

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
 Data File : BP006664.D
 Acq On : 12 Aug 2021 14:26
 Operator : CG/JU
 Sample : M3246-05 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA8

Manual Integrations
 APPROVED

mohammad
 8/13/2021 8:47:48 AM

Quant Time: Aug 12 14:25:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 12 13:01:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	143673	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	630828	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	365331	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	719857	20.000	ng/u1	0.00
79) Chrysene-d12	21.216	240	681273	20.000	ng/u1	0.00
88) Perylene-d12	23.533	264	720396	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.229	96	1723	0.406	ng/uL	0.00
4) Pyridine-d5	3.664	84	7795m	0.638	ng/u1	0.04
7) Phenol-d5	6.893	99	25718	1.781	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	18364	2.069	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	21068	1.959	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	19280	1.671	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	10472	1.956	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	10311	1.840	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	17650	1.864	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	9139	0.594	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	58491	2.088	ng/u1	0.00
49) Acenaphthylene-d8	14.046	160	70214	2.043	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	4293	0.734	ng/u1	0.00
60) Fluorene-d10	15.351	176	49500	2.172	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	4621	0.971	ng/u1	0.00
73) Anthracene-d10	17.204	188	75660	2.221	ng/u1	0.00
81) Pyrene-d10	19.457	212	83031	2.321	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.380	264	84671	2.180	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.416	153	26090	1.089	ng/u1	99
61) Fluorene	15.404	166	30602	1.146	ng/u1	93
72) Phenanthrene	17.151	178	506584	12.457	ng/u1	99
74) Anthracene	17.245	178	120417	2.916	ng/u1	99
77) Carbazole	17.522	167	58990	1.529	ng/u1	97
80) Fluoranthene	19.128	202	769970	17.123	ng/u1	99
82) Pyrene	19.486	202	611968	13.176	ng/u1	98
85) Benzo(a)anthracene	21.198	228	319315	7.196	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.145	149	1914251	54.102	ng/u1	100
87) Chrysene	21.251	228	284066	6.640	ng/u1	97
90) Benzo(b)fluoranthene	22.827	252	378220	8.082	ng/u1	95
91) Benzo(k)fluoranthene	22.869	252	150235m	3.316	ng/u1	
93) Benzo(a)pyrene	23.427	252	274410	6.473	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	25.916	276	186157	3.358	ng/u1	97
95) Dibenzo(a,h)anthracene	25.933	278	48773m	1.048	ng/u1	
96) Benzo(g,h,i)perylene	26.651	276	144481	3.139	ng/u1	98

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

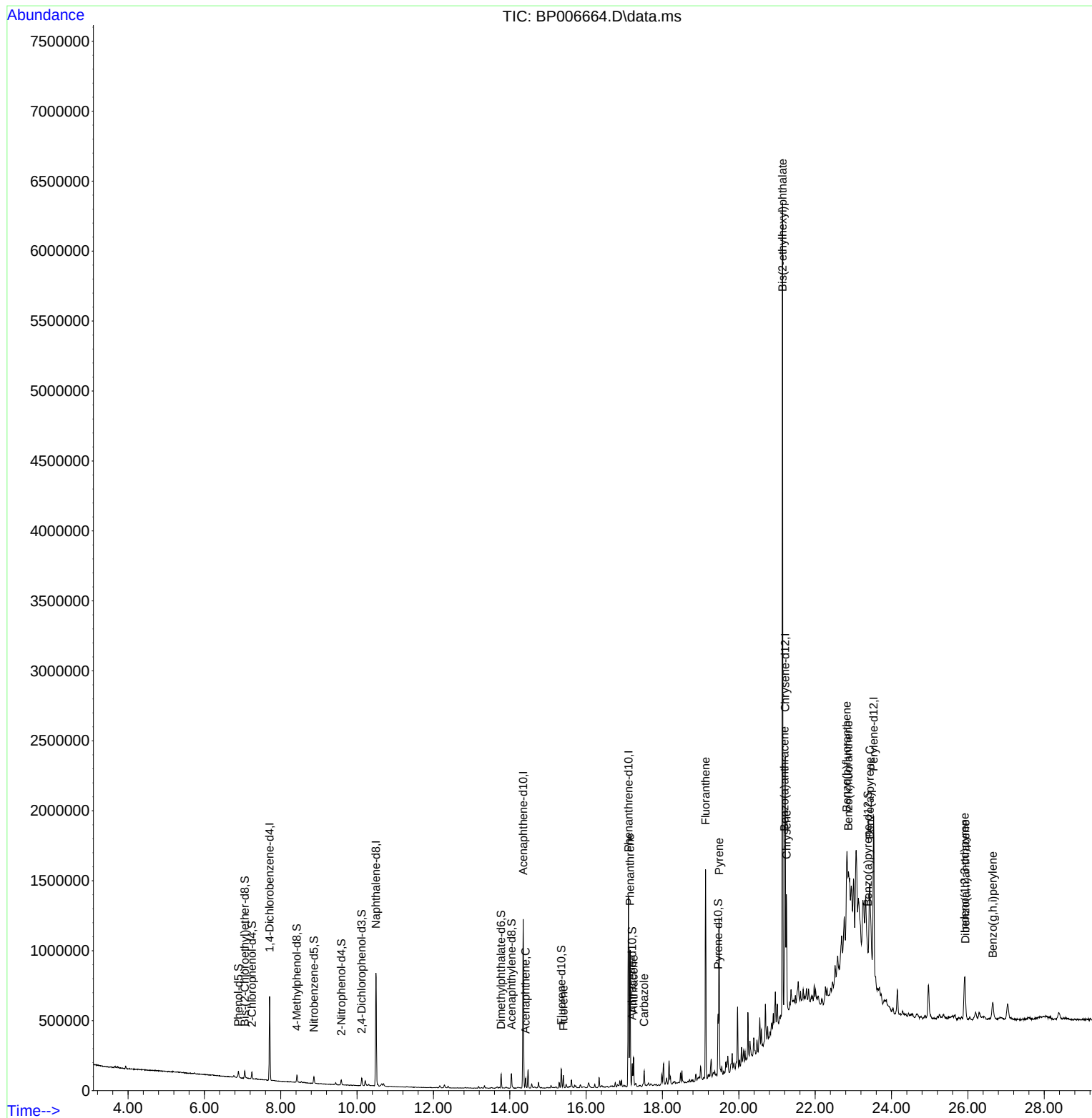
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
Data File : BP006664.D
Acq On : 12 Aug 2021 14:26
Operator : CG/JU
Sample : M3246-05 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

