

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
 Data File : BP007467.D
 Acq On : 18 Oct 2021 16:56
 Operator : CG/JU
 Sample : M4181-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0B27

Quant Time: Oct 18 17:22:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 18 11:26:58 2021
 Response via : Initial Calibration

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

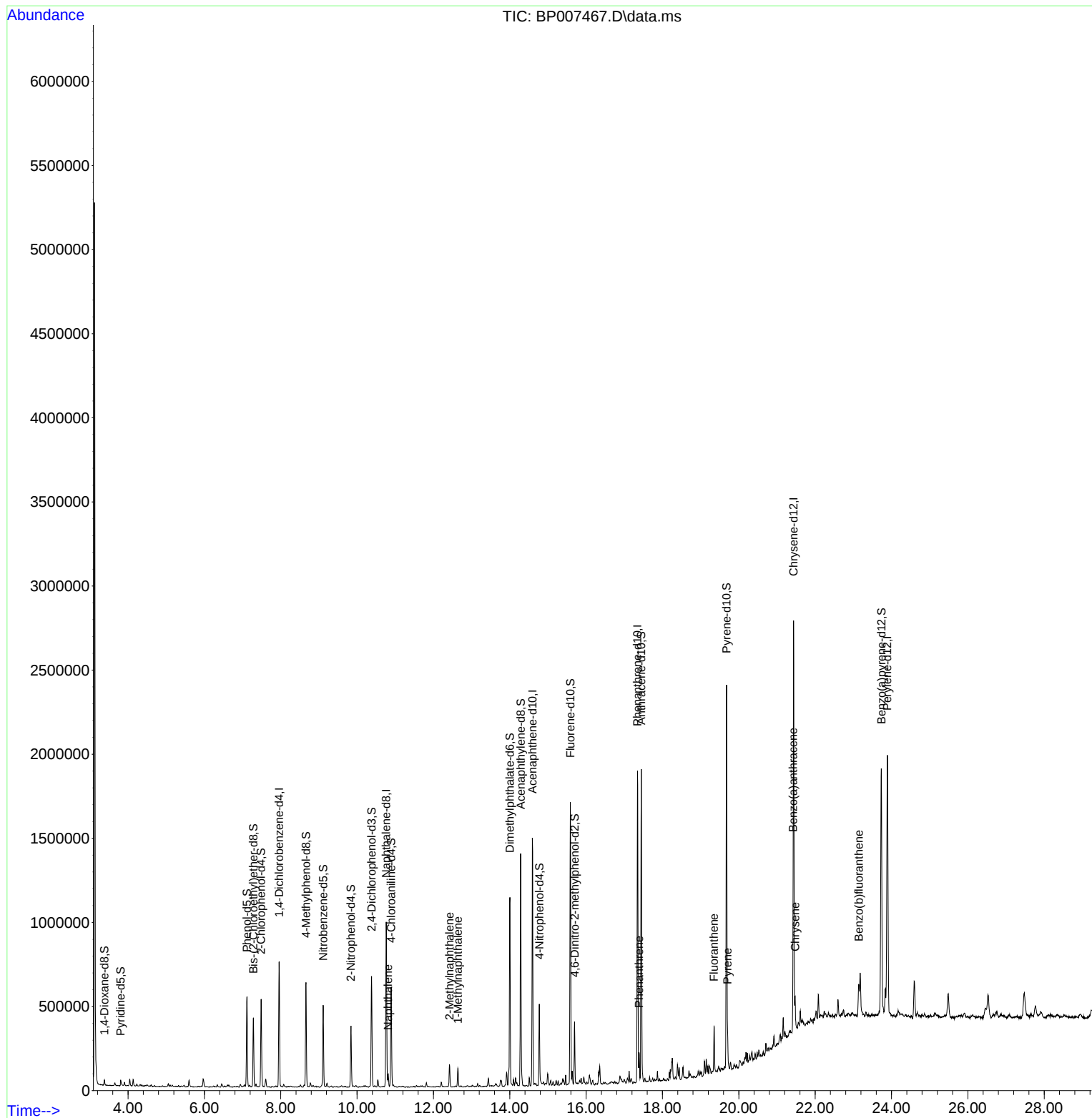
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	199707	20.00	ng/ul	0.00
20) Naphthalene-d8	10.763	136	803061	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.593	164	515178	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1110529	20.00	ng/ul	0.00
79) Chrysene-d12	21.433	240	1175068	20.00	ng/ul	0.00
88) Perylene-d12	23.892	264	1219500	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	16079	3.18	ng/uL	0.00
4) Pyridine-d5	3.805	84	17714	1.28	ng/ul	0.01
7) Phenol-d5	7.117	99	308276	19.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	178869	19.23	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	240265	19.58	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	238468	19.85	ng/ul	0.00
21) Nitrobenzene-d5	9.111	128	117726	23.16	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	117131	24.67	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	242033	20.90	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	316704	20.23	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	768190	21.55	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	919307	20.52	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	114439	20.01	ng/ul	0.00
60) Fluorene-d10	15.587	176	666257	22.34	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	76674	17.23	ng/ul	0.00
73) Anthracene-d10	17.445	188	1043882	22.13	ng/ul	0.00
81) Pyrene-d10	19.675	212	1176001	20.02	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1216609	20.05	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.810	128	61686	1.58	ng/ul	97
36) 2-Methylnaphthalene	12.422	142	62861	2.35	ng/ul	98
37) 1-Methylnaphthalene	12.640	142	51483	1.91	ng/ul	97
72) Phenanthrene	17.387	178	110595	1.99	ng/ul	99
80) Fluoranthene	19.351	202	143984	1.98	ng/ul	99
82) Pyrene	19.704	202	100408	1.37	ng/ul	98
85) Benzo(a)anthracene	21.422	228	97976	1.36	ng/ul#	92
87) Chrysene	21.475	228	133967	1.92	ng/ul	95
90) Benzo(b)fluoranthene	23.145	252	175222	2.36	ng/ul#	97

