

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
 Data File : BP006645.D
 Acq On : 11 Aug 2021 04:07
 Operator : CG/JU
 Sample : M3182-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00C2

Manual Integrations
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8/11/2021 9:29:08 PM

Quant Time: Aug 11 05:22:29 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	204123	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	876847	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	493320	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	952078	20.000	ng/u1	0.00
79) Chrysene-d12	21.216	240	874348	20.000	ng/u1	0.00
88) Perylene-d12	23.527	264	916106	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	10308	1.708	ng/uL	0.00
4) Pyridine-d5	3.646	84	77213	4.451	ng/u1	0.01
7) Phenol-d5	6.899	99	200484	9.770	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	134723	10.683	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	163199	10.678	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	122171	7.452	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	86612	11.636	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	87433	11.226	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	139394	10.593	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	131629	6.154	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	453526	11.988	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	557273	12.009	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	61937	7.838	ng/u1	0.00
60) Fluorene-d10	15.351	176	376564	12.238	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	39728	6.313	ng/u1	0.00
73) Anthracene-d10	17.210	188	553043	12.277	ng/u1	0.00
81) Pyrene-d10	19.457	212	634568	13.820	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.374	264	599328	12.132	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.157	178	283954	5.279	ng/u1	100
74) Anthracene	17.245	178	62490	1.144	ng/u1	99
80) Fluoranthene	19.133	202	568899	9.858	ng/u1	98
82) Pyrene	19.486	202	456987	7.667	ng/u1	98
85) Benzo(a)anthracene	21.198	228	264348	4.642	ng/u1	94
87) Chrysene	21.251	228	270588	4.928	ng/u1	98
90) Benzo(b)fluoranthene	22.827	252	355062	5.966	ng/u1	96
91) Benzo(k)fluoranthene	22.868	252	114066m	1.980	ng/u1	
93) Benzo(a)pyrene	23.427	252	229209	4.252	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	25.910	276	170093	2.413	ng/u1	98

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

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ALS Vial : 28 Sample Multiplier: 1

