

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072921\
 Data File : BP006416.D
 Acq On : 29 Jul 2021 12:29
 Operator : CG/JU
 Sample : M3123-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0081

Quant Time: Jul 29 13:00:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 29 11:29:11 2021
 Response via : Initial Calibration

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

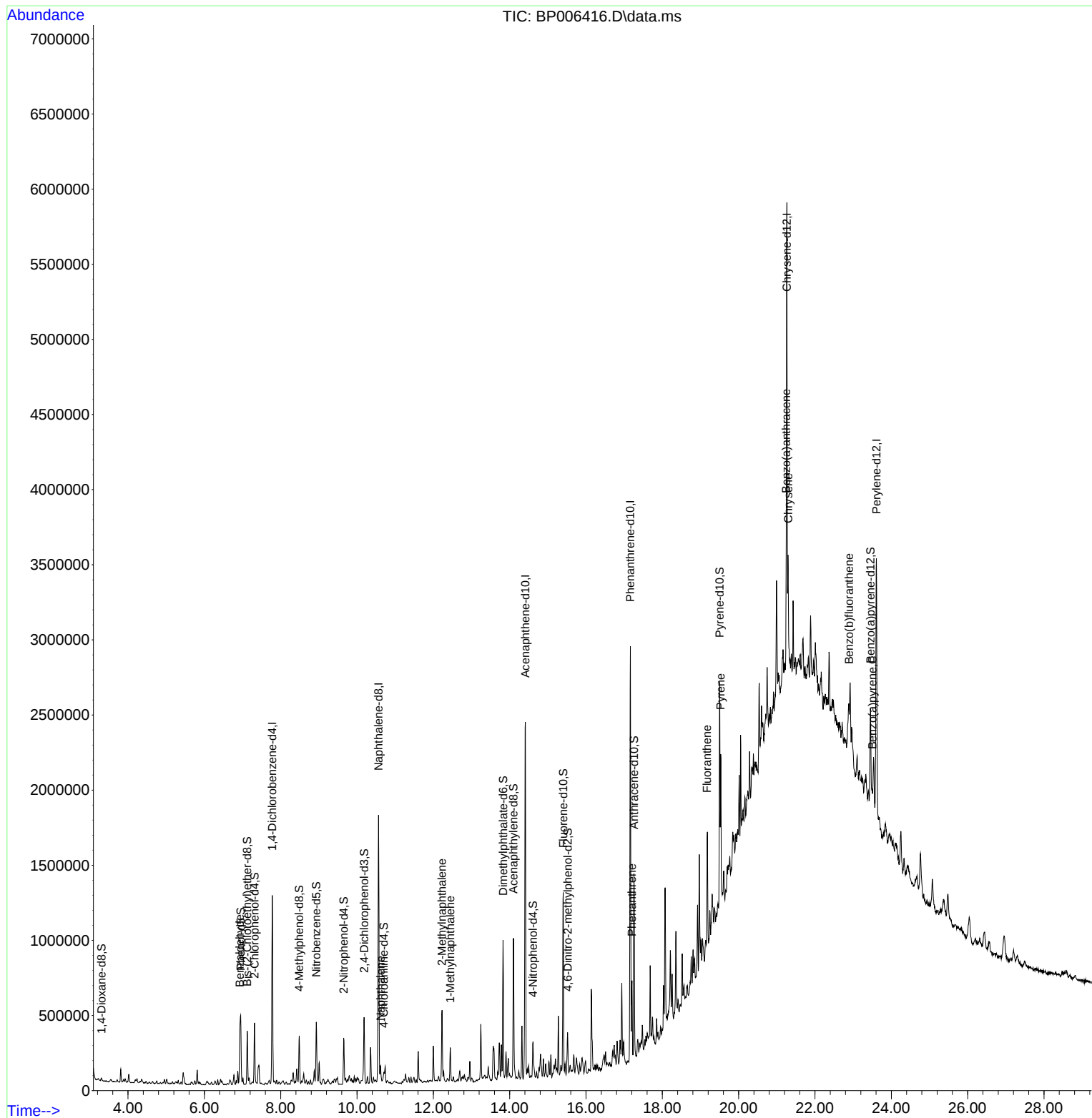
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	313993	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	1342795	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	769977	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	1476354	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1263369	20.000	ng/ul	0.00
88) Perylene-d12	23.610	264	1102152	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	11770	1.399	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.952	99	220818	7.488	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	161052	8.777	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	181249	8.273	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	116155	5.009	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	88240	8.825	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	87094	9.123	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	143588	7.675	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	41949	1.362	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	509106	9.290	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	603777	8.968	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	38670	3.554	ng/ul	0.00
60) Fluorene-d10	15.404	176	434840	9.439	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	40929	4.973	ng/ul	0.00
73) Anthracene-d10	17.257	188	596890	8.956	ng/ul	0.00
81) Pyrene-d10	19.504	212	677177	10.421	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.457	264	437928	7.819	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.928	77	97486	6.059	ng/ul	90
30) Naphthalene	10.616	128	82601	1.186	ng/ul	99
36) 2-Methylnaphthalene	12.228	142	210306	4.405	ng/ul	97
37) 1-Methylnaphthalene	12.445	142	99794	2.077	ng/ul	98
72) Phenanthrene	17.204	178	283421	3.575	ng/ul	99
80) Fluoranthene	19.174	202	308222	3.849	ng/ul	99
82) Pyrene	19.527	202	281668	3.390	ng/ul	97
85) Benzo(a)anthracene	21.245	228	141362	1.806	ng/ul#	88
87) Chrysene	21.298	228	253255	3.375	ng/ul#	94
90) Benzo(b)fluoranthene	22.892	252	180404	2.577	ng/ul#	70
93) Benzo(a)pyrene	23.504	252	66942	1.094	ng/ul#	52