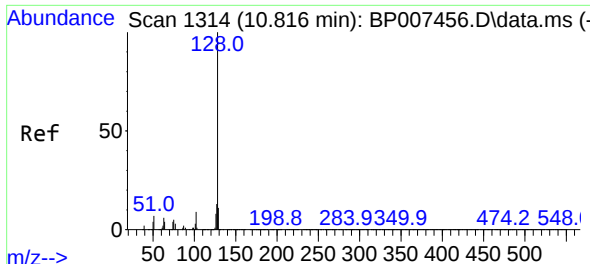
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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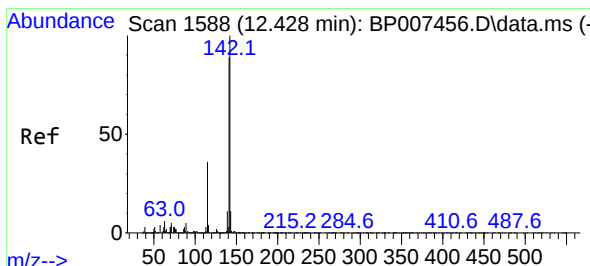
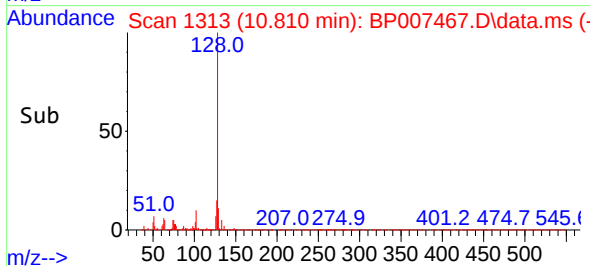
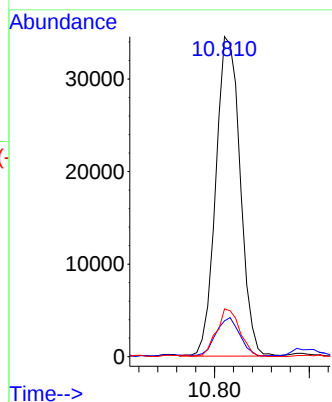
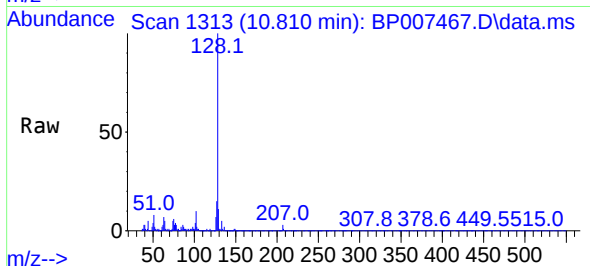




