

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
 Data File : BP006644.D
 Acq On : 11 Aug 2021 03:33
 Operator : CG/JU
 Sample : M3182-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00C8

Manual Integrations
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Quant Time: Aug 11 05:22:18 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	197122	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	859258	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	483308	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	950191	20.000	ng/u1	0.00
79) Chrysene-d12	21.216	240	882696	20.000	ng/u1	0.00
88) Perylene-d12	23.527	264	924148	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	14780	2.536	ng/uL	0.00
4) Pyridine-d5	3.640	84	140140	8.365	ng/u1	0.00
7) Phenol-d5	6.899	99	285086	14.386	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	182799	15.010	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	223317	15.131	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	189686	11.982	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	115709	15.864	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	118060	15.469	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	195938	15.195	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	149838	7.149	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	596812	16.102	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	753011	16.563	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	95879	12.384	ng/u1	0.00
60) Fluorene-d10	15.351	176	504332	16.730	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	57732	9.192	ng/u1	0.00
73) Anthracene-d10	17.210	188	719928	16.013	ng/u1	0.00
81) Pyrene-d10	19.457	212	849441	18.325	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.380	264	810974	16.273	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.552	128	120614	2.586	ng/u1	99
36) 2-Methylnaphthalene	12.169	142	74592	2.328	ng/u1	98
37) 1-Methylnaphthalene	12.387	142	36686	1.150	ng/u1	99
50) Acenaphthylene	14.075	152	170764	3.842	ng/u1	99
72) Phenanthrene	17.151	178	326877	6.089	ng/u1	98
74) Anthracene	17.245	178	108985	1.999	ng/u1	97
80) Fluoranthene	19.133	202	947574	16.264	ng/u1	99
82) Pyrene	19.486	202	915914	15.220	ng/u1	99
85) Benzo(a)anthracene	21.198	228	681113	11.847	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.139	149	159609	3.482	ng/u1	99
87) Chrysene	21.251	228	811080	14.632	ng/u1	99
90) Benzo(b)fluoranthene	22.827	252	1189688	19.817	ng/u1	98
91) Benzo(k)fluoranthene	22.869	252	386371m	6.648	ng/u1	
93) Benzo(a)pyrene	23.427	252	698974	12.853	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	25.910	276	555811	7.816	ng/u1	96
95) Dibenzo(a,h)anthracene	25.927	278	139911	2.342	ng/u1#	90
96) Benzo(g,h,i)perylene	26.639	276	153943	2.607	ng/u1	99

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

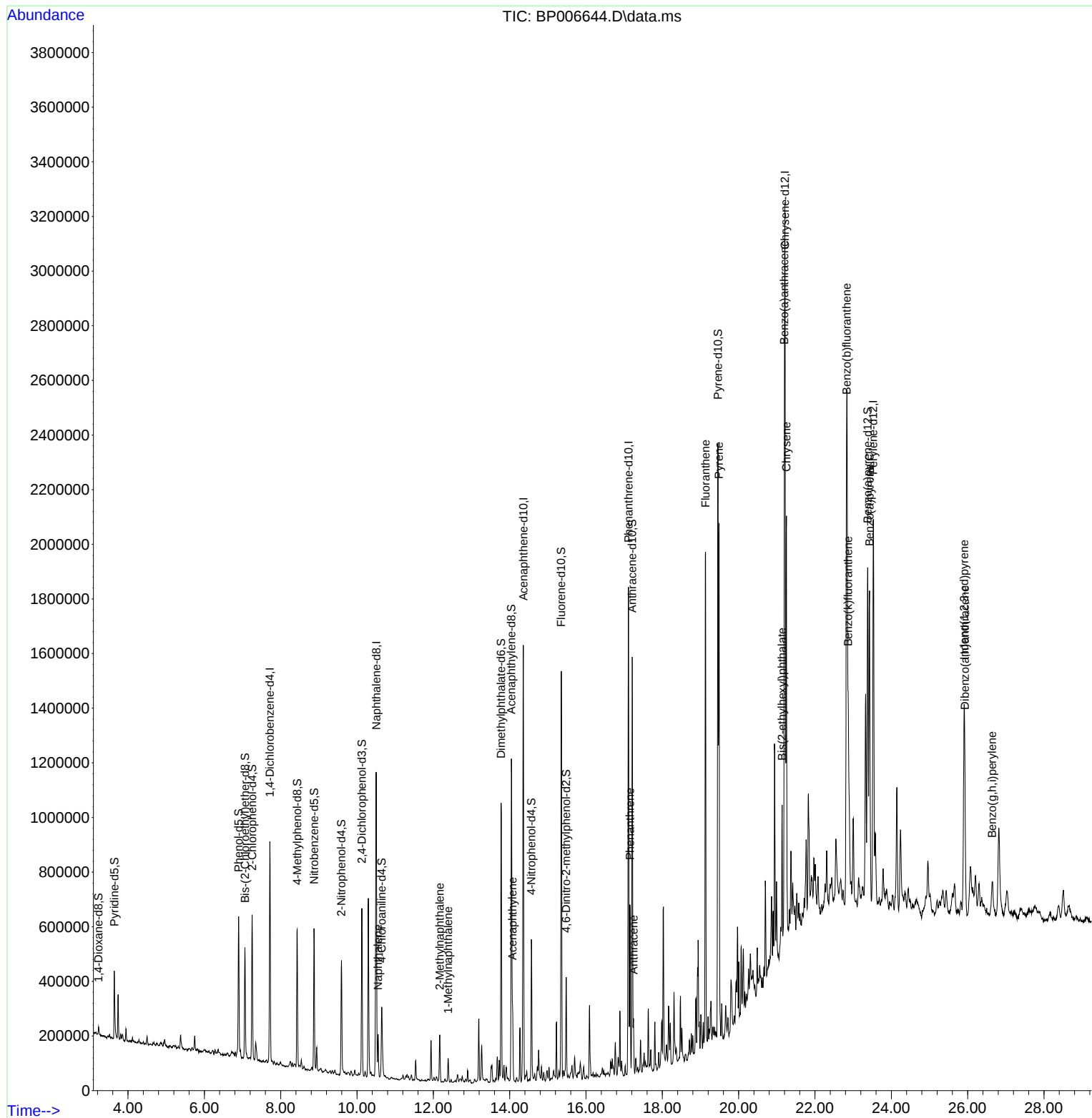
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
Data File : BP006644.D
Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
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ALS Vial : 27 Sample Multiplier: 1

