

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081321\
 Data File : BP006675.D
 Acq On : 13 Aug 2021 16:40
 Operator : CG/JU
 Sample : M3208-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00E8

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:03:02 AM

Quant Time: Aug 13 16:23:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 13 15:29:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	194134	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	852024	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	493588	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	985075	20.000	ng/ul	0.00
79) Chrysene-d12	21.221	240	914725	20.000	ng/ul	0.00
88) Perylene-d12	23.545	264	965469	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	12424	2.165	ng/uL	0.00
4) Pyridine-d5	3.628	84	75815	4.595	ng/ul	0.00
7) Phenol-d5	6.881	99	222372	11.394	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	167373	13.955	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	185597	12.769	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	131747	8.450	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	100815	13.939	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	102029	13.482	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	168307	13.163	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	20136	0.969	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	573289	15.145	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	704360	15.170	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	58607	7.412	ng/ul	0.00
60) Fluorene-d10	15.351	176	490556	15.935	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	65393	10.043	ng/ul	0.00
73) Anthracene-d10	17.210	188	741223	15.903	ng/ul	0.00
81) Pyrene-d10	19.457	212	814083	16.947	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.392	264	786755	15.112	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.852	77	13156	1.371	ng/ul	90
30) Naphthalene	10.540	128	50095	1.083	ng/ul	97
36) 2-Methylnaphthalene	12.157	142	48863	1.538	ng/ul	98
37) 1-Methylnaphthalene	12.381	142	47913	1.515	ng/ul#	98
50) Acenaphthylene	14.069	152	79315	1.747	ng/ul	99
72) Phenanthrene	17.157	178	551975	9.919	ng/ul	99
74) Anthracene	17.245	178	103589	1.833	ng/ul	98
77) Carbazole	17.522	167	69961	1.325	ng/ul	96
80) Fluoranthene	19.133	202	828555	13.723	ng/ul	99
82) Pyrene	19.486	202	694797	11.142	ng/ul	99
85) Benzo(a)anthracene	21.204	228	393015	6.596	ng/ul#	88
87) Chrysene	21.257	228	598349	10.416	ng/ul#	94
90) Benzo(b)fluoranthene	22.839	252	656604	10.469	ng/ul	97
91) Benzo(k)fluoranthene	22.880	252	164855m	2.715	ng/ul	
93) Benzo(a)pyrene	23.439	252	405449	7.136	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.945	276	405583	5.460	ng/ul	98
95) Dibenzo(a,h)anthracene	25.957	278	156878	2.514	ng/ul#	75
96) Benzo(g,h,i)perylene	26.686	276	174287	2.826	ng/ul	92

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

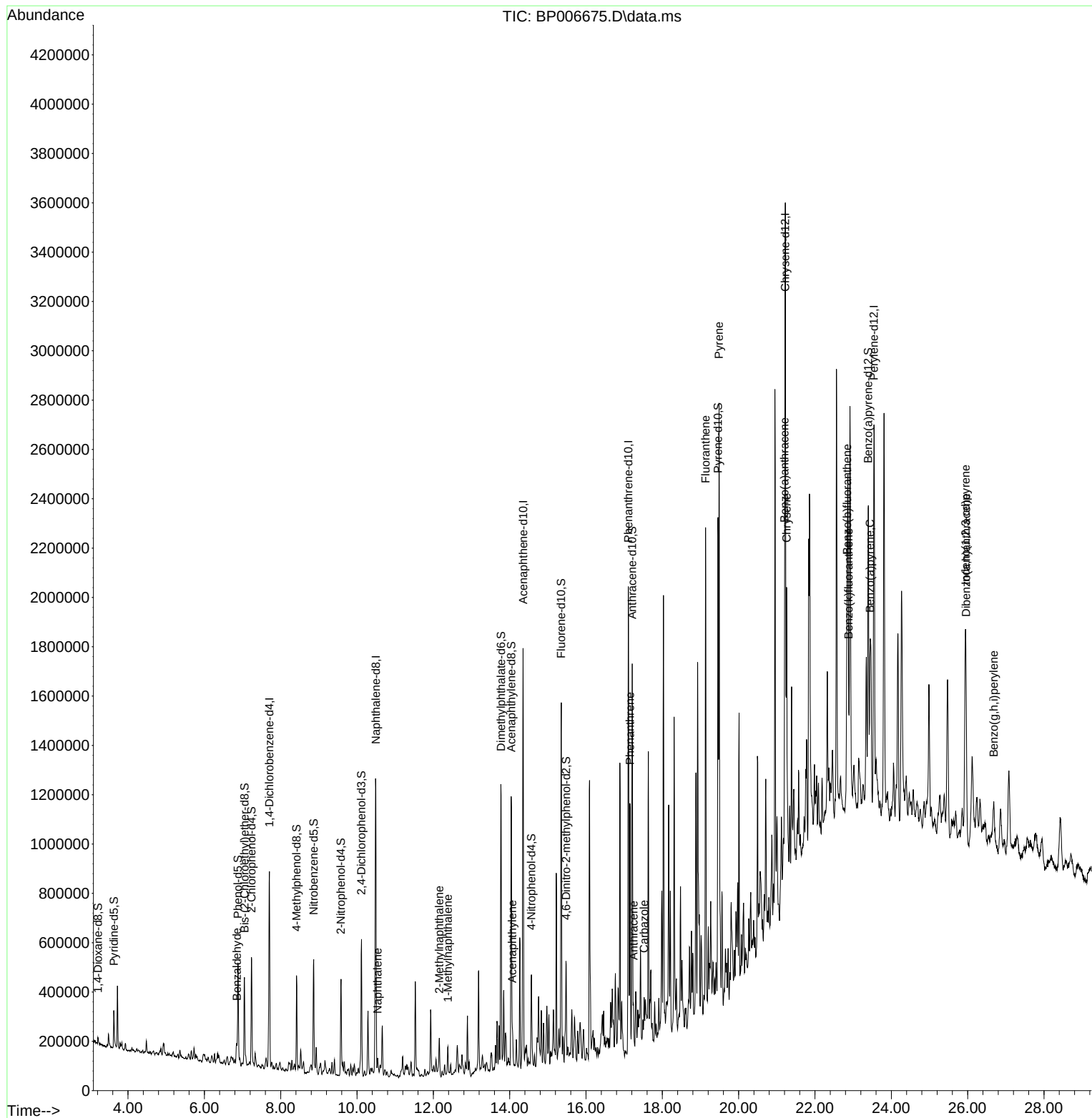
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081321\
Data File : BP006675.D
Acq On : 13 Aug 2021 16:40
Operator : CG/JU
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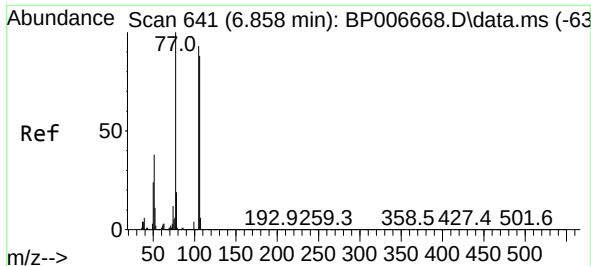
Instrument :
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Quant Title : SVOA CALIBRATION
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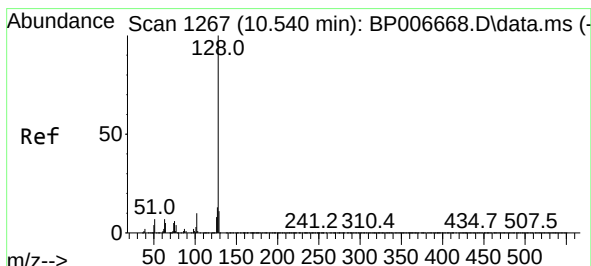
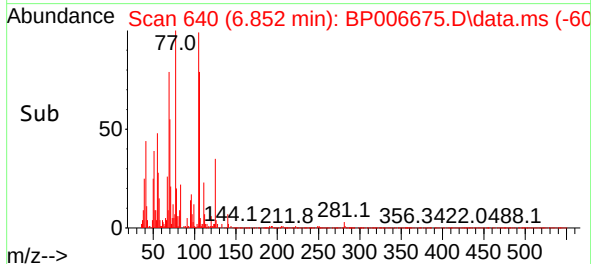
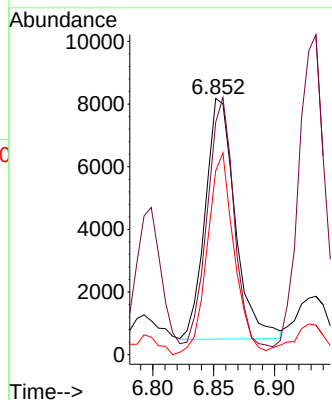
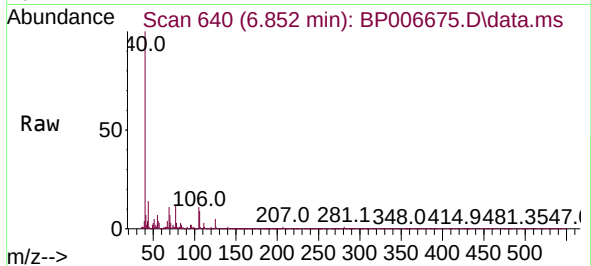
#6
Benzaldehyde
Concen: 1.371 ng/ul
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40

