

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012046.D
 Acq On : 11 Oct 2022 18:32
 Operator : CG/JU
 Sample : N4950-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB8R5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
 Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 12 00:23:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 23:54:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	227122	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	929169	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	517220	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	1041485	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	1114366	20.000	ng/u1	0.00
88) Perylene-d12	23.769	264	1205616	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	20168	3.501	ng/uL	0.00
4) Pyridine-d5	3.723	84	66689	4.353	ng/u1	0.02
7) Phenol-d5	7.022	99	316878	17.348	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	200553	19.343	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	265726	18.327	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	115209	8.211	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	118655	18.081	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	116131	17.453	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	212188	16.454	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	200036	10.526	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	654997	19.996	ng/u1	0.00
49) Acenaphthylene-d8	14.199	160	754884	18.636	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	44801	6.967	ng/u1	0.00
60) Fluorene-d10	15.498	176	615621	20.772	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	37756	6.866	ng/u1	0.00
73) Anthracene-d10	17.363	188	882269	19.508	ng/u1	0.00
81) Pyrene-d10	19.598	212	1158819	20.298	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.616	264	1234931	21.071	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.052	94	19943	1.040	ng/u1	92
72) Phenanthrene	17.304	178	110678	1.954	ng/u1	98
80) Fluoranthene	19.275	202	363492	5.196	ng/u1	99
82) Pyrene	19.628	202	330574	4.465	ng/u1	97
85) Benzo(a)anthracene	21.333	228	204920	2.921	ng/u1	99
87) Chrysene	21.386	228	232911	3.450	ng/u1	98
90) Benzo(b)fluoranthene	23.033	252	313612	4.110	ng/u1#	95
91) Benzo(k)fluoranthene	23.075	252	105761m	1.409	ng/u1	
93) Benzo(a)pyrene	23.657	252	199506	2.930	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.280	276	148231	1.722	ng/u1	98
96) Benzo(g,h,i)perylene	27.051	276	130641	1.683	ng/u1	94

