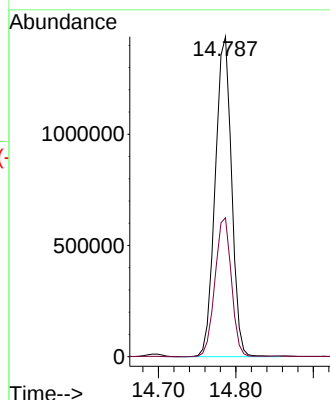
Instrument :
BNA_P
ClientSampleId :
C00A3



Tgt Ion:168 Resp: 2109540
Ion Ratio Lower Upper
168 100
139 43.4 34.6 52.0

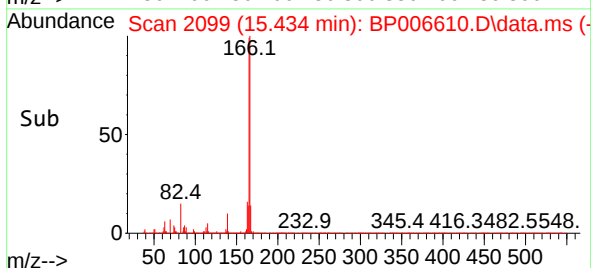
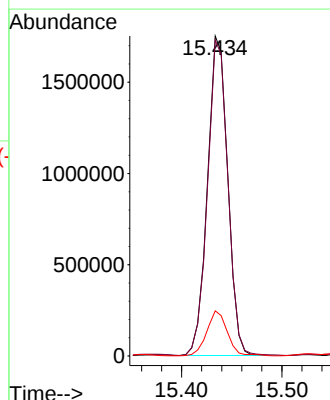
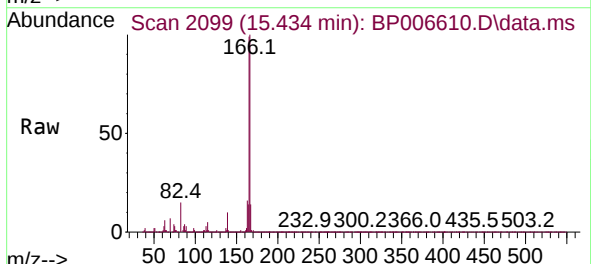
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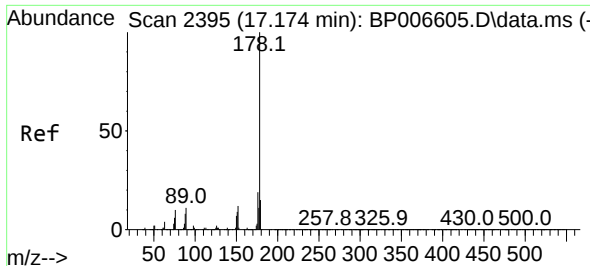
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#61
Fluorene
Concen: 67.439 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41

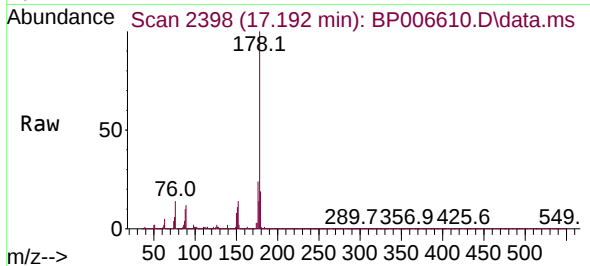
Tgt Ion:166 Resp: 2457375
Ion Ratio Lower Upper
166 100
165 98.8 79.4 119.2
167 14.1 10.6 16.0





#72
Phenanthrene
Concen: 265.431 ng/ul m
RT: 17.192 min Scan# 2398
Delta R.T. 0.017 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41