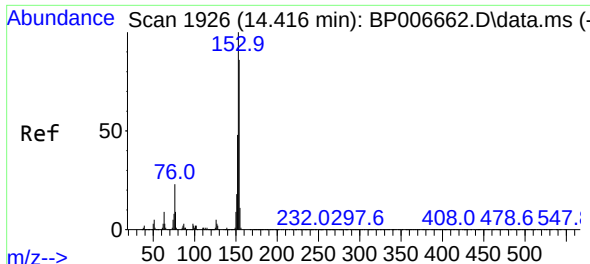
Instrument :
BNA_P
ClientSampleId :
C0AA8

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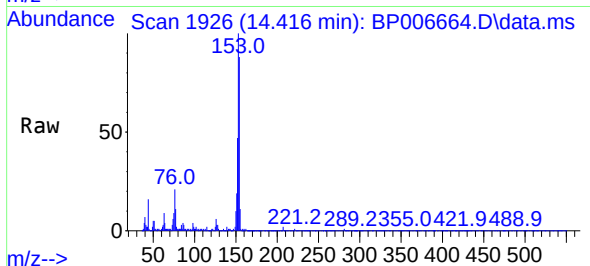
Quant Time: Aug 12 14:25:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 12 13:01:43 2021
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.089 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26

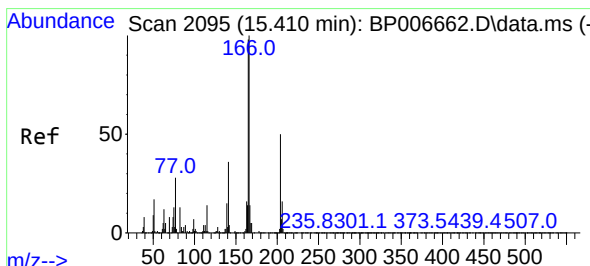
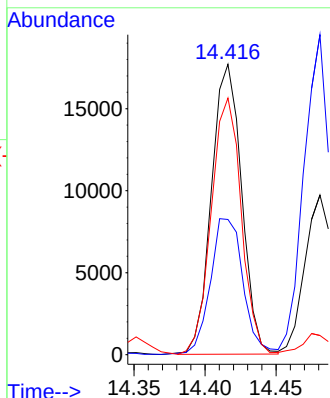
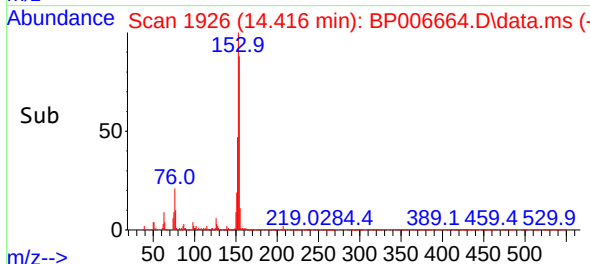
Instrument :
BNA_P
ClientSampled :
C0AA8



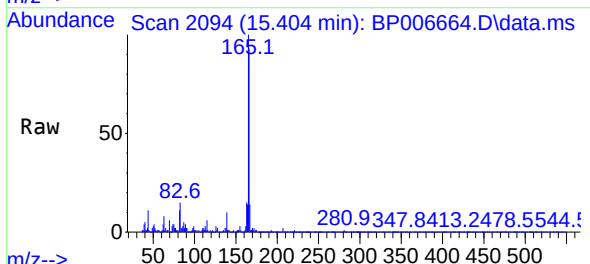
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Ion Ratio Lower Upper
153 100
152 46.6 38.2 57.2
154 88.4 70.7 106.1

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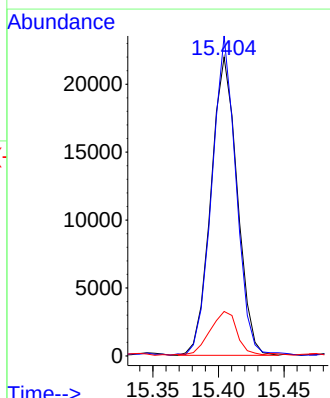
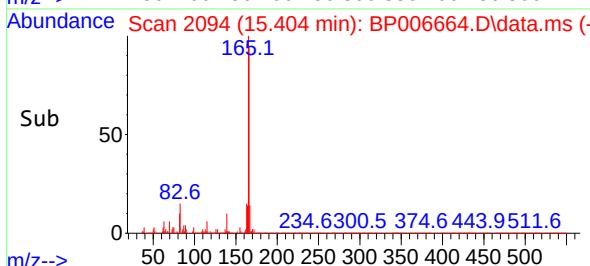
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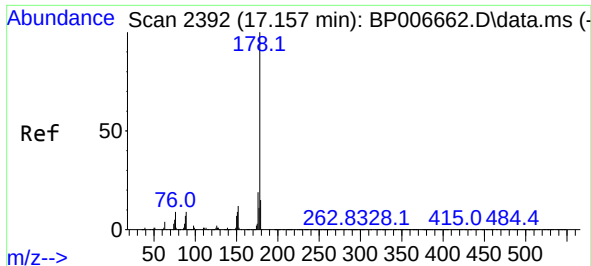


