

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
 Data File : BP006640.D
 Acq On : 11 Aug 2021 01:16
 Operator : CG/JU
 Sample : M3208-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00E4

Manual Integrations
 APPROVED

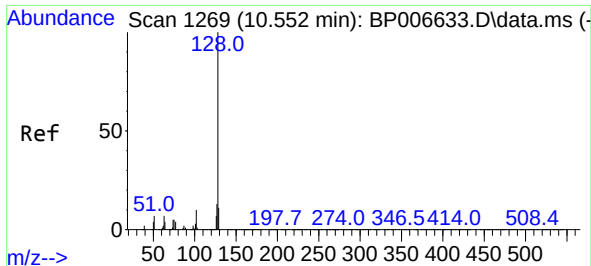
mohammad
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Quant Time: Aug 11 02:41:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 11 02:03:57 2021
 Response via : Initial Calibration

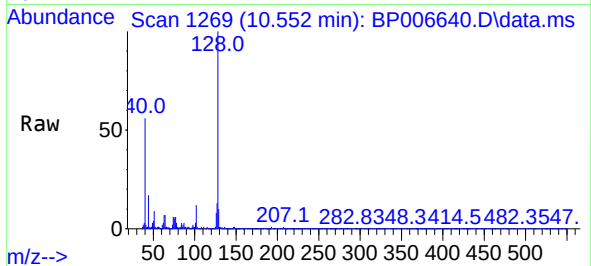
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	191075	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	834618	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	469170	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	916408	20.000	ng/ul	0.00
79) Chrysene-d12	21.216	240	859702	20.000	ng/ul	0.00
88) Perylene-d12	23.527	264	904535	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	16264	2.879	ng/uL	0.00
4) Pyridine-d5	3.640	84	162504	10.007	ng/ul	0.00
7) Phenol-d5	6.899	99	274978	14.315	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	191000	16.180	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	225292	15.748	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	162051	10.560	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	120327	16.984	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	123346	16.639	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	191825	15.315	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	175502	8.621	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	622784	17.309	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	793997	17.991	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	85110	11.325	ng/ul	0.00
60) Fluorene-d10	15.351	176	524864	17.936	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	64233	10.604	ng/ul	0.00
73) Anthracene-d10	17.210	188	763022	17.597	ng/ul	0.00
81) Pyrene-d10	19.457	212	862642	19.108	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.380	264	832933	17.076	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.552	128	49330	1.089	ng/ul	98
50) Acenaphthylene	14.075	152	108255	2.509	ng/ul	99
72) Phenanthrene	17.151	178	537426	10.381	ng/ul	99
74) Anthracene	17.245	178	92841	1.766	ng/ul	98
77) Carbazole	17.522	167	61697	1.256	ng/ul	99
80) Fluoranthene	19.133	202	1238070	21.819	ng/ul	99
82) Pyrene	19.486	202	1039923	17.743	ng/ul	99
85) Benzo(a)anthracene	21.198	228	511674	9.138	ng/ul	94
87) Chrysene	21.251	228	568343	10.527	ng/ul	98
90) Benzo(b)fluoranthene	22.827	252	772826	13.152	ng/ul	98
91) Benzo(k)fluoranthene	22.869	252	253230m	4.451	ng/ul	
93) Benzo(a)pyrene	23.427	252	496110	9.320	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.910	276	396041	5.690	ng/ul	97
95) Dibenzo(a,h)anthracene	25.927	278	98944	1.692	ng/ul#	90
96) Benzo(g,h,i)perylene	26.645	276	129862	2.247	ng/ul	96

