

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
 Data File : BP006597.D
 Acq On : 08 Aug 2021 09:08
 Operator : CG/JU
 Sample : M3169-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00A6

Manual Integrations
 APPROVED

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 8/9/2021 12:17:18 PM

Quant Time: Aug 09 01:38:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 09 01:37:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	176668	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	750786	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	406641	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.134	188	758237	20.000	ng/ul	0.00
79) Chrysene-d12	21.233	240	684665	20.000	ng/ul	0.00
88) Perylene-d12	23.563	264	733523	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	33814	7.144	ng/uL	0.01
4) Pyridine-d5	3.687	84	390672	27.805	ng/ul	0.01
7) Phenol-d5	6.934	99	715108	43.098	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	459006	44.460	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	570381	46.270	ng/ul	0.00
15) 4-Methylphenol-d8	8.463	113	541070	41.467	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	290085	51.890	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	304001	56.952	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	484982	46.366	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	593777	34.481	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	1443303	49.870	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	1836397	51.646	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	209610	36.476	ng/ul	0.00
60) Fluorene-d10	15.375	176	1197769	49.230	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	99015	23.424	ng/ul	0.00
73) Anthracene-d10	17.234	188	1786766	52.202	ng/ul	0.00
81) Pyrene-d10	19.475	212	1958753	55.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.416	264	1981937	53.170	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.581	128	148742	3.818	ng/ul	99
36) 2-Methylnaphthalene	12.198	142	116499	4.365	ng/ul	99
37) 1-Methylnaphthalene	12.416	142	60829	2.264	ng/ul	95
43) 1,1'-Biphenyl	13.216	154	35358	1.160	ng/ul	97
50) Acenaphthylene	14.098	152	74236	2.144	ng/ul	97
56) Dibenzofuran	14.781	168	43312	1.271	ng/ul	99
72) Phenanthrene	17.175	178	389011	9.554	ng/ul	100
74) Anthracene	17.269	178	80030	1.939	ng/ul	98
80) Fluoranthene	19.151	202	621239	14.317	ng/ul	99
82) Pyrene	19.504	202	568761	12.631	ng/ul	99
85) Benzo(a)anthracene	21.216	228	326603	7.698	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.157	149	54086	1.870	ng/ul#	92
87) Chrysene	21.269	228	418022	10.279	ng/ul	96
90) Benzo(b)fluoranthene	22.857	252	603310	12.949	ng/ul#	95
91) Benzo(k)fluoranthene	22.898	252	171922m	3.888	ng/ul	
93) Benzo(a)pyrene	23.457	252	346889	8.518	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.957	276	298955	5.735	ng/ul	98
95) Dibenzo(a,h)anthracene	25.974	278	76765	1.739	ng/ul#	79
96) Benzo(g,h,i)perylene	26.698	276	245699	5.704	ng/ul	97

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

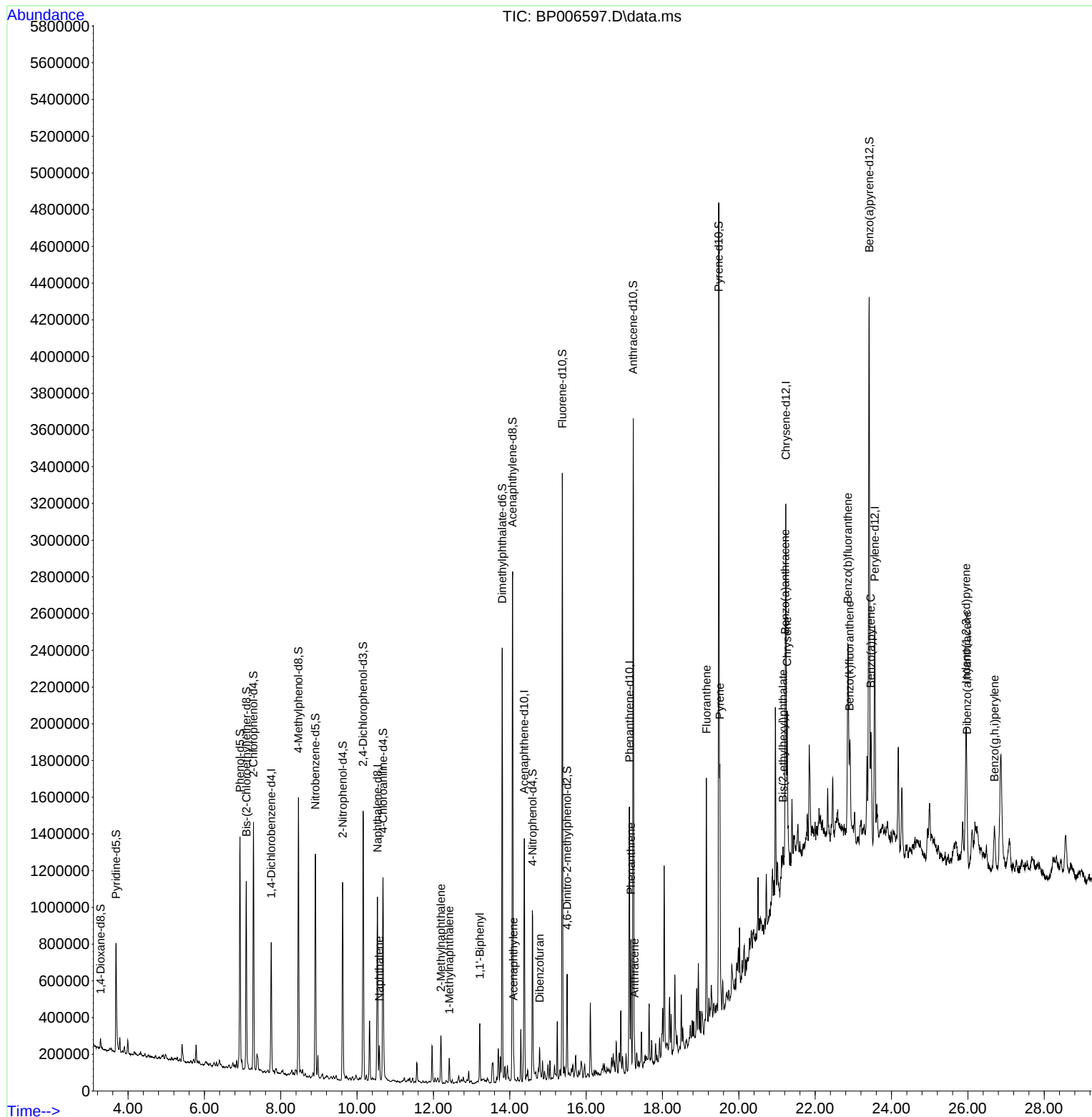
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Data File : BP006597.D
Acq On : 08 Aug 2021 09:08
Operator : CG/JU
Sample : M3169-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