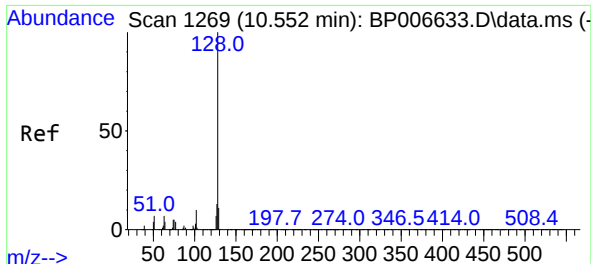
Instrument :
BNA_P
ClientSampled :
C00C8

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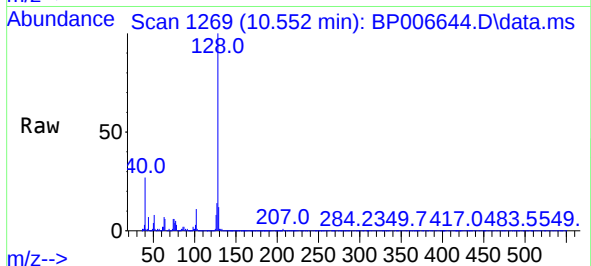
Quant Time: Aug 11 05:22:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 11 02:03:57 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.586 ng/ul
RT: 10.552 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

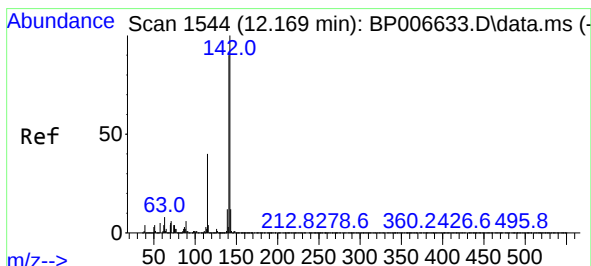
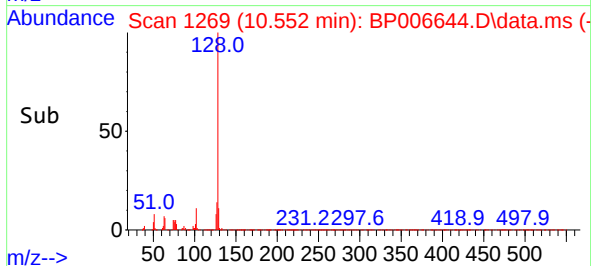
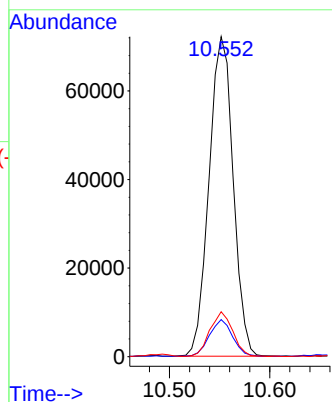
Instrument :
BNA_P
ClientSampleId :
C00C8



Tgt Ion:128 Resp: 120614
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 14.1 10.7 16.1

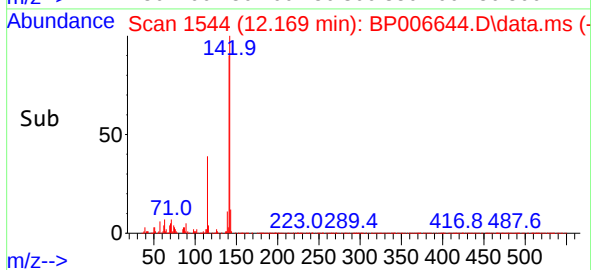
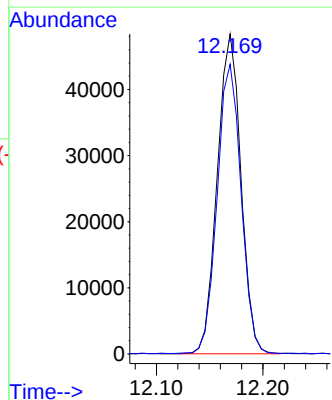
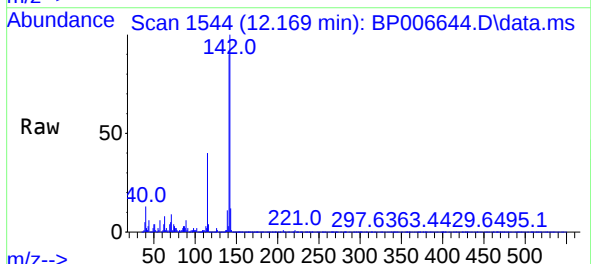
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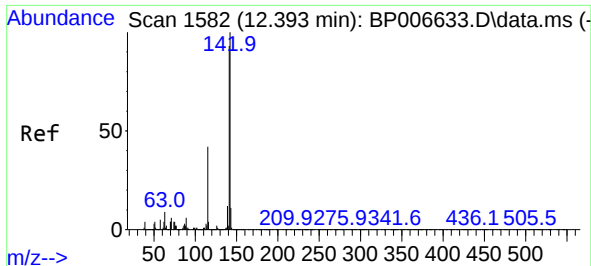
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#36
2-Methylnaphthalene
Concen: 2.328 ng/ul
RT: 12.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