Tgt Ion: 77	Resp: 13156
Ion Ratio	Lower Upper
77 100	
105 90.8	74.4 111.6
106 71.8	70.3 105.5

Instrument :
BNA_P
ClientSampled :
C00E8

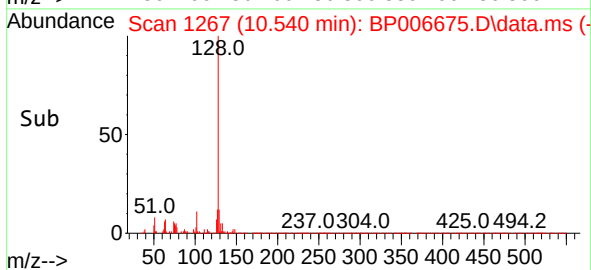
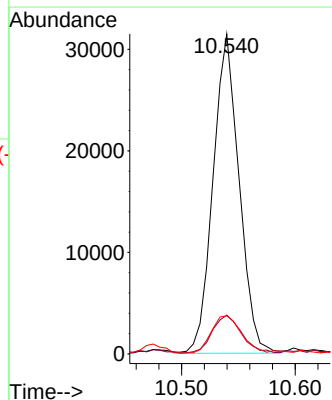
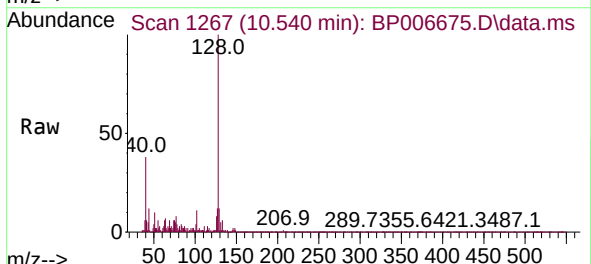
Manual Integrations
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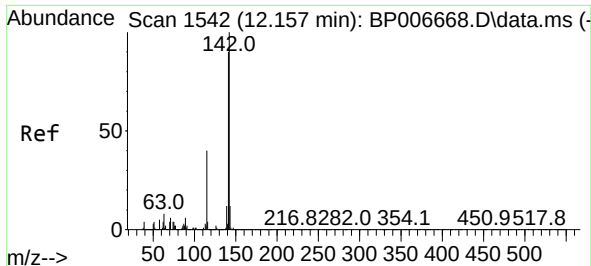
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#30
Naphthalene
Concen: 1.083 ng/ul
RT: 10.540 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40