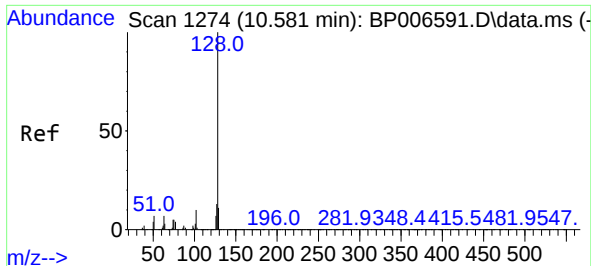
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BNA_P
ClientSampleId :
C00A6

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
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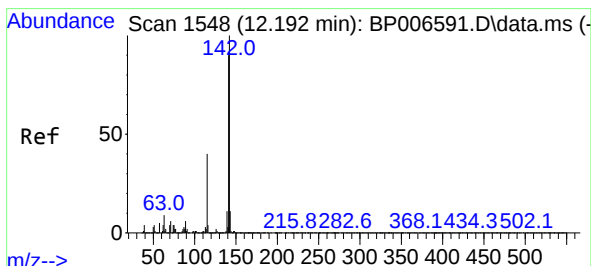
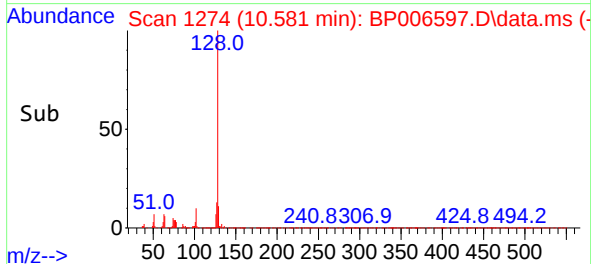
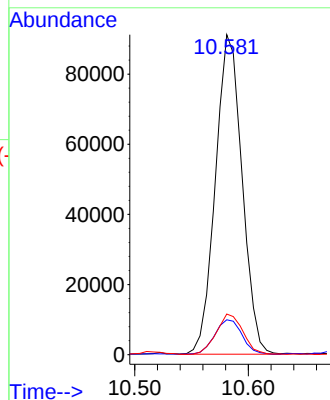
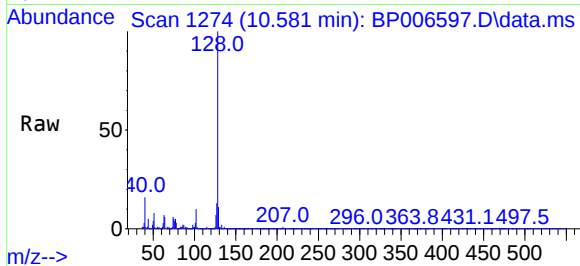
#30
Naphthalene
Concen: 3.818 ng/ul
RT: 10.581 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

Tgt Ion:128 Resp: 148742
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.7 10.6 15.8

Instrument :
BNA_P
ClientSampled :
C00A6

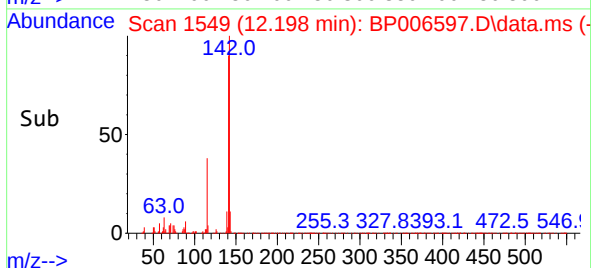
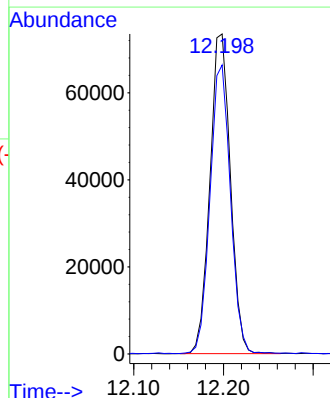
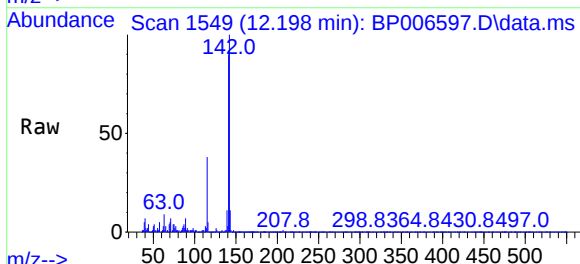
Manual Integrations
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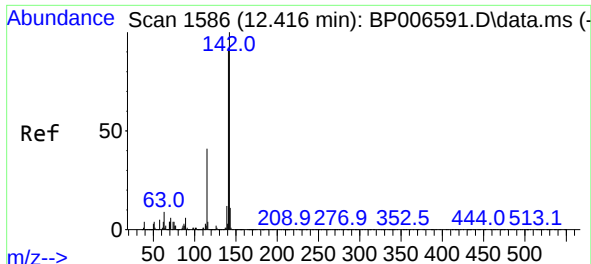
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#36
2-Methylnaphthalene
Concen: 4.365 ng/ul
RT: 12.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

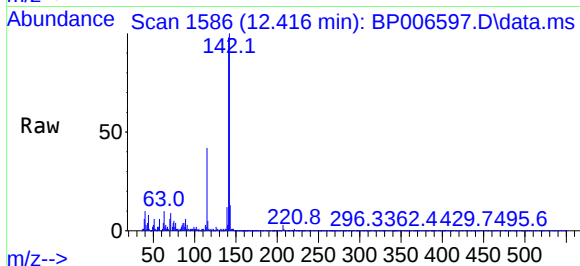
Tgt Ion:142 Resp: 116499
Ion Ratio Lower Upper
142 100
141 90.3 71.5 107.3





#37
1-Methylnaphthalene
Concen: 2.264 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