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

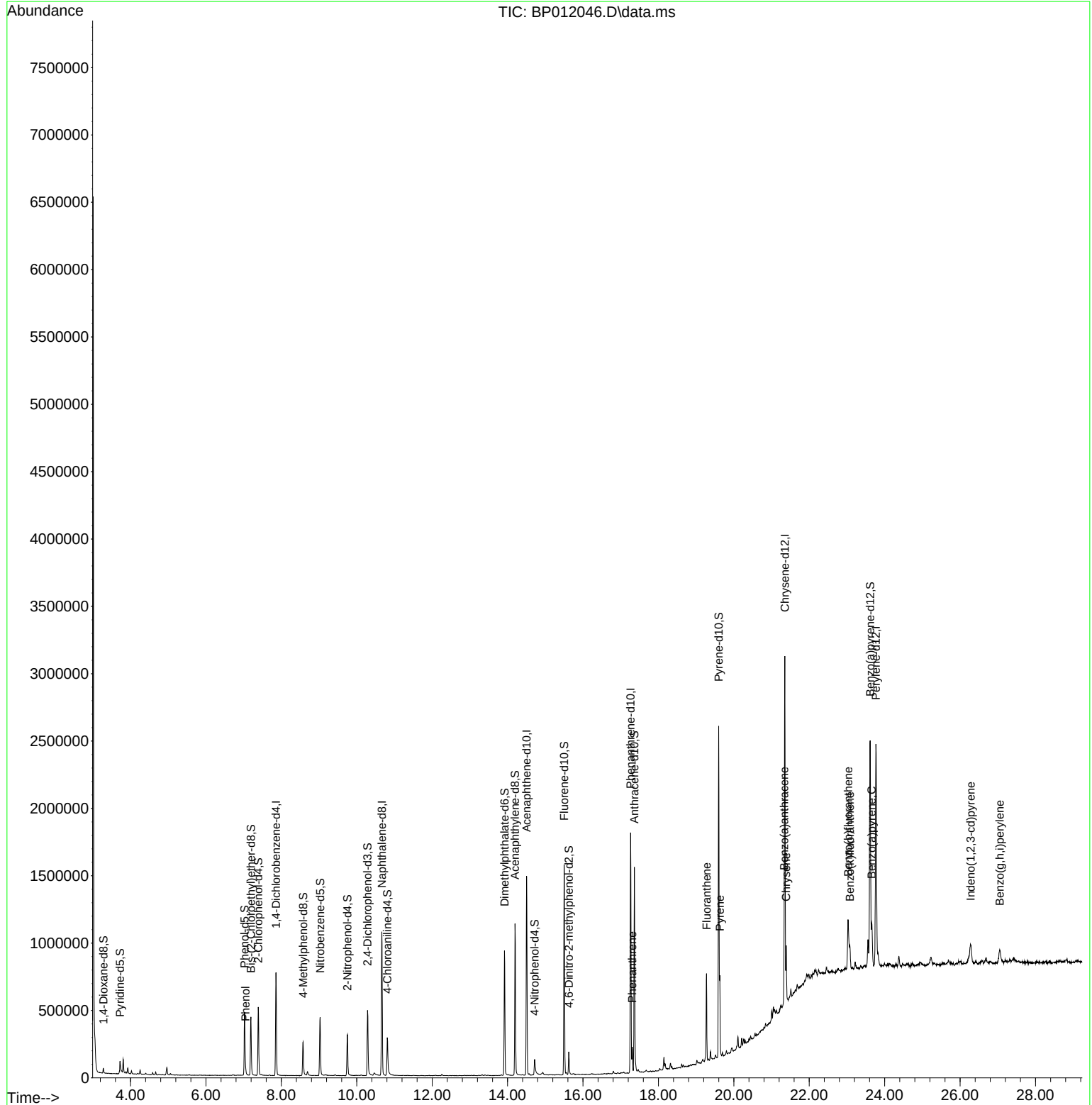
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012046.D
 Acq On : 11 Oct 2022 18:32
 Operator : CG/JU
 Sample : N4950-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

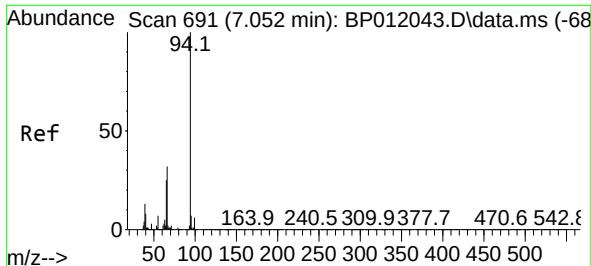
Instrument :
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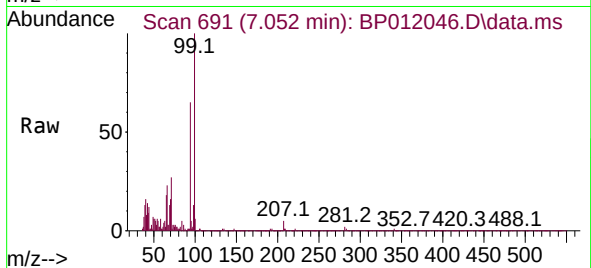
Quant Time: Oct 12 00:23:31 2022
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 23:54:43 2022
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#8
Phenol
Concen: 1.040 ng/ul
RT: 7.052 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32