Tgt Ion:142 Resp: 74592
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8





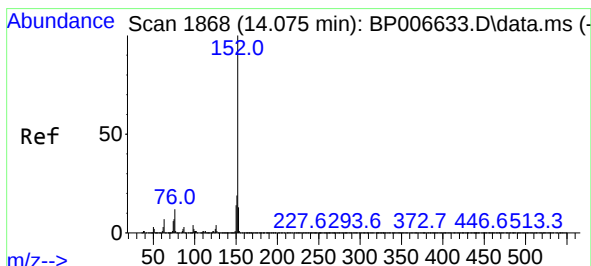
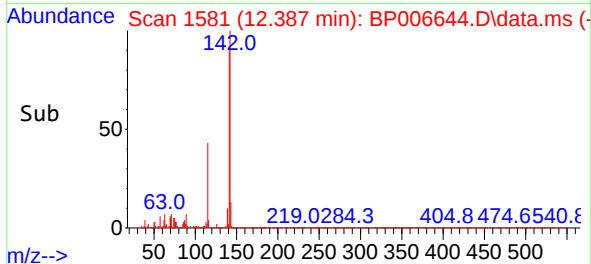
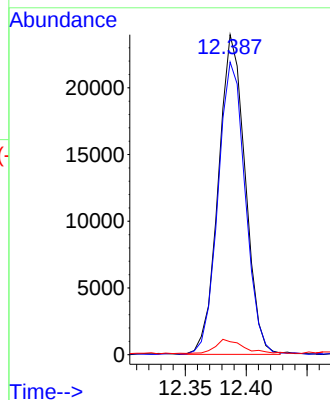
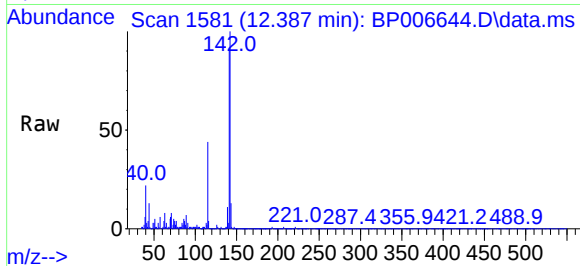
#37
1-Methylnaphthalene
Concen: 1.150 ng/ul
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

Tgt Ion:142 Resp: 36686
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.6
116 4.0 3.1 4.7

Instrument :
BNA_P
ClientSampled :
C00C8

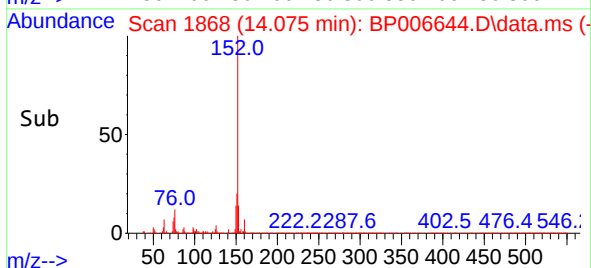
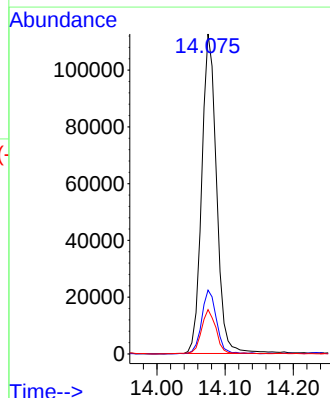
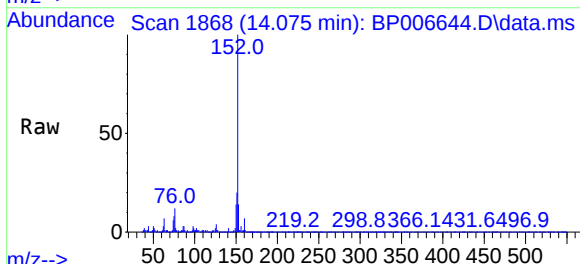
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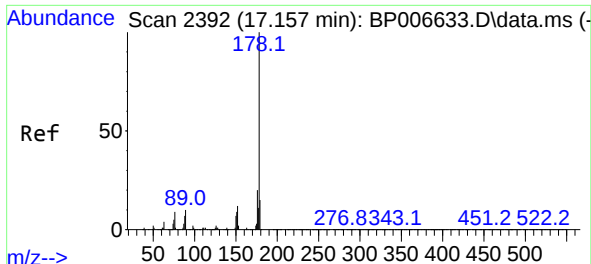
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#50
Acenaphthylene
Concen: 3.842 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

Tgt Ion:152 Resp: 170764
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.8 10.4 15.6