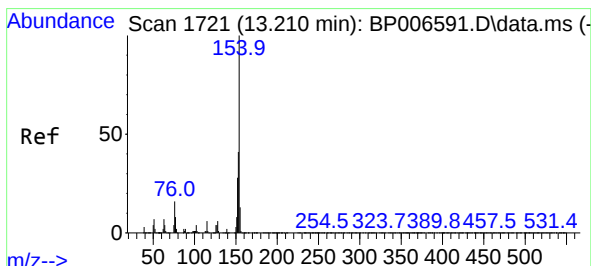
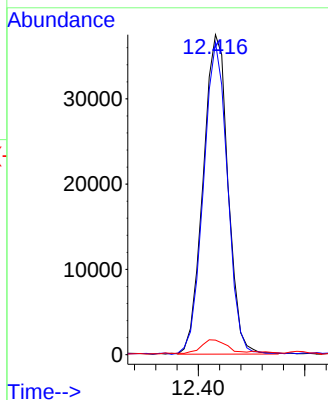
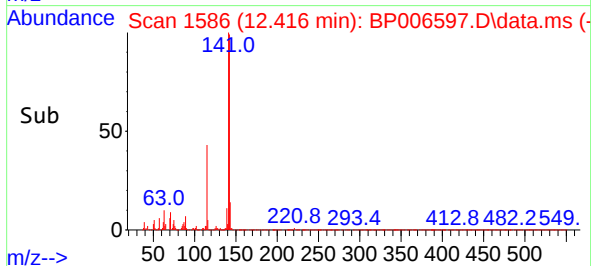
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ClientSampleId :
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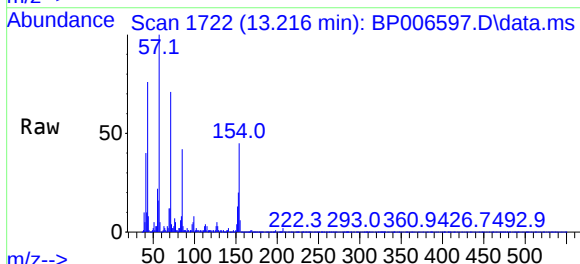
Tgt Ion:142 Resp: 60829
Ion Ratio Lower Upper
142 100
141 97.5 74.4 111.6
116 4.6 3.3 4.9

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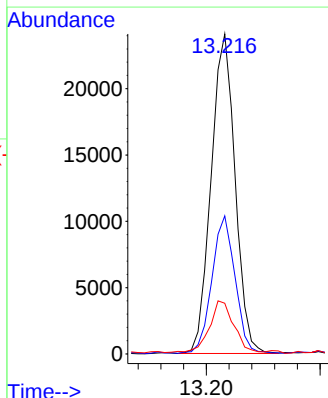
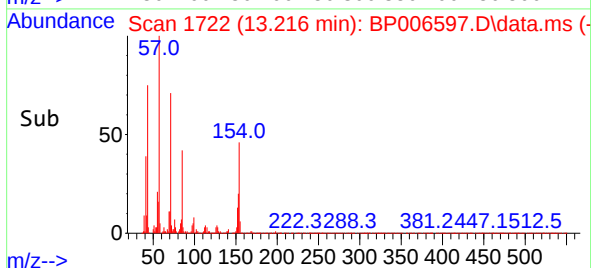
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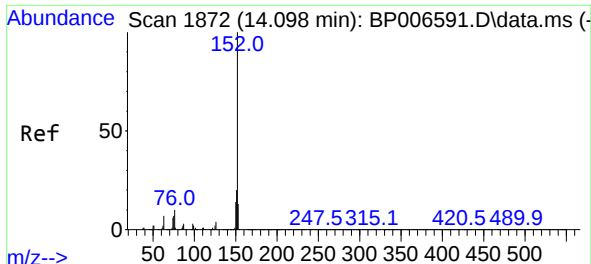


#43
1,1'-Biphenyl
Concen: 1.160 ng/ul
RT: 13.216 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08



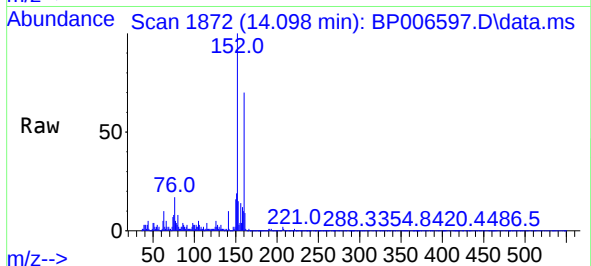
Tgt Ion:154 Resp: 35358
Ion Ratio Lower Upper
154 100
153 43.2 32.8 49.2
76 15.9 12.8 19.2





#50
Acenaphthylene
Concen: 2.144 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

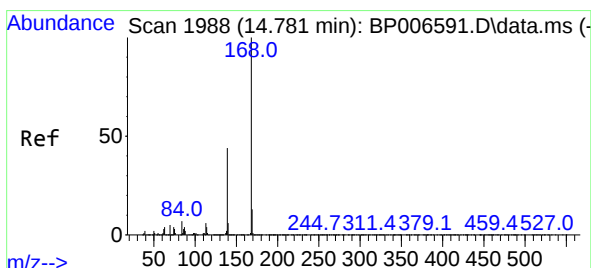
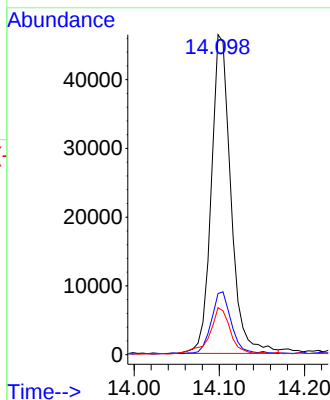
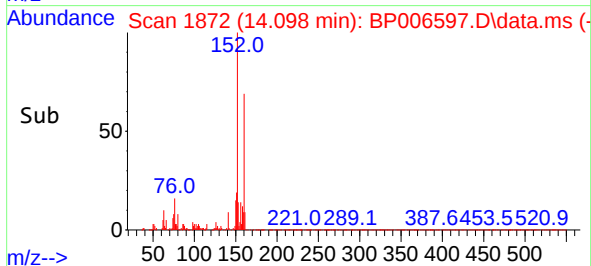
Instrument :
BNA_P
ClientSampled :
C00A6