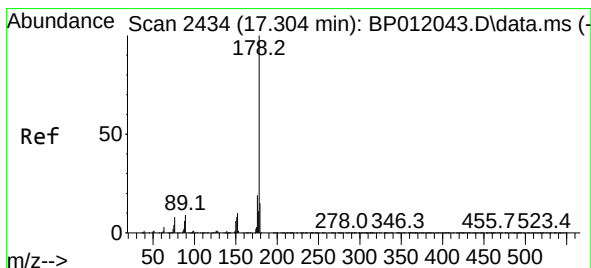
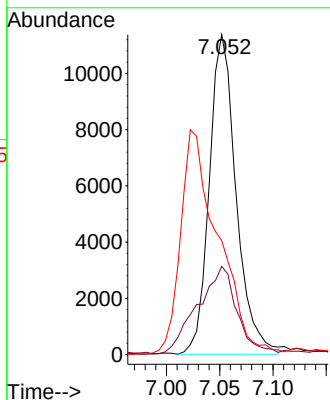
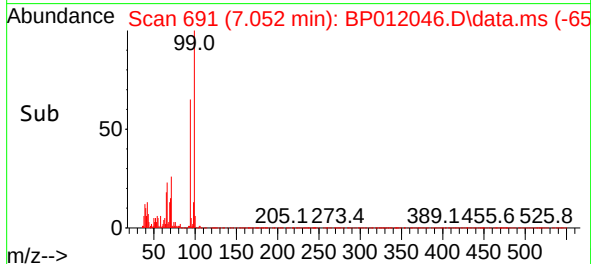
Instrument :
BNA_P
ClientSampleId :
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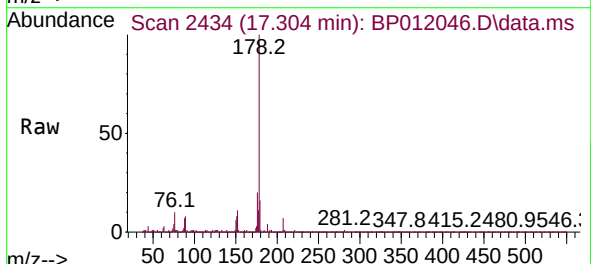
Tgt Ion: 94 Resp: 19943
Ion Ratio Lower Upper
94 100
65 27.6 19.4 29.0
66 35.6 24.6 37.0

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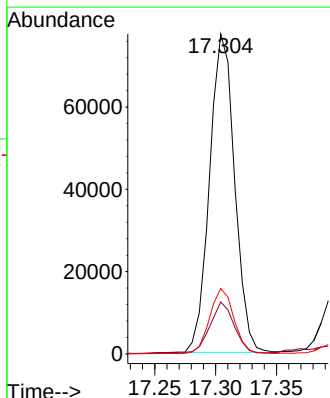
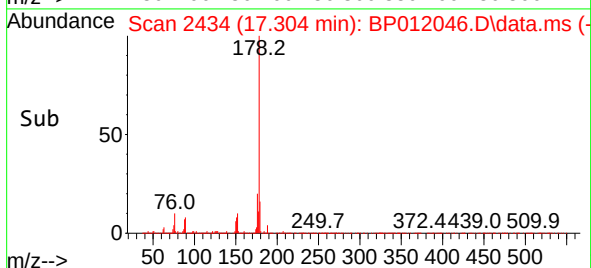
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/14/2022

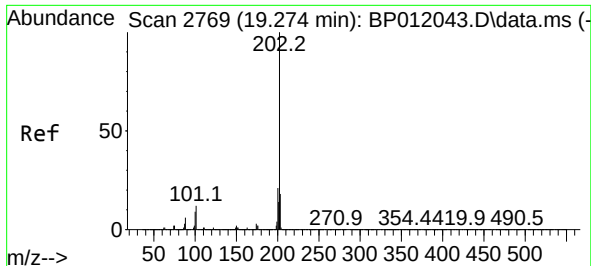


#72
Phenanthrene
Concen: 1.954 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32



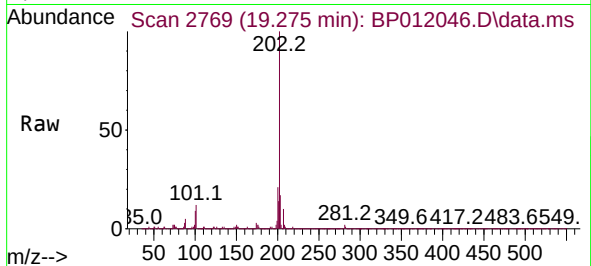
Tgt Ion:178 Resp: 110678
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.4
176 20.4 15.8 23.6





