

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010021.D
 Acq On : 21 Apr 2022 19:00
 Operator : CG/JU
 Sample : N2373-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE7

Quant Time: Apr 22 04:18:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
 Supervised By :mohammad ahmed 04/26/2022

04/22/2022
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 ahmed

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	125019	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	570239	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	410425	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	898278	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.404	240	875024	20.000	ng/u1	# 0.00
88) Perylene-d12	23.857	264	799535	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	10650m	3.715	ng/uL	0.00
4) Pyridine-d5	3.793	84	73054	9.058	ng/u1	0.00
7) Phenol-d5	7.099	99	202379	17.797	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	137364	20.131	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	166935	19.822	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	146749	15.576	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	88594	19.534	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	96086	19.399	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	178644	18.526	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	198827	14.380	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	662424	20.748	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	738349	19.109	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	88573	15.070	ng/u1	0.00
60) Fluorene-d10	15.563	176	578069	21.049	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	84525	14.881	ng/u1	0.00
73) Anthracene-d10	17.422	188	884046	20.343	ng/u1	0.00
81) Pyrene-d10	19.651	212	1144061	22.990	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	928373	22.148	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.363	178	171925	3.521	ng/u1	98
80) Fluoranthene	19.327	202	291608	5.195	ng/u1#	95
82) Pyrene	19.680	202	341232	5.901	ng/u1#	93
85) Benzo(a)anthracene	21.386	228	134173	2.416	ng/u1	95
87) Chrysene	21.439	228	183550	3.357	ng/u1	97
90) Benzo(b)fluoranthene	23.110	252	186981	3.479	ng/u1	97
91) Benzo(k)fluoranthene	23.145	252	65962m	1.296	ng/u1	
93) Benzo(a)pyrene	23.745	252	118677	2.388	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.409	276	73971	1.496	ng/u1#	86
96) Benzo(g,h,i)perylene	27.192	276	70954	1.701	ng/u1#	91