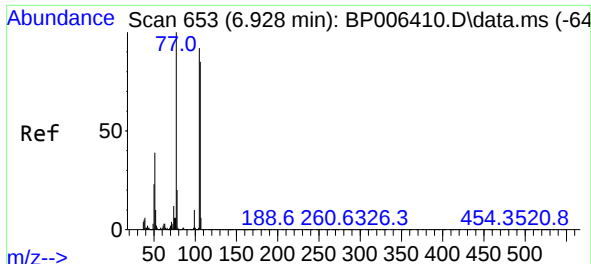
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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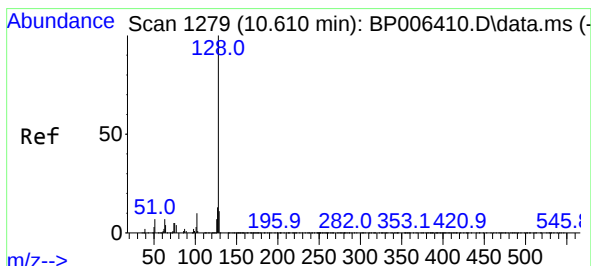
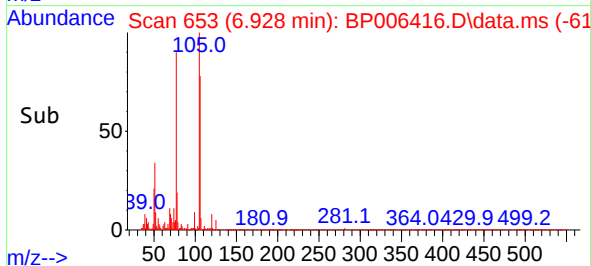
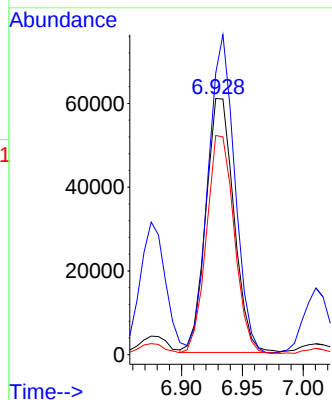
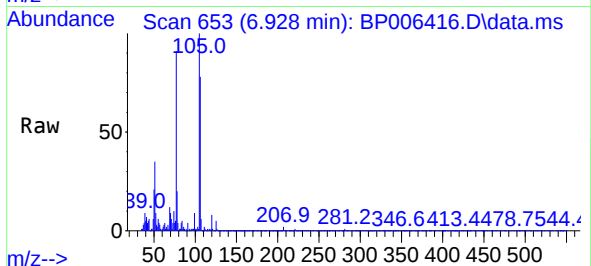