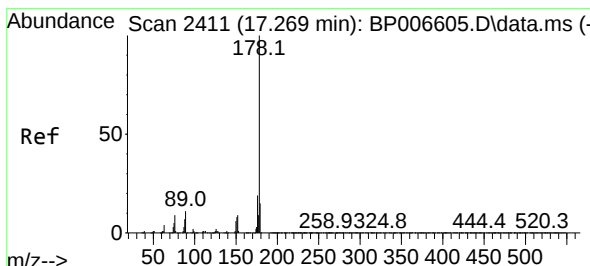
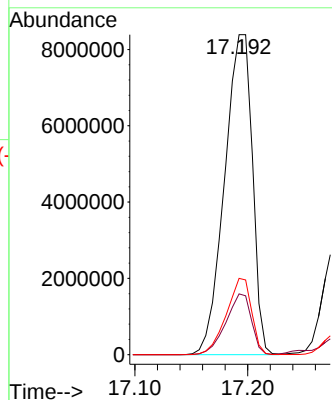
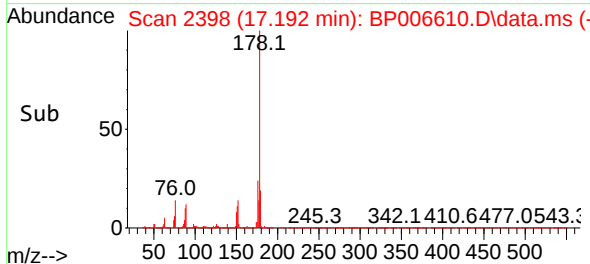
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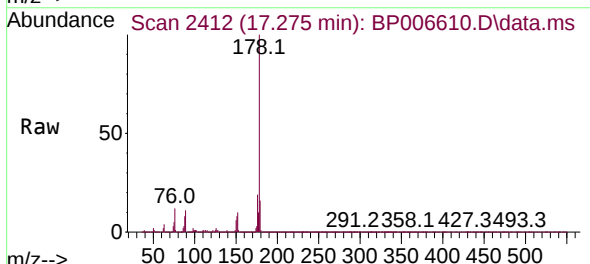
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Ion Ratio Lower Upper
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179 19.0 12.4 18.6#
176 23.8 15.2 22.8#

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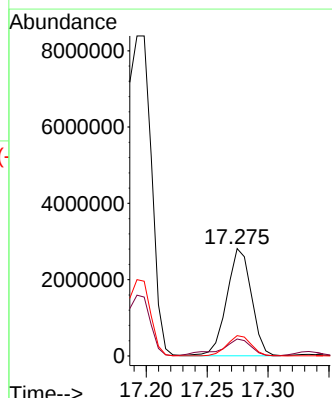
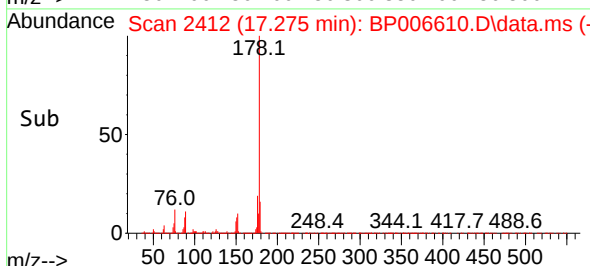
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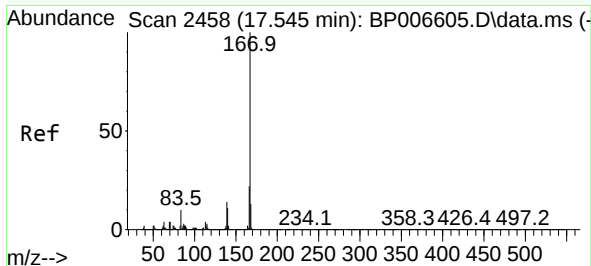


#74
Anthracene
Concen: 72.343 ng/ul
RT: 17.275 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41



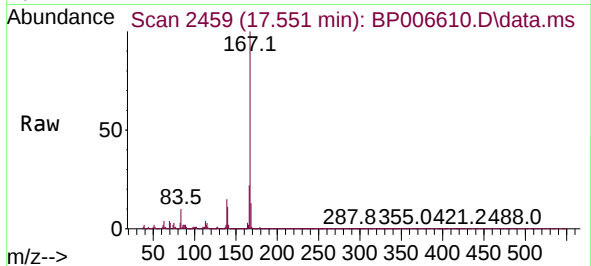
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Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 19.0 14.7 22.1