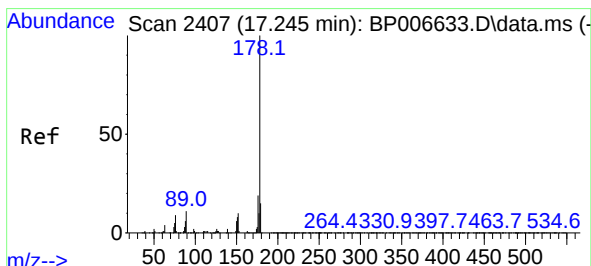
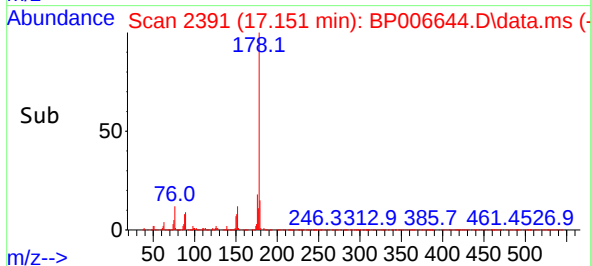
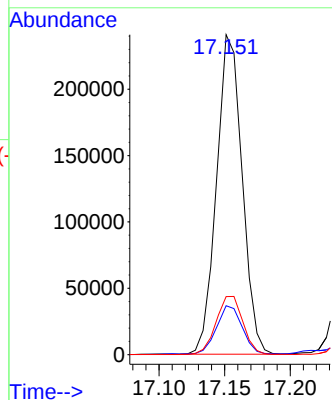
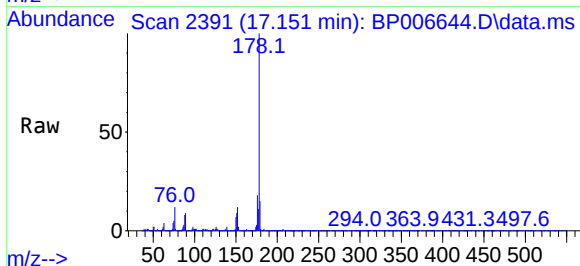
#72
Phenanthrene
Concen: 6.089 ng/u1
RT: 17.151 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

Tgt Ion:178 Resp: 326877
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 18.2 15.4 23.2

Instrument :
BNA_P
ClientSampled :
C00C8

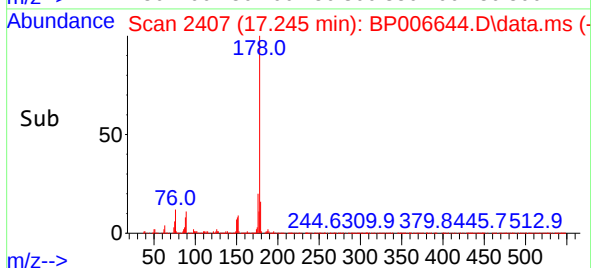
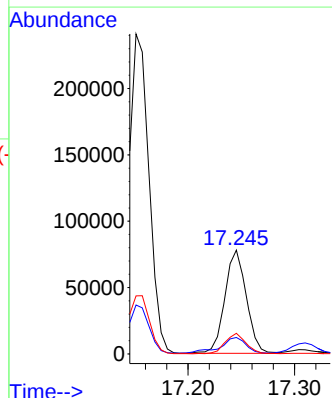
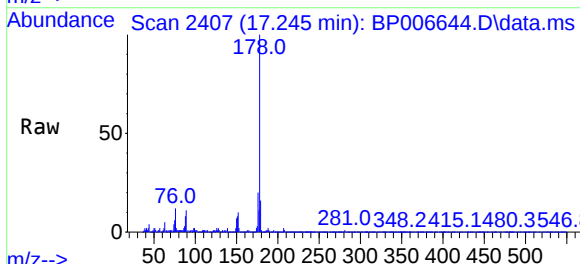
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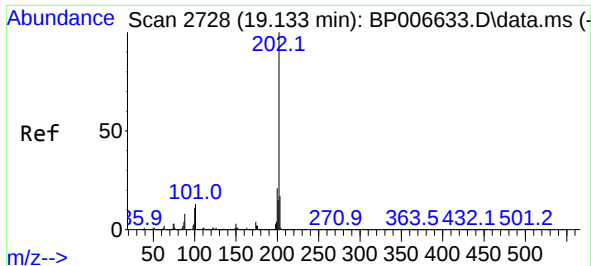
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#74
Anthracene
Concen: 1.999 ng/u1
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

Tgt Ion:178 Resp: 108985
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 19.9 14.6 21.8





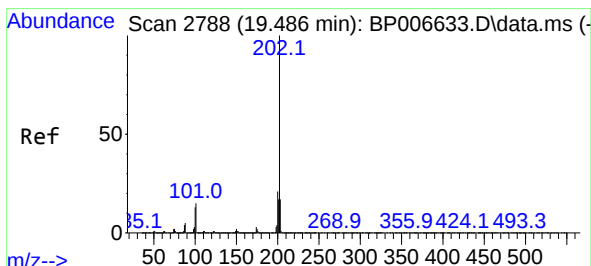
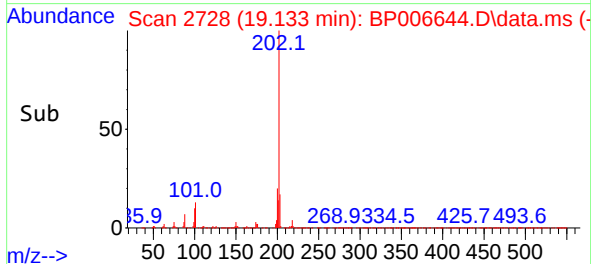
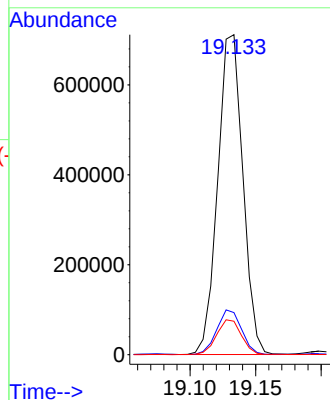
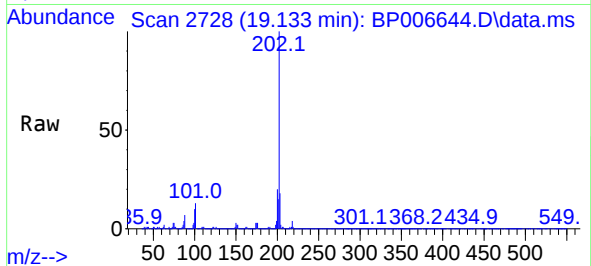
#80
Fluoranthene
Concen: 16.264 ng/ul
RT: 19.133 min Scan# 2728
Delta R.T. -0.000 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