#61
Fluorene
Concen: 1.146 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26



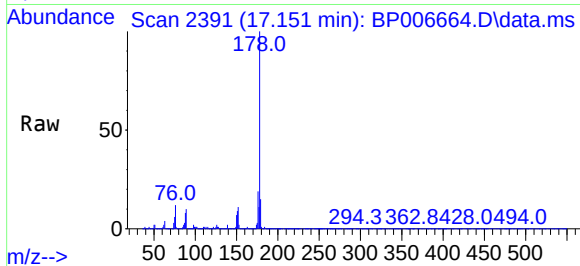
Tgt Ion:166 Resp: 30602
Ion Ratio Lower Upper
166 100
165 107.1 79.6 119.4
167 14.9 10.6 15.8





#72
Phenanthrene
Concen: 12.457 ng/u1
RT: 17.151 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26

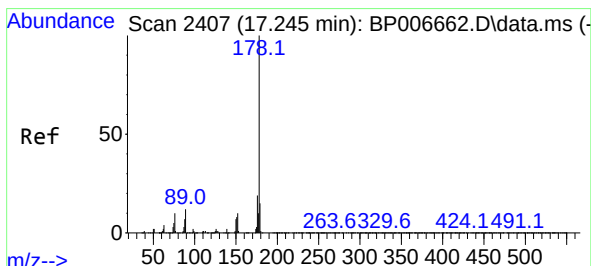
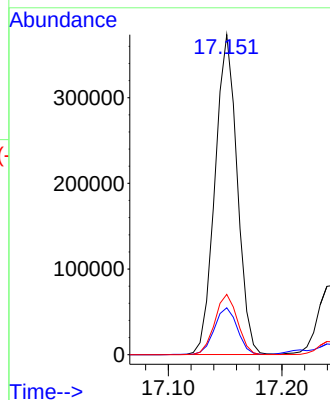
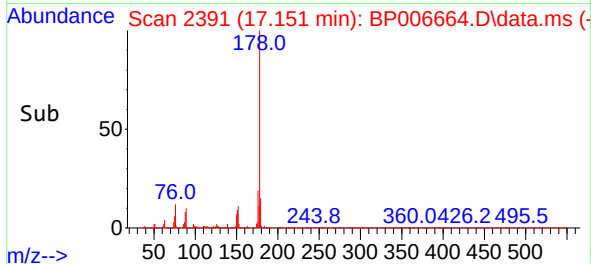
Instrument :
BNA_P
ClientSampled :
C0AA8



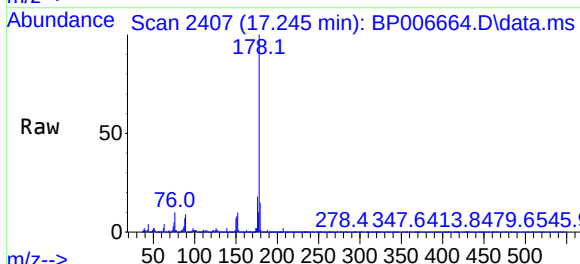
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Ion Ratio Lower Upper
178 100
179 14.7 12.1 18.1
176 18.9 15.2 22.8

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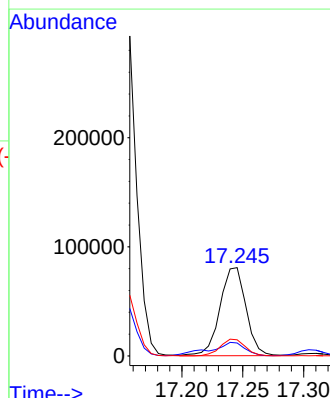
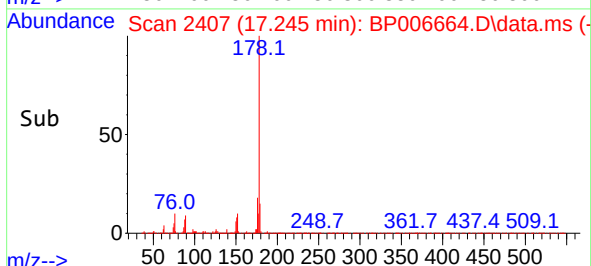
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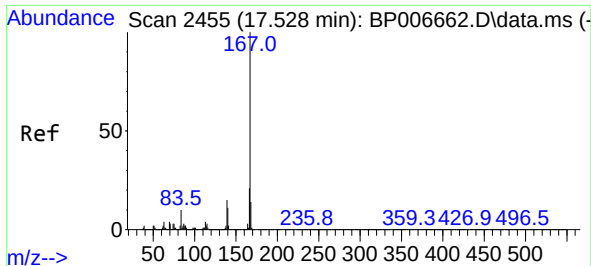


#74
Anthracene
Concen: 2.916 ng/u1
RT: 17.245 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26