#77
 Carbazole
 Concen: 23.921 ng/ul
 RT: 17.551 min Scan# 2459
 Delta R.T. 0.006 min
 Lab File: BP006610.D
 Acq: 09 Aug 2021 12:41

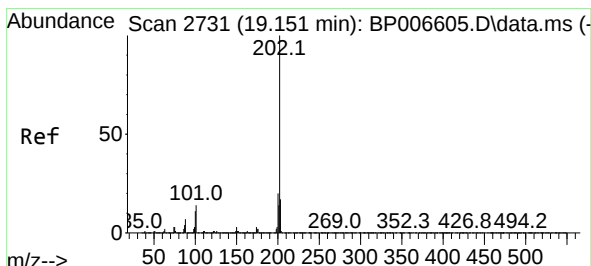
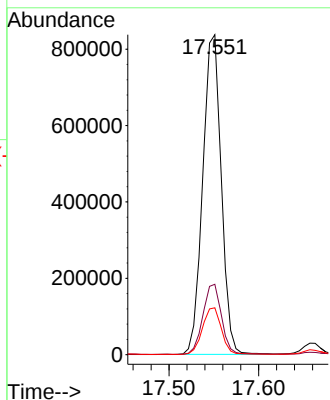
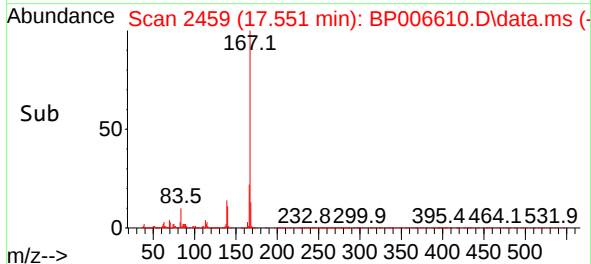
Instrument :
 BNA_P
 ClientSampled :
 C00A3



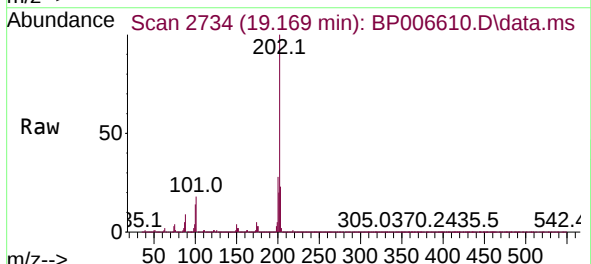
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 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 14.6 11.7 17.5

Manual Integrations
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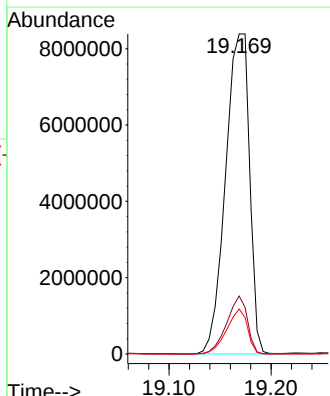
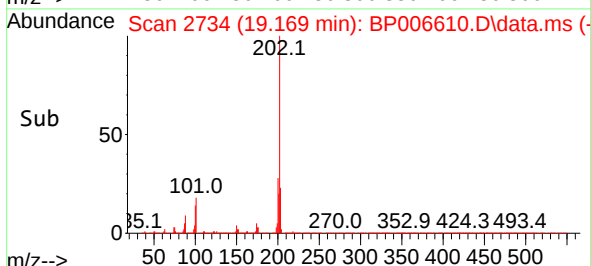
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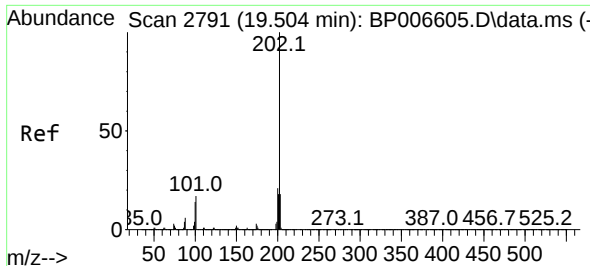