#80
Fluoranthene
Concen: 5.196 ng/ul
RT: 19.275 min Scan# 2769
Delta R.T. 0.000 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32

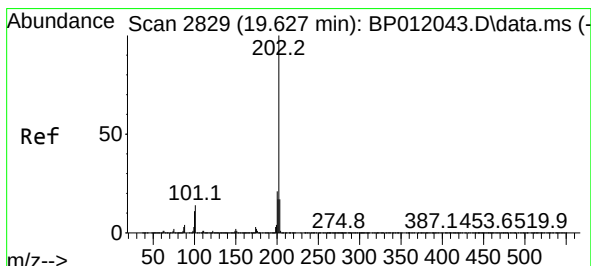
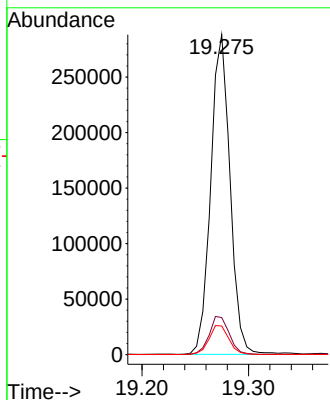
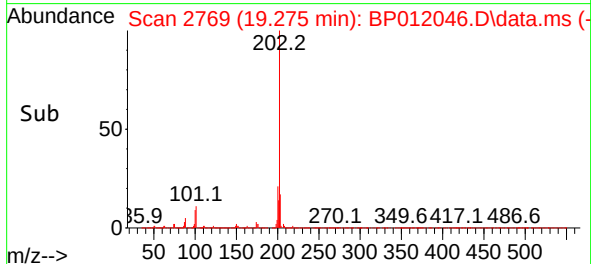
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:202 Resp: 363492
Ion Ratio Lower Upper
202 100
101 11.6 9.0 13.6
100 8.9 7.0 10.6

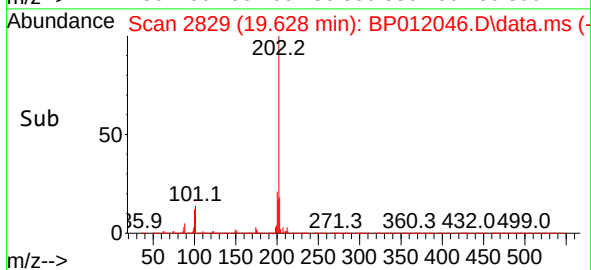
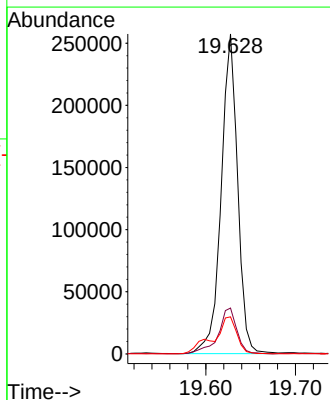
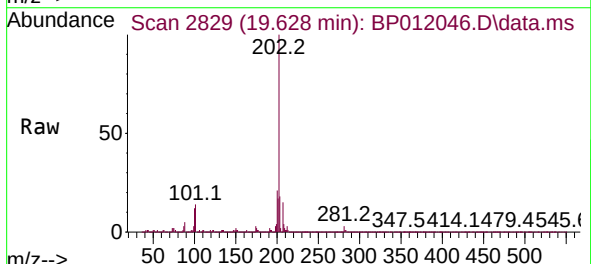
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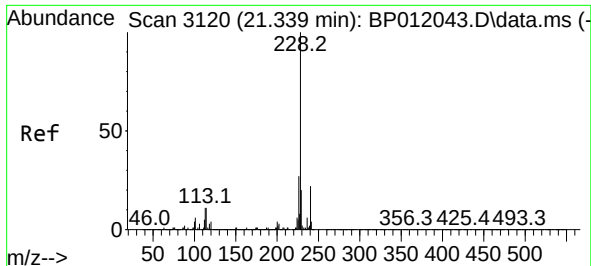
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/14/2022