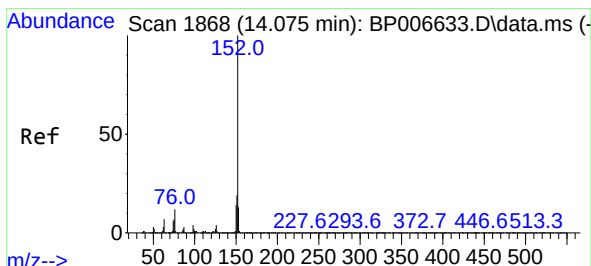
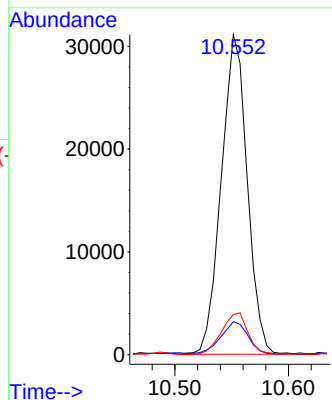
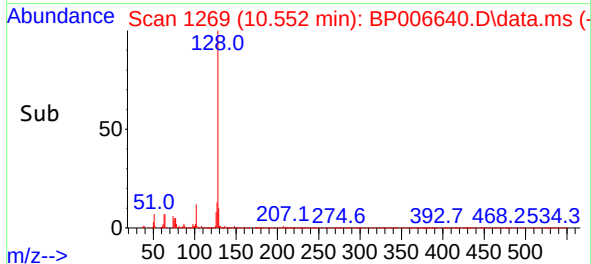
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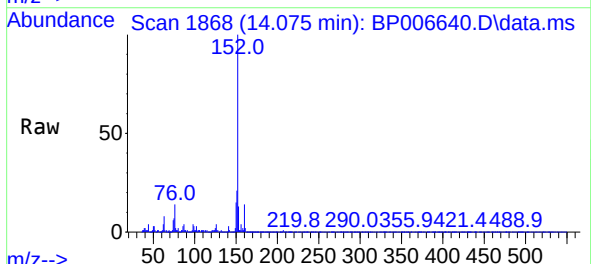
#30
Naphthalene
Concen: 1.089 ng/ul
RT: 10.552 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BP006640.D
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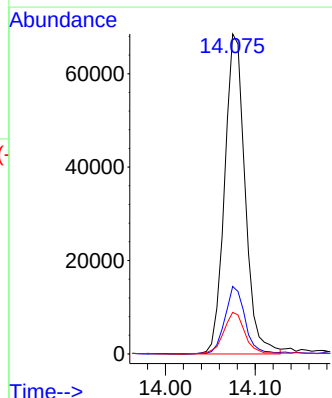
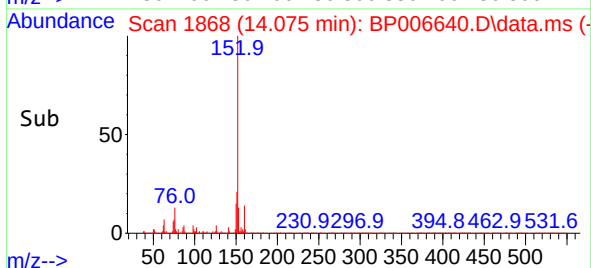
Tgt Ion:128 Resp: 49330
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.4
127 12.6 10.7 16.1



#50
Acenaphthylene
Concen: 2.509 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP006640.D
Acq: 11 Aug 2021 01:16



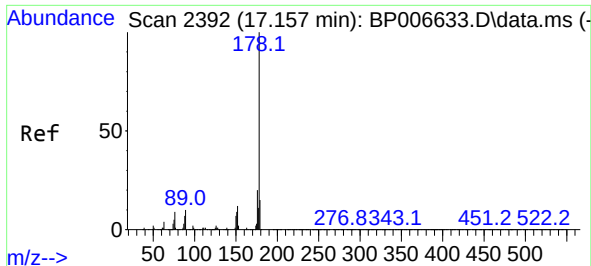
Tgt Ion:152 Resp: 108255
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 13.0 10.4 15.6



Instrument :
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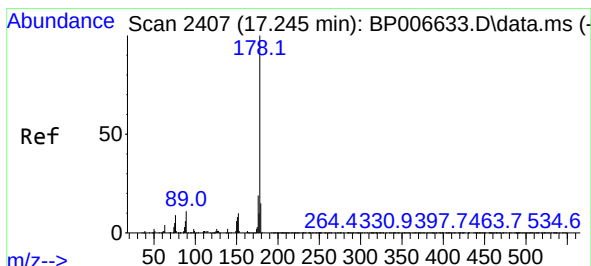
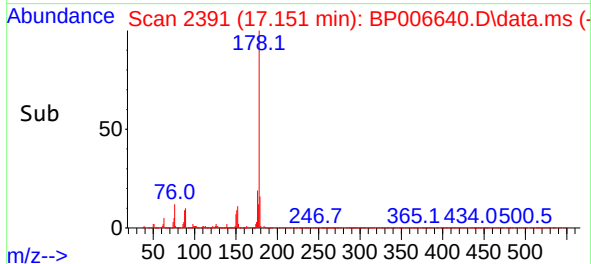
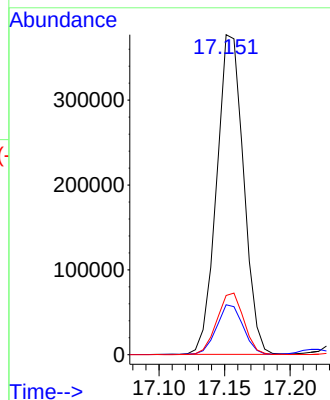
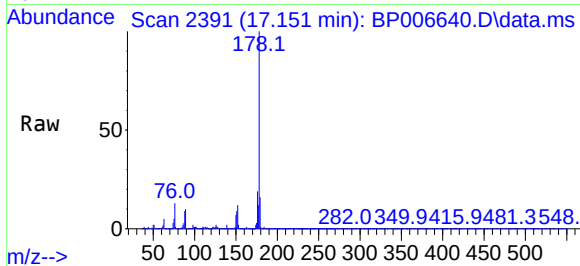
#72
Phenanthrene
Concen: 10.381 ng/ul
RT: 17.151 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BP006640.D
Acq: 11 Aug 2021 01:16