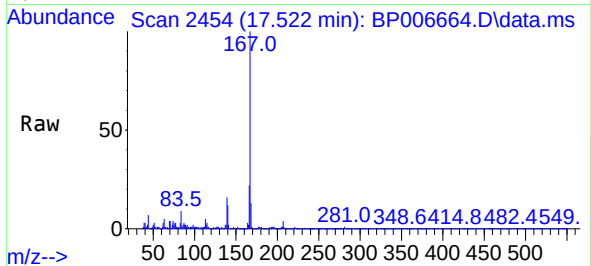
Tgt Ion:178 Resp: 120417
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.4
176 18.3 15.0 22.6





#77
 Carbazole
 Concen: 1.529 ng/ul
 RT: 17.522 min Scan# 2454
 Delta R.T. 0.000 min
 Lab File: BP006664.D
 Acq: 12 Aug 2021 14:26

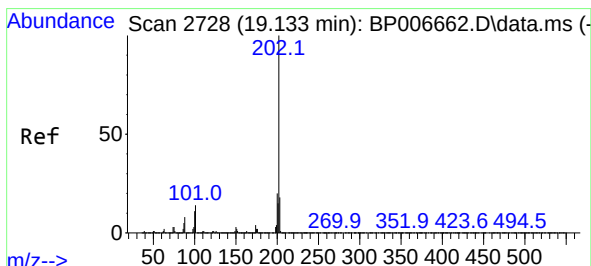
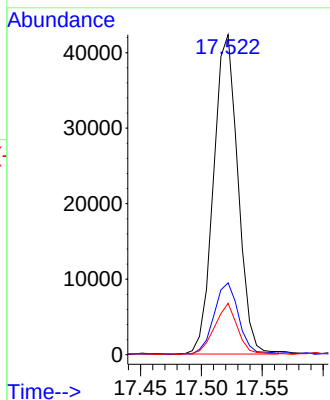
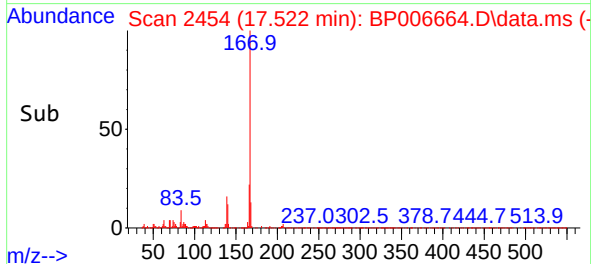
Instrument :
 BNA_P
 ClientSampled :
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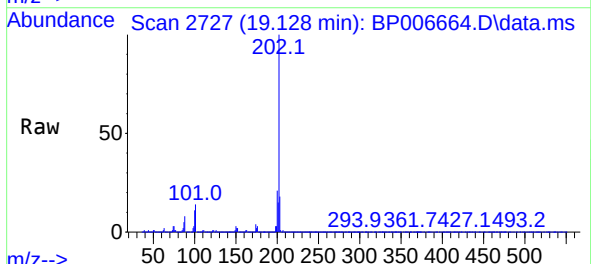
Tgt Ion:167 Resp: 58990
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.0 25.4
 139 16.1 11.5 17.3

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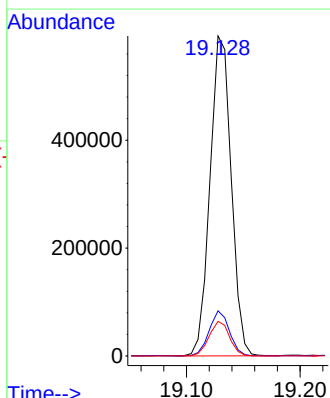
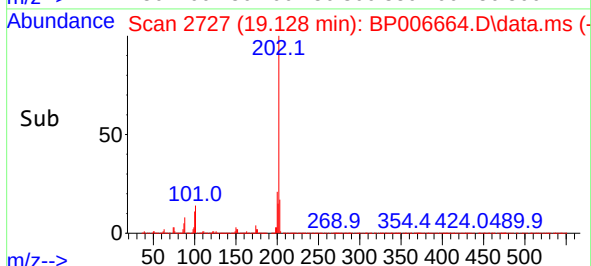
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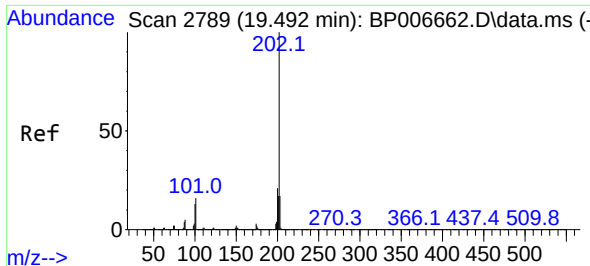


#80
 Fluoranthene
 Concen: 17.123 ng/ul
 RT: 19.128 min Scan# 2727
 Delta R.T. -0.006 min
 Lab File: BP006664.D
 Acq: 12 Aug 2021 14:26



Tgt Ion:202 Resp: 769970
 Ion Ratio Lower Upper
 202 100
 101 14.1 10.8 16.2
 100 10.8 8.2 12.4