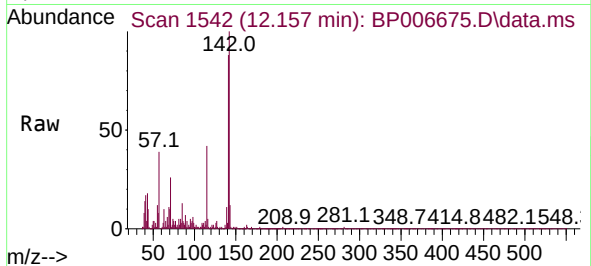
Tgt Ion: 128	Resp: 50095
Ion Ratio	Lower Upper
128 100	
129 12.1	8.8 13.2
127 11.9	10.6 15.8





#36
2-Methylnaphthalene
Concen: 1.538 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40

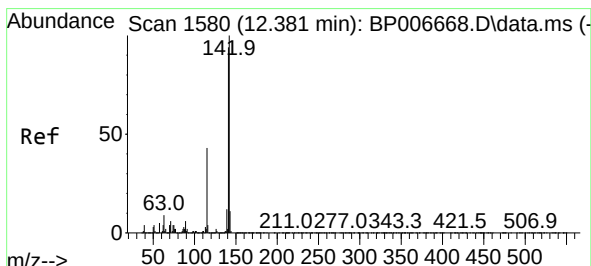
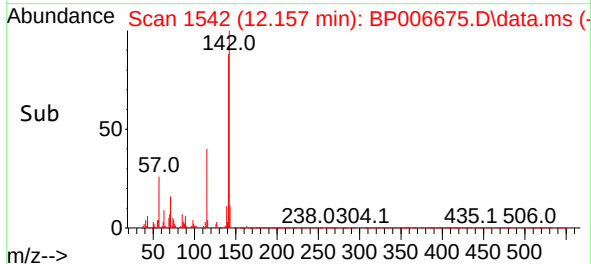
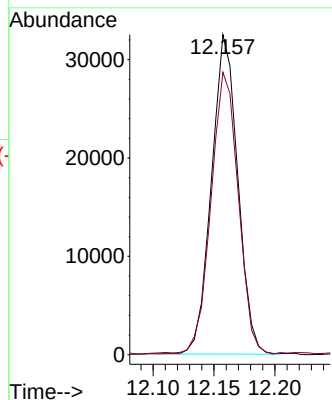
Instrument :
BNA_P
ClientSampled :
C00E8



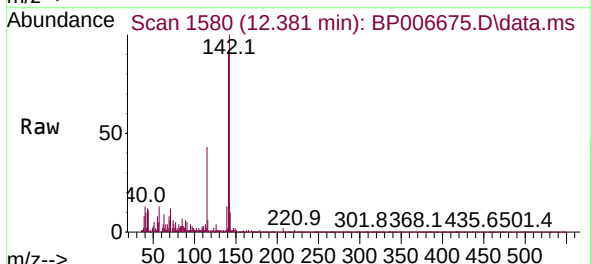
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Ion Ratio Lower Upper
142 100
141 88.2 72.3 108.5

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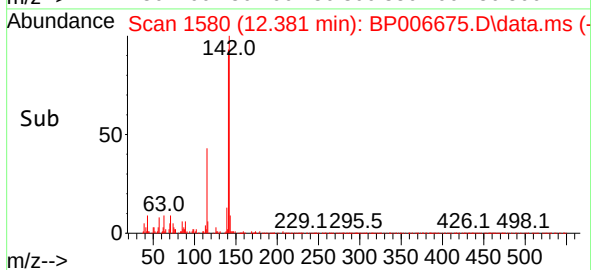
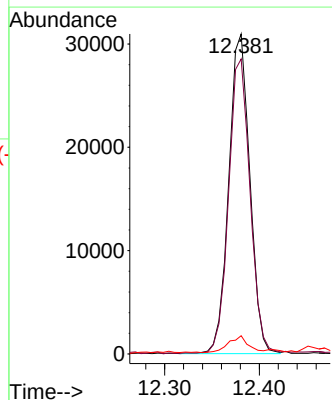
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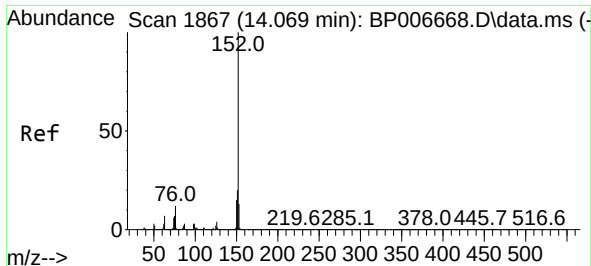


#37
1-Methylnaphthalene
Concen: 1.515 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40



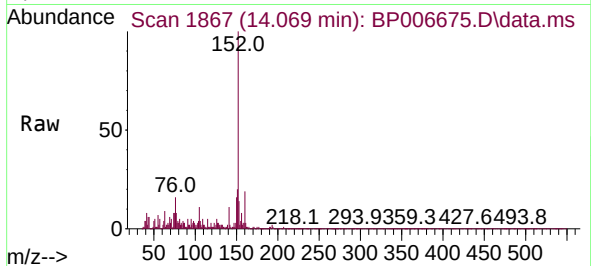
Tgt Ion:142 Resp: 47913
Ion Ratio Lower Upper
142 100
141 92.2 74.9 112.3
116 5.7 3.3 4.9#





#50
Acenaphthylene
Concen: 1.747 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40

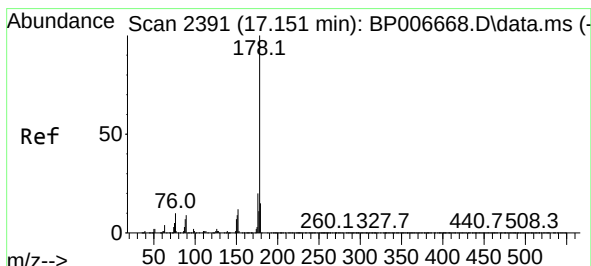
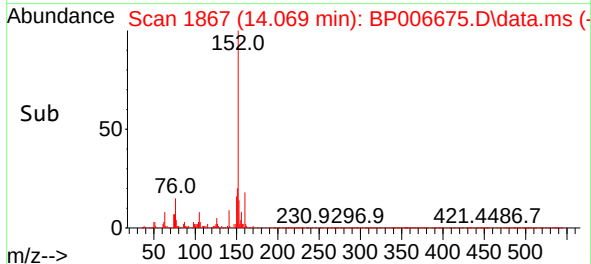
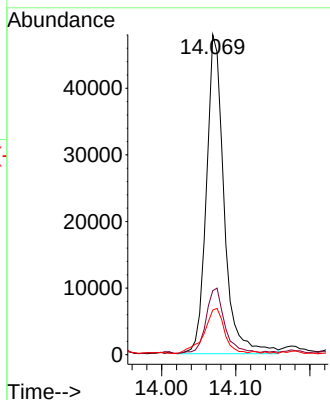
Instrument :
BNA_P
ClientSampled :
C00E8



Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.9	10.4	15.6

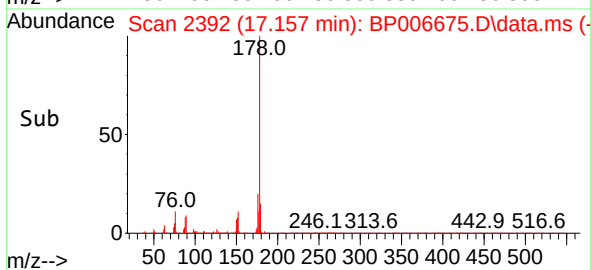
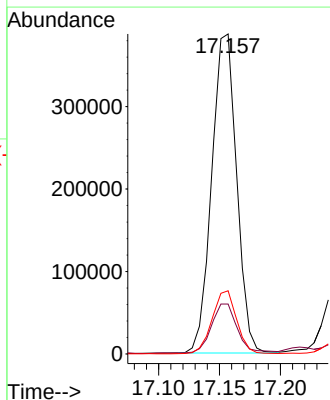
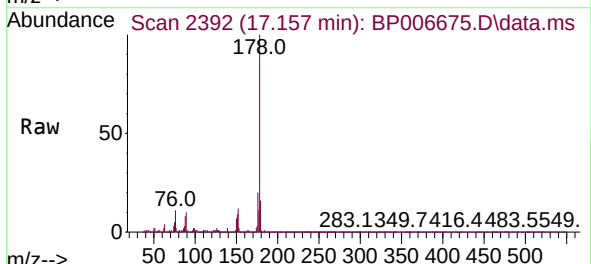
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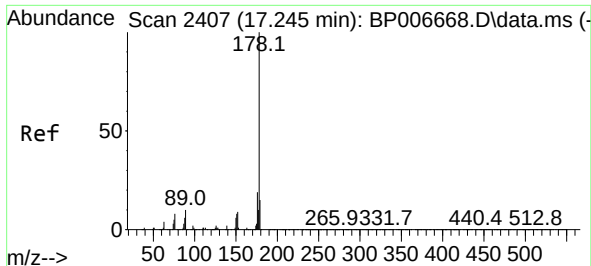
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#72
Phenanthrene
Concen: 9.919 ng/ul
RT: 17.157 min Scan# 2392
Delta R.T. 0.006 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40

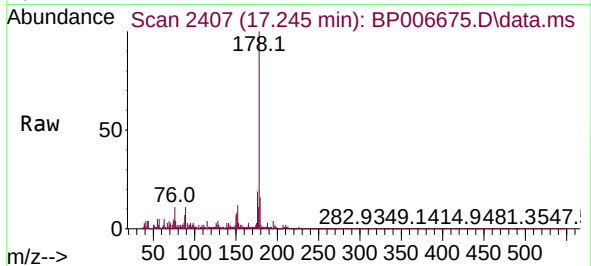
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.0	18.0
176	19.8	15.6	23.4





#74
 Anthracene
 Concen: 1.833 ng/ul
 RT: 17.245 min Scan# 2407
 Delta R.T. -0.000 min
 Lab File: BP006675.D
 Acq: 13 Aug 2021 16:40

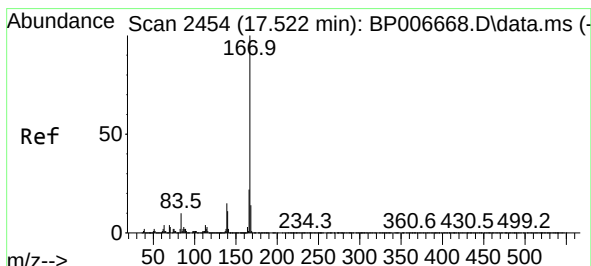
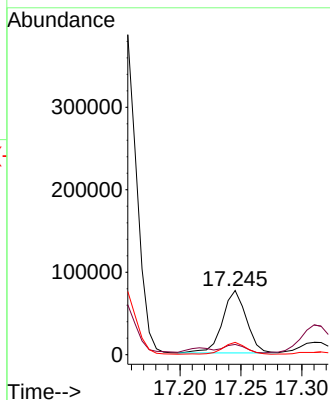
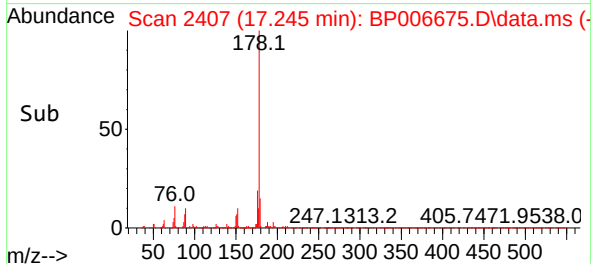
Instrument :
 BNA_P
 ClientSampled :
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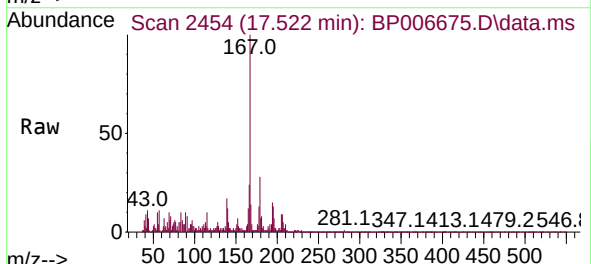
Tgt Ion:178 Resp: 103589
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.1 18.1
 176 19.2 14.9 22.3