Tgt Ion:178 Resp: 537426
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 18.5 15.4 23.2

Instrument :
BNA_P
ClientSampled :
C00E4

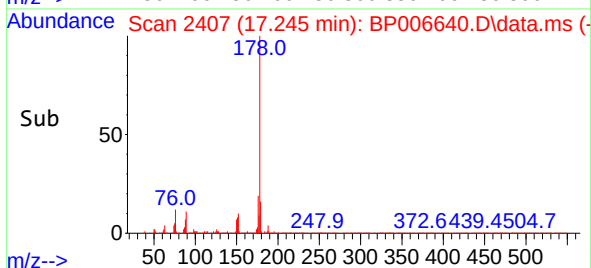
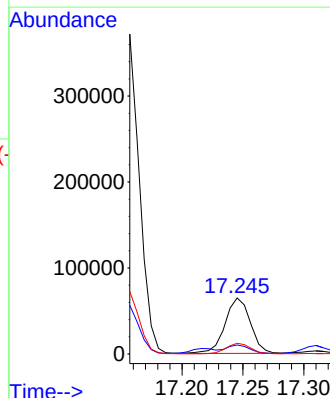
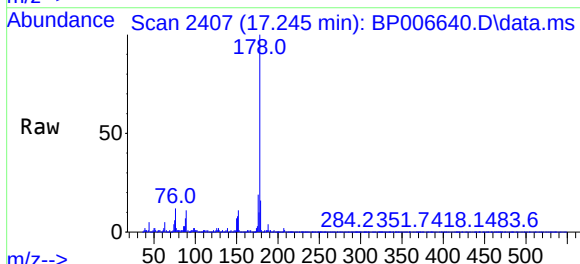
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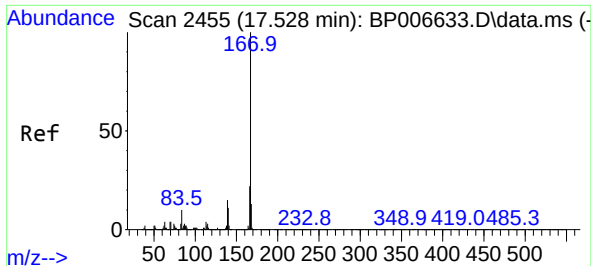
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#74
Anthracene
Concen: 1.766 ng/ul
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP006640.D
Acq: 11 Aug 2021 01:16

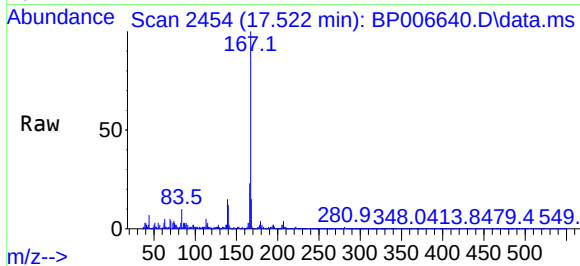
Tgt Ion:178 Resp: 92841
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.2
176 19.2 14.6 21.8





#77
 Carbazole
 Concen: 1.256 ng/ul
 RT: 17.522 min Scan# 2454
 Delta R.T. -0.006 min
 Lab File: BP006640.D
 Acq: 11 Aug 2021 01:16

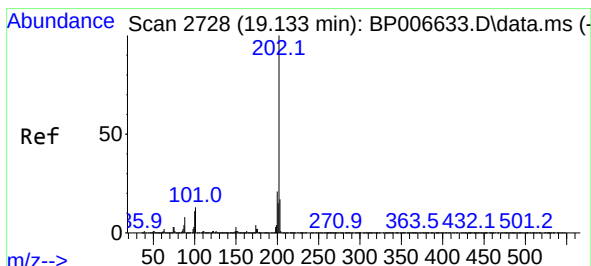
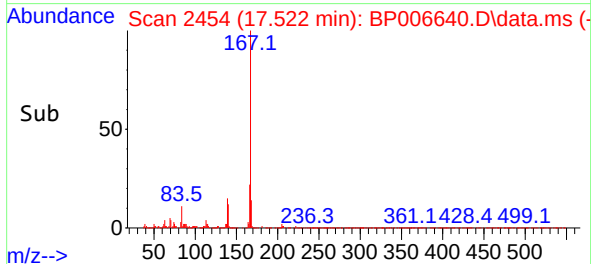
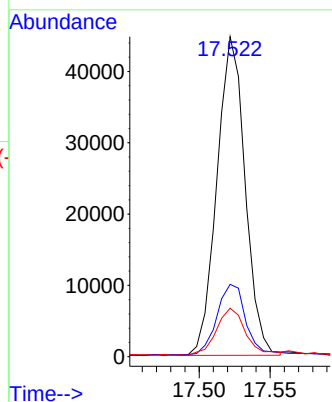
Instrument :
 BNA_P
 ClientSampled :
 C00E4