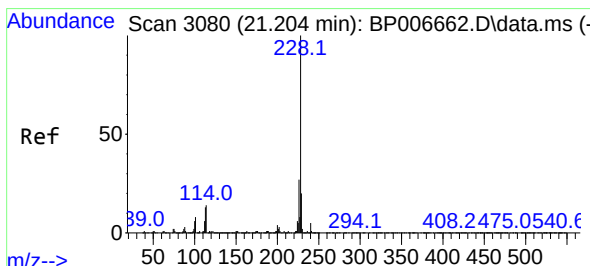
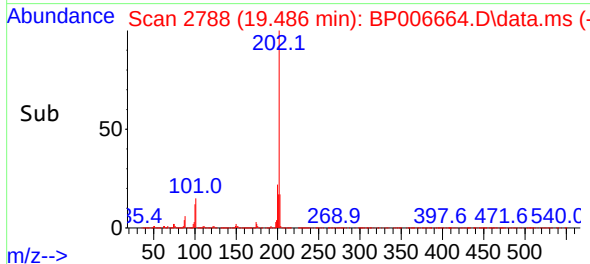
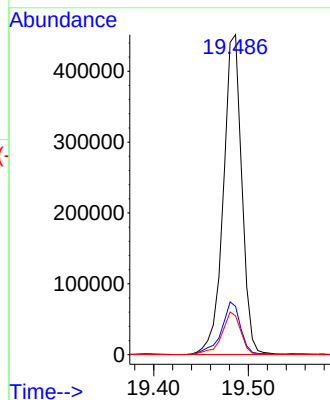
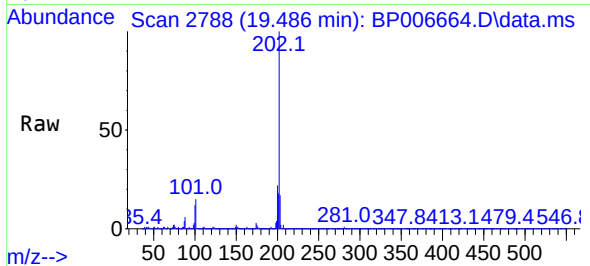
#82
Pyrene
Concen: 13.176 ng/ul
RT: 19.486 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26

Tgt Ion:	202	Resp:	611968
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.6	18.8
100	12.1	10.5	15.7

Instrument :
BNA_P
ClientSampled :
C0AA8

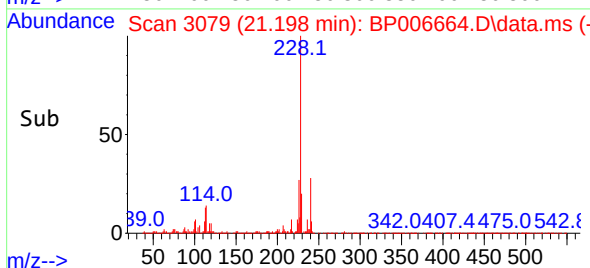
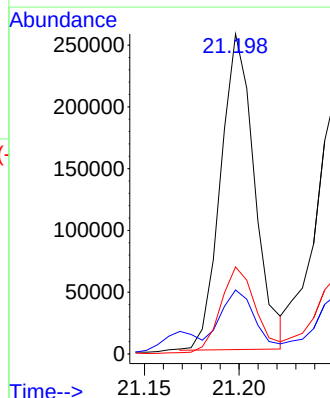
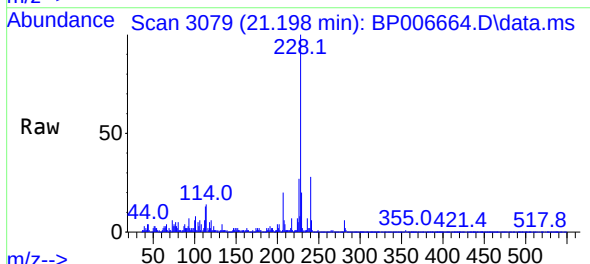
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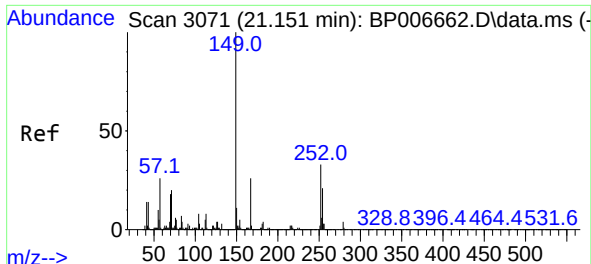
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#85
Benzo(a)anthracene
Concen: 7.196 ng/ul
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26

Tgt Ion:	228	Resp:	319315
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.7	23.5
226	27.2	21.6	32.4





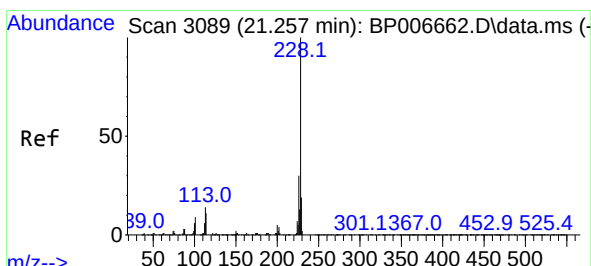
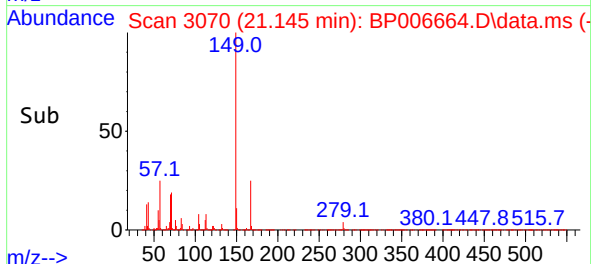
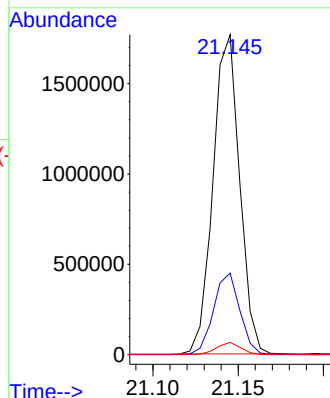
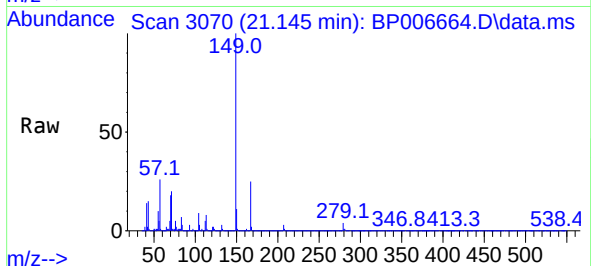
#86
Bis(2-ethylhexyl)phthalate
Concen: 54.102 ng/ul
RT: 21.145 min Scan# 3070
Delta R.T. 0.000 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26