#80
 Fluoranthene
 Concen: 234.190 ng/ul m
 RT: 19.169 min Scan# 2734
 Delta R.T. 0.017 min
 Lab File: BP006610.D
 Acq: 09 Aug 2021 12:41



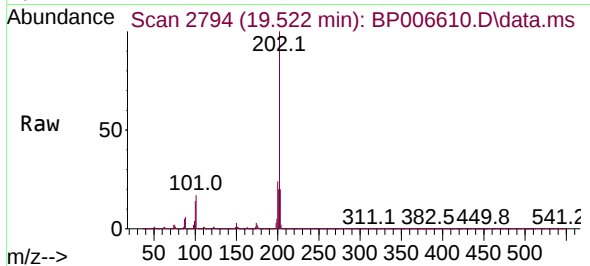
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 Ion Ratio Lower Upper
 202 100
 101 18.1 11.2 16.8#
 100 14.1 8.7 13.1#





#82
Pyrene
Concen: 184.583 ng/ul
RT: 19.522 min Scan# 2794
Delta R.T. 0.017 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41

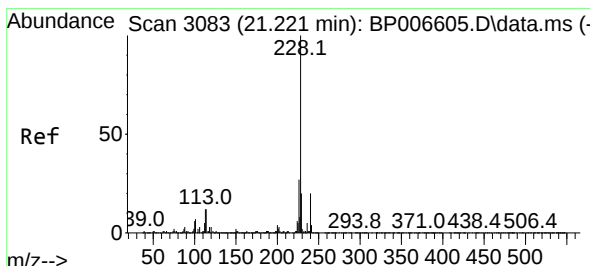
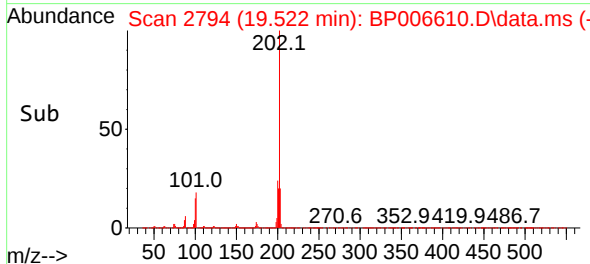
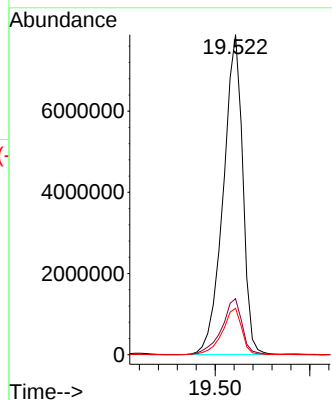
Instrument :
BNA_P
ClientSampled :
C00A3



Tgt Ion:202 Resp:11252806
Ion Ratio Lower Upper
202 100
101 17.5 13.0 19.6
100 14.5 11.4 17.0