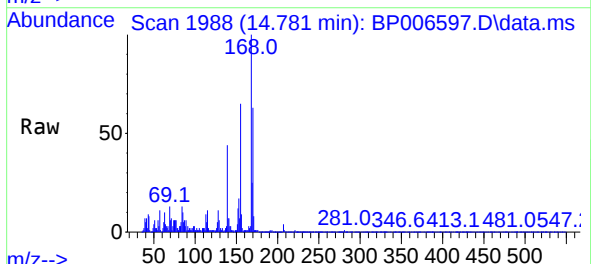
Tgt Ion:152 Resp: 74236
Ion Ratio Lower Upper
152 100
151 19.1 16.0 24.0
153 14.7 10.3 15.5

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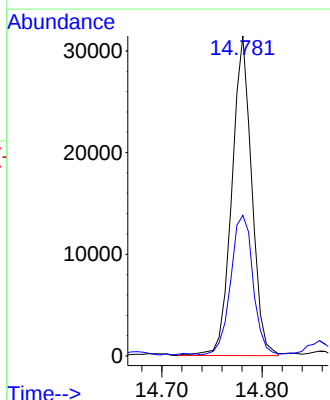
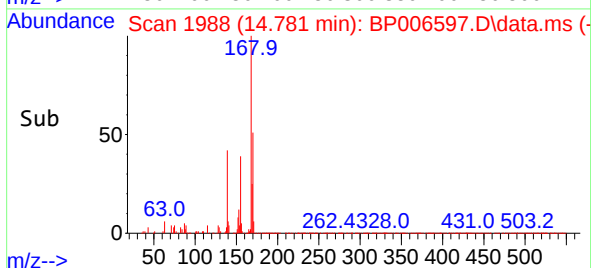
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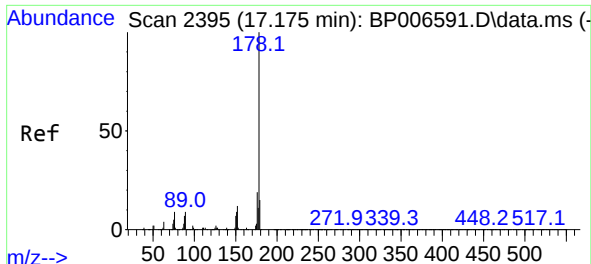


#56
Dibenzofuran
Concen: 1.271 ng/ul
RT: 14.781 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08



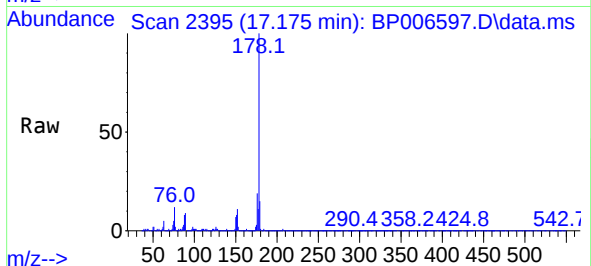
Tgt Ion:168 Resp: 43312
Ion Ratio Lower Upper
168 100
139 44.0 34.6 52.0





#72
Phenanthrene
Concen: 9.554 ng/u1
RT: 17.175 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

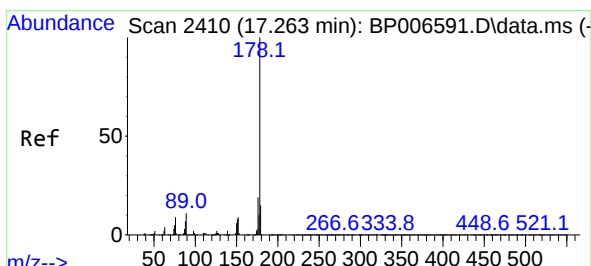
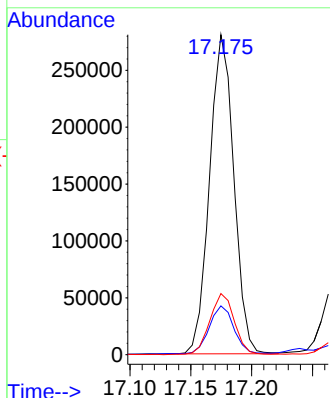
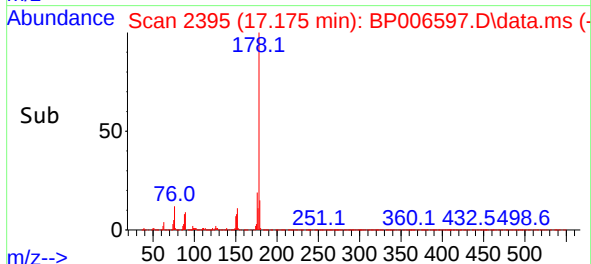
Instrument :
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ClientSampleId :
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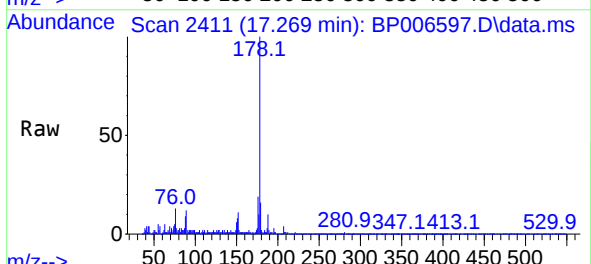
Tgt Ion:178 Resp: 389011
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.1 15.2 22.8

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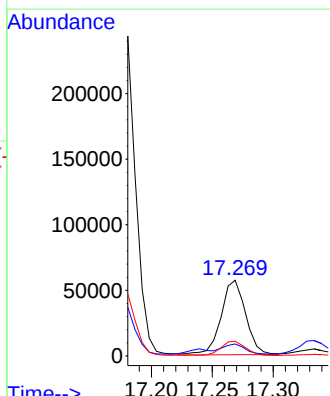
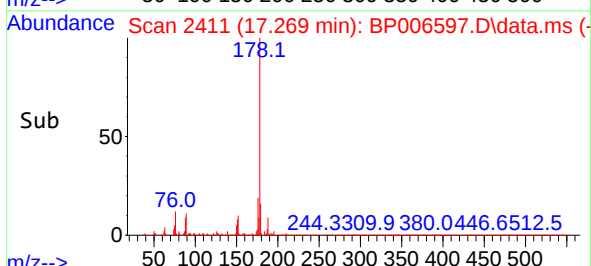
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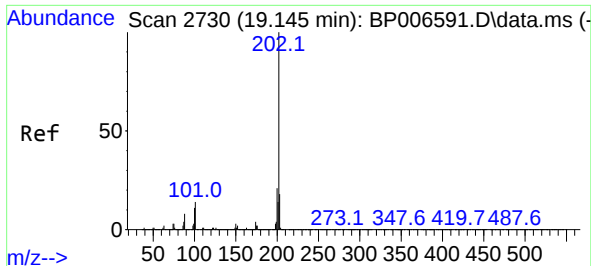