#82
Pyrene
Concen: 4.465 ng/ul
RT: 19.628 min Scan# 2829
Delta R.T. 0.000 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32

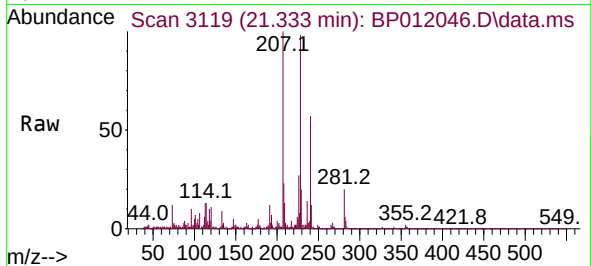
Tgt Ion:202 Resp: 330574
Ion Ratio Lower Upper
202 100
101 14.3 10.4 15.6
100 11.6 8.5 12.7





#85
Benzo(a)anthracene
Concen: 2.921 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32

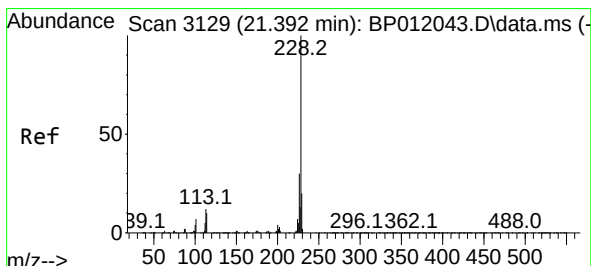
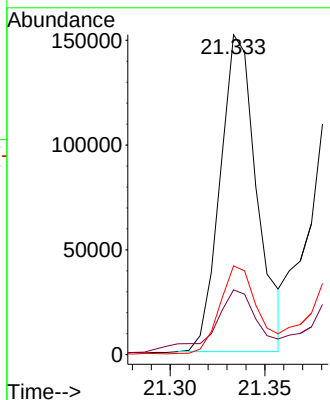
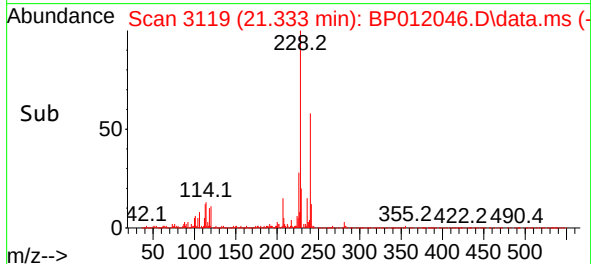
Instrument :
BNA_P
ClientSampleId :
CB8R5



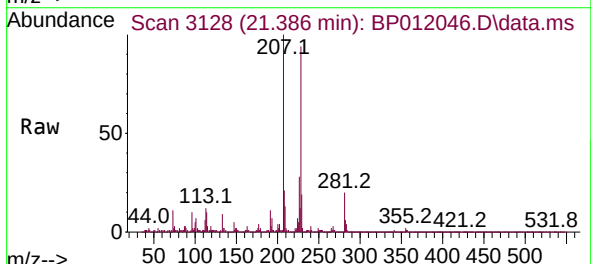
Tgt Ion:228 Resp: 204920
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 27.7 21.9 32.9