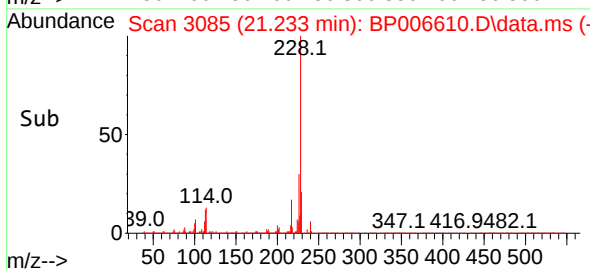
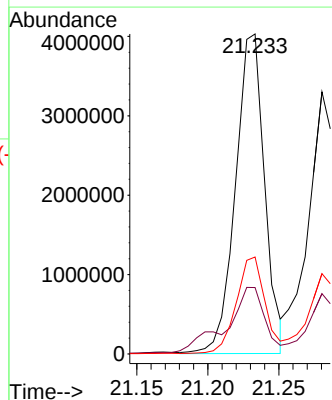
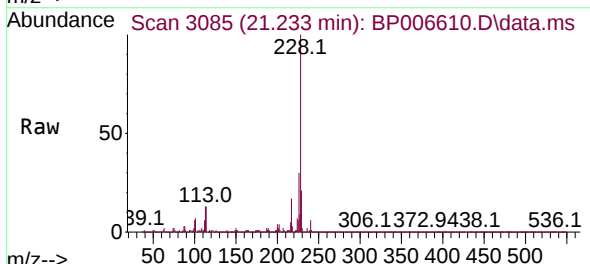
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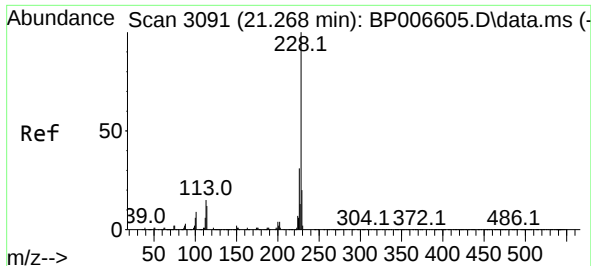
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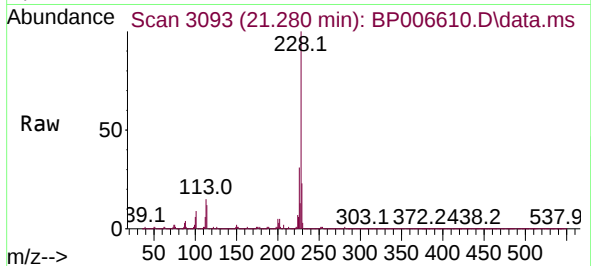
#85
Benzo(a)anthracene
Concen: 99.895 ng/ul
RT: 21.233 min Scan# 3085
Delta R.T. 0.017 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41

Tgt Ion:228 Resp: 5738029
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 30.3 21.2 31.8

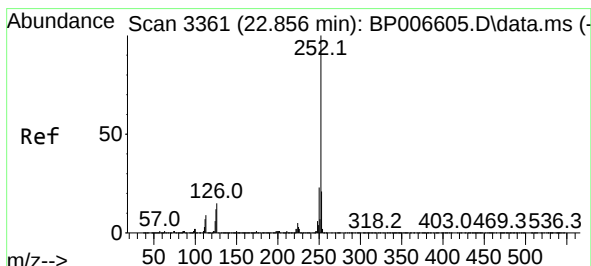
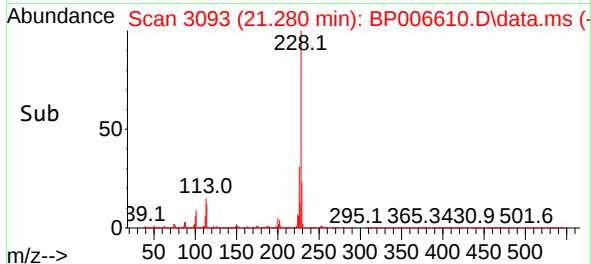
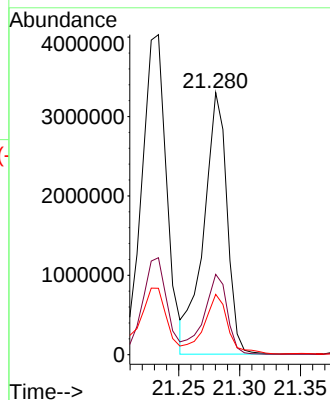




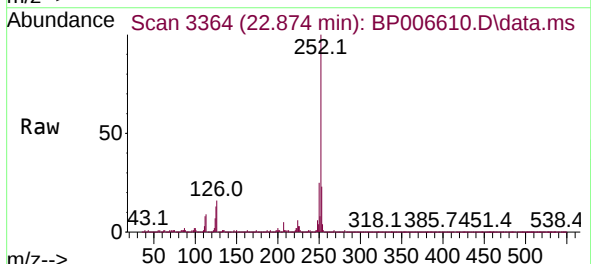
#87
Chrysene
Concen: 79.770 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. 0.012 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41