#74
Anthracene
Concen: 1.939 ng/u1
RT: 17.269 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08



Tgt Ion:178 Resp: 80030
Ion Ratio Lower Upper
178 100
179 15.9 12.0 18.0
176 19.4 14.7 22.1



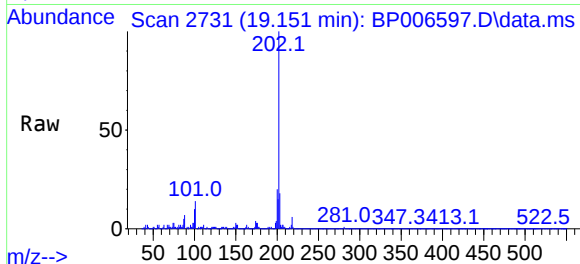


#80
Fluoranthene
Concen: 14.317 ng/ul
RT: 19.151 min Scan# 2731
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

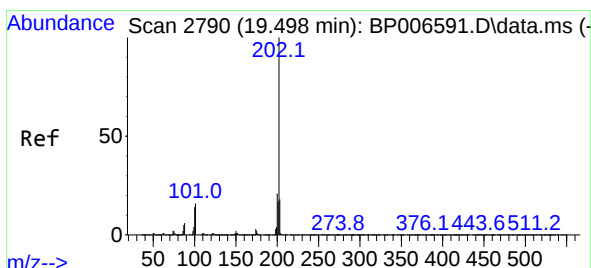
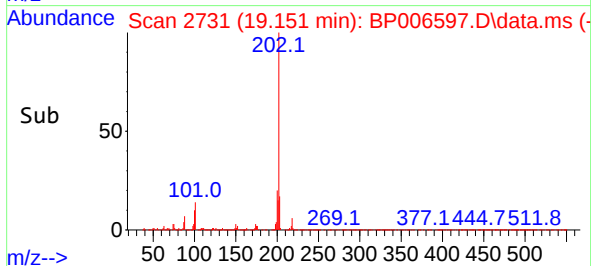
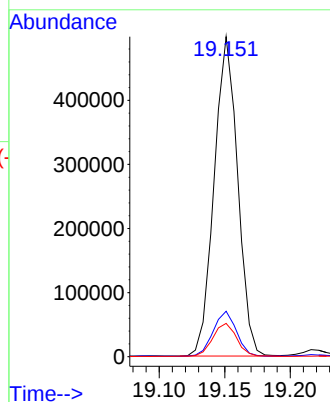
Instrument :
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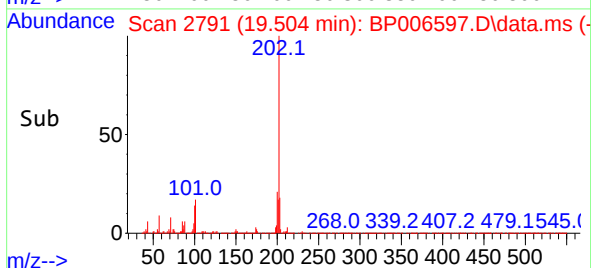
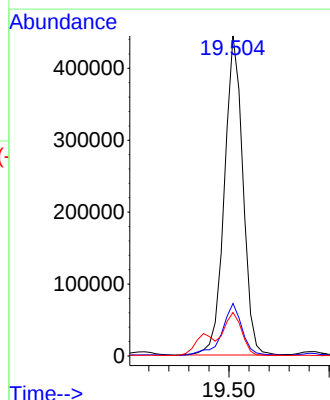
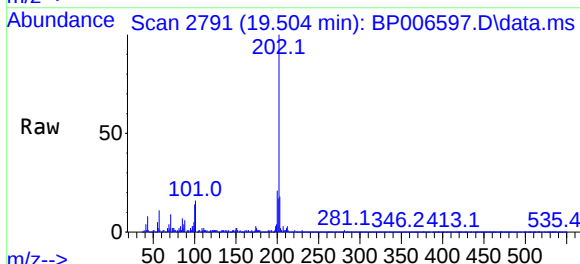


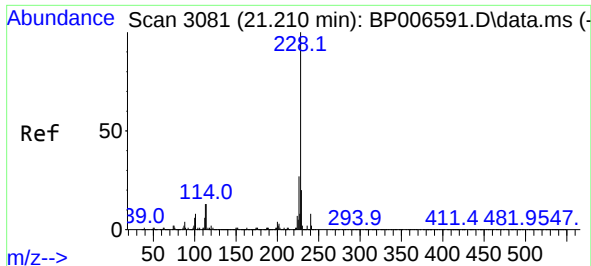
Tgt Ion:202 Resp: 621239
Ion Ratio Lower Upper
202 100
101 14.2 11.2 16.8
100 10.4 8.7 13.1



#82
Pyrene
Concen: 12.631 ng/ul
RT: 19.504 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

Tgt Ion:202 Resp: 568761
Ion Ratio Lower Upper
202 100
101 16.4 13.0 19.6
100 13.6 11.4 17.0





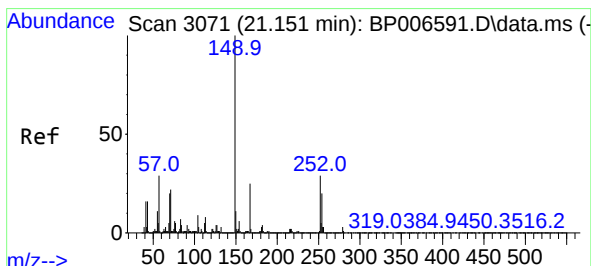
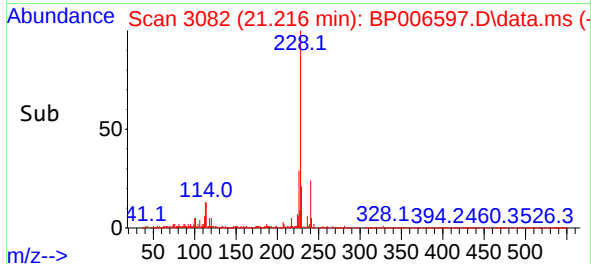
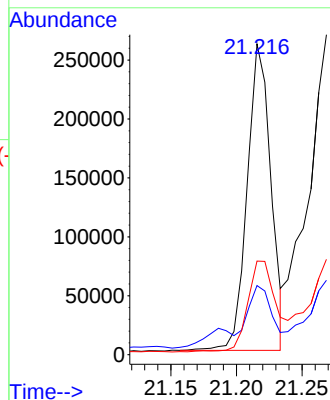
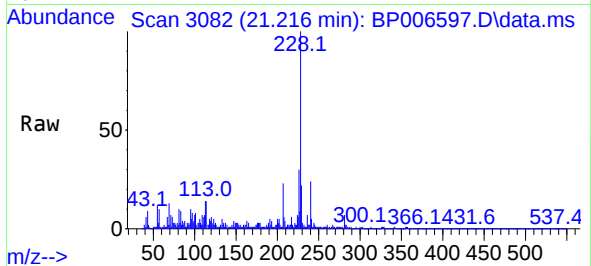
#85
Benzo(a)anthracene
Concen: 7.698 ng/ul
RT: 21.216 min Scan# 3082
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