#6
Benzaldehyde
Concen: 6.059 ng/ul
RT: 6.928 min Scan# 653
Delta R.T. -0.000 min
Lab File: BP006416.D
Acq: 29 Jul 2021 12:29

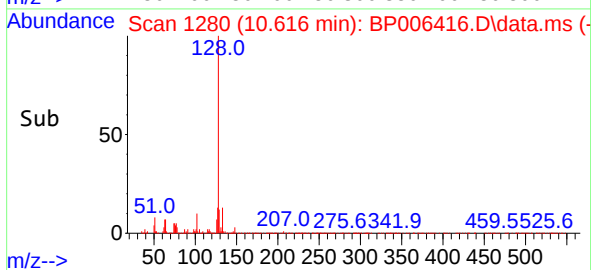
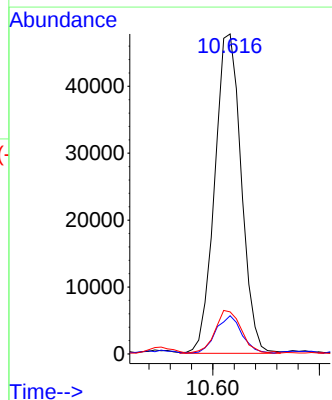
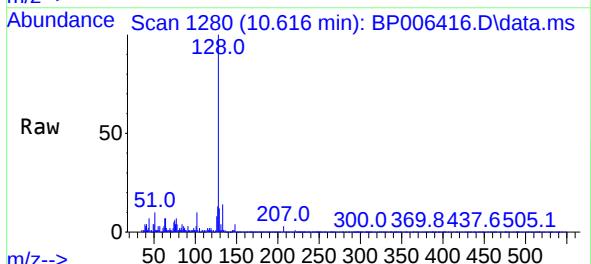
Instrument :
BNA_P
ClientSampleId :
C0081

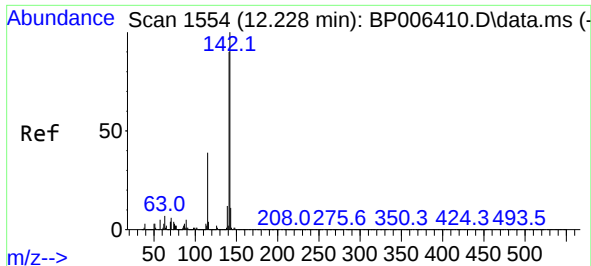
Tgt Ion: 77 Resp: 97486
Ion Ratio Lower Upper
77 100
105 109.8 73.8 110.6
106 85.6 68.0 102.0



#30
Naphthalene
Concen: 1.186 ng/ul
RT: 10.616 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BP006416.D
Acq: 29 Jul 2021 12:29

Tgt Ion: 128 Resp: 82601
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 13.2 10.4 15.6