Tgt Ion:	202	Resp:	947574
Ion Ratio	Lower	Upper	
202	100		
101	13.1	11.0	16.6
100	10.5	8.7	13.1

Instrument :
BNA_P
ClientSampled :
C00C8

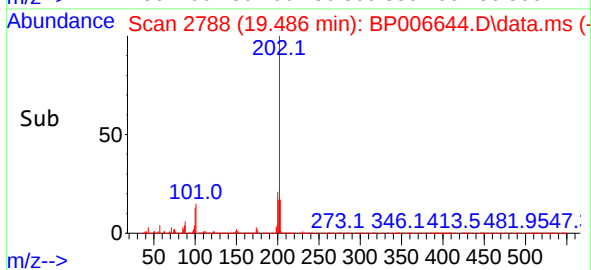
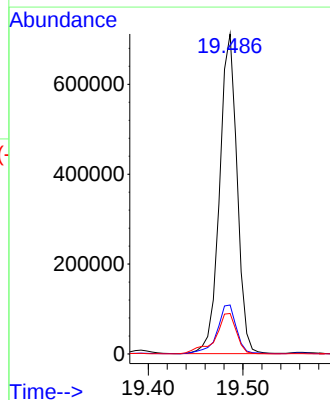
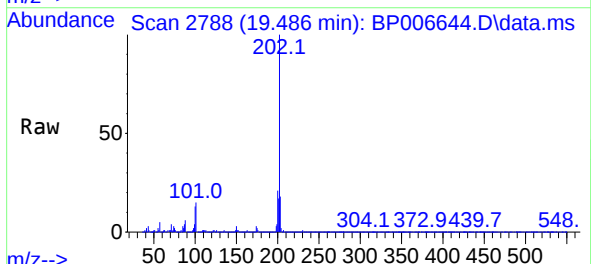
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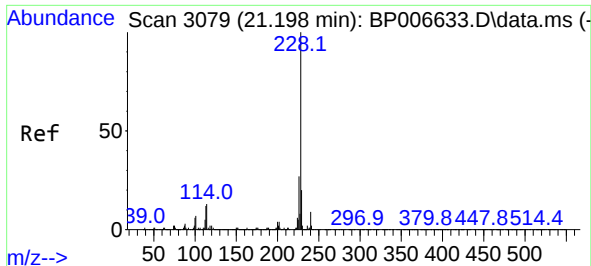
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#82
Pyrene
Concen: 15.220 ng/ul
RT: 19.486 min Scan# 2788
Delta R.T. -0.006 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

Tgt Ion:	202	Resp:	915914
Ion Ratio	Lower	Upper	
202	100		
101	15.3	12.1	18.1
100	12.6	10.6	16.0





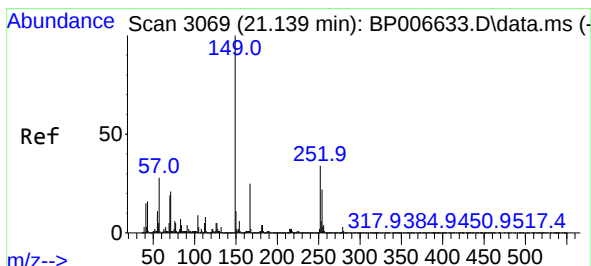
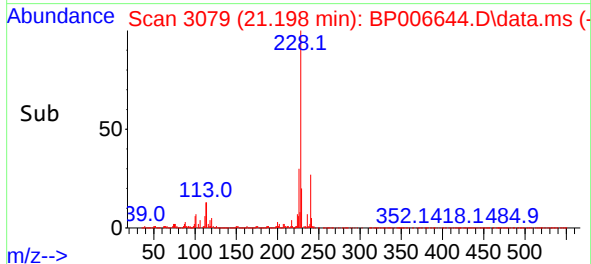
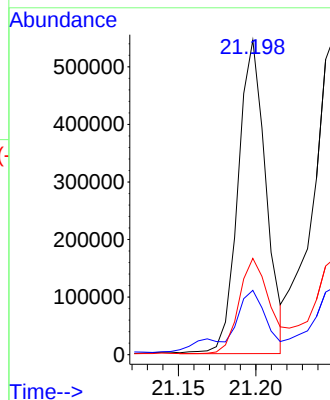
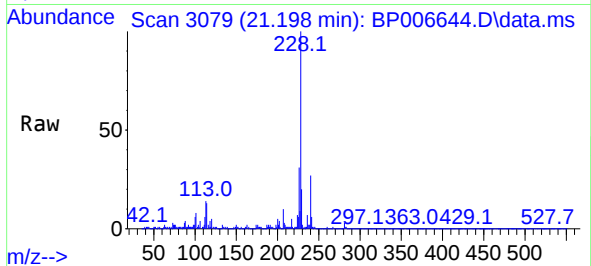
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Benzo(a)anthracene
Concen: 11.847 ng/ul
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

Tgt Ion:228 Resp: 681113
Ion Ratio Lower Upper
228 100
229 20.5 15.3 22.9
226 30.6 21.2 31.8