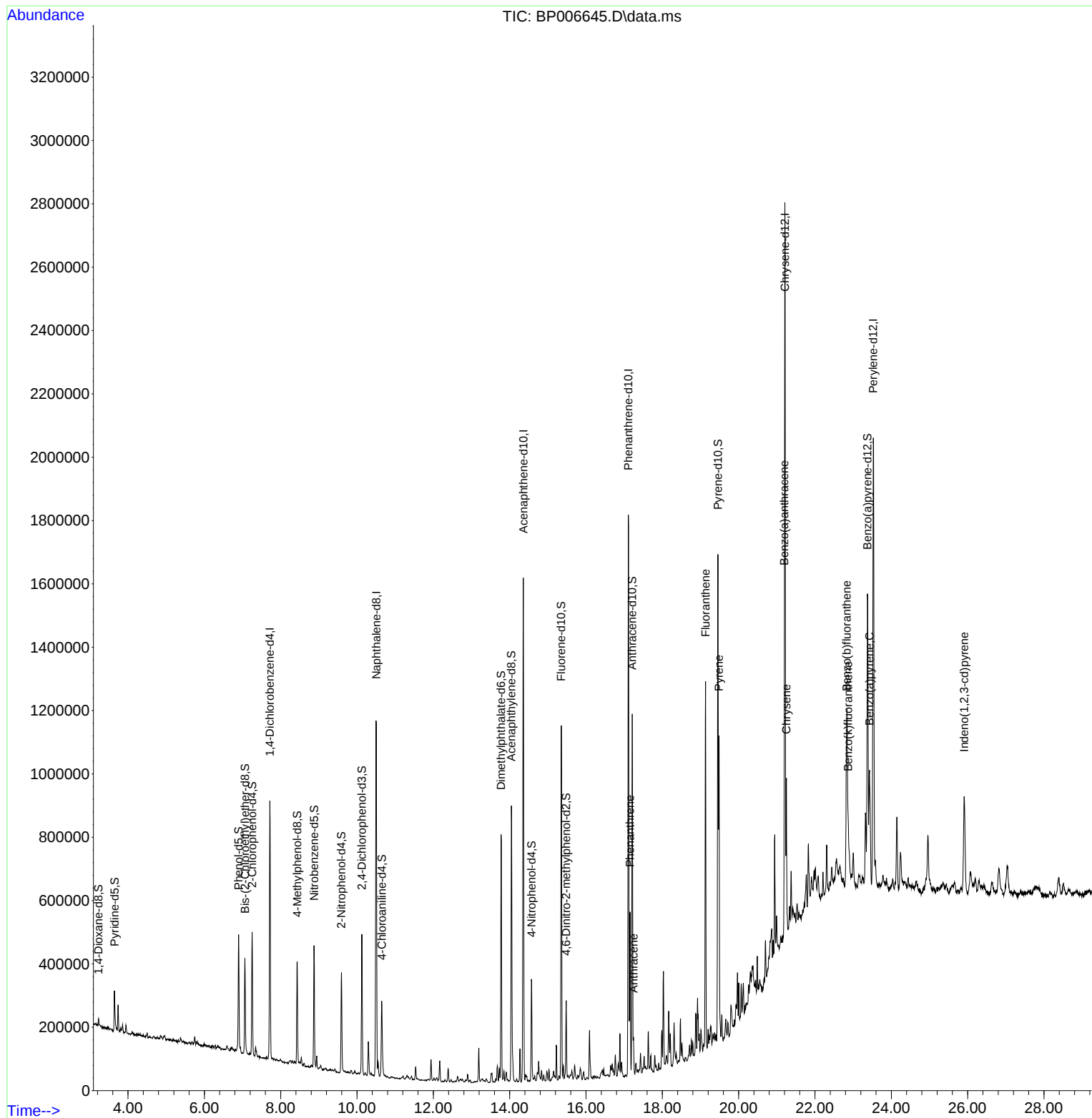
Instrument :
BNA_P
ClientSampleId :
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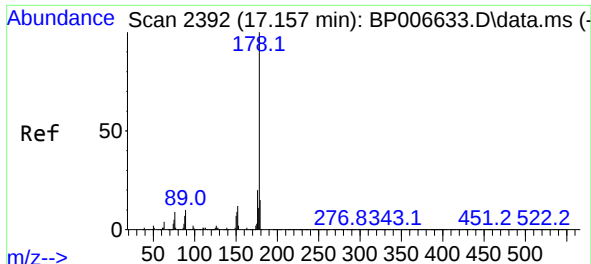
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 11 02:03:57 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.279 ng/ul
RT: 17.157 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BP006645.D
Acq: 11 Aug 2021 04:07

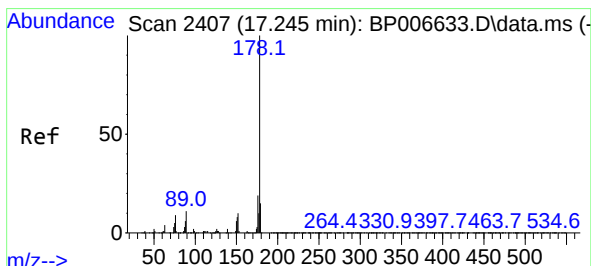
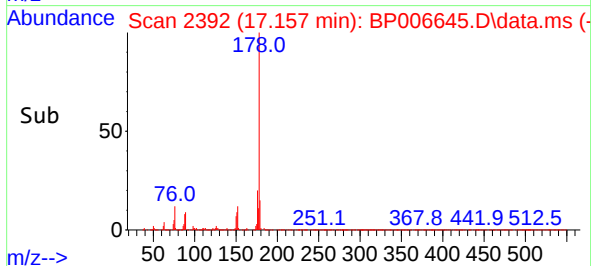
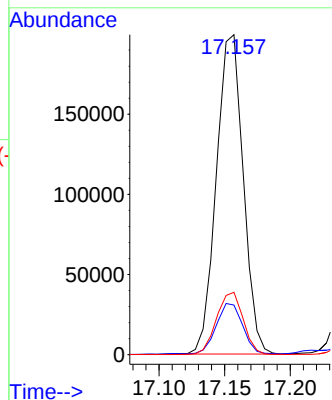
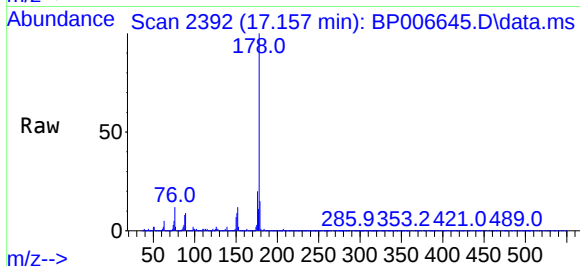
Tgt Ion:178 Resp: 283954
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.5 15.4 23.2