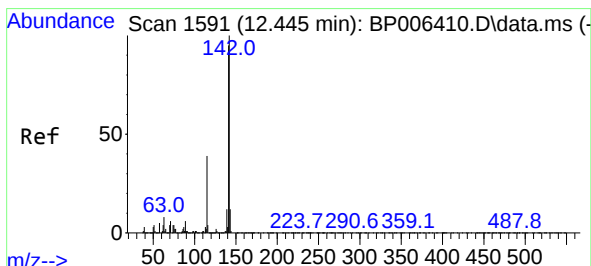
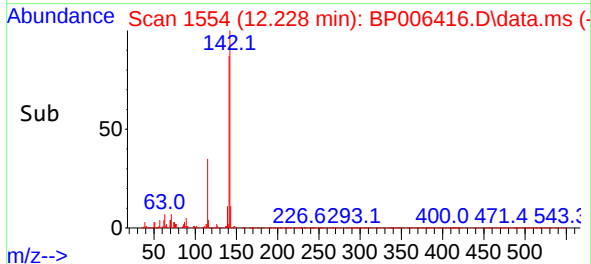
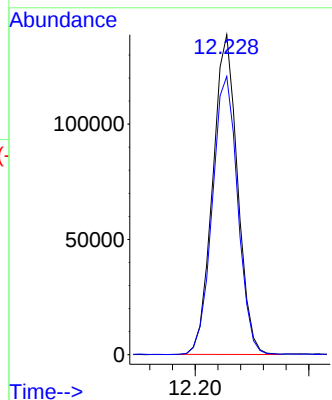
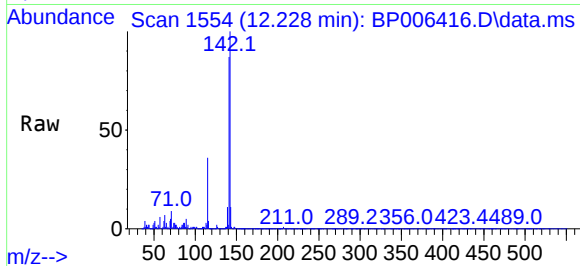




#36
2-Methylnaphthalene
Concen: 4.405 ng/ul
RT: 12.228 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BP006416.D
Acq: 29 Jul 2021 12:29

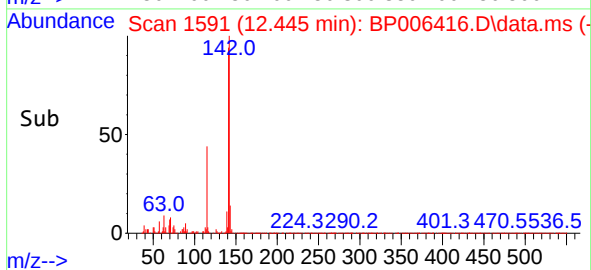
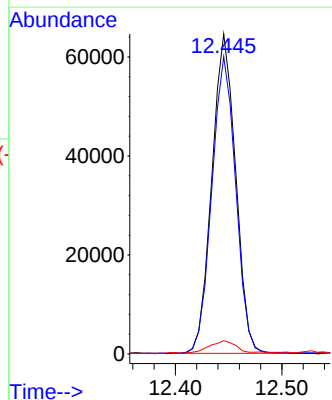
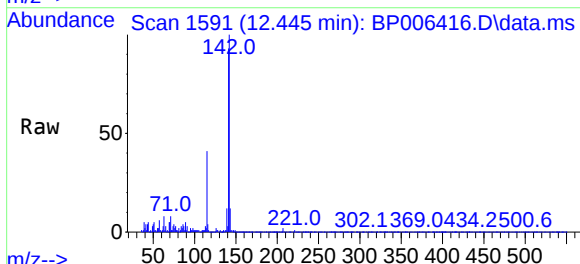
Instrument :
BNA_P
ClientSampleId :
C0081

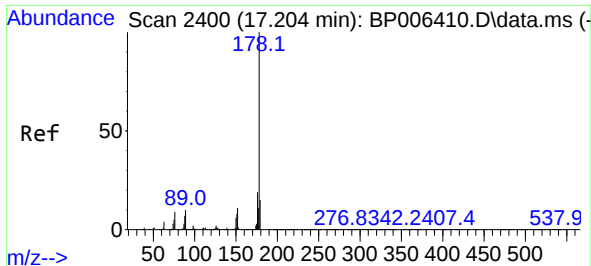
Tgt Ion:142 Resp: 210306
Ion Ratio Lower Upper
142 100
141 86.9 71.7 107.5