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

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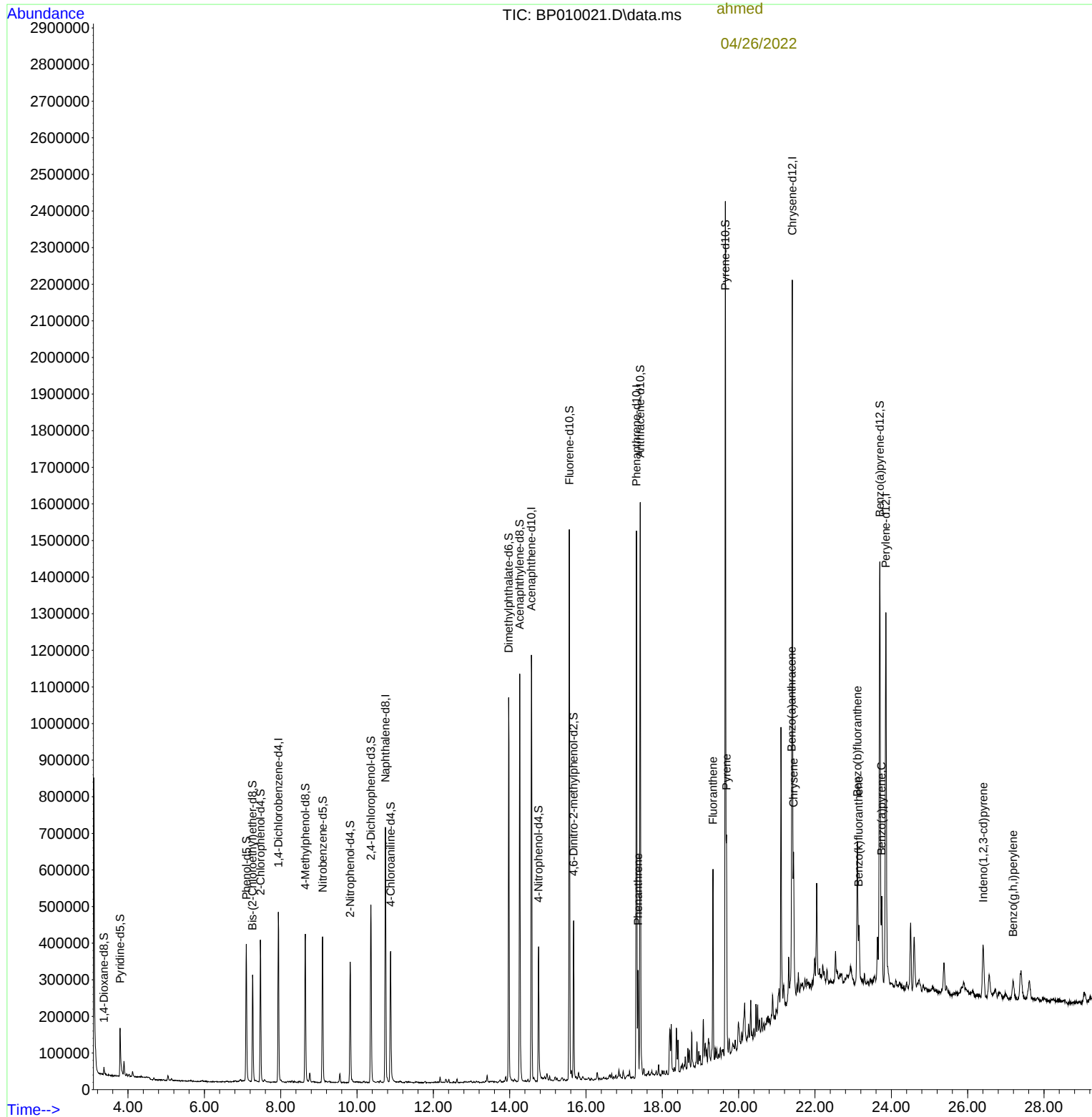
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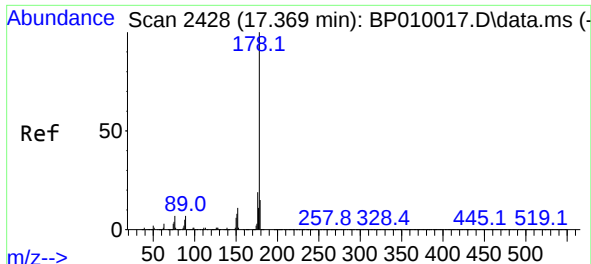
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#72
Phenanthrene
Concen: 3.521 ng/u1
RT: 17.363 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP010021.D
Acq: 21 Apr 2022 19:00

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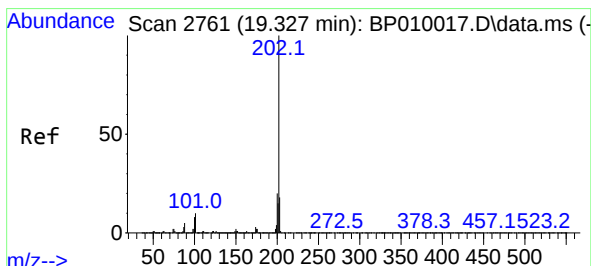
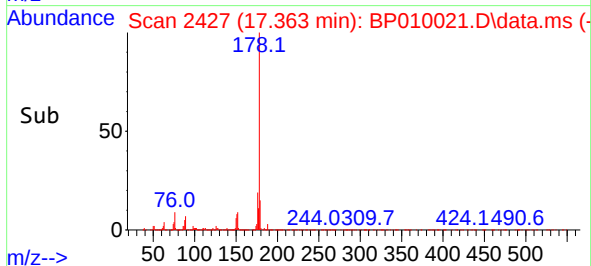
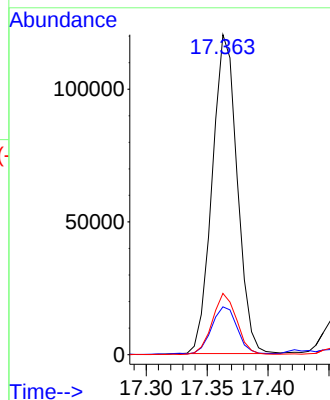
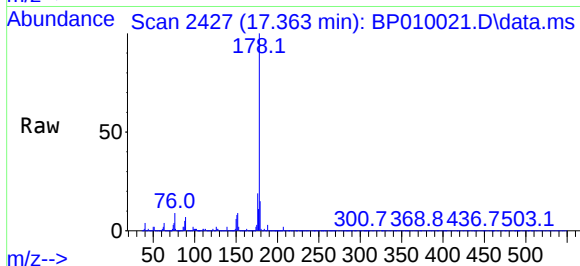
Tgt Ion:178 Resp: 171925
Ion Ratio Lower Upper
178 100
179 15.0 11.7 17.5
176 19.2 14.5 21.7