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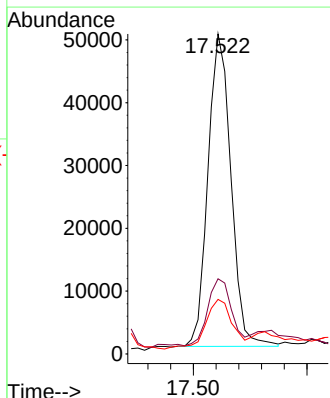
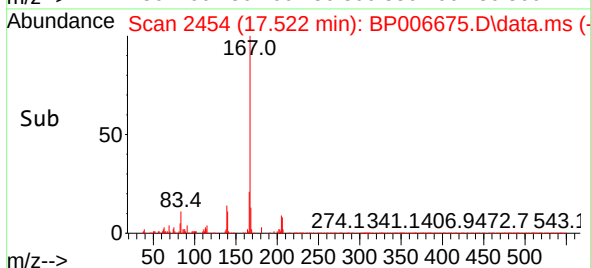
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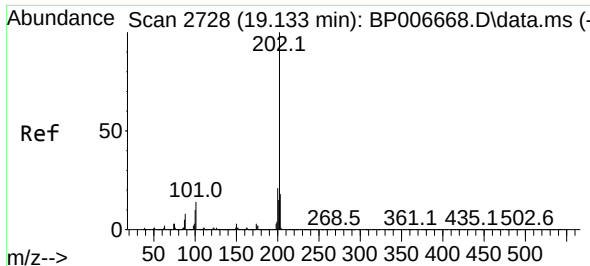


#77
 Carbazole
 Concen: 1.325 ng/ul
 RT: 17.522 min Scan# 2454
 Delta R.T. -0.000 min
 Lab File: BP006675.D
 Acq: 13 Aug 2021 16:40



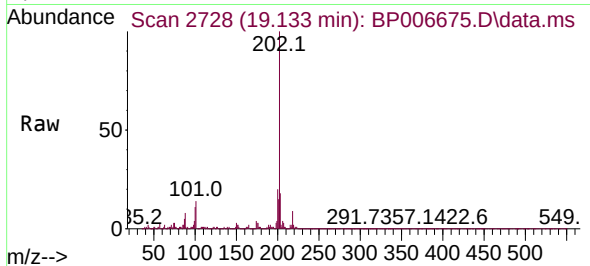
Tgt Ion:167 Resp: 69961
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.6 26.4
 139 17.0 11.9 17.9





#80
Fluoranthene
Concen: 13.723 ng/ul
RT: 19.133 min Scan# 2728
Delta R.T. -0.000 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40

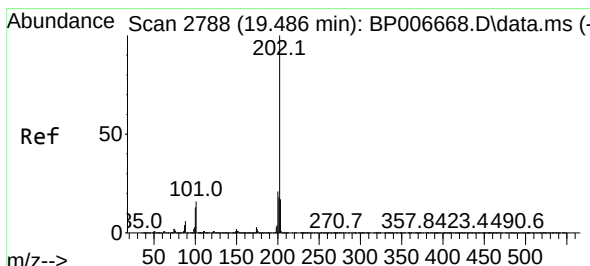
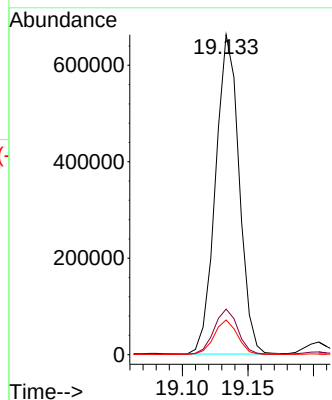
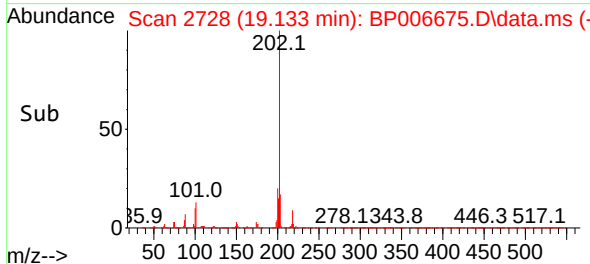
Instrument :
BNA_P
ClientSampled :
C00E8



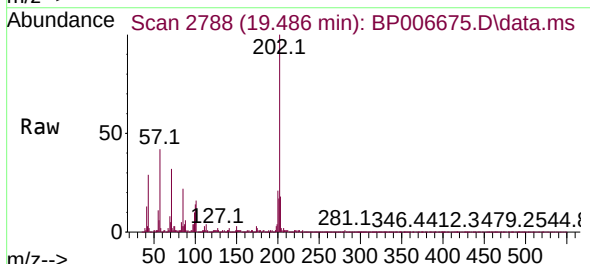
Tgt Ion:202 Resp: 828555
Ion Ratio Lower Upper
202 100
101 14.3 11.0 16.4
100 10.9 8.3 12.5

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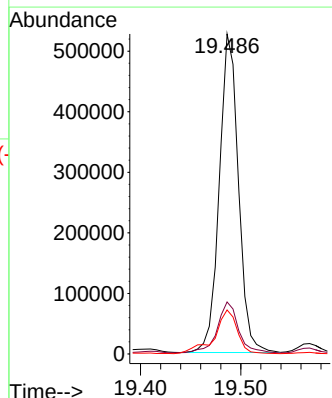
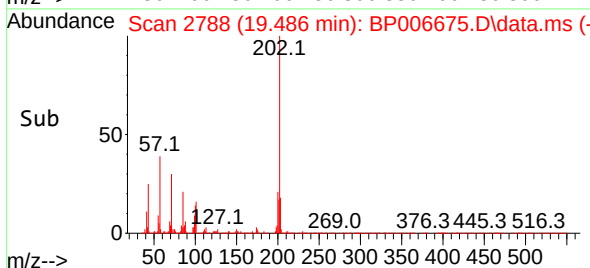
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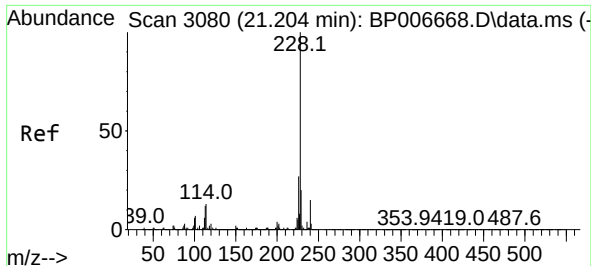