Instrument :
BNA_P
ClientSampled :
C00C8

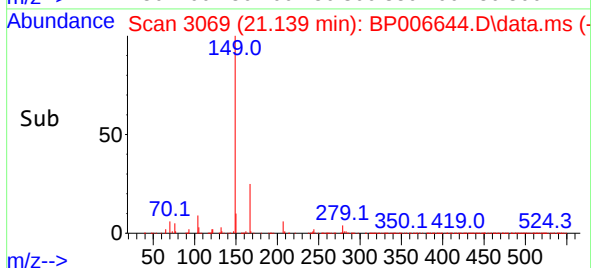
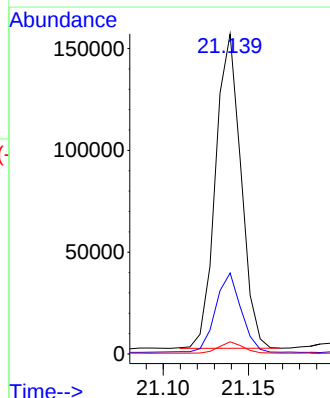
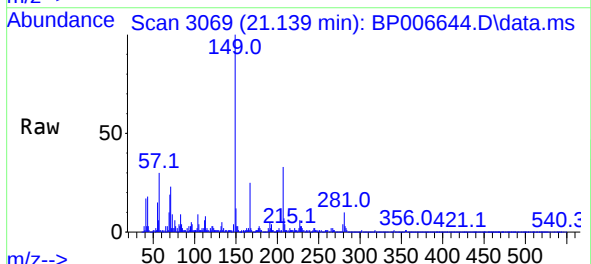
Manual Integrations
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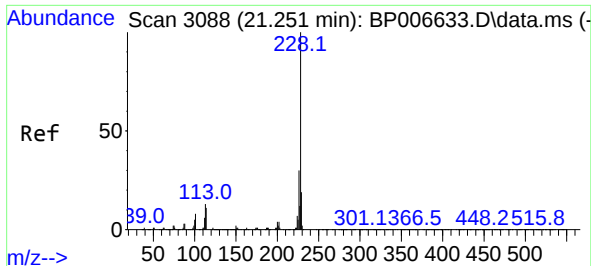
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#86
Bis(2-ethylhexyl)phthalate
Concen: 3.482 ng/ul
RT: 21.139 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

Tgt Ion:149 Resp: 159609
Ion Ratio Lower Upper
149 100
167 25.3 20.0 30.0
279 3.8 2.9 4.3





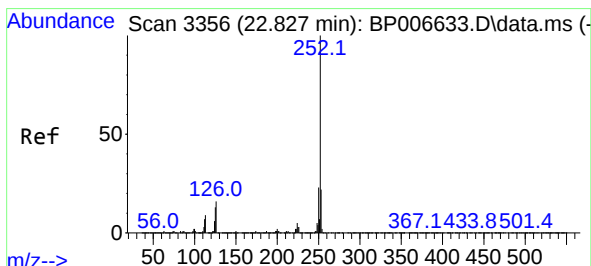
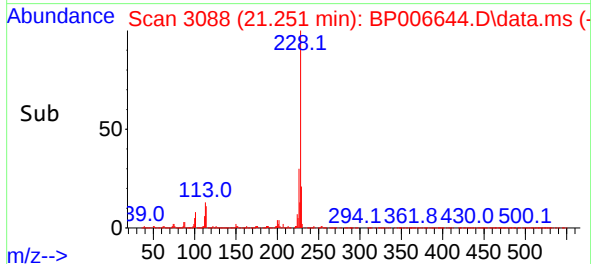
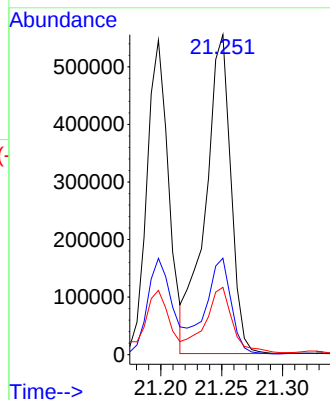
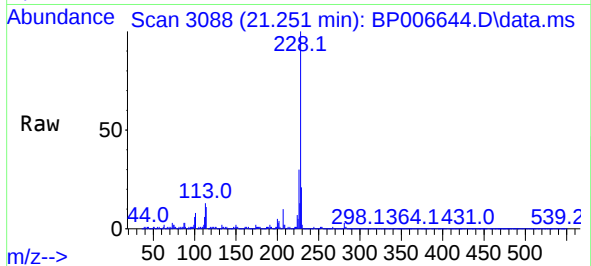
#87
Chrysene
Concen: 14.632 ng/u1
RT: 21.251 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

Tgt Ion:228 Resp: 811080
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 21.1 15.8 23.6

Instrument :
BNA_P
ClientSampled :
C00C8

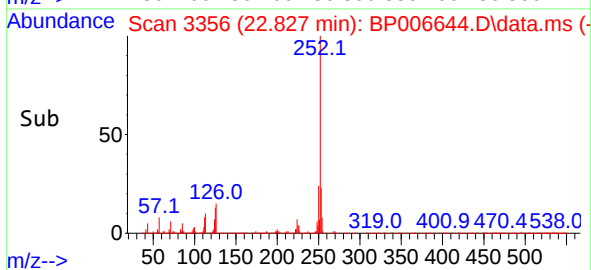
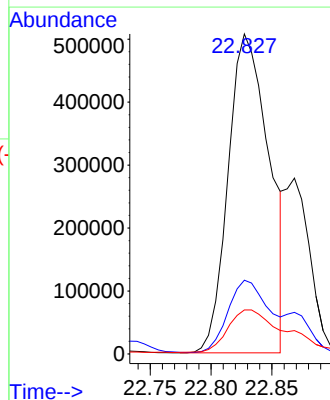
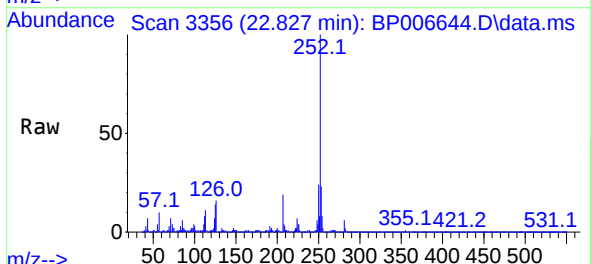
Manual Integrations
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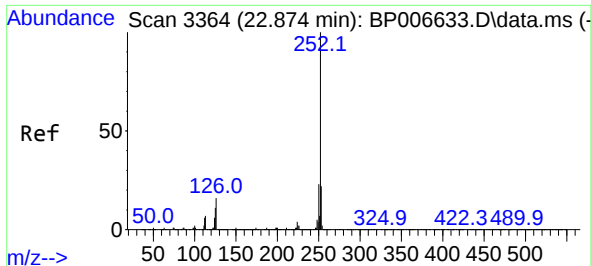
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#90
Benzo(b)fluoranthene
Concen: 19.817 ng/u1
RT: 22.827 min Scan# 3356
Delta R.T. -0.000 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