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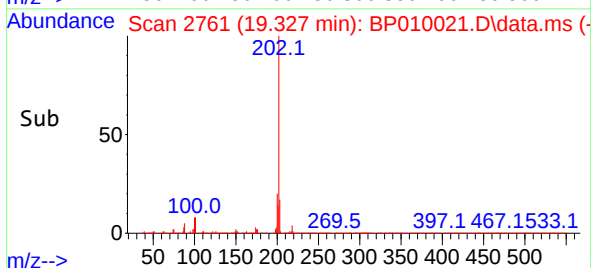
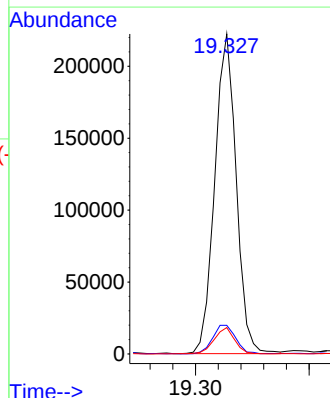
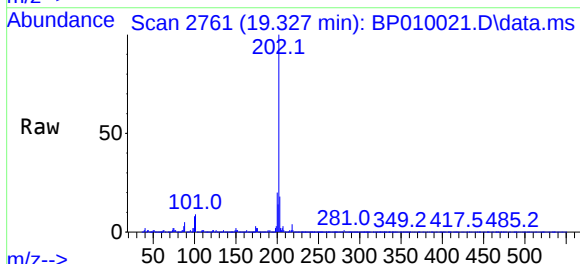
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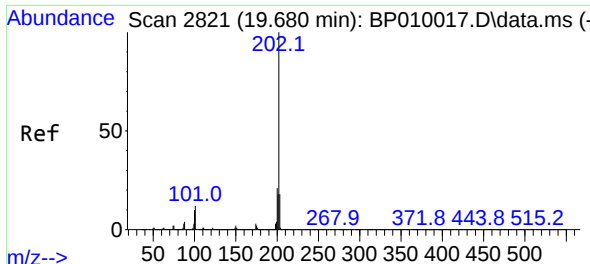
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#80
Fluoranthene
Concen: 5.195 ng/u1
RT: 19.327 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BP010021.D
Acq: 21 Apr 2022 19:00

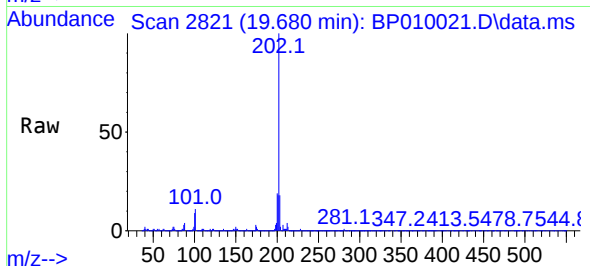
Tgt Ion:202 Resp: 291608
Ion Ratio Lower Upper
202 100
101 8.9 9.6 14.4#
100 8.3 6.3 9.5





#82
Pyrene
Concen: 5.901 ng/u1
RT: 19.680 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP010021.D
Acq: 21 Apr 2022 19:00