#30
Naphthalene
Concen: 1.58 ng/ul
RT: 10.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BP007467.D
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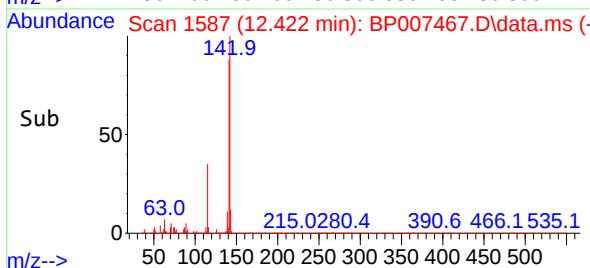
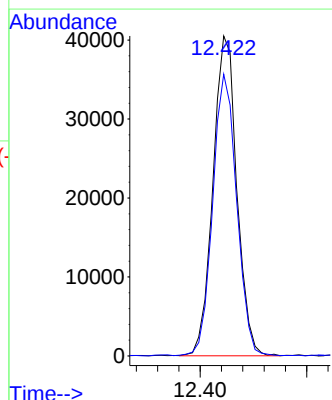
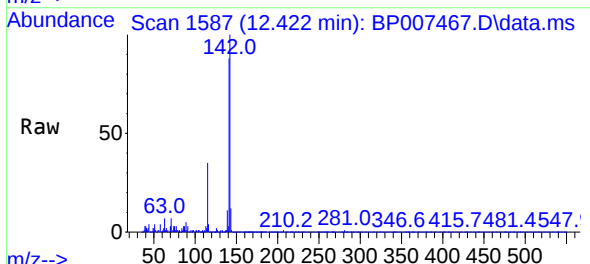
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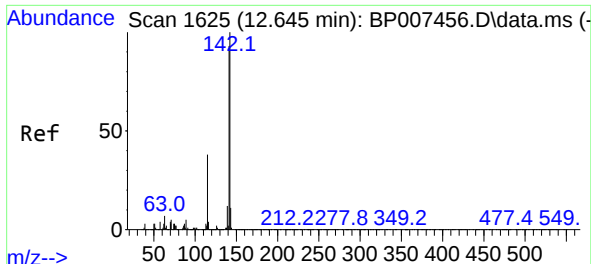
Tgt Ion:128 Resp: 61686
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 15.0 10.5 15.7



#36
2-Methylnaphthalene
Concen: 2.35 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BP007467.D
Acq: 18 Oct 2021 16:56

Tgt Ion:142 Resp: 62861
Ion Ratio Lower Upper
142 100
141 88.1 71.8 107.6

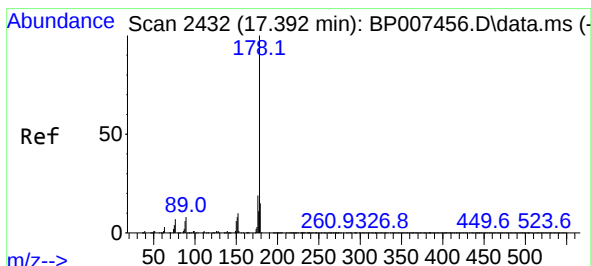
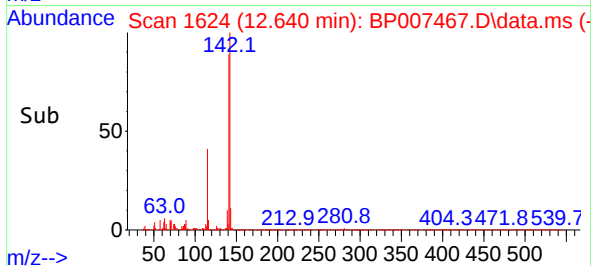
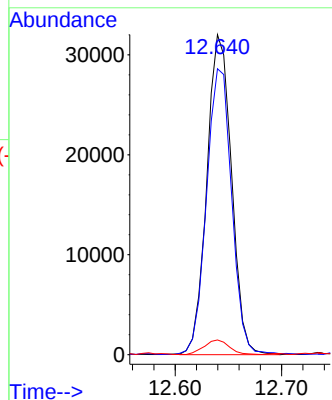
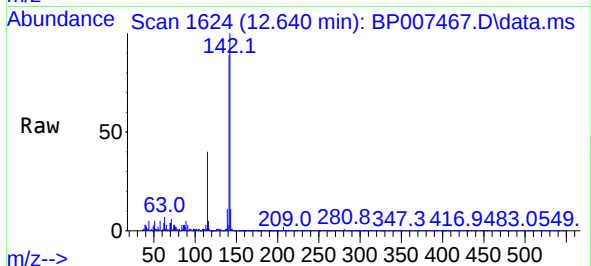