Instrument :
BNA_P
ClientSampled :
C0AA8

Tgt Ion:149 Resp: 1914251
Ion Ratio Lower Upper
149 100
167 25.5 20.2 30.4
279 3.8 2.8 4.2

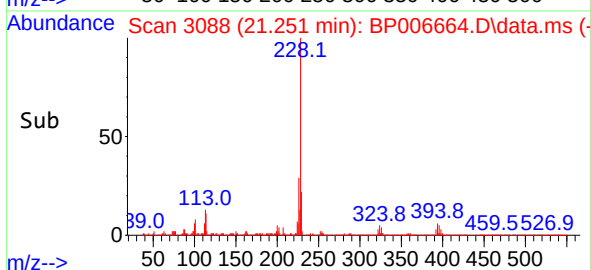
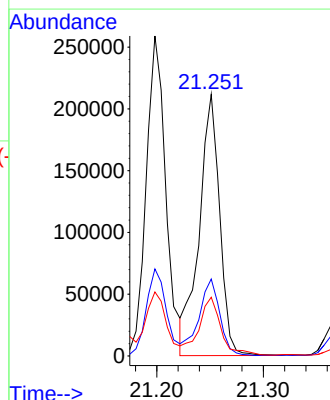
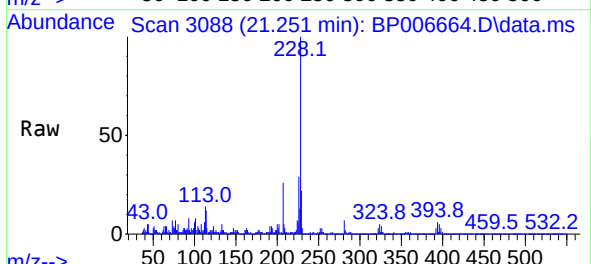
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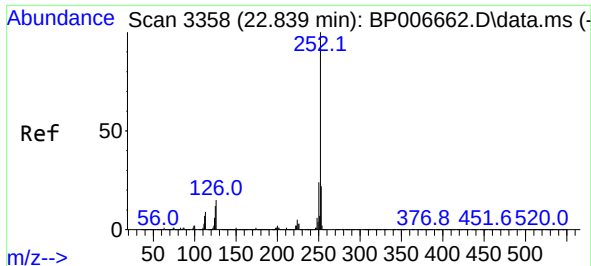
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#87
Chrysene
Concen: 6.640 ng/ul
RT: 21.251 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26

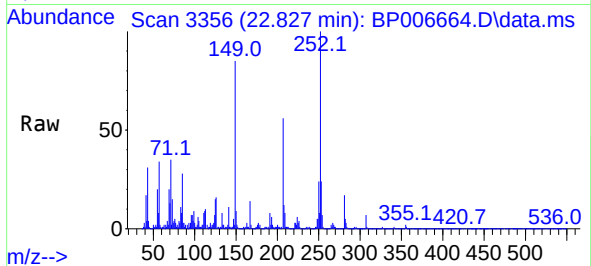
Tgt Ion:228 Resp: 284066
Ion Ratio Lower Upper
228 100
226 29.4 23.9 35.9
229 22.5 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 8.082 ng/ul
RT: 22.827 min Scan# 3356
Delta R.T. 0.000 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26

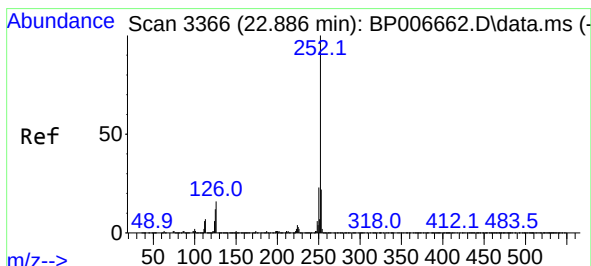
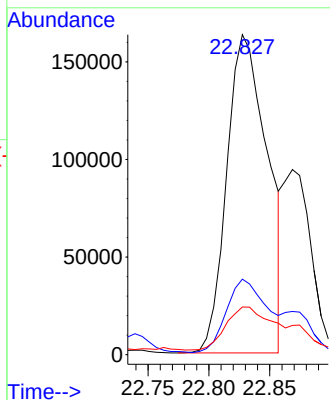
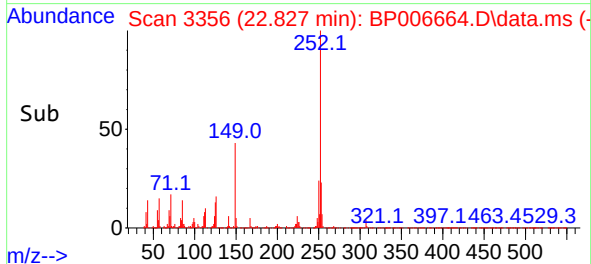
Instrument :
BNA_P
ClientSampled :
C0AA8