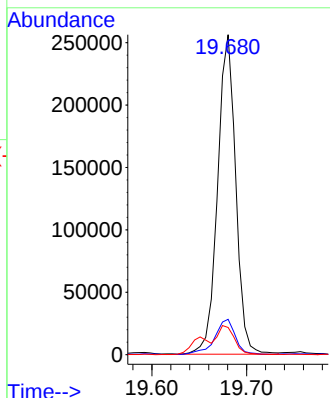
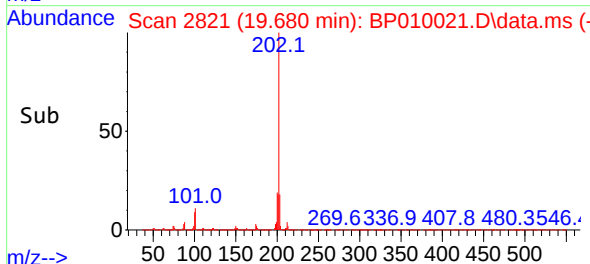
Instrument :
BNA_P
ClientSampleId :
BFFE7



Tgt Ion:202 Resp: 34123
Ion Ratio Lower Upper
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101 11.1 10.6 15.8
100 8.5 9.8 14.6

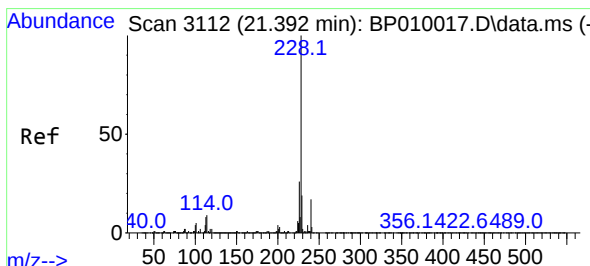
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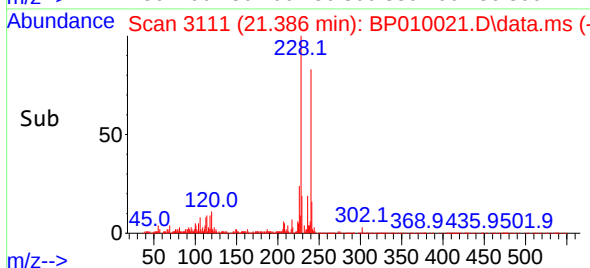
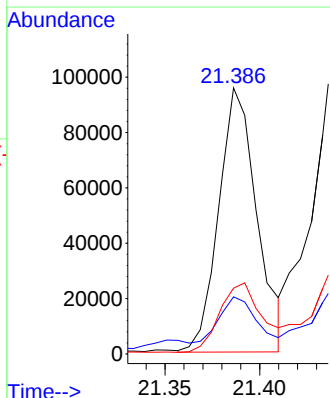
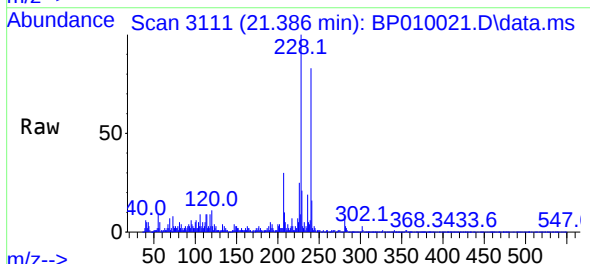
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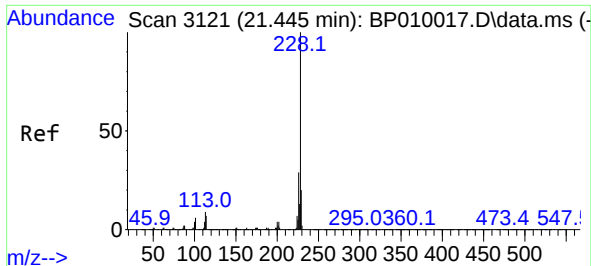
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#85
Benzo(a)anthracene
Concen: 2.416 ng/u1
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP010021.D
Acq: 21 Apr 2022 19:00

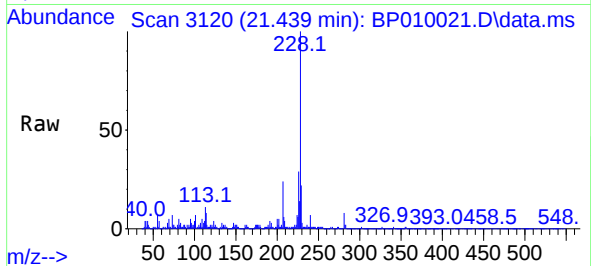
Tgt Ion:228 Resp: 134173
Ion Ratio Lower Upper
228 100
229 21.5 18.2 27.2
226 24.7 22.8 34.2