Instrument :
BNA_P
ClientSampled :
C00C2

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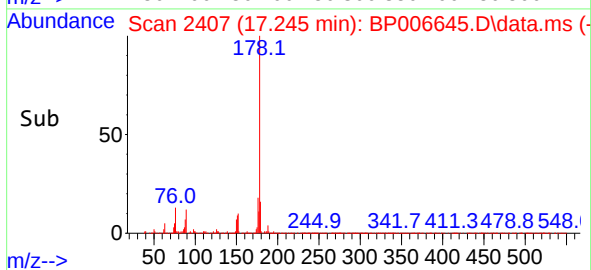
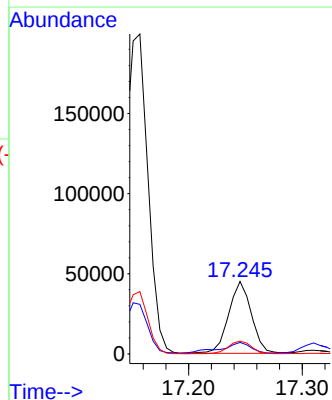
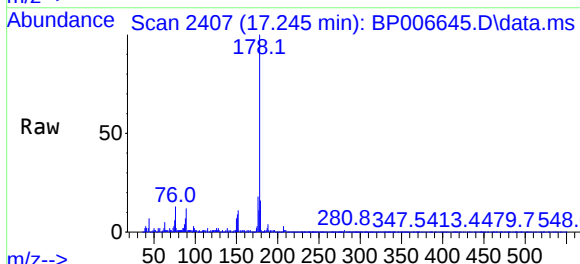
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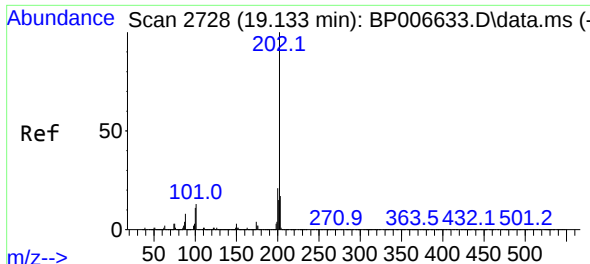
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#74
Anthracene
Concen: 1.144 ng/ul
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP006645.D
Acq: 11 Aug 2021 04:07

Tgt Ion:178 Resp: 62490
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.2
176 17.7 14.6 21.8





#80
Fluoranthene
Concen: 9.858 ng/u1
RT: 19.133 min Scan# 2728
Delta R.T. -0.000 min
Lab File: BP006645.D
Acq: 11 Aug 2021 04:07

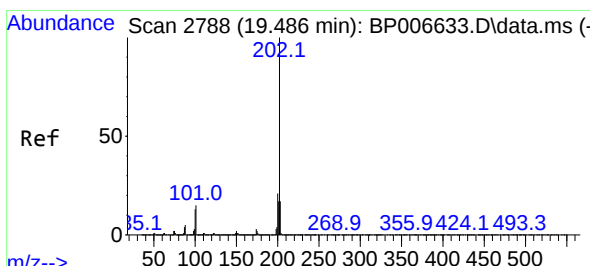
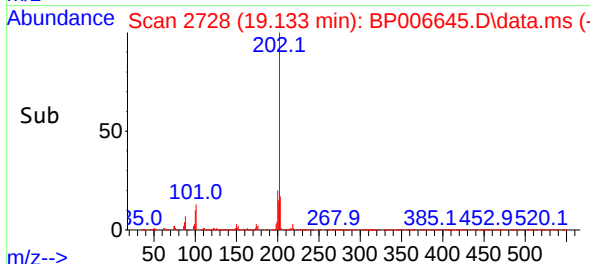
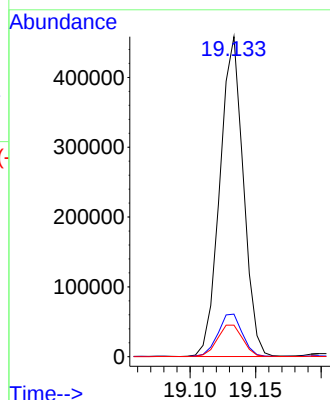
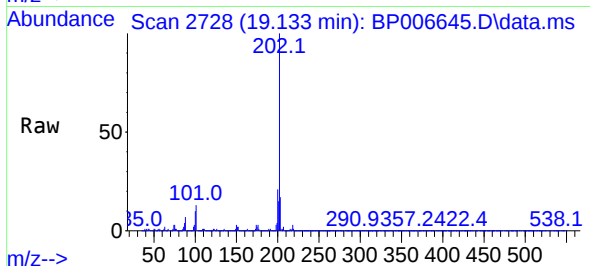
Tgt Ion:202 Resp: 568899
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.6
100 9.9 8.7 13.1