#82
Pyrene
Concen: 11.142 ng/ul
RT: 19.486 min Scan# 2788
Delta R.T. -0.000 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40

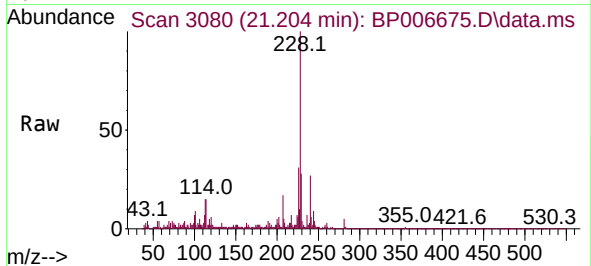


Tgt Ion:202 Resp: 694797
Ion Ratio Lower Upper
202 100
101 16.2 12.6 19.0
100 13.7 10.6 15.8

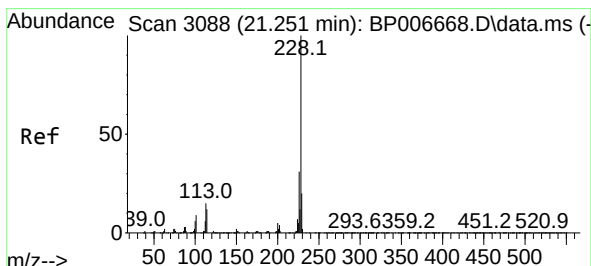
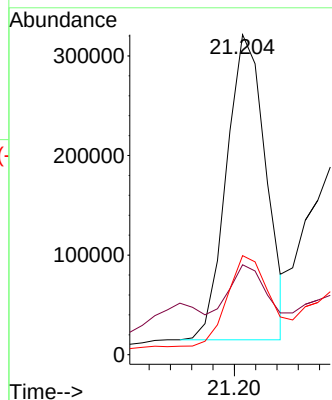
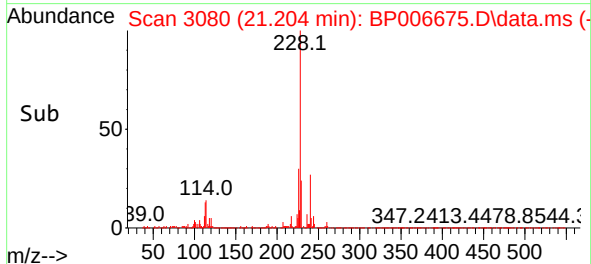




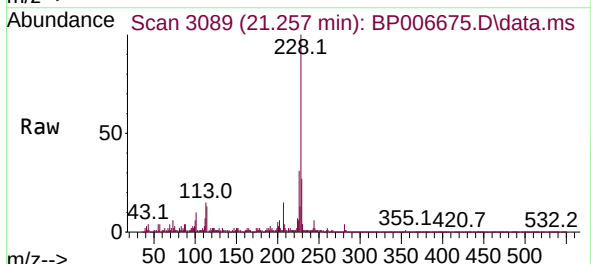
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Benzo(a)anthracene
Concen: 6.596 ng/ul
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40



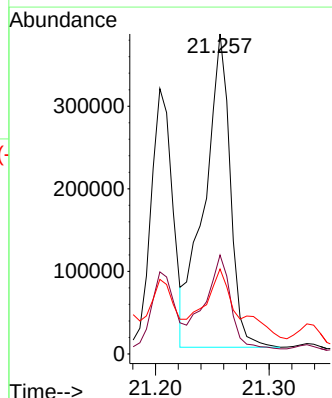
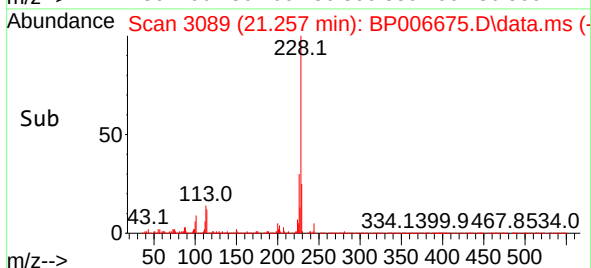
Tgt Ion:228 Resp: 393015
Ion Ratio Lower Upper
228 100
229 28.1 15.8 23.8#
226 30.9 21.6 32.4



#87
Chrysene
Concen: 10.416 ng/ul
RT: 21.257 min Scan# 3089
Delta R.T. 0.006 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40



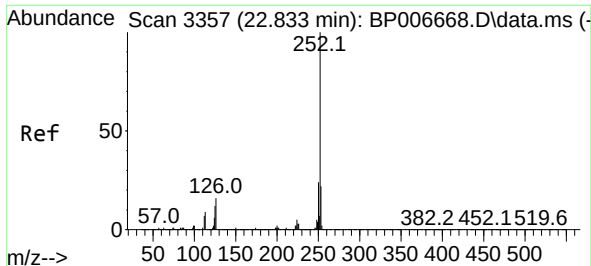
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Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 26.6 15.9 23.9#