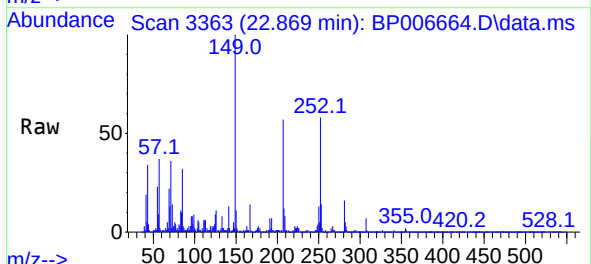
Tgt Ion:252 Resp: 378220
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 14.9 10.2 15.2

Manual Integrations
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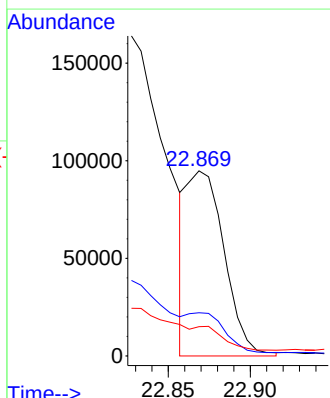
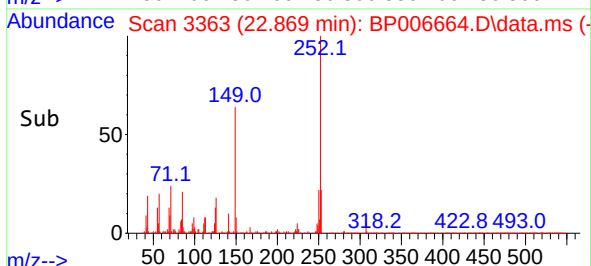
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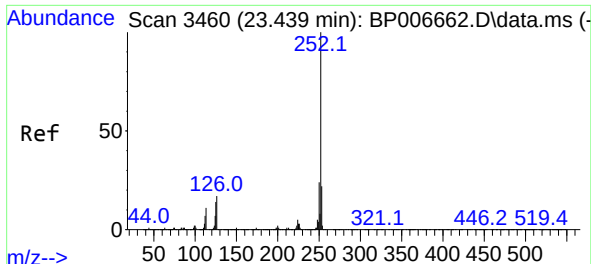


#91
Benzo(k)fluoranthene
Concen: 3.316 ng/ul m
RT: 22.869 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26



Tgt Ion:252 Resp: 150235
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 15.8 9.8 14.8#





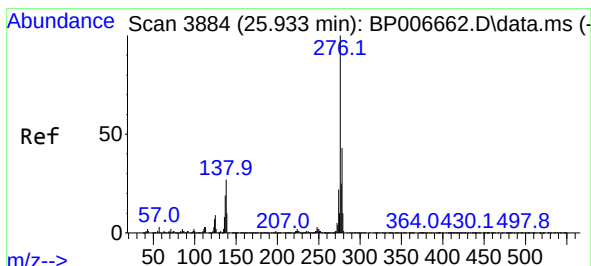
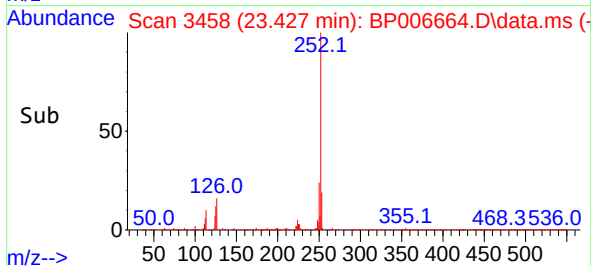
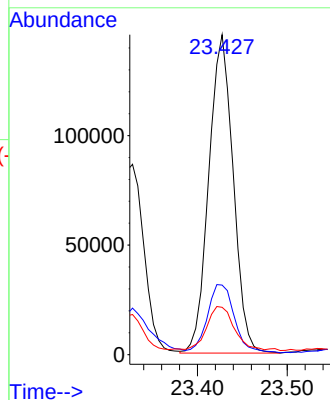
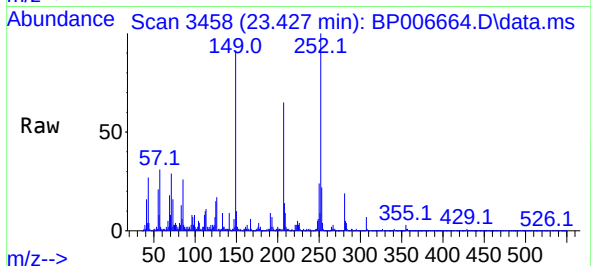
#93
Benzo(a)pyrene
Concen: 6.473 ng/ul
RT: 23.427 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26

Tgt Ion:	252	Resp:	274410
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.2
125	14.8	11.2	16.8