Instrument :
BNA_P
ClientSampled :
C00C2

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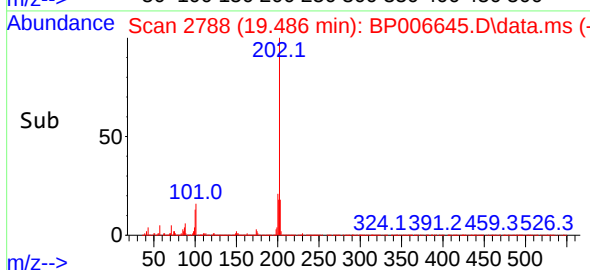
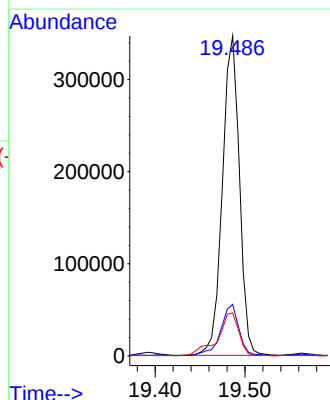
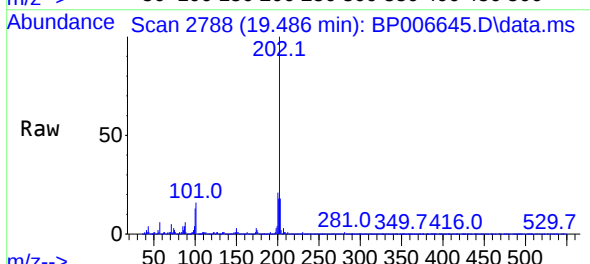
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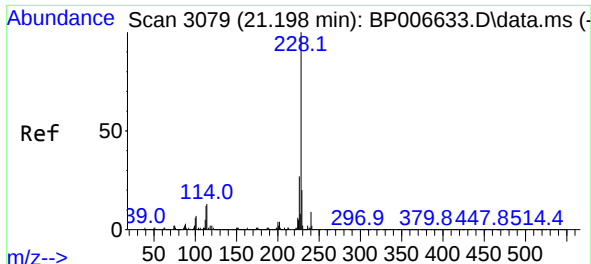
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#82
Pyrene
Concen: 7.667 ng/u1
RT: 19.486 min Scan# 2788
Delta R.T. -0.006 min
Lab File: BP006645.D
Acq: 11 Aug 2021 04:07

Tgt Ion:202 Resp: 456987
Ion Ratio Lower Upper
202 100
101 16.1 12.1 18.1
100 13.4 10.6 16.0





#85
Benzo(a)anthracene
Concen: 4.642 ng/ul
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP006645.D
Acq: 11 Aug 2021 04:07