#87
Chrysene
Concen: 3.357 ng/ul
RT: 21.439 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP010021.D
Acq: 21 Apr 2022 19:00

Instrument :
BNA_P
ClientSampleId :
BFFE7



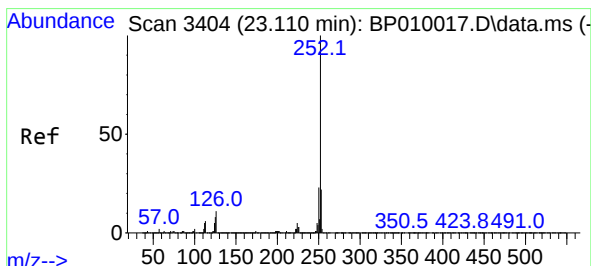
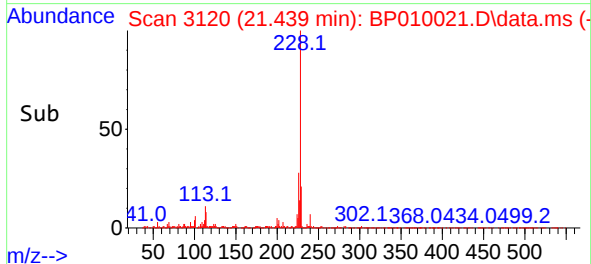
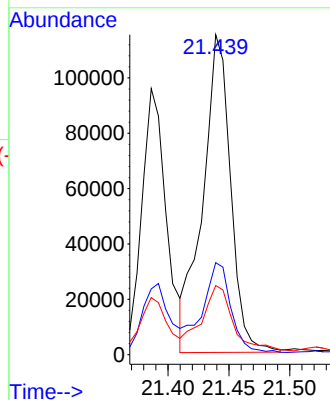
Tgt Ion:228 Resp: 183550
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 21.6 15.2 22.8

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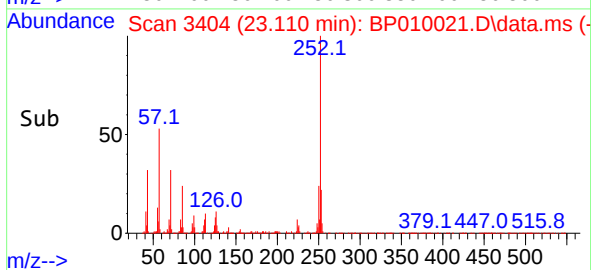
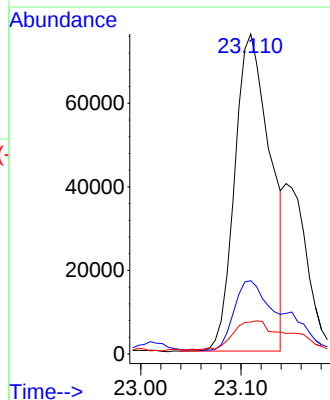
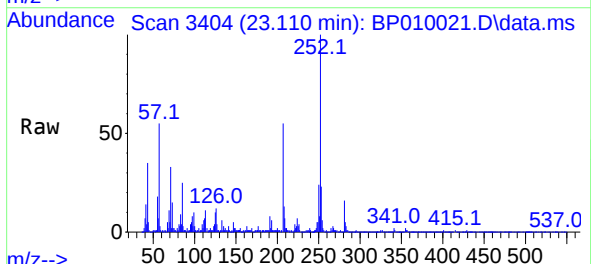
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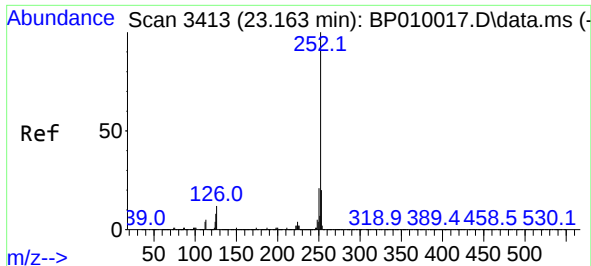
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#90
Benzo(b)fluoranthene
Concen: 3.479 ng/ul
RT: 23.110 min Scan# 3404
Delta R.T. 0.000 min
Lab File: BP010021.D
Acq: 21 Apr 2022 19:00