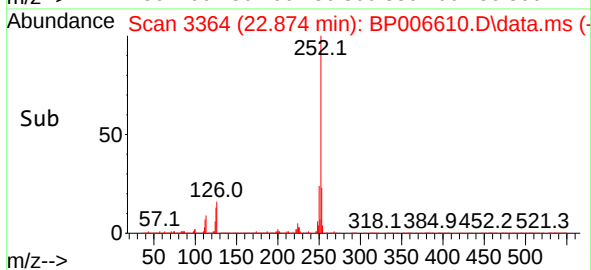
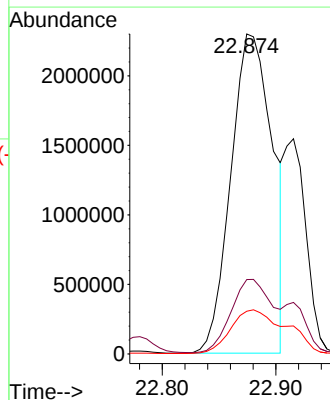
Tgt Ion:228 Resp: 4391990
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 23.0 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 94.816 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. 0.023 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41



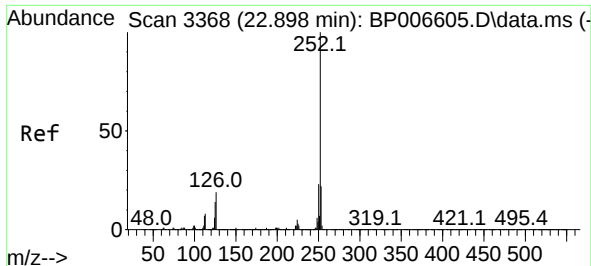
Tgt Ion:252 Resp: 5855701
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 13.3 10.6 15.8



Instrument :
BNA_P
ClientSampleId :
C00A3

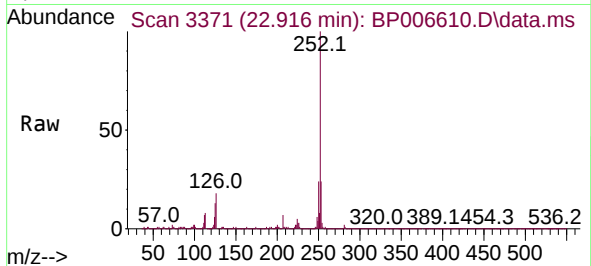
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#91
Benzo(k)fluoranthene
Concen: 34.613 ng/ul m
RT: 22.916 min Scan# 3371
Delta R.T. 0.017 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41

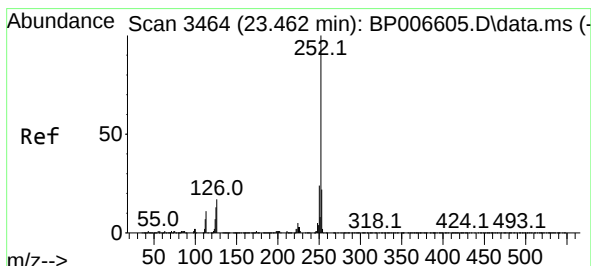
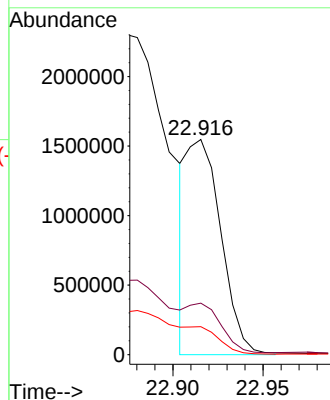
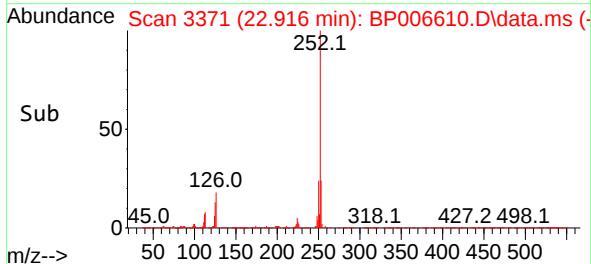
Instrument :
BNA_P
ClientSampleId :
C00A3