Tgt Ion:	167	Resp:	61697
Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.4	26.0
139	15.2	11.8	17.8

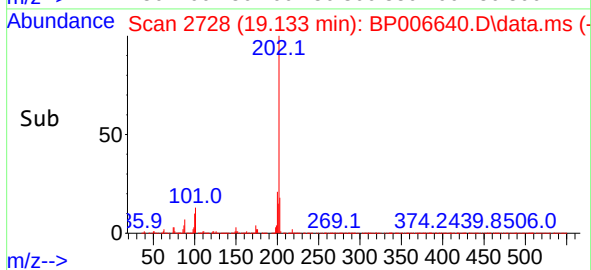
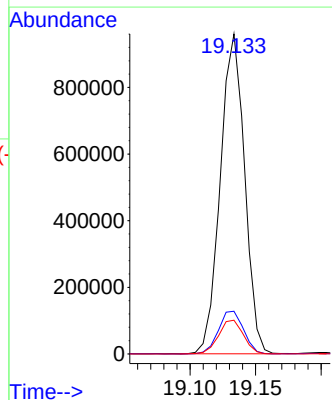
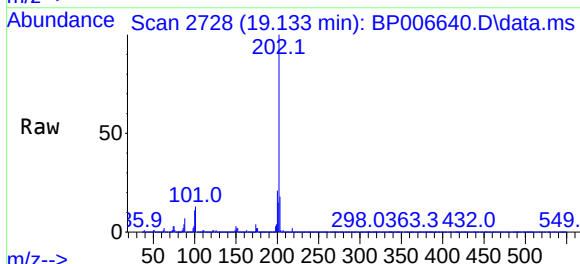
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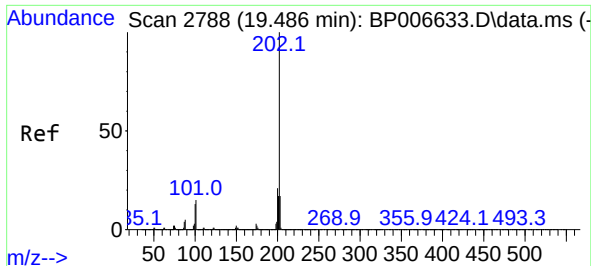
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#80
 Fluoranthene
 Concen: 21.819 ng/ul
 RT: 19.133 min Scan# 2728
 Delta R.T. -0.000 min
 Lab File: BP006640.D
 Acq: 11 Aug 2021 01:16

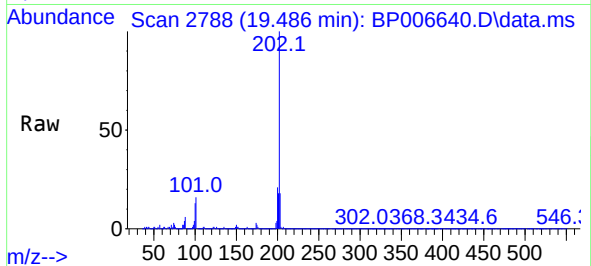
Tgt Ion:	202	Resp:	1238070
Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.0	16.6
100	10.5	8.7	13.1





#82
Pyrene
Concen: 17.743 ng/ul
RT: 19.486 min Scan# 2788
Delta R.T. -0.006 min
Lab File: BP006640.D
Acq: 11 Aug 2021 01:16

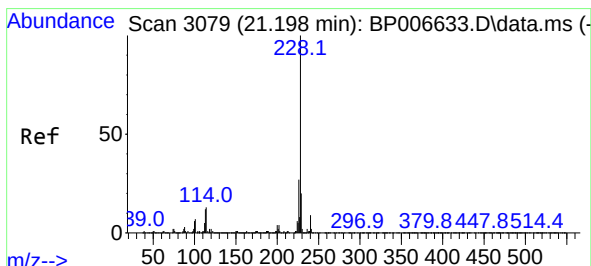
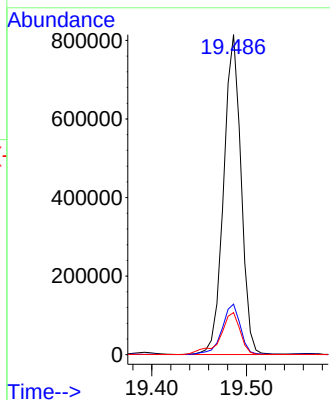
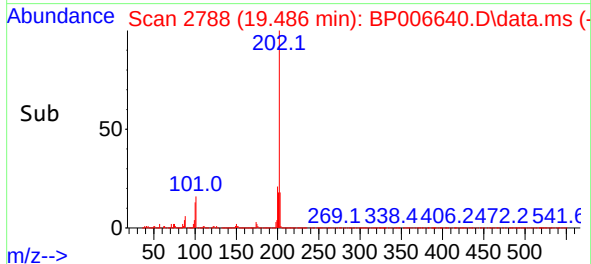
Instrument :
BNA_P
ClientSampled :
C00E4