Tgt Ion:252 Resp: 186981
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 10.0 7.3 10.9





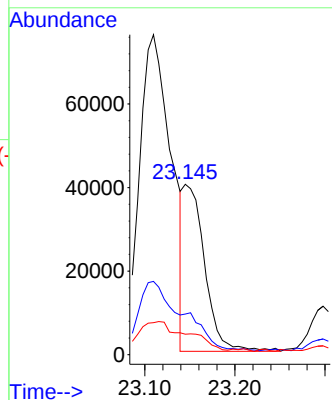
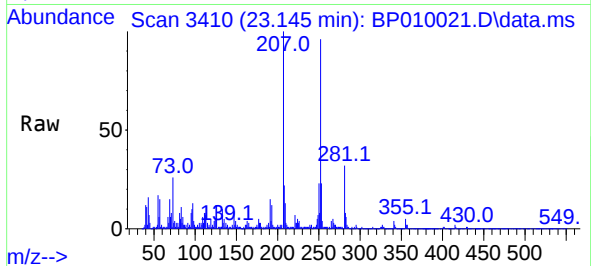
#91
Benzo(k)fluoranthene
Concen: 1.296 ng/ul m
RT: 23.145 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BP010021.D
Acq: 21 Apr 2022 19:00

Instrument :
BNA_P
ClientSampleId :
BFFE7

Tgt Ion:252 Resp: 65962
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 12.0 5.1 7.7

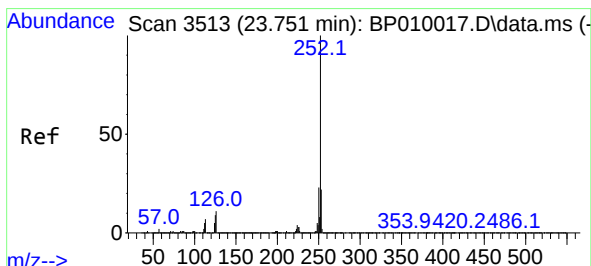
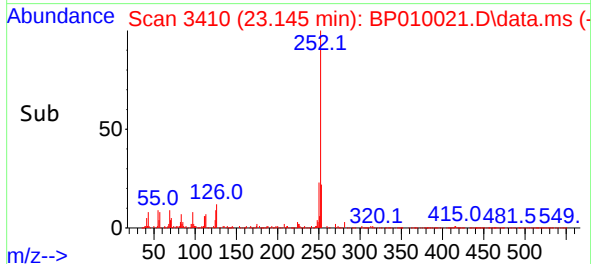
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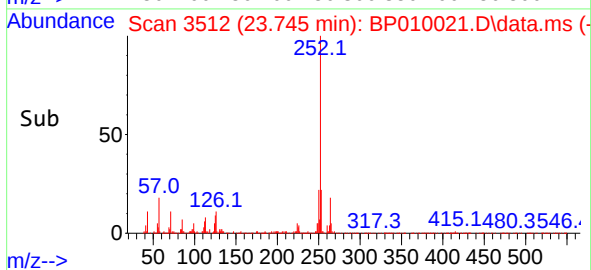
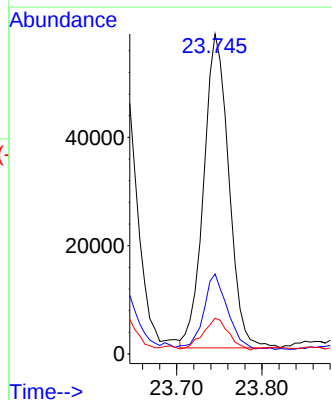
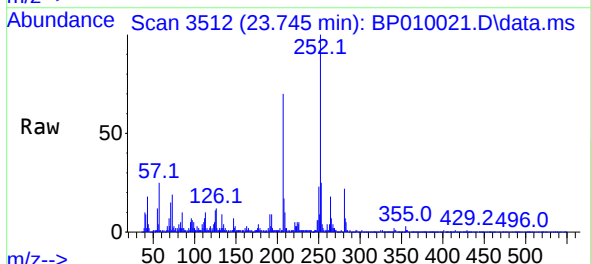
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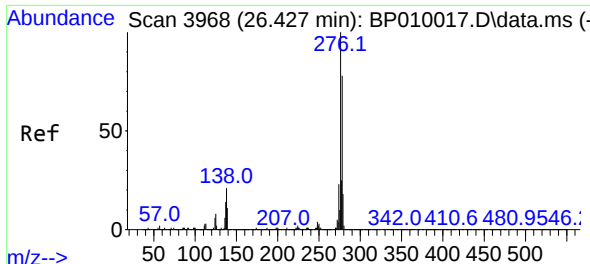
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#93
Benzo(a)pyrene
Concen: 2.388 ng/ul
RT: 23.745 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BP010021.D
Acq: 21 Apr 2022 19:00