#37
1-Methylnaphthalene
Concen: 2.077 ng/ul
RT: 12.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BP006416.D
Acq: 29 Jul 2021 12:29

Tgt Ion:142 Resp: 99794
Ion Ratio Lower Upper
142 100
141 92.8 75.8 113.6
116 4.1 3.4 5.2



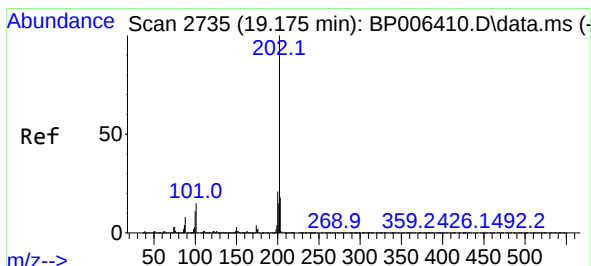
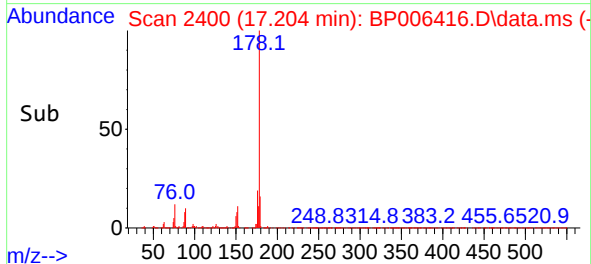
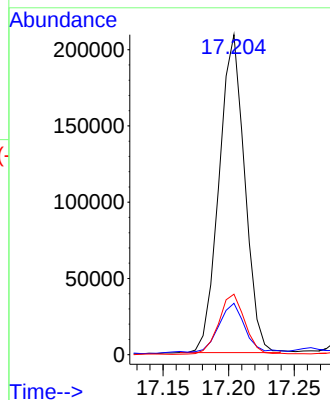
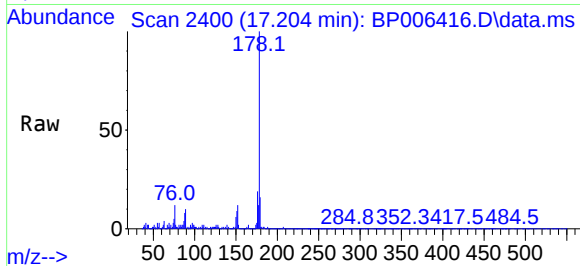


#72
Phenanthrene
Concen: 3.575 ng/ul
RT: 17.204 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP006416.D
Acq: 29 Jul 2021 12:29

Instrument :
BNA_P
ClientSampleId :
C0081

Tgt Ion:178 Resp: 283421

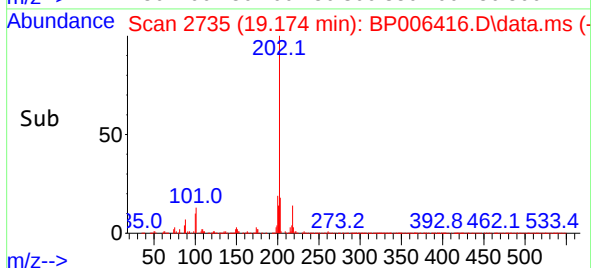
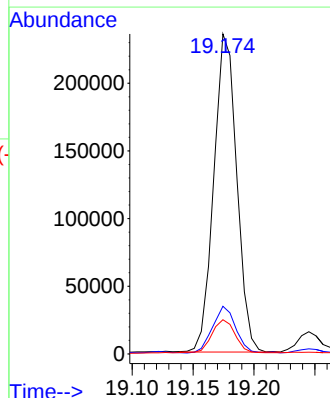
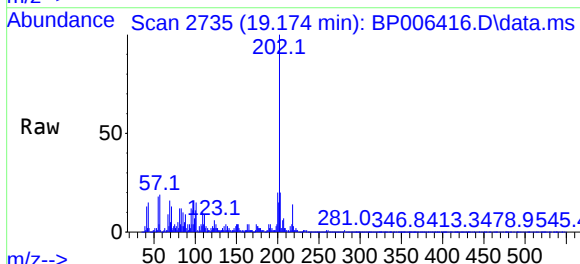
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.1	18.1
176	18.9	15.3	22.9