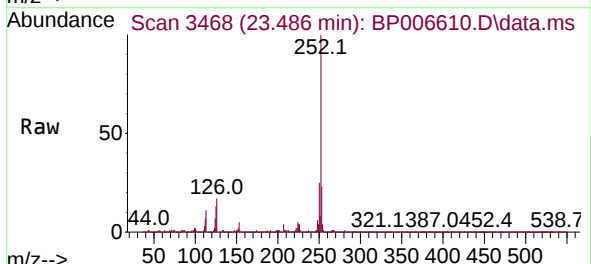
Tgt Ion:252 Resp: 2028805
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 13.0 9.6 14.4

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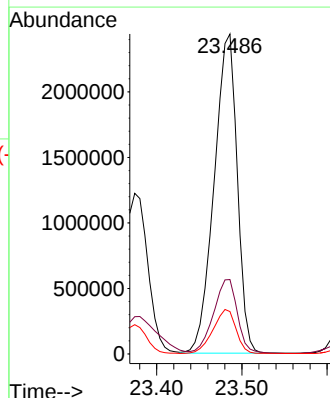
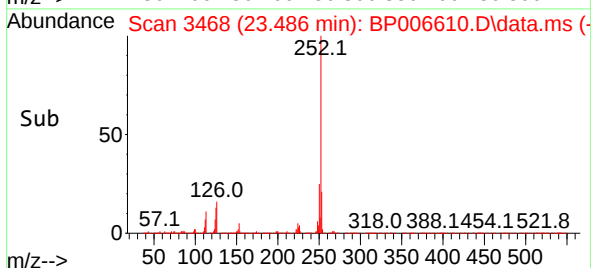
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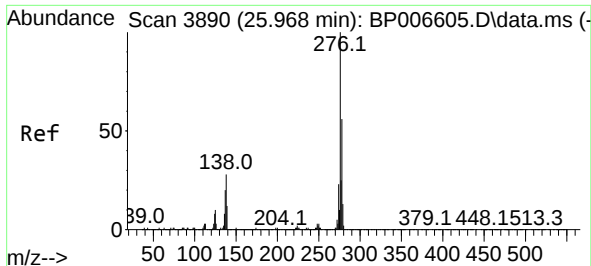


#93
Benzo(a)pyrene
Concen: 85.072 ng/ul
RT: 23.486 min Scan# 3468
Delta R.T. 0.029 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41



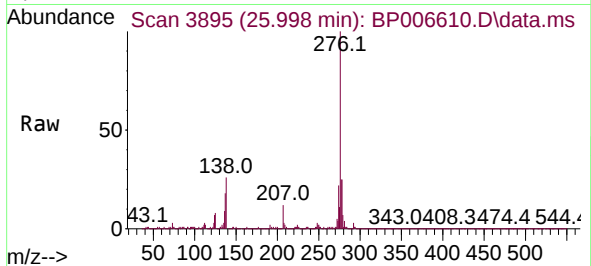
Tgt Ion:252 Resp: 4592411
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 13.3 11.6 17.4





#94
Indeno(1,2,3-cd)pyrene
Concen: 40.898 ng/ul
RT: 25.998 min Scan# 3895
Delta R.T. 0.035 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41

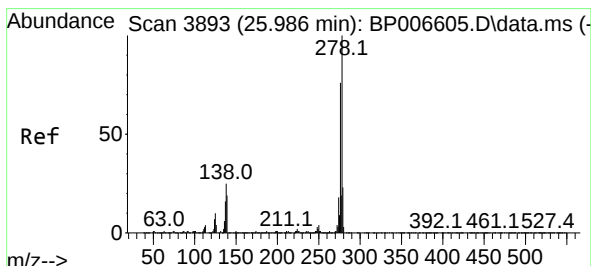
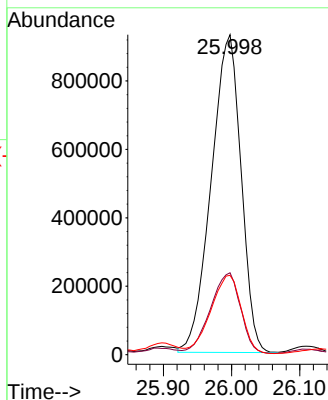
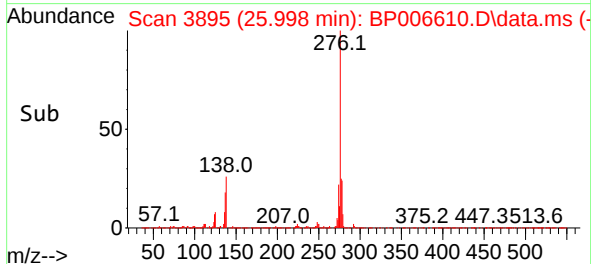
Instrument :
BNA_P
ClientSampleId :
C00A3