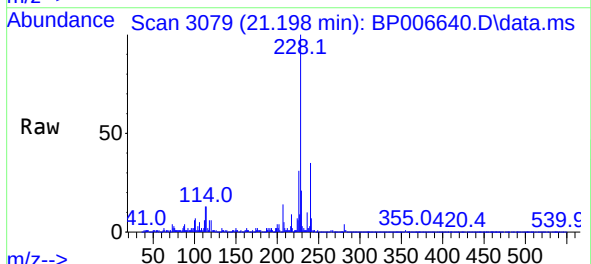
Tgt Ion:202 Resp: 1039923
Ion Ratio Lower Upper
202 100
101 15.8 12.1 18.1
100 13.2 10.6 16.0

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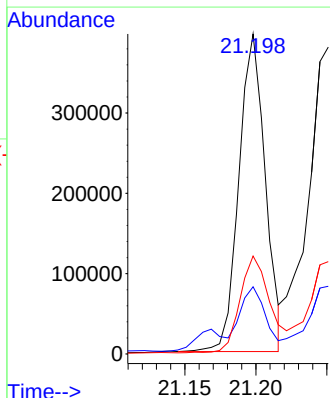
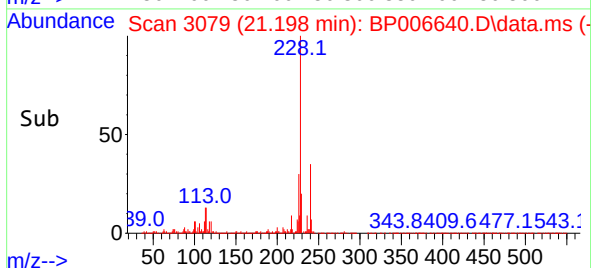
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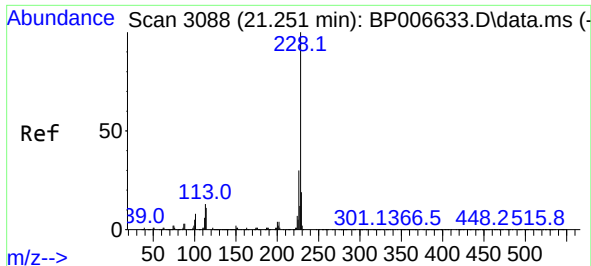


#85
Benzo(a)anthracene
Concen: 9.138 ng/ul
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP006640.D
Acq: 11 Aug 2021 01:16



Tgt Ion:228 Resp: 511674
Ion Ratio Lower Upper
228 100
229 21.0 15.3 22.9
226 30.6 21.2 31.8





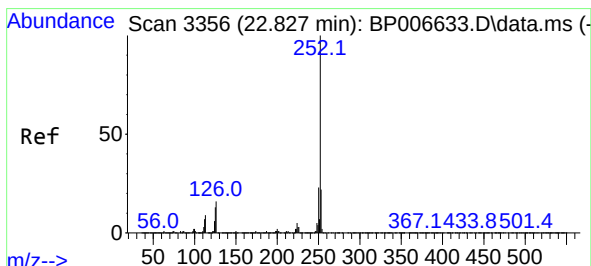
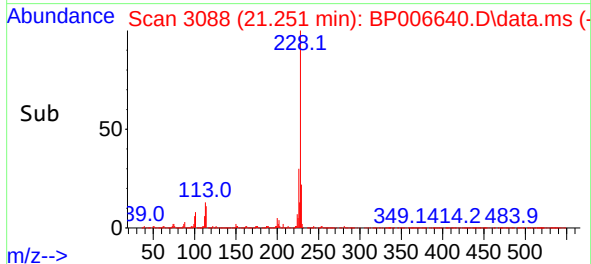
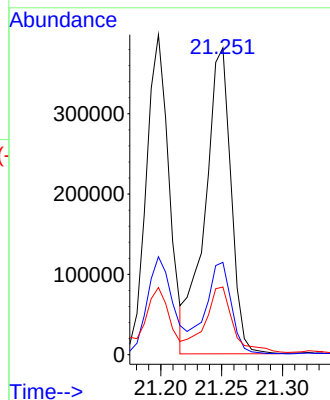
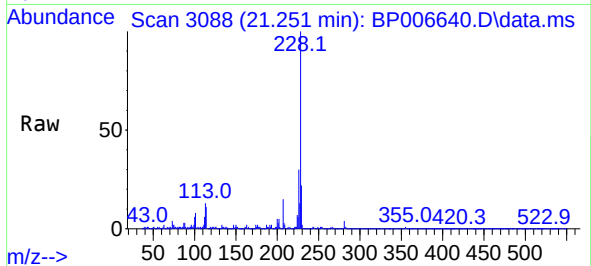
#87
Chrysene
Concen: 10.527 ng/ul
RT: 21.251 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP006640.D
Acq: 11 Aug 2021 01:16