Tgt Ion:228 Resp: 326603
Ion Ratio Lower Upper
228 100
229 22.3 15.6 23.4
226 30.1 21.2 31.8

Instrument :
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ClientSampled :
C00A6

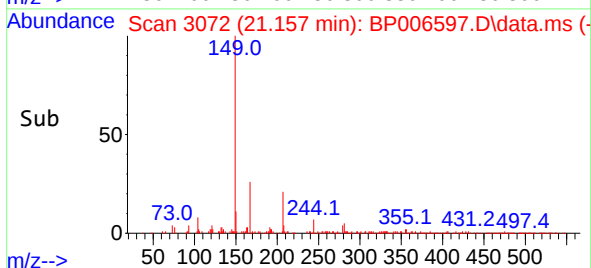
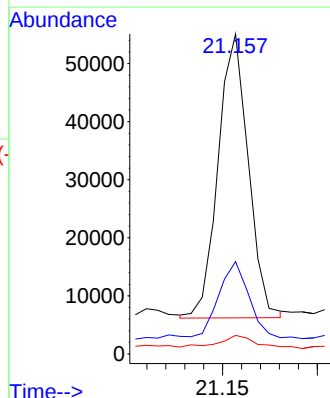
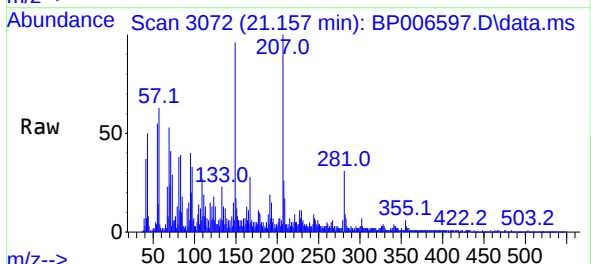
Manual Integrations
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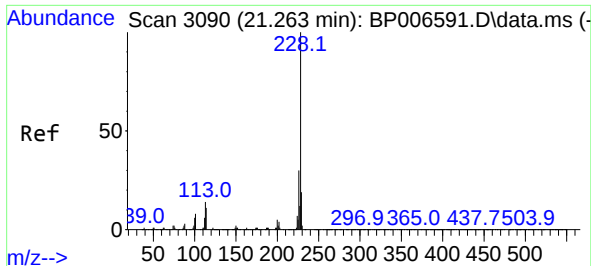
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#86
Bis(2-ethylhexyl)phthalate
Concen: 1.870 ng/ul
RT: 21.157 min Scan# 3072
Delta R.T. -0.006 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

Tgt Ion:149 Resp: 54086
Ion Ratio Lower Upper
149 100
167 28.8 19.6 29.4
279 5.8 3.0 4.4#





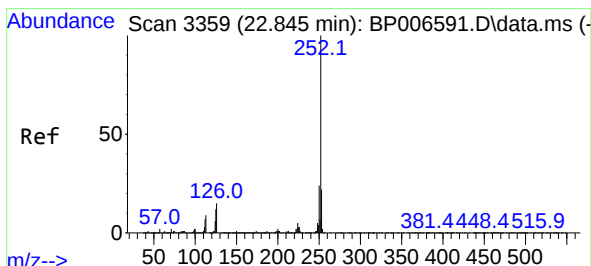
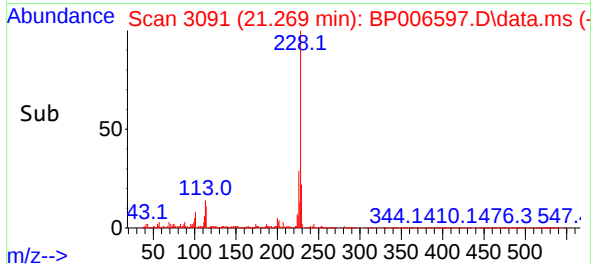
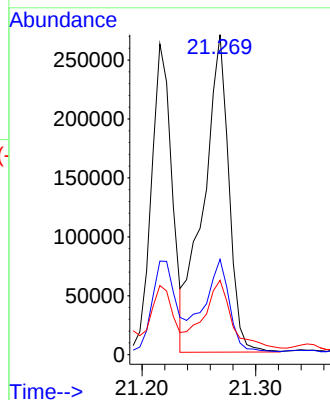
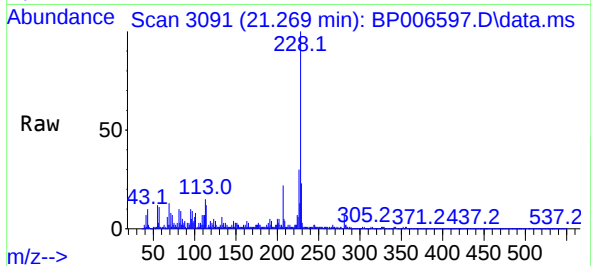
#87
Chrysene
Concen: 10.279 ng/ul
RT: 21.269 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

Tgt Ion:	228	Resp:	418022
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.5	36.7
229	23.2	15.5	23.3