Instrument :
BNA_P
ClientSampled :
C0AA8

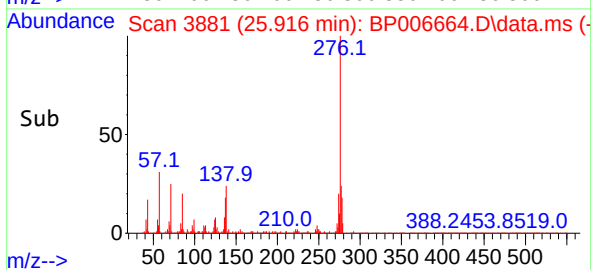
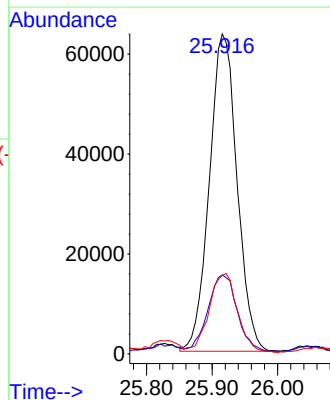
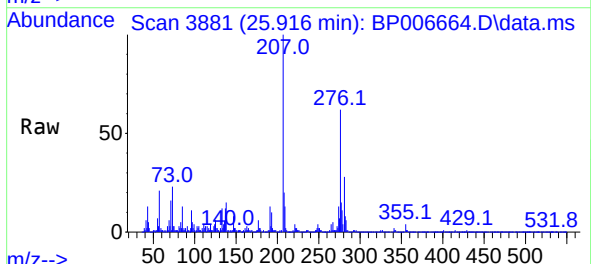
Manual Integrations
APPROVED

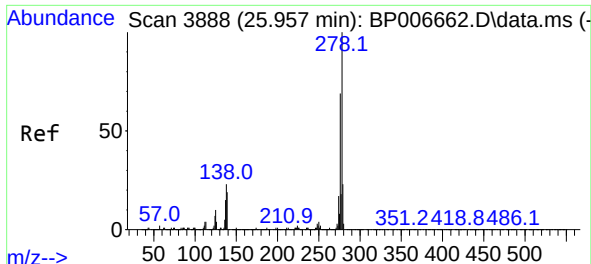
mohammad
8/13/2021 8:47:48 AM



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.358 ng/ul
RT: 25.916 min Scan# 3881
Delta R.T. -0.012 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26

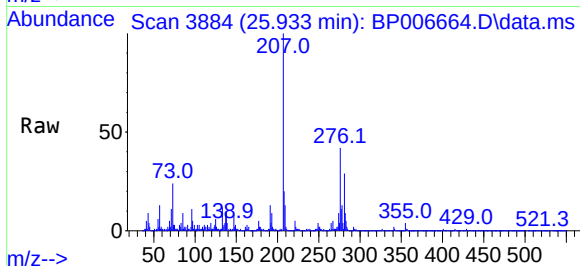
Tgt Ion:	276	Resp:	186157
Ion Ratio	Lower	Upper	
276	100		
138	24.7	22.3	33.5
277	24.6	19.7	29.5





#95
Dibenzo(a,h)anthracene
Concen: 1.048 ng/ul m
RT: 25.933 min Scan# 3884
Delta R.T. -0.012 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26

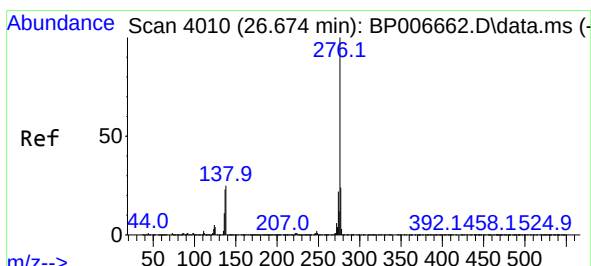
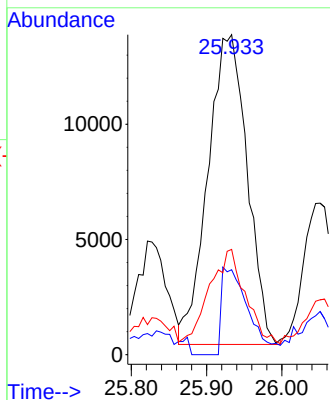
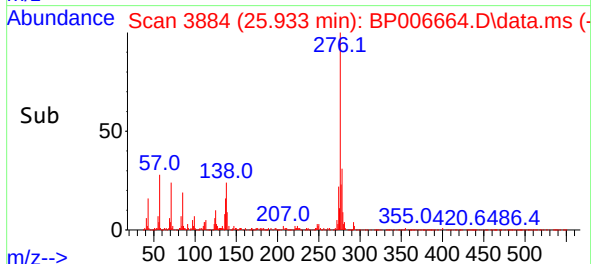
Instrument :
BNA_P
ClientSampled :
C0AA8



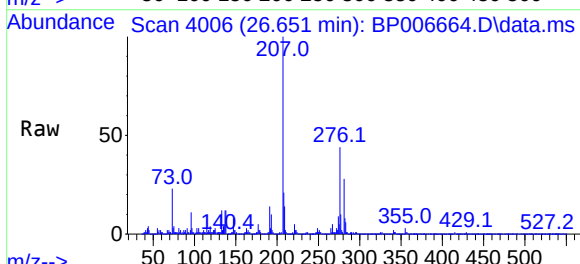
Tgt Ion:278 Resp: 48773
Ion Ratio Lower Upper
278 100
139 26.6 15.0 22.6#
279 32.9 19.1 28.7#

Manual Integrations
APPROVED

mohammad
8/13/2021 8:47:48 AM



#96
Benzo(g,h,i)perylene
Concen: 3.139 ng/ul
RT: 26.651 min Scan# 4006
Delta R.T. -0.012 min
Lab File: BP006664.D
Acq: 12 Aug 2021 14:26



Tgt Ion:276 Resp: 144481
Ion Ratio Lower Upper
276 100
138 26.5 19.9 29.9
277 23.9 18.5 27.7