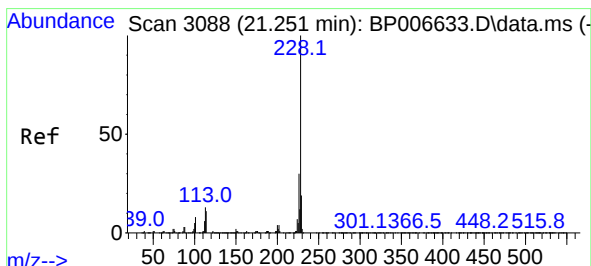
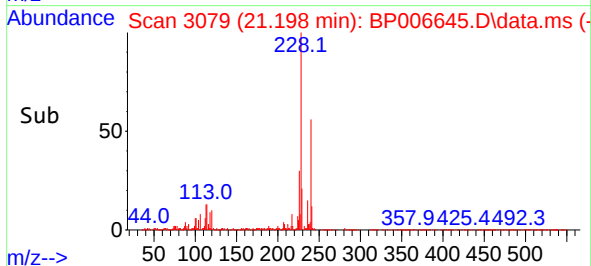
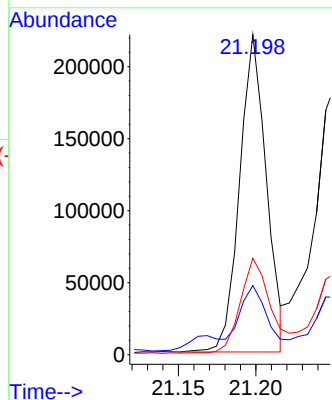
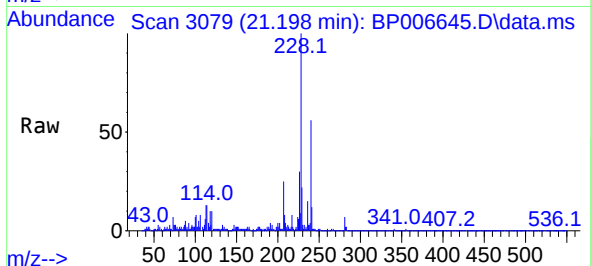
Tgt Ion:228 Resp: 264348
Ion Ratio Lower Upper
228 100
229 21.6 15.3 22.9
226 30.1 21.2 31.8

Instrument :
BNA_P
ClientSampled :
C00C2

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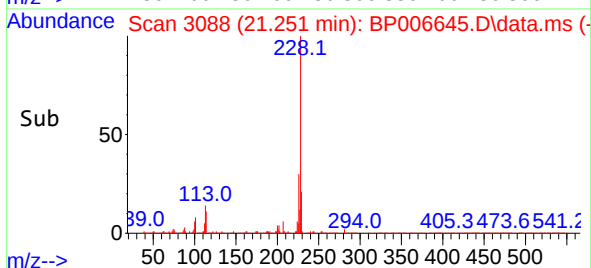
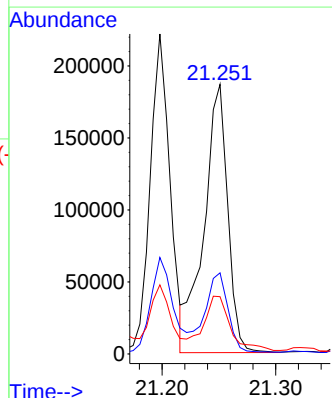
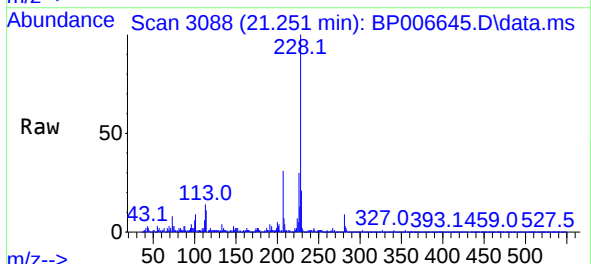
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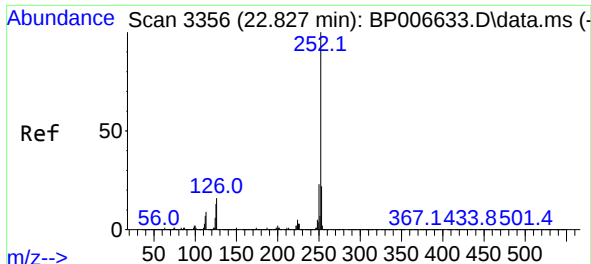
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#87
Chrysene
Concen: 4.928 ng/ul
RT: 21.251 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP006645.D
Acq: 11 Aug 2021 04:07