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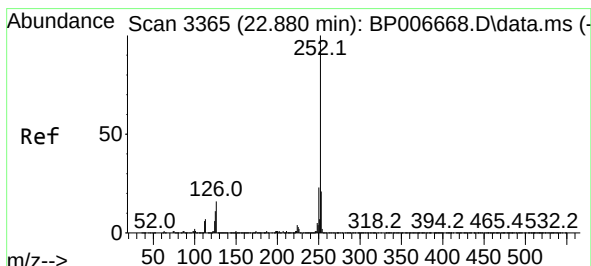
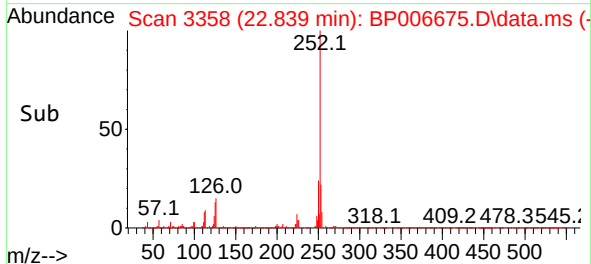
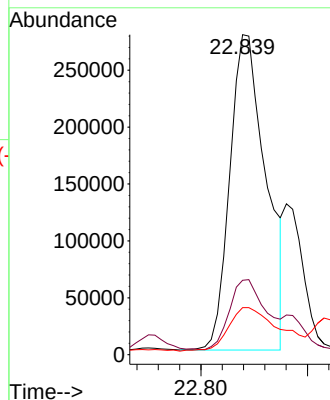
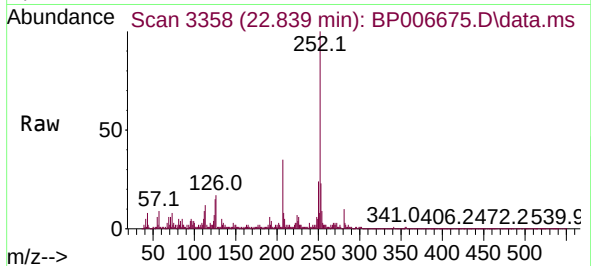
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Benzo(b)fluoranthene
Concen: 10.469 ng/ul
RT: 22.839 min Scan# 3358
Delta R.T. 0.006 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40

Tgt Ion:252 Resp: 656604
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 14.7 10.1 15.1

Instrument :
BNA_P
ClientSampled :
C00E8

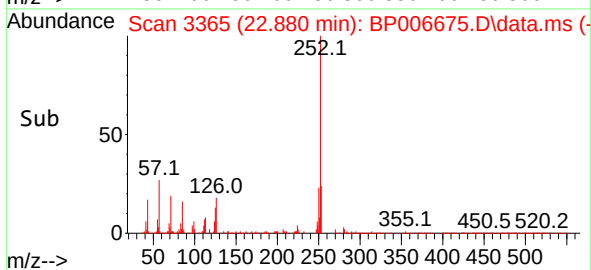
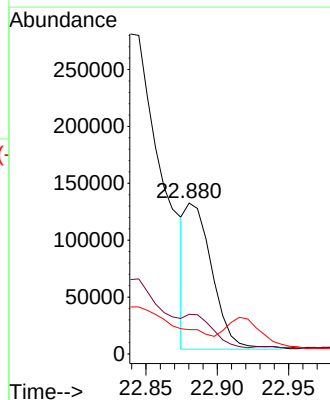
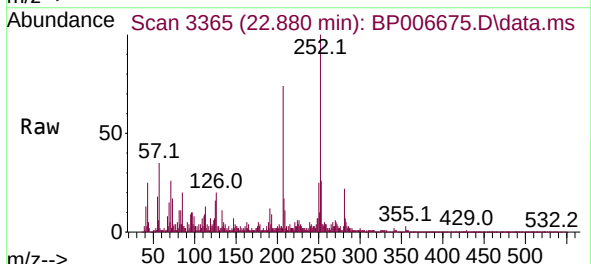
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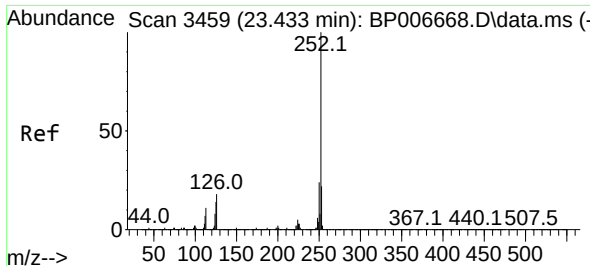
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#91
Benzo(k)fluoranthene
Concen: 2.715 ng/ul m
RT: 22.880 min Scan# 3365
Delta R.T. -0.000 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40

Tgt Ion:252 Resp: 164855
Ion Ratio Lower Upper
252 100
253 26.3 17.2 25.8#
125 16.1 9.4 14.0#





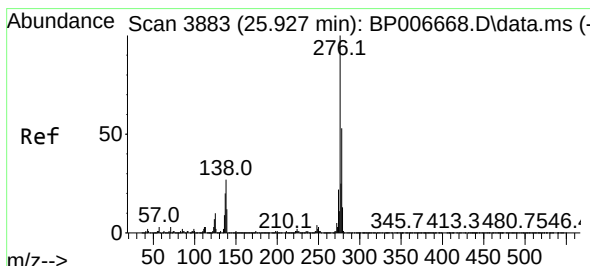
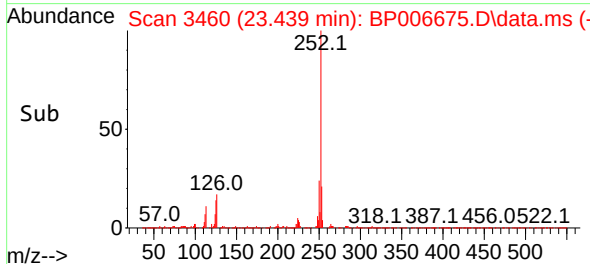
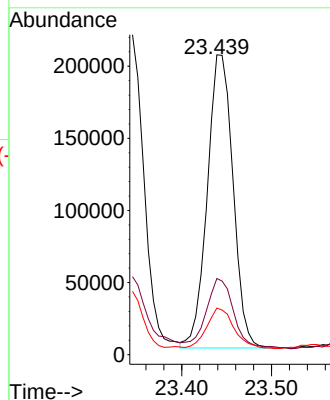
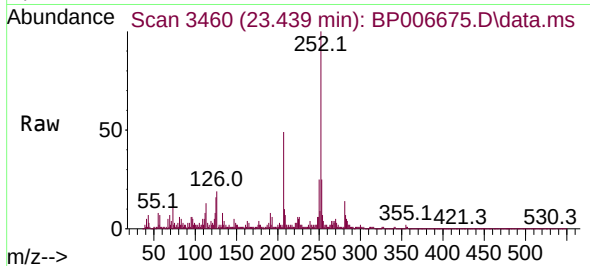
#93
Benzo(a)pyrene
Concen: 7.136 ng/ul
RT: 23.439 min Scan# 3460
Delta R.T. 0.006 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.6	26.4
125	15.5	11.3	16.9