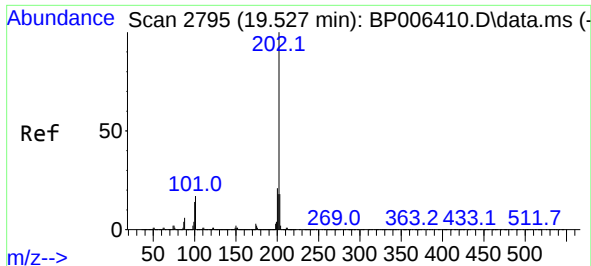


#80
Fluoranthene
Concen: 3.849 ng/ul
RT: 19.174 min Scan# 2735
Delta R.T. -0.000 min
Lab File: BP006416.D
Acq: 29 Jul 2021 12:29

Tgt Ion:202 Resp: 308222

Ion	Ratio	Lower	Upper
202	100		
101	14.9	11.8	17.8
100	10.7	9.0	13.6

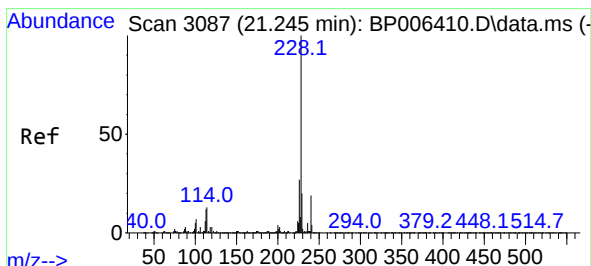
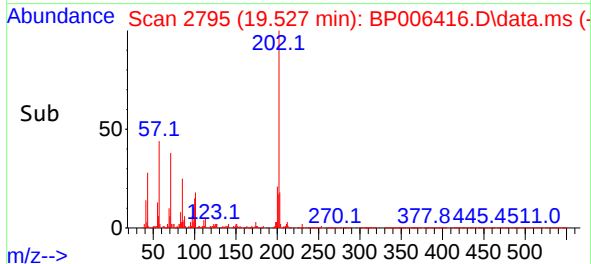
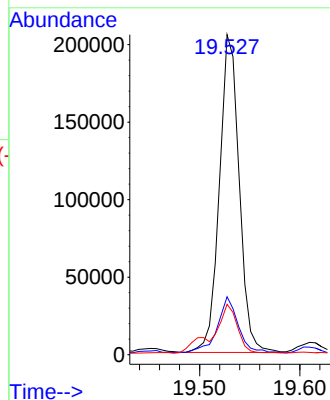
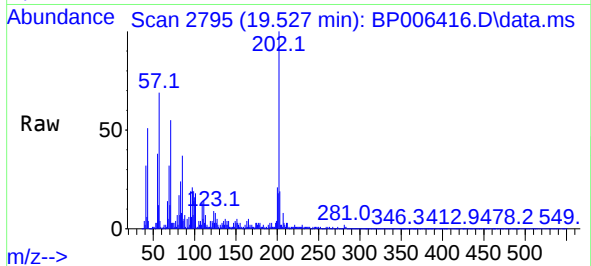




#82
Pyrene
Concen: 3.390 ng/ul
RT: 19.527 min Scan# 2795
Delta R.T. -0.000 min
Lab File: BP006416.D
Acq: 29 Jul 2021 12:29