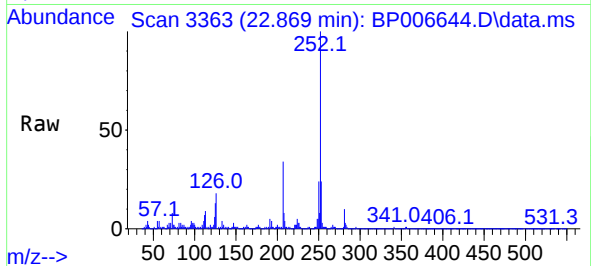
Tgt Ion:252 Resp: 1189688
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 13.8 10.3 15.5





#91
Benzo(k)fluoranthene
Concen: 6.648 ng/ul m
RT: 22.869 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

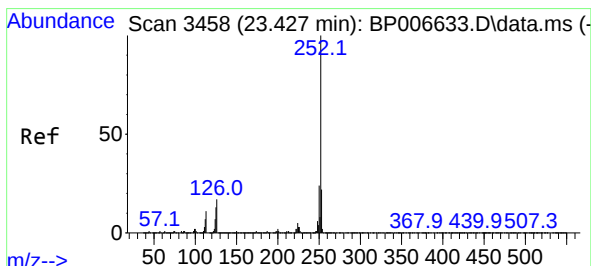
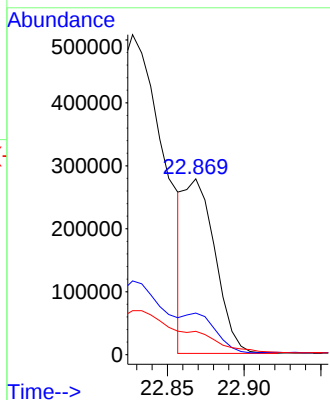
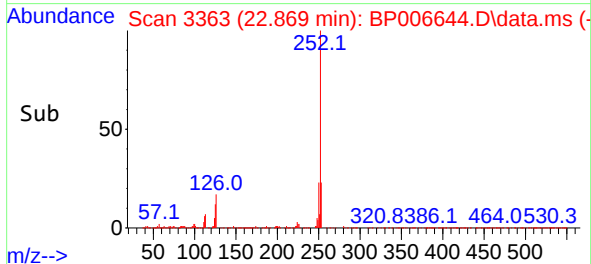
Instrument :
BNA_P
ClientSampled :
C00C8



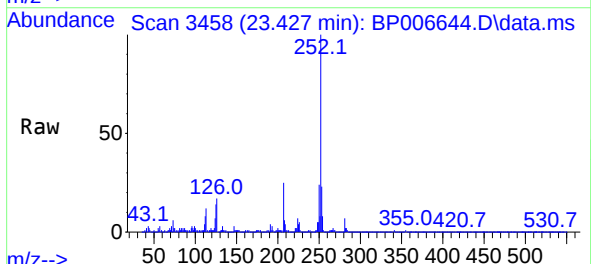
Tgt Ion:252 Resp: 386371
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 13.3 10.4 15.6

Manual Integrations
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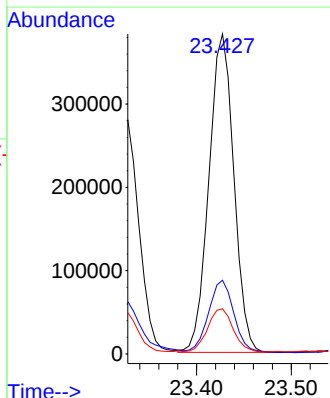
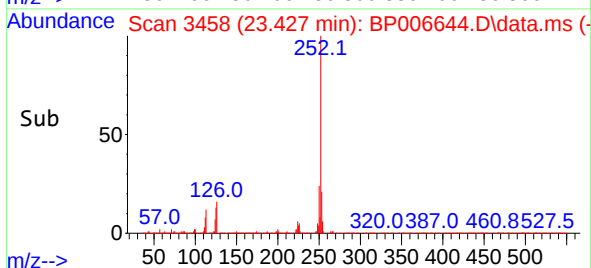
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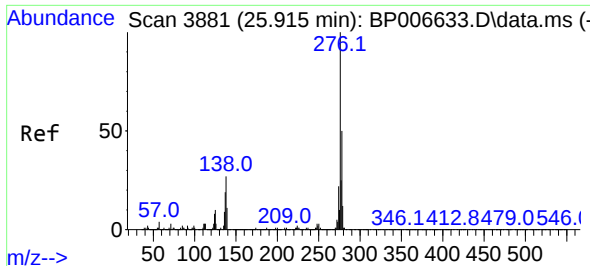


#93
Benzo(a)pyrene
Concen: 12.853 ng/ul
RT: 23.427 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33



Tgt Ion:252 Resp: 698974
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 14.1 10.6 16.0