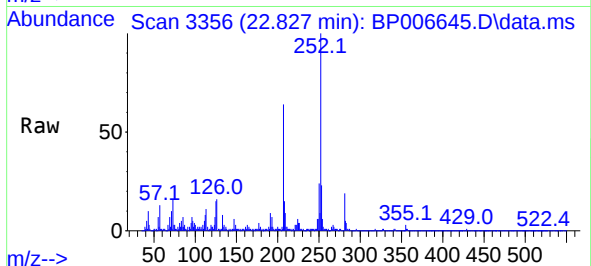
Tgt Ion:228 Resp: 270588
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 21.3 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 5.966 ng/ul
RT: 22.827 min Scan# 3356
Delta R.T. -0.000 min
Lab File: BP006645.D
Acq: 11 Aug 2021 04:07

Instrument :
BNA_P
ClientSampled :
C00C2

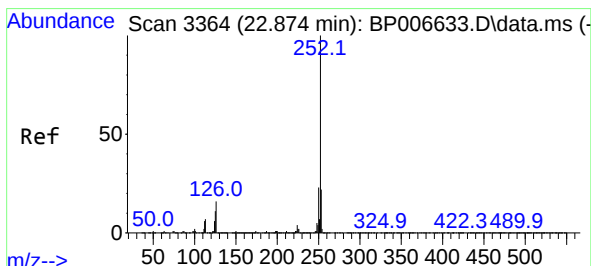
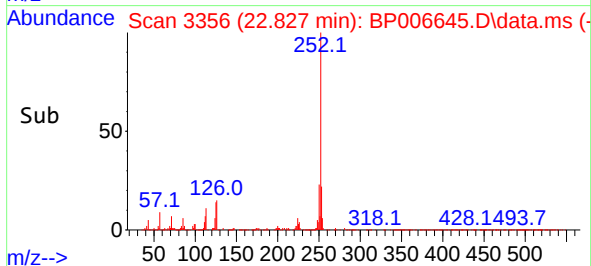
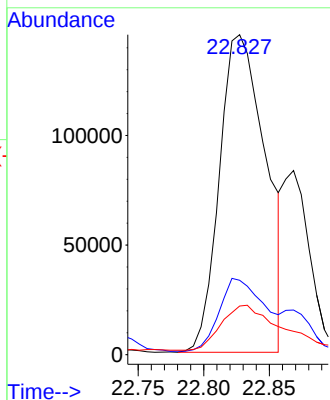


Tgt Ion:252 Resp: 355062
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 15.2 10.3 15.5

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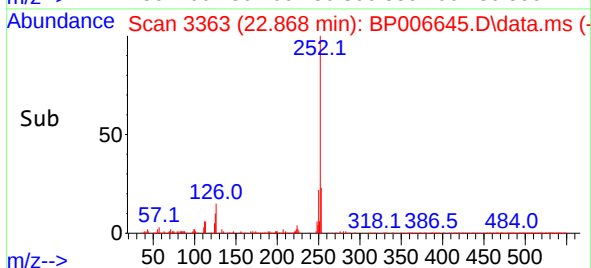
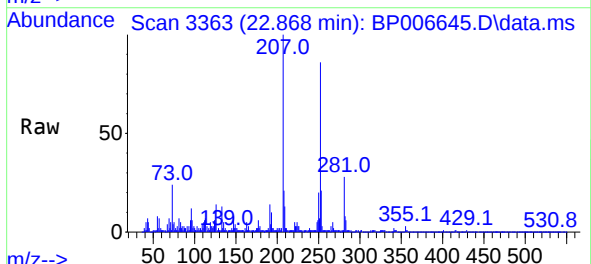
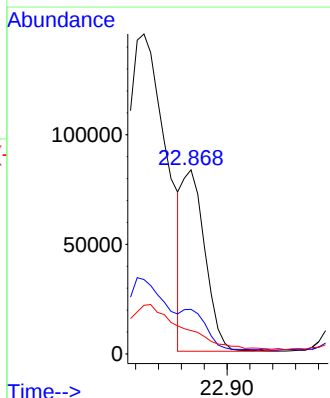
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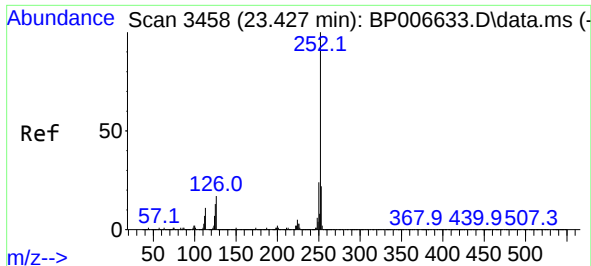
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#91
Benzo(k)fluoranthene
Concen: 1.980 ng/ul m
RT: 22.868 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BP006645.D
Acq: 11 Aug 2021 04:07