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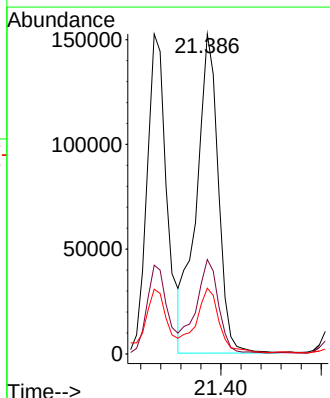
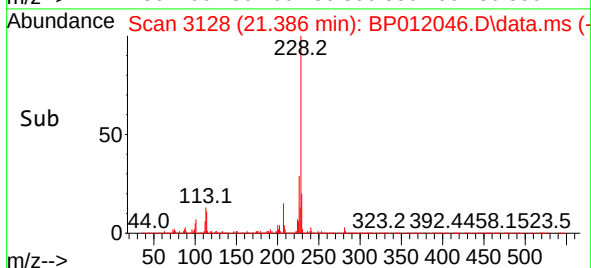
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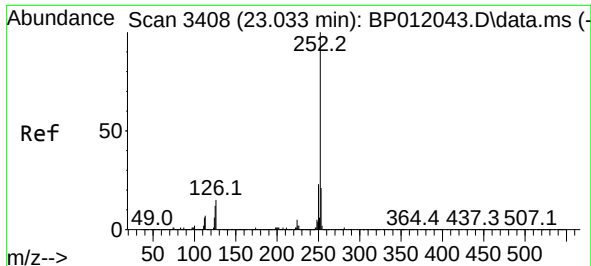


#87
Chrysene
Concen: 3.450 ng/ul
RT: 21.386 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32



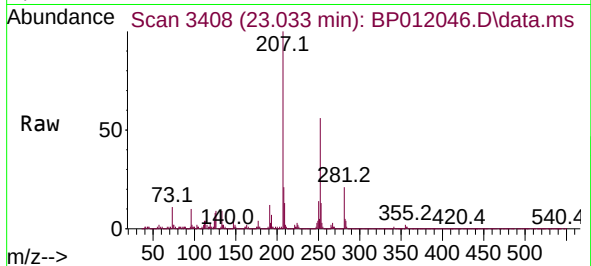
Tgt Ion:228 Resp: 232911
Ion Ratio Lower Upper
228 100
226 29.5 24.0 36.0
229 20.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 4.110 ng/ul
RT: 23.033 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32

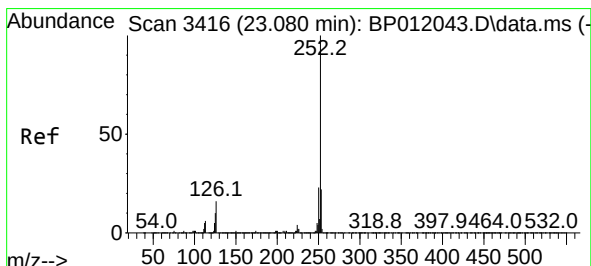
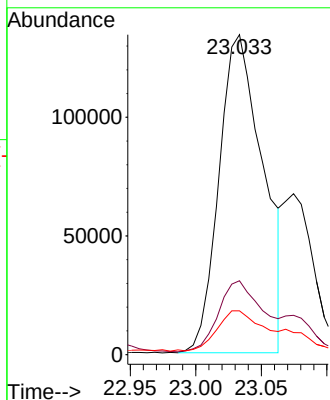
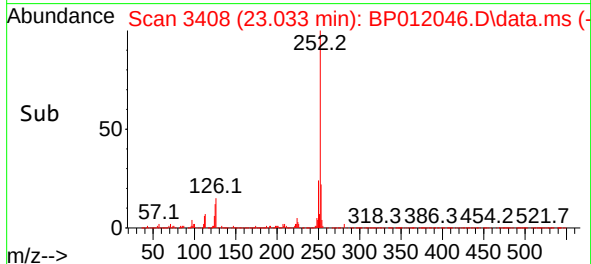
Instrument :
BNA_P
ClientSampleId :
CB8R5



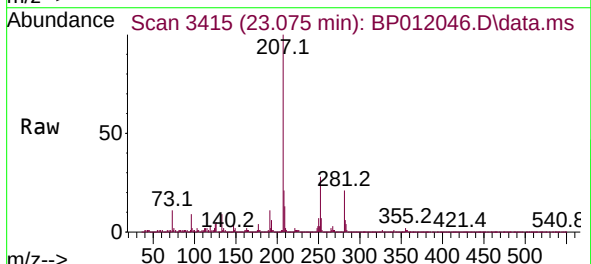
Tgt Ion:252 Resp: 313612
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 13.7 7.8 11.8