Tgt Ion:228 Resp: 568343
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 22.1 15.8 23.6

Instrument :
BNA_P
ClientSampled :
C00E4

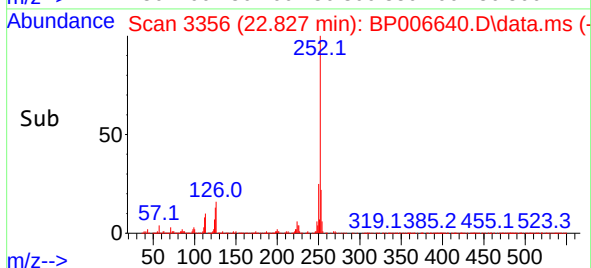
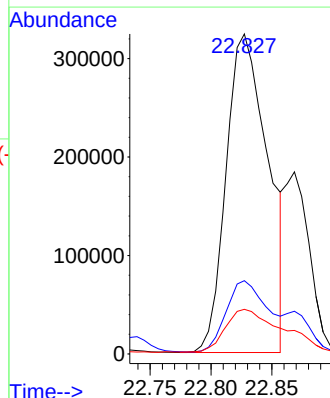
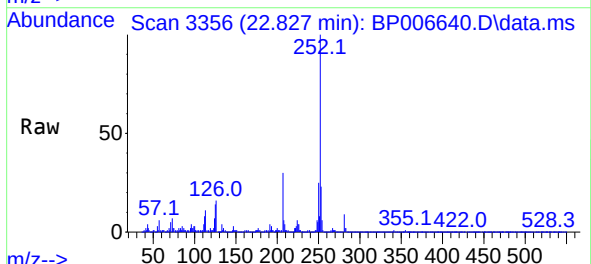
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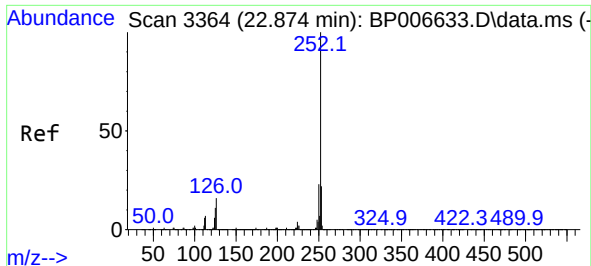
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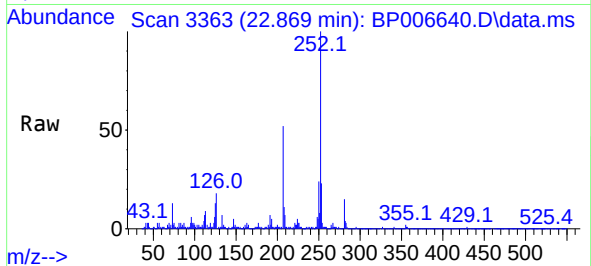
#90
Benzo(b)fluoranthene
Concen: 13.152 ng/ul
RT: 22.827 min Scan# 3356
Delta R.T. -0.000 min
Lab File: BP006640.D
Acq: 11 Aug 2021 01:16

Tgt Ion:252 Resp: 772826
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 13.9 10.3 15.5

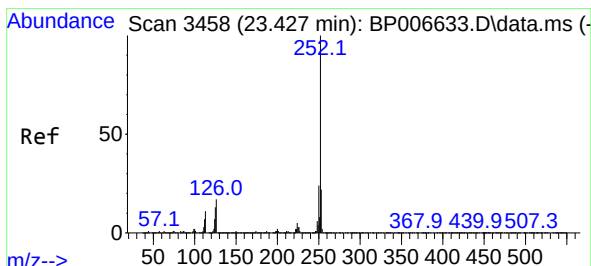
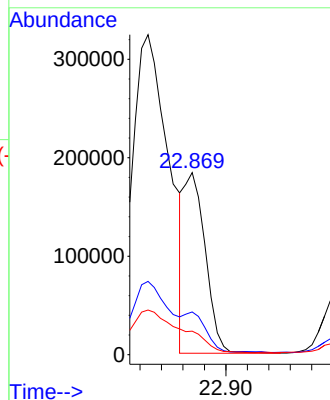
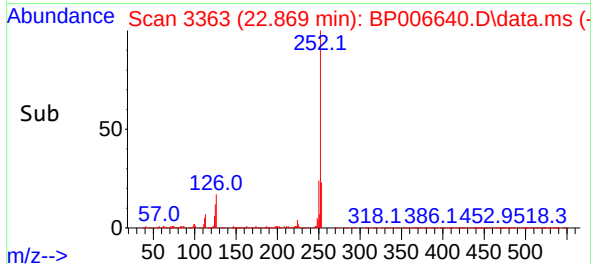