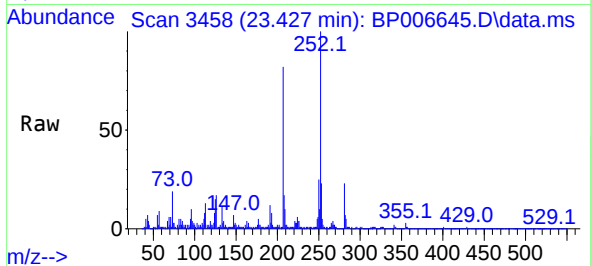
Tgt Ion:252 Resp: 114066
Ion Ratio Lower Upper
252 100
253 24.2 17.3 25.9
125 12.7 10.4 15.6





#93
Benzo(a)pyrene
Concen: 4.252 ng/ul
RT: 23.427 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP006645.D
Acq: 11 Aug 2021 04:07

Instrument :
BNA_P
ClientSampled :
C00C2

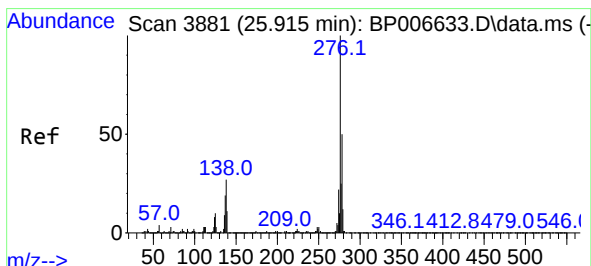
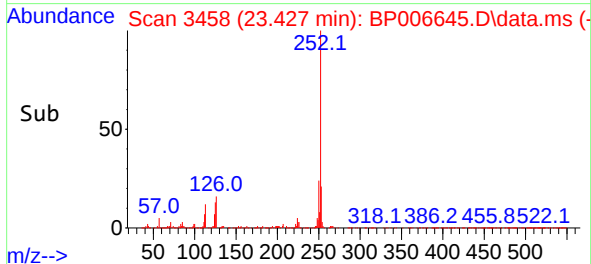
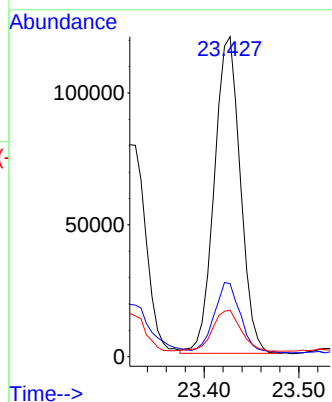


Tgt Ion:252 Resp: 229209
Ion Ratio Lower Upper
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125 14.6 10.6 16.0

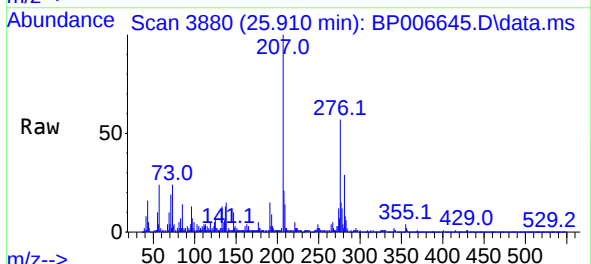
Manual Integrations
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#94
Indeno(1,2,3-cd)pyrene
Concen: 2.413 ng/ul
RT: 25.910 min Scan# 3880
Delta R.T. -0.018 min
Lab File: BP006645.D
Acq: 11 Aug 2021 04:07



Tgt Ion:276 Resp: 170093
Ion Ratio Lower Upper
276 100
138 27.3 23.0 34.4
277 25.9 20.0 30.0