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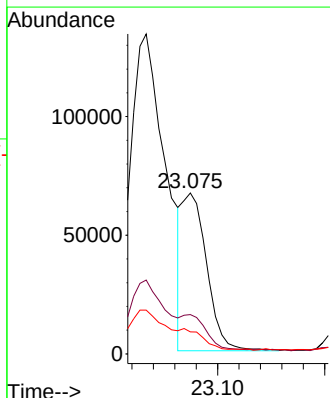
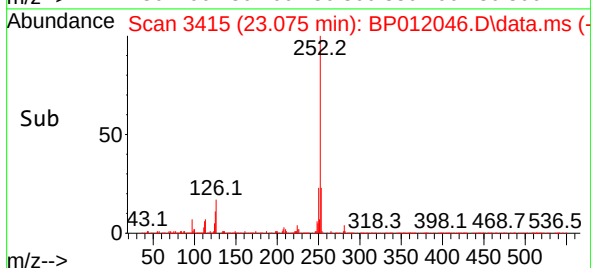
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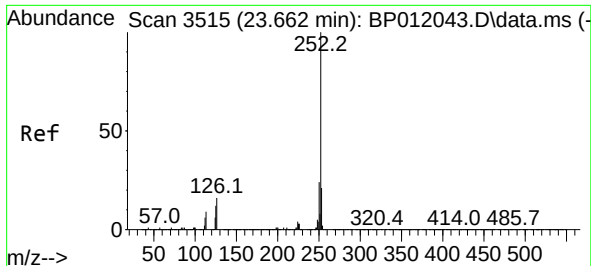


#91
Benzo(k)fluoranthene
Concen: 1.409 ng/ul m
RT: 23.075 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32



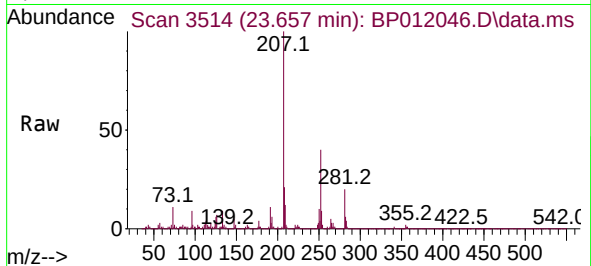
Tgt Ion:252 Resp: 105761
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 13.7 8.2 12.2





#93
Benzo(a)pyrene
Concen: 2.930 ng/ul
RT: 23.657 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32

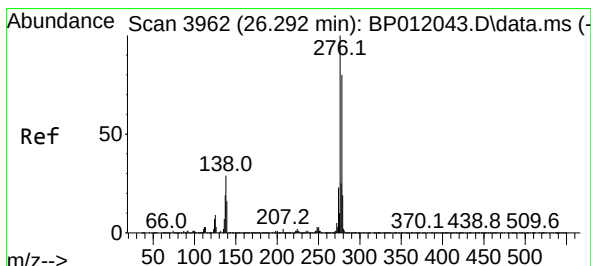
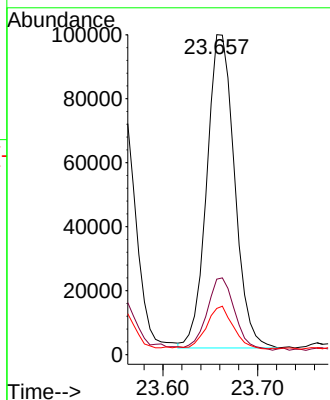
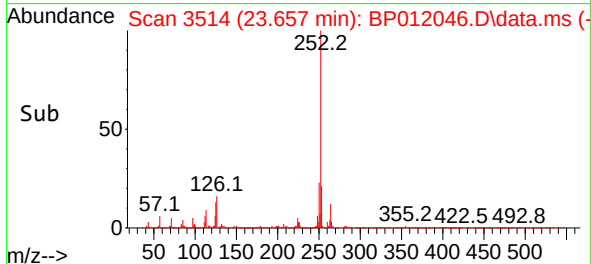
Instrument :
BNA_P
ClientSampleId :
CB8R5