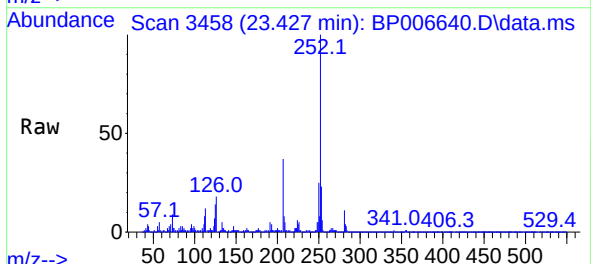
#91
Benzo(k)fluoranthene
Concen: 4.451 ng/ul m
RT: 22.869 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BP006640.D
Acq: 11 Aug 2021 01:16



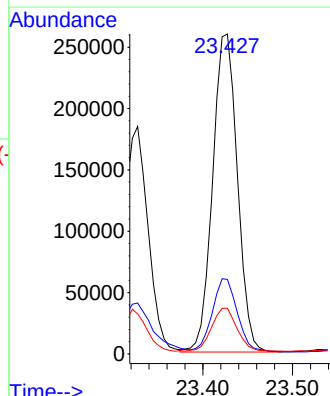
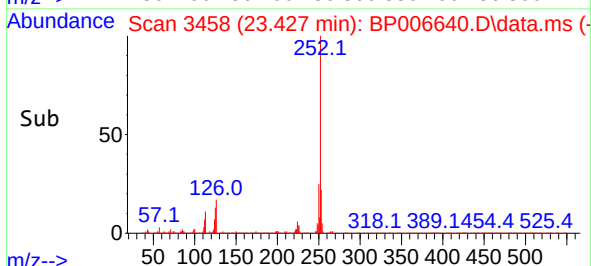
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Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 12.9 10.4 15.6



#93
Benzo(a)pyrene
Concen: 9.320 ng/ul
RT: 23.427 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP006640.D
Acq: 11 Aug 2021 01:16



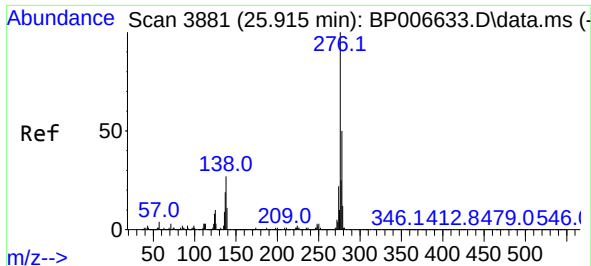
Tgt Ion:252 Resp: 496110
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 14.3 10.6 16.0



Instrument :
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ClientSampled :
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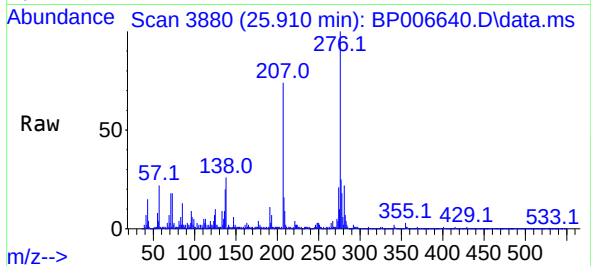
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#94
Indeno(1,2,3-cd)pyrene
Concen: 5.690 ng/ul
RT: 25.910 min Scan# 3880
Delta R.T. -0.018 min
Lab File: BP006640.D
Acq: 11 Aug 2021 01:16