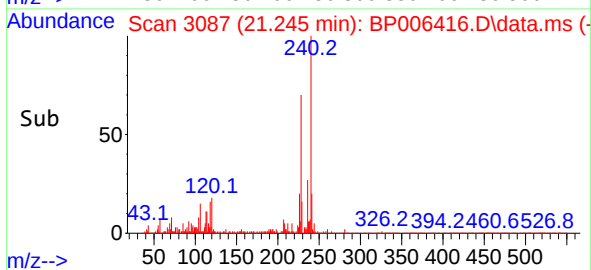
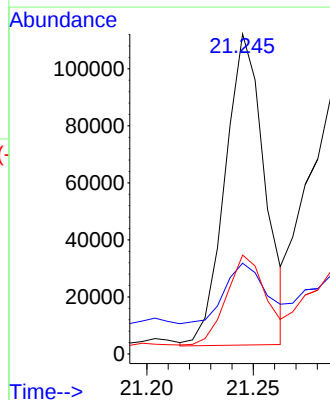
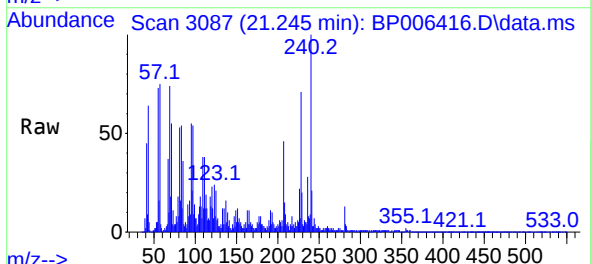
Instrument :
BNA_P
ClientSampled :
C0081

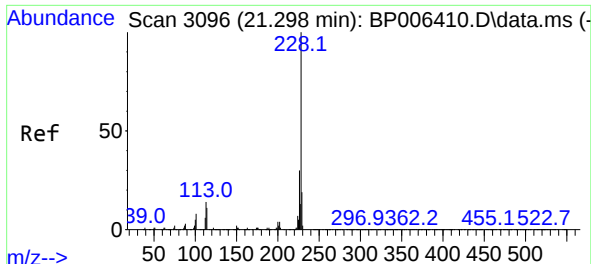
Tgt Ion:202 Resp: 281668
Ion Ratio Lower Upper
202 100
101 18.1 13.4 20.2
100 15.7 11.3 16.9



#85
Benzo(a)anthracene
Concen: 1.806 ng/ul
RT: 21.245 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BP006416.D
Acq: 29 Jul 2021 12:29

Tgt Ion:228 Resp: 141362
Ion Ratio Lower Upper
228 100
229 28.4 15.8 23.6#
226 30.9 21.9 32.9

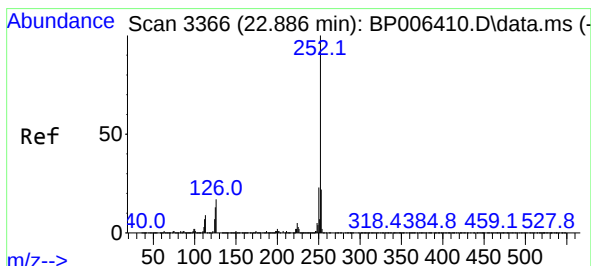
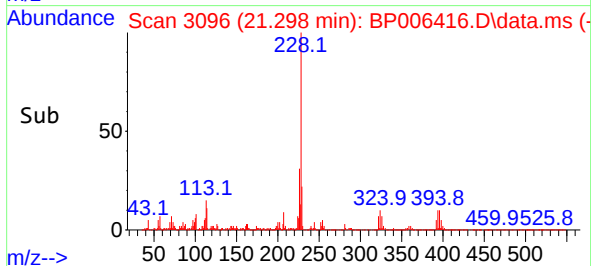
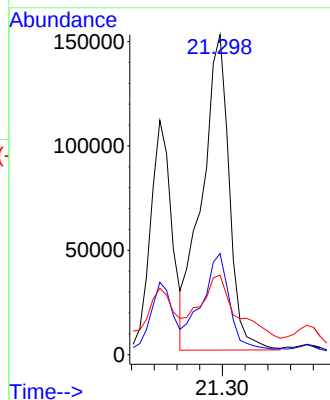
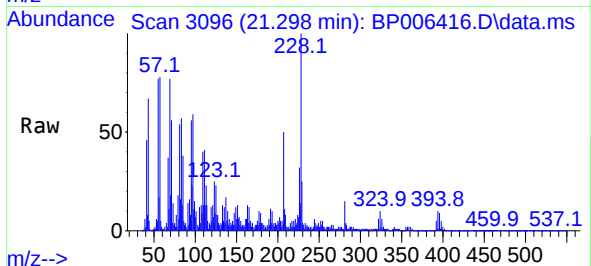