Instrument :
BNA_P
ClientSampled :
C00E8

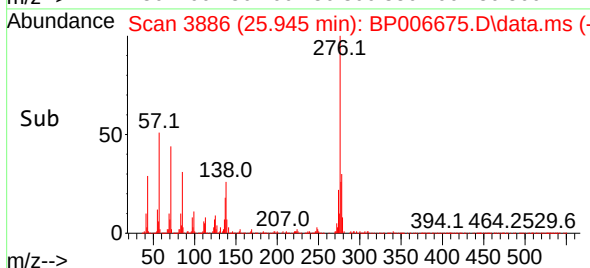
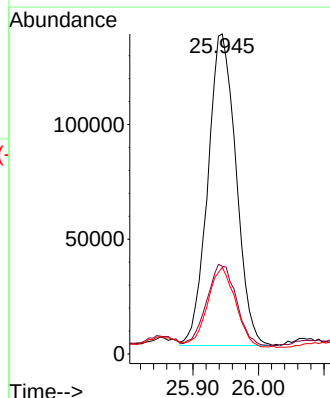
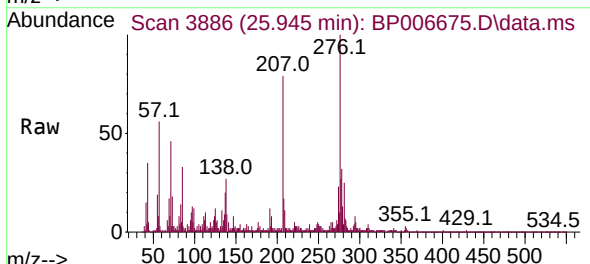
Manual Integrations
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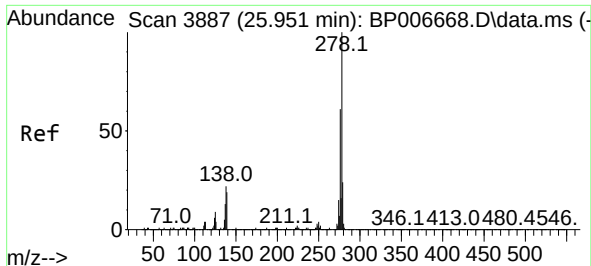
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#94
Indeno(1,2,3-cd)pyrene
Concen: 5.460 ng/ul
RT: 25.945 min Scan# 3886
Delta R.T. 0.018 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40

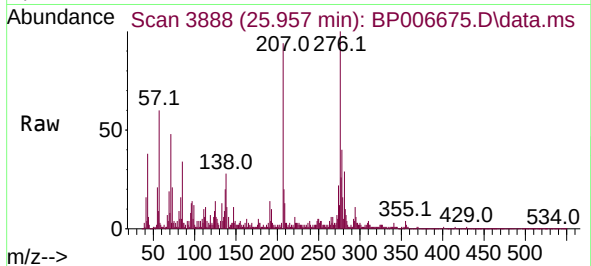
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.8	32.8
277	27.1	19.9	29.9





#95
Dibenzo(a,h)anthracene
Concen: 2.514 ng/ul
RT: 25.957 min Scan# 3888
Delta R.T. 0.006 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40

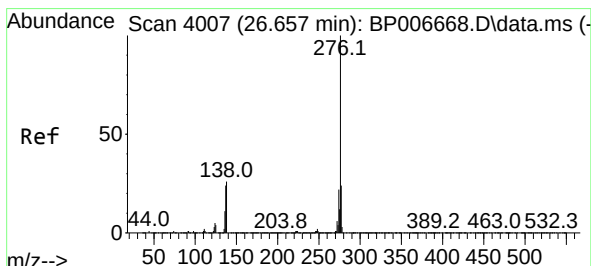
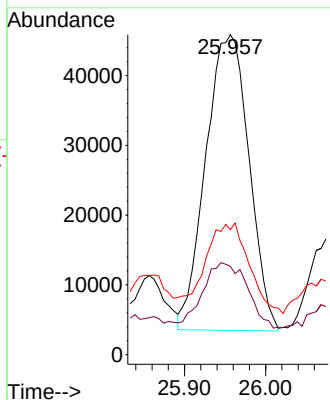
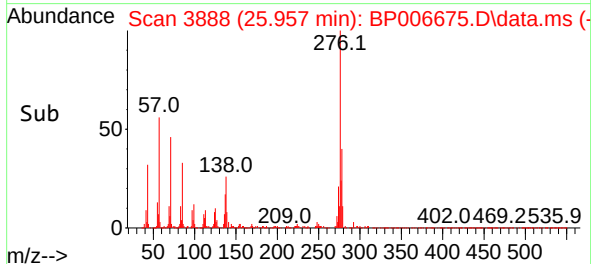
Instrument :
BNA_P
ClientSampled :
C00E8



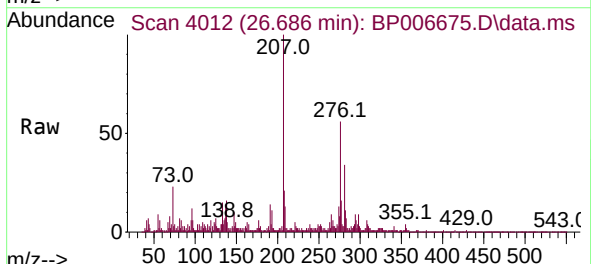
Tgt Ion:278 Resp: 156878
Ion Ratio Lower Upper
278 100
139 27.6 15.4 23.2#
279 39.1 19.0 28.4#

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 2.826 ng/ul
RT: 26.686 min Scan# 4012
Delta R.T. 0.029 min
Lab File: BP006675.D
Acq: 13 Aug 2021 16:40



Tgt Ion:276 Resp: 174287
Ion Ratio Lower Upper
276 100
138 29.2 20.7 31.1
277 28.3 19.0 28.4