Instrument :
BNA_P
ClientSampled :
C00A6

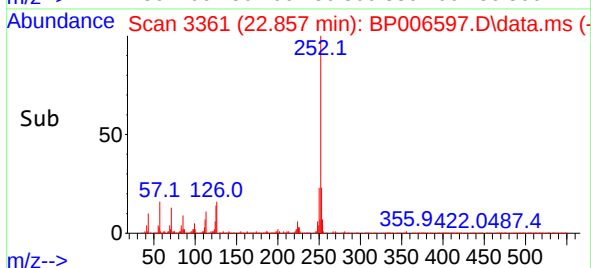
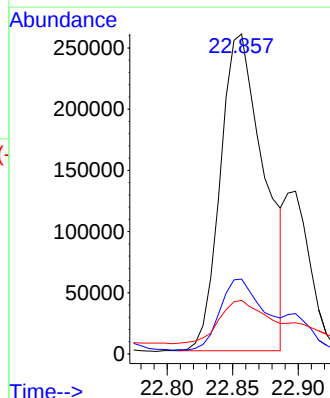
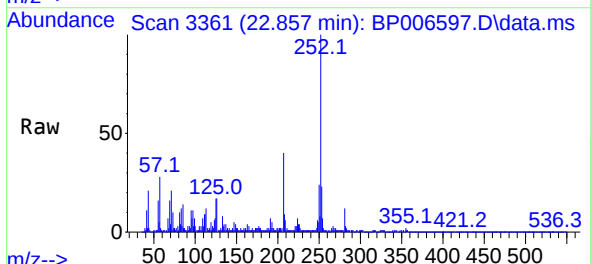
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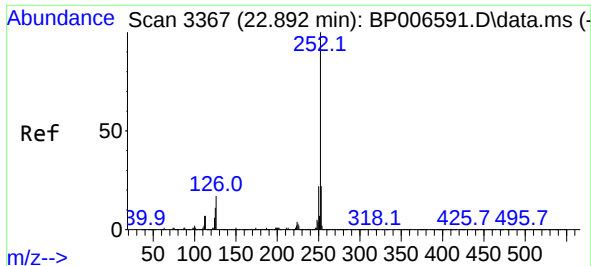
mohammad
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#90
Benzo(b)fluoranthene
Concen: 12.949 ng/ul
RT: 22.857 min Scan# 3361
Delta R.T. 0.006 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

Tgt Ion:	252	Resp:	603310
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.2
125	16.7	10.6	15.8





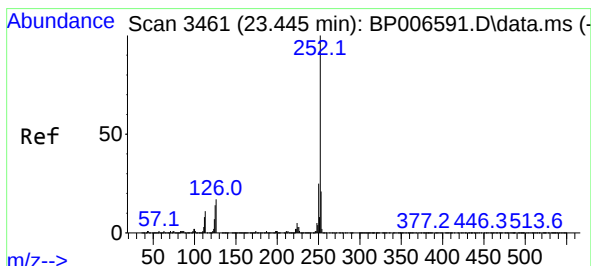
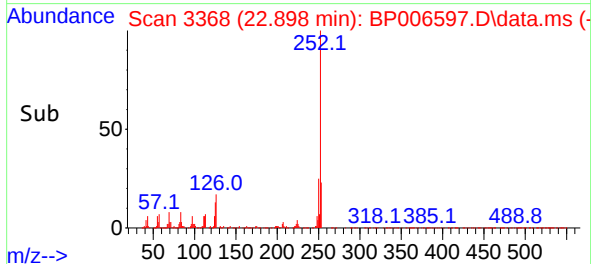
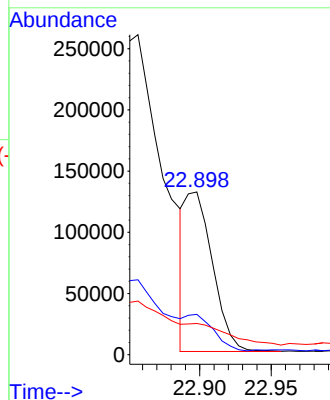
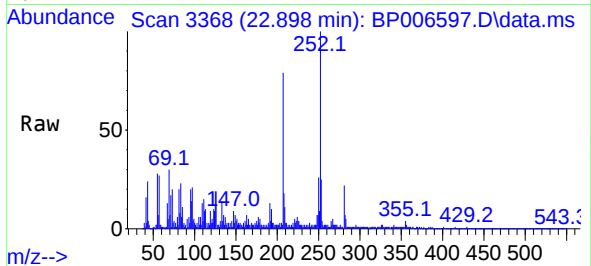
#91
Benzo(k)fluoranthene
Concen: 3.888 ng/ul m
RT: 22.898 min Scan# 3368
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

Tgt Ion:252 Resp: 171922
Ion Ratio Lower Upper
252 100
253 24.8 17.7 26.5
125 19.2 9.6 14.4#

Instrument :
BNA_P
ClientSampled :
C00A6

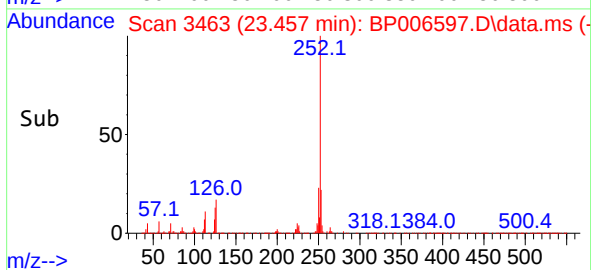
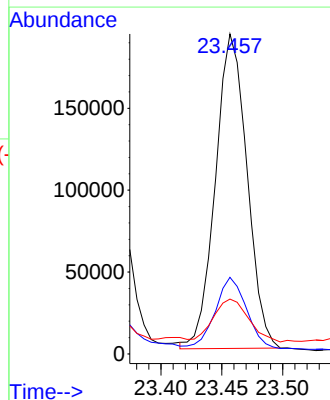
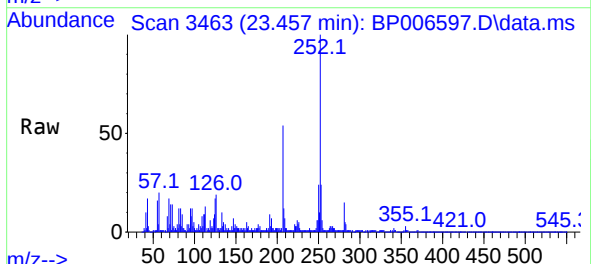
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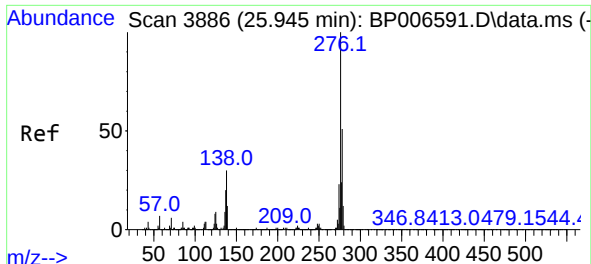
mohammad
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#93
Benzo(a)pyrene
Concen: 8.518 ng/ul
RT: 23.457 min Scan# 3463
Delta R.T. -0.000 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