#37
1-Methylnaphthalene
Concen: 1.91 ng/ul
RT: 12.640 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BP007467.D
Acq: 18 Oct 2021 16:56

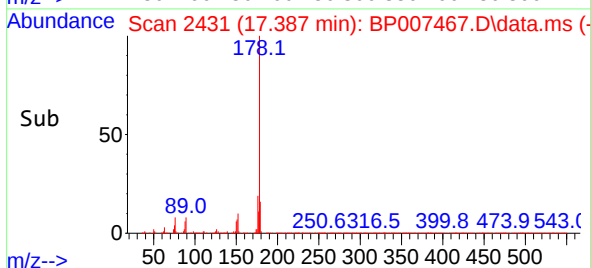
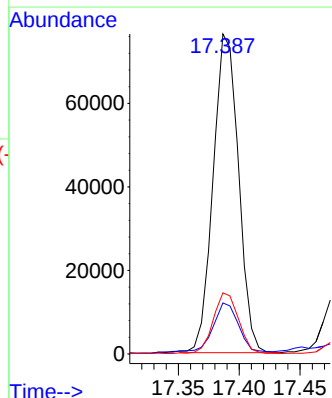
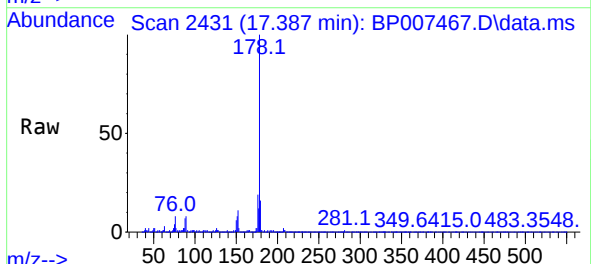
Instrument :
BNA_P
ClientSampleId :
C0B27

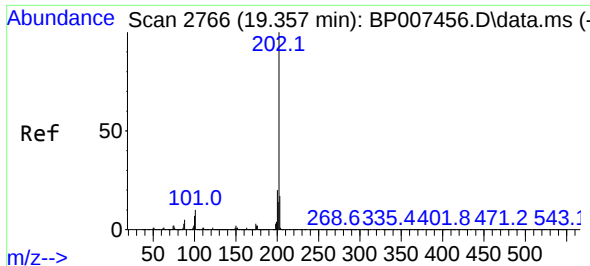
Tgt Ion:142 Resp: 51483
Ion Ratio Lower Upper
142 100
141 89.4 73.5 110.3
116 4.6 3.1 4.7



#72
Phenanthrene
Concen: 1.99 ng/ul
RT: 17.387 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP007467.D
Acq: 18 Oct 2021 16:56

Tgt Ion:178 Resp: 110595
Ion Ratio Lower Upper
178 100
179 15.9 12.1 18.1
176 19.1 15.2 22.8

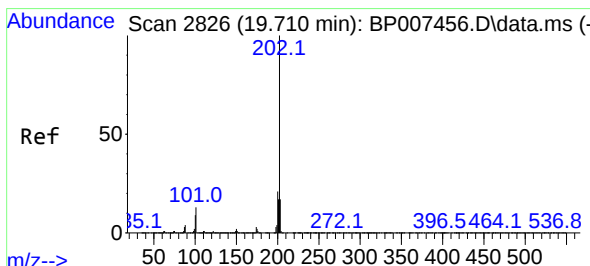
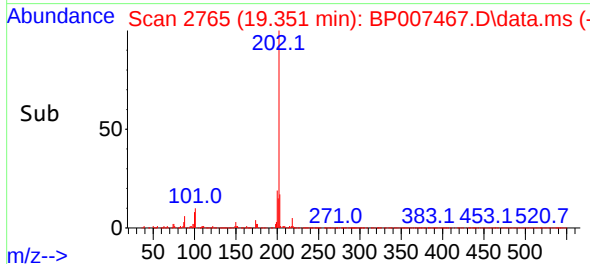
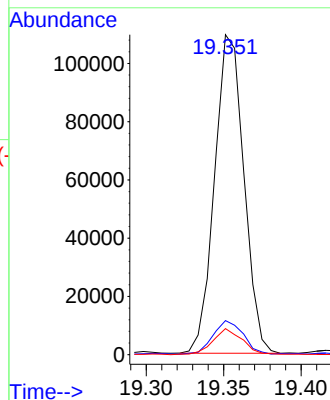
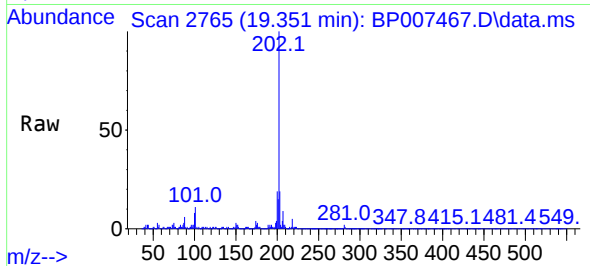