Tgt Ion:252 Resp: 118677
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 11.2 6.4 9.6





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.496 ng/ul
RT: 26.409 min Scan# 3965
Delta R.T. -0.018 min
Lab File: BP010021.D
Acq: 21 Apr 2022 19:00

Instrument : BNA_P
ClientSampleId : BFFE7

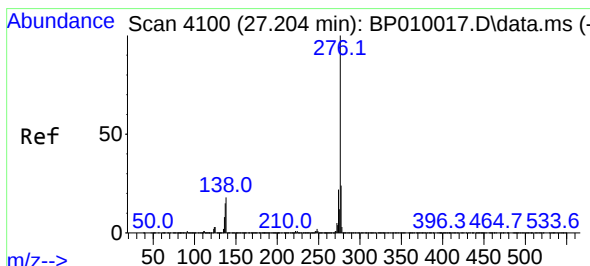
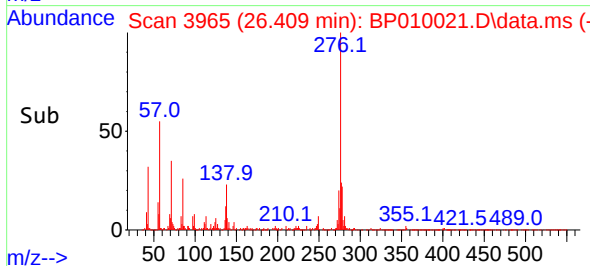
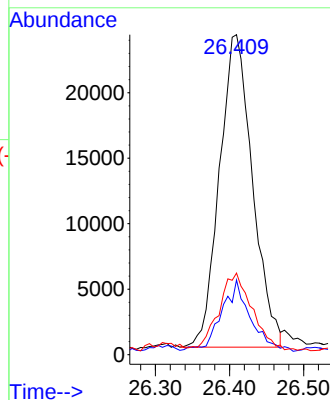
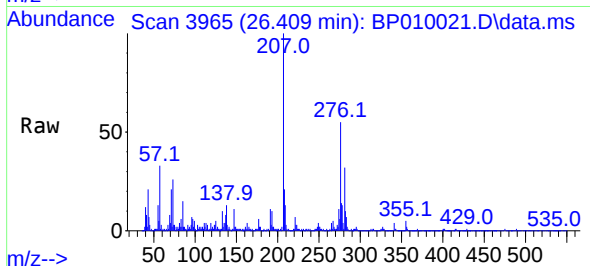
Tgt Ion:	276	Resp:	7397
Ion Ratio	Lower	Upper	
276	100		
138	29.1	12.3	18.5
277	25.5	19.3	28.9

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#96
Benzo(g,h,i)perylene
Concen: 1.701 ng/ul
RT: 27.192 min Scan# 4098
Delta R.T. -0.018 min
Lab File: BP010021.D
Acq: 21 Apr 2022 19:00

Tgt Ion:	276	Resp:	70954
Ion Ratio	Lower	Upper	
276	100		
138	18.5	11.6	17.4
277	24.1	15.9	23.9