#87
Chrysene
Concen: 3.375 ng/ul
RT: 21.298 min Scan# 3096
Delta R.T. -0.000 min
Lab File: BP006416.D
Acq: 29 Jul 2021 12:29

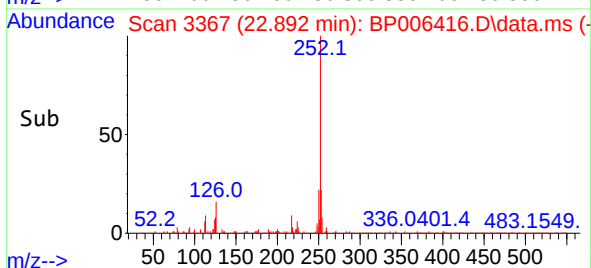
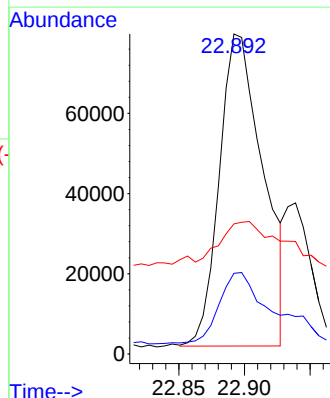
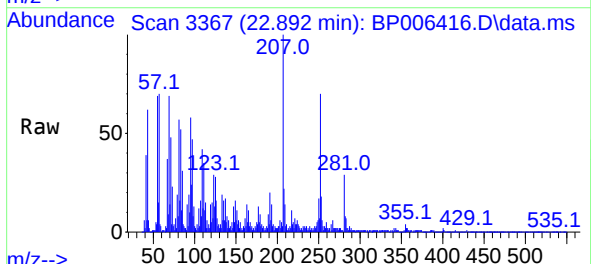
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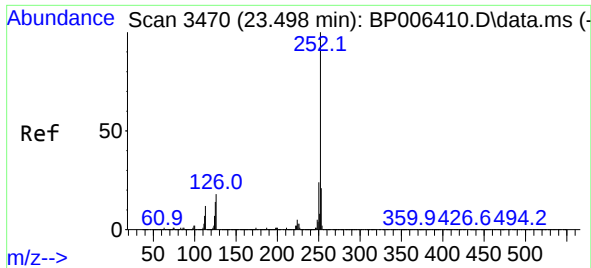
Tgt Ion:228 Resp: 253255
Ion Ratio Lower Upper
228 100
226 31.6 24.1 36.1
229 24.8 15.6 23.4#



#90
Benzo(b)fluoranthene
Concen: 2.577 ng/ul
RT: 22.892 min Scan# 3367
Delta R.T. 0.006 min
Lab File: BP006416.D
Acq: 29 Jul 2021 12:29

Tgt Ion:252 Resp: 180404
Ion Ratio Lower Upper
252 100
253 25.2 17.7 26.5
125 40.7 10.5 15.7#





#93
Benzo(a)pyrene
Concen: 1.094 ng/ul
RT: 23.504 min Scan# 3471
Delta R.T. 0.006 min
Lab File: BP006416.D
Acq: 29 Jul 2021 12:29

Instrument :
BNA_P
ClientSampleId :
C0081

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	57.5	11.3	16.9#