#80
Fluoranthene
Concen: 1.98 ng/ul
RT: 19.351 min Scan# 2765
Delta R.T. -0.006 min
Lab File: BP007467.D
Acq: 18 Oct 2021 16:56

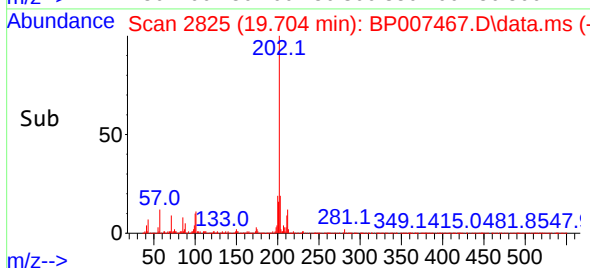
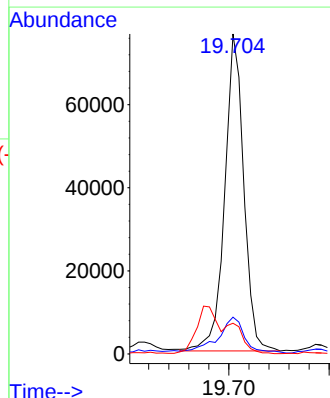
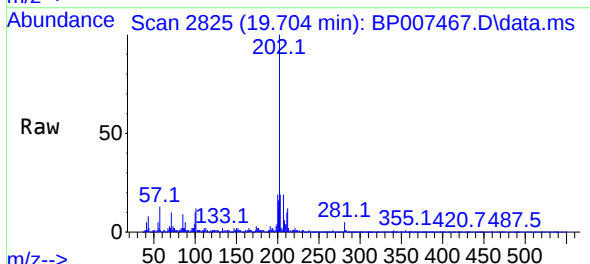
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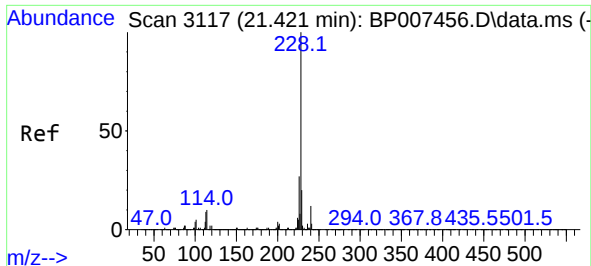
Tgt Ion:202 Resp: 143984
Ion Ratio Lower Upper
202 100
101 10.7 8.4 12.6
100 8.1 6.3 9.5



#82
Pyrene
Concen: 1.37 ng/ul
RT: 19.704 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BP007467.D
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Tgt Ion:202 Resp: 100408
Ion Ratio Lower Upper
202 100
101 11.5 9.9 14.9
100 9.6 7.9 11.9