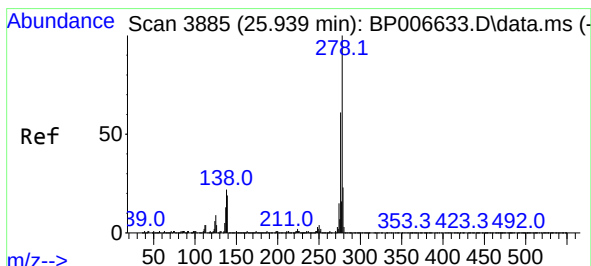
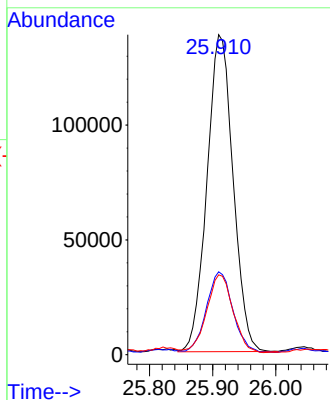
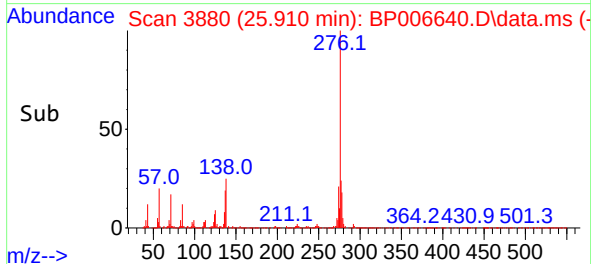
Instrument :
BNA_P
ClientSampled :
C00E4



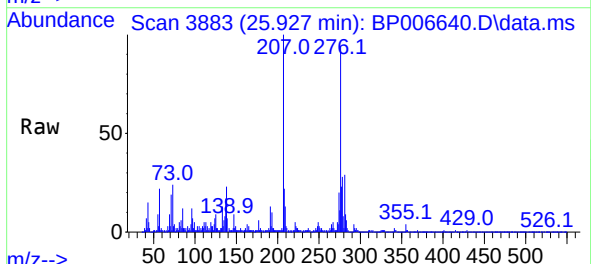
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Ion Ratio Lower Upper
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138 25.9 23.0 34.4
277 24.9 20.0 30.0

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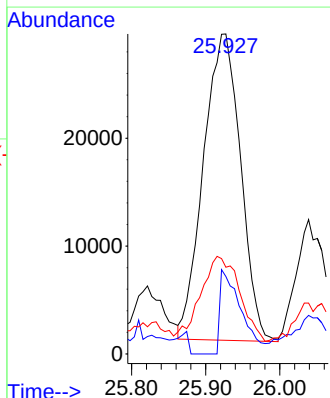
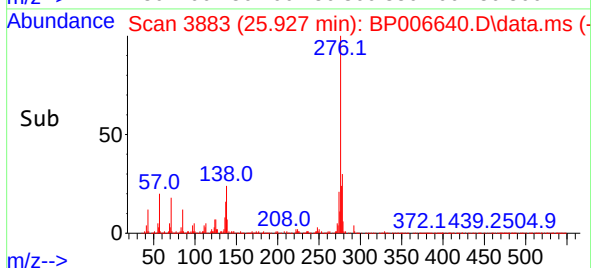
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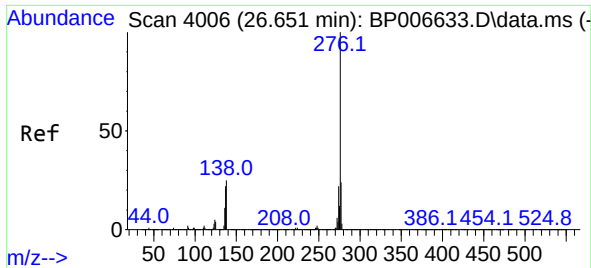


#95
Dibenzo(a,h)anthracene
Concen: 1.692 ng/ul
RT: 25.927 min Scan# 3883
Delta R.T. -0.018 min
Lab File: BP006640.D
Acq: 11 Aug 2021 01:16



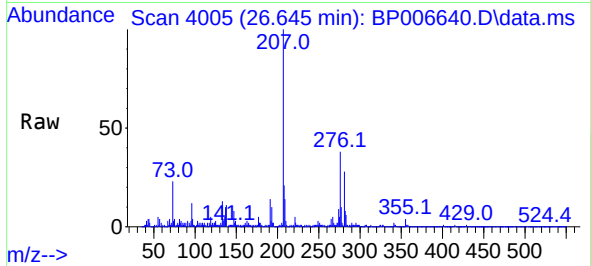
Tgt Ion:278 Resp: 98944
Ion Ratio Lower Upper
278 100
139 24.2 14.4 21.6#
279 27.1 19.1 28.7





#96
Benzo(g,h,i)perylene
Concen: 2.247 ng/ul
RT: 26.645 min Scan# 4005
Delta R.T. -0.012 min
Lab File: BP006640.D
Acq: 11 Aug 2021 01:16

Instrument :
BNA_P
ClientSampleId :
C00E4



Tgt Ion: 276 Resp: 129862
Ion Ratio Lower Upper
276 100
138 29.3 21.5 32.3
277 25.7 19.0 28.6

Manual Integrations
APPROVED

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