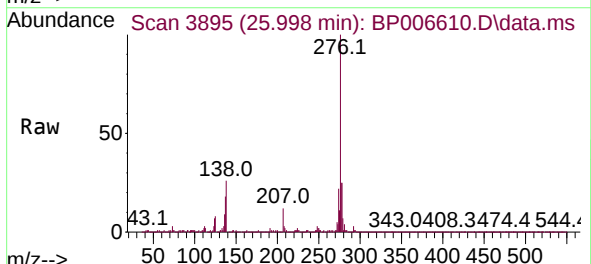
Tgt Ion: 276 Resp: 2826108
Ion Ratio Lower Upper
276 100
138 25.6 22.9 34.3
277 24.8 20.0 30.0

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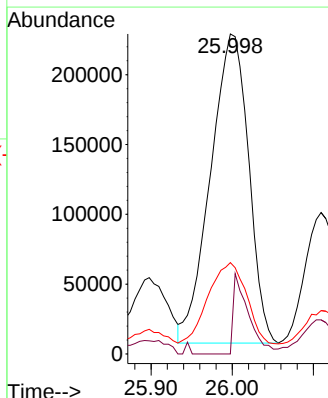
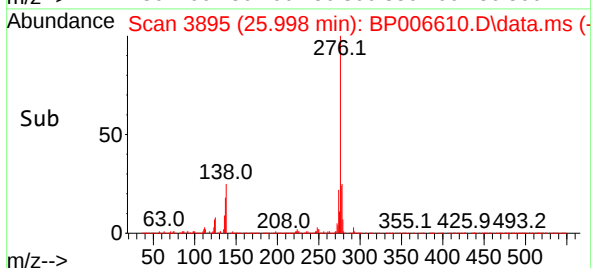
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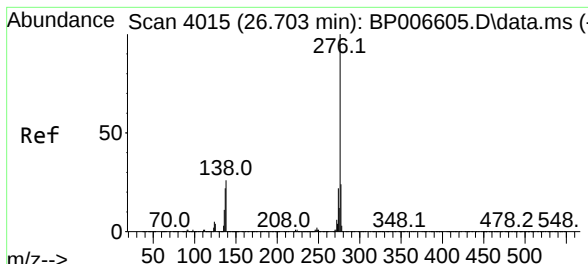


#95
Dibenzo(a,h)anthracene
Concen: 12.336 ng/ul
RT: 25.998 min Scan# 3895
Delta R.T. 0.012 min
Lab File: BP006610.D
Acq: 09 Aug 2021 12:41



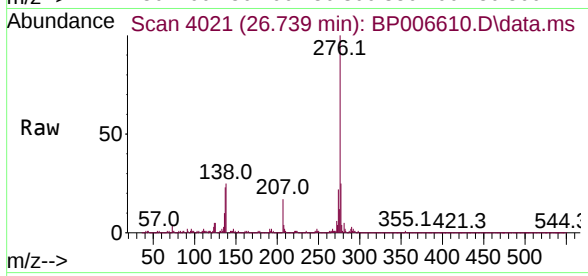
Tgt Ion: 278 Resp: 721998
Ion Ratio Lower Upper
278 100
139 0.0 15.1 22.7#
279 28.6 19.0 28.6#





#96
 Benzo(g,h,i)perylene
 Concen: 37.656 ng/ul
 RT: 26.739 min Scan# 4021
 Delta R.T. 0.035 min
 Lab File: BP006610.D
 Acq: 09 Aug 2021 12:41

Instrument :
 BNA_P
 ClientSampleId :
 C00A3



Tgt Ion: 276 Resp: 2149932

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.4	30.6
277	24.5	18.6	27.8

Manual Integrations
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