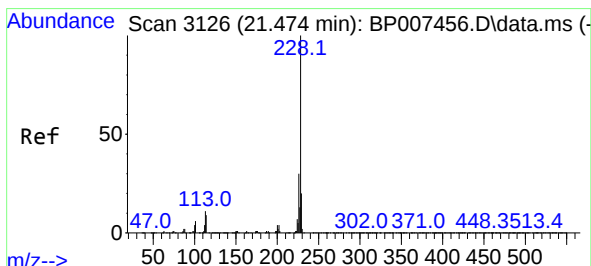
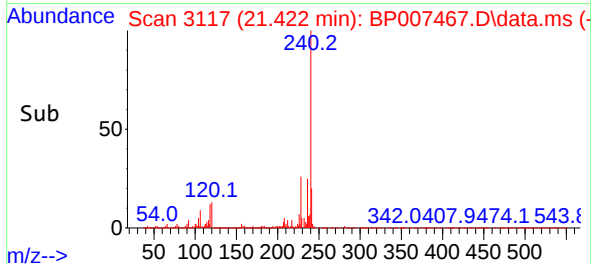
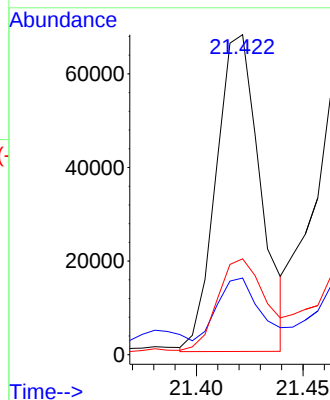
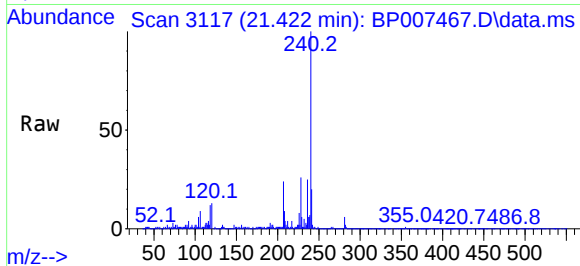




#85
Benzo(a)anthracene
Concen: 1.36 ng/ul
RT: 21.422 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP007467.D
Acq: 18 Oct 2021 16:56

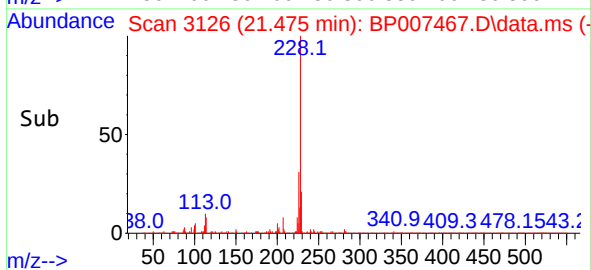
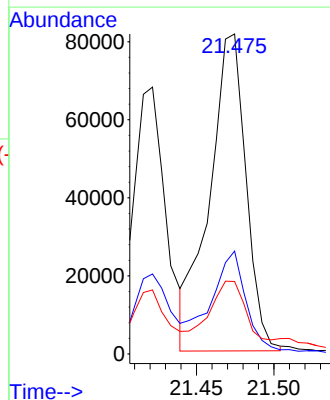
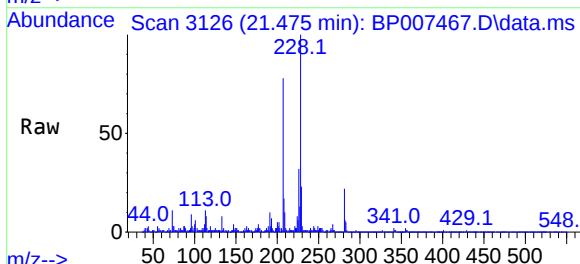
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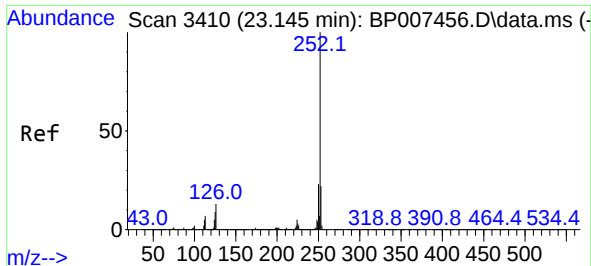
Tgt Ion:228 Resp: 97976
Ion Ratio Lower Upper
228 100
229 24.0 15.7 23.5#
226 30.0 21.4 32.0



#87
Chrysene
Concen: 1.92 ng/ul
RT: 21.475 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP007467.D
Acq: 18 Oct 2021 16:56

Tgt Ion:228 Resp: 133967
Ion Ratio Lower Upper
228 100
226 32.1 23.7 35.5
229 22.6 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 2.36 ng/ul
RT: 23.145 min Scan# 3410
Delta R.T. 0.000 min
Lab File: BP007467.D
Acq: 18 Oct 2021 16:56

Instrument :
BNA_P
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Tgt Ion:252 Resp: 175222
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 12.0 7.8 11.6#