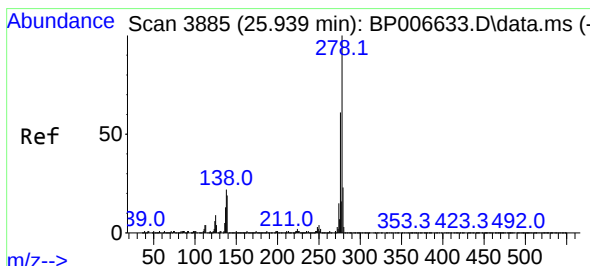
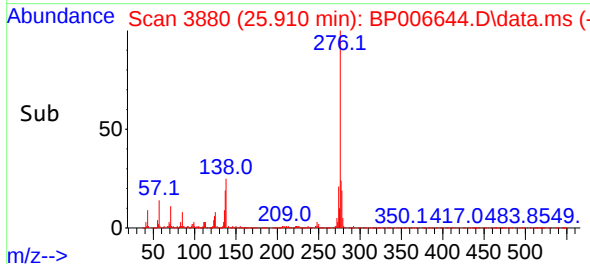
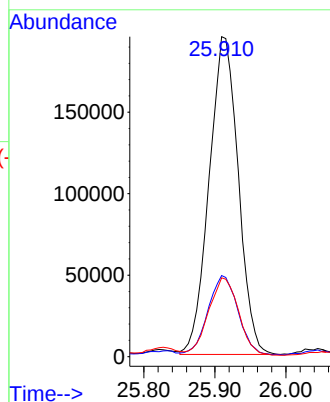
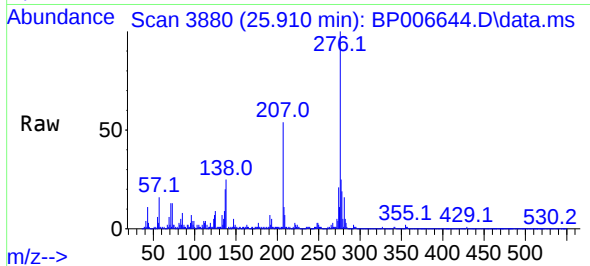
#94
Indeno(1,2,3-cd)pyrene
Concen: 7.816 ng/ul
RT: 25.910 min Scan# 3880
Delta R.T. -0.018 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

Instrument :
BNA_P
ClientSampled :
C00C8

Tgt Ion:276 Resp: 555811
Ion Ratio Lower Upper
276 100
138 25.4 23.0 34.4
277 24.6 20.0 30.0

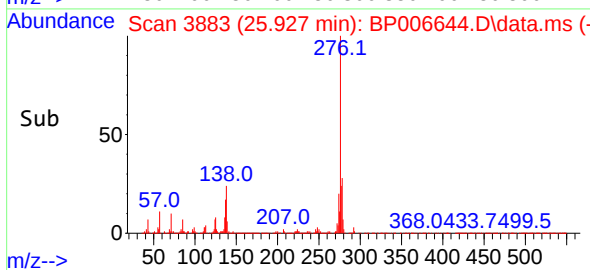
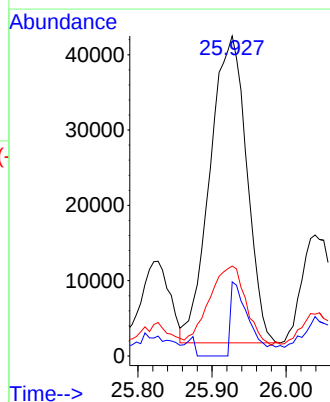
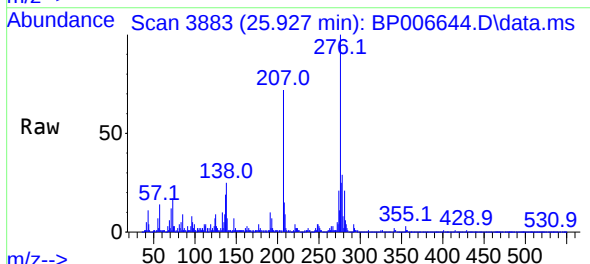
Manual Integrations
APPROVED

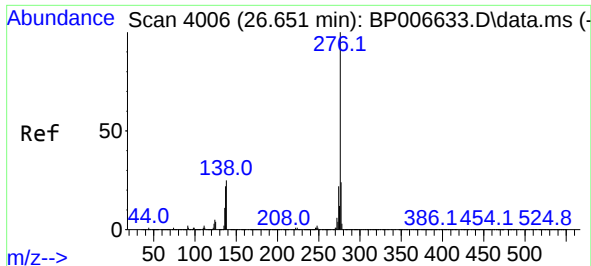
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#95
Dibenzo(a,h)anthracene
Concen: 2.342 ng/ul
RT: 25.927 min Scan# 3883
Delta R.T. -0.018 min
Lab File: BP006644.D
Acq: 11 Aug 2021 03:33

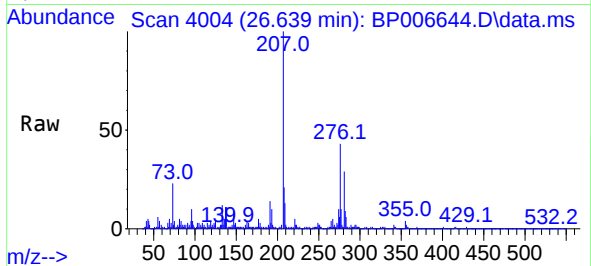
Tgt Ion:278 Resp: 139911
Ion Ratio Lower Upper
278 100
139 23.2 14.4 21.6#
279 28.1 19.1 28.7





#96
 Benzo(g,h,i)perylene
 Concen: 2.607 ng/ul
 RT: 26.639 min Scan# 4004
 Delta R.T. -0.018 min
 Lab File: BP006644.D
 Acq: 11 Aug 2021 03:33

Instrument :
 BNA_P
 ClientSampleId :
 C00C8



Tgt Ion:276 Resp: 153943

Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.5	32.3
277	24.4	19.0	28.6

Manual Integrations
 APPROVED

mohammad
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