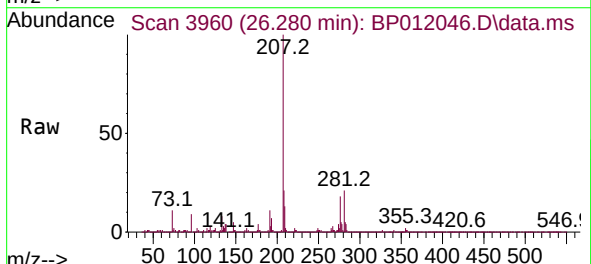
Tgt Ion:252 Resp: 199506
Ion Ratio Lower Upper
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253 23.6 17.6 26.4
125 14.4 8.9 13.3

Manual Integrations
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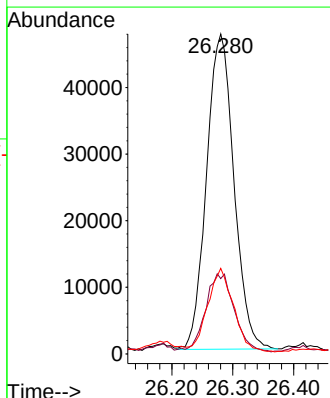
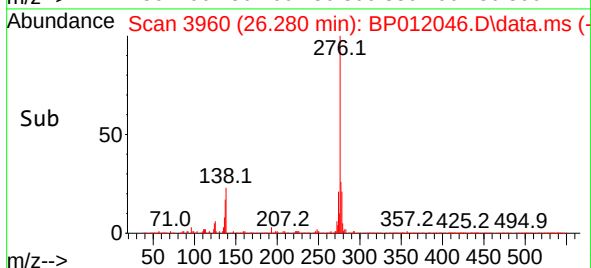
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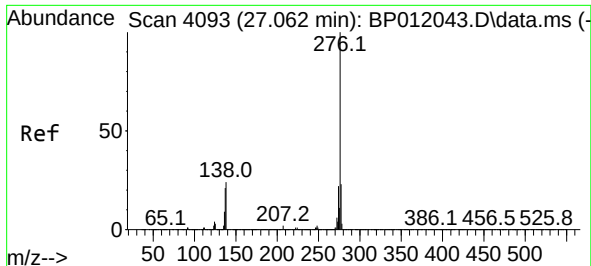


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.722 ng/ul
RT: 26.280 min Scan# 3960
Delta R.T. -0.012 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32



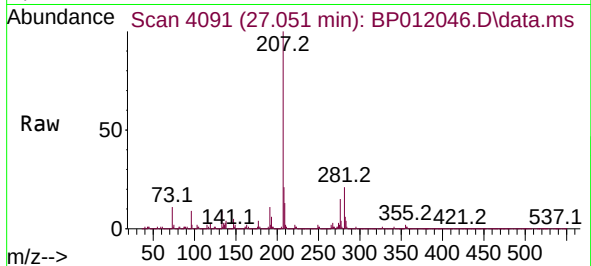
Tgt Ion:276 Resp: 148231
Ion Ratio Lower Upper
276 100
138 23.5 19.1 28.7
277 26.7 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 1.683 ng/ul
 RT: 27.051 min Scan# 4091
 Delta R.T. -0.012 min
 Lab File: BP012046.D
 Acq: 11 Oct 2022 18:32

Instrument :
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 ClientSampleId :
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Tgt Ion: 276 Resp: 13064

Ion	Ratio	Lower	Upper
276	100		
138	24.6	16.5	24.7
277	25.9	19.0	28.4

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