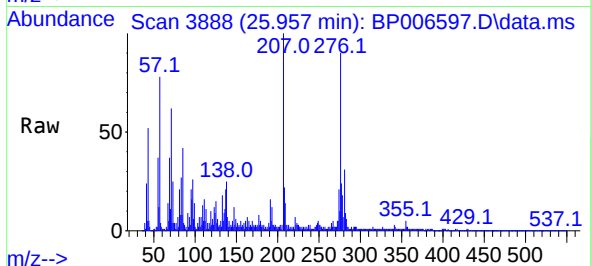
Tgt Ion:252 Resp: 346889
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 17.2 11.6 17.4





#94
Indeno(1,2,3-cd)pyrene
Concen: 5.735 ng/ul
RT: 25.957 min Scan# 3888
Delta R.T. -0.006 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08

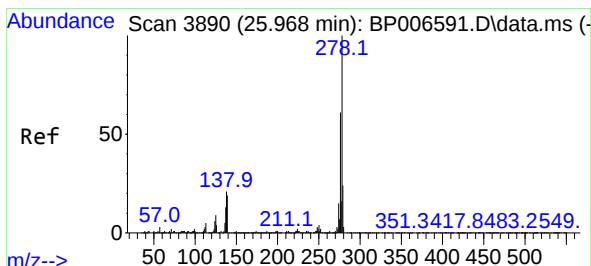
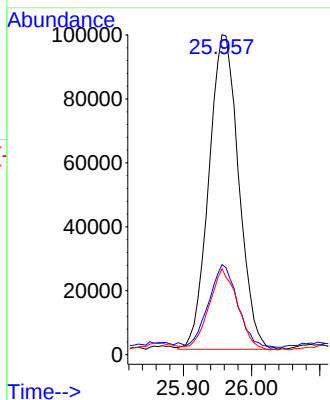
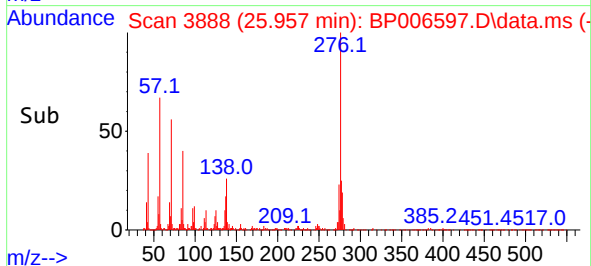
Instrument :
BNA_P
ClientSampled :
C00A6



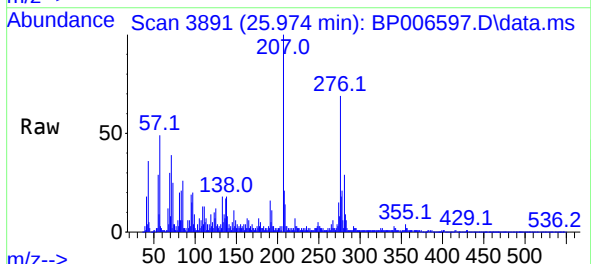
Tgt Ion:276 Resp: 298955
Ion Ratio Lower Upper
276 100
138 28.2 22.9 34.3
277 26.9 20.0 30.0

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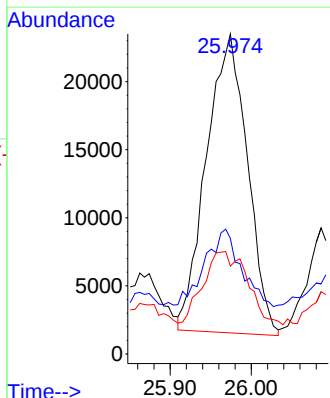
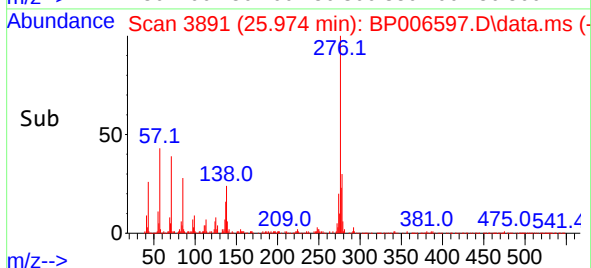
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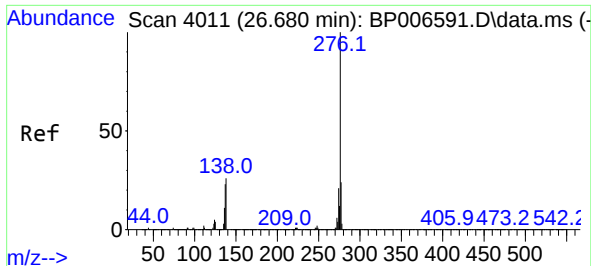


#95
Dibenzo(a,h)anthracene
Concen: 1.739 ng/ul
RT: 25.974 min Scan# 3891
Delta R.T. -0.012 min
Lab File: BP006597.D
Acq: 08 Aug 2021 09:08



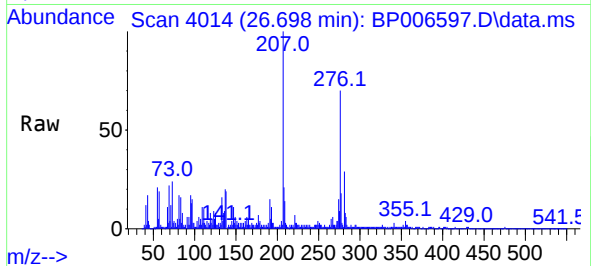
Tgt Ion:278 Resp: 76765
Ion Ratio Lower Upper
278 100
139 36.1 15.1 22.7#
279 27.5 19.0 28.6





#96
 Benzo(g,h,i)perylene
 Concen: 5.704 ng/ul
 RT: 26.698 min Scan# 4014
 Delta R.T. -0.006 min
 Lab File: BP006597.D
 Acq: 08 Aug 2021 09:08

Instrument :
 BNA_P
 ClientSampleId :
 C00A6



Tgt Ion: 276 Resp: 245699

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.4	30.6
277	25.0	18.6	27.8

Manual Integrations
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