

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
 Data File : BP007526.D
 Acq On : 20 Oct 2021 13:35
 Operator : CG/JU
 Sample : M4207-07
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AY7

Manual Integrations
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 10/21/2021 11:15:43 AM

Quant Time: Oct 20 14:19:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 20 10:49:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	252820	20.00	ng/ul	0.00
20) Naphthalene-d8	10.757	136	1010752	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	635681	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	1363030	20.00	ng/ul	0.00
79) Chrysene-d12	21.427	240	1352835	20.00	ng/ul	0.00
88) Perylene-d12	23.880	264	1434158	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	18608	2.91	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	7.110	99	264799	13.41	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	161535	13.72	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	218229	14.05	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	209135	13.75	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	100088	15.65	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	97471	16.31	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	199091	13.66	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	255015	12.94	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	623367	14.17	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	778934	14.09	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	67136	9.51	ng/ul	0.00
60) Fluorene-d10	15.581	176	556138	15.11	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	39517	7.24	ng/ul	0.00
73) Anthracene-d10	17.439	188	891053	15.39	ng/ul	0.00
81) Pyrene-d10	19.669	212	1044946	15.45	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	1001371	14.03	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.310	152	75109	1.35	ng/ul	99
72) Phenanthrene	17.380	178	228188	3.35	ng/ul	99
74) Anthracene	17.475	178	2040009	29.93	ng/ul	99
77) Carbazole	17.739	167	95605	1.60	ng/ul	100
80) Fluoranthene	19.345	202	1183631	14.11	ng/ul	98
82) Pyrene	19.698	202	1096625	12.96	ng/ul	100
85) Benzo(a)anthracene	21.410	228	1135324	13.66	ng/ul	97
87) Chrysene	21.468	228	3905171	48.50	ng/ul	99
90) Benzo(b)fluoranthene	23.133	252	2681414	30.72	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	936702m	11.51	ng/ul	
93) Benzo(a)pyrene	23.774	252	1520909	18.22	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.451	276	2557050	26.44	ng/ul	97
95) Dibenzo(a,h)anthracene	26.456	278	689150	8.37	ng/ul#	85
96) Benzo(g,h,i)perylene	27.239	276	2589529	31.09	ng/ul	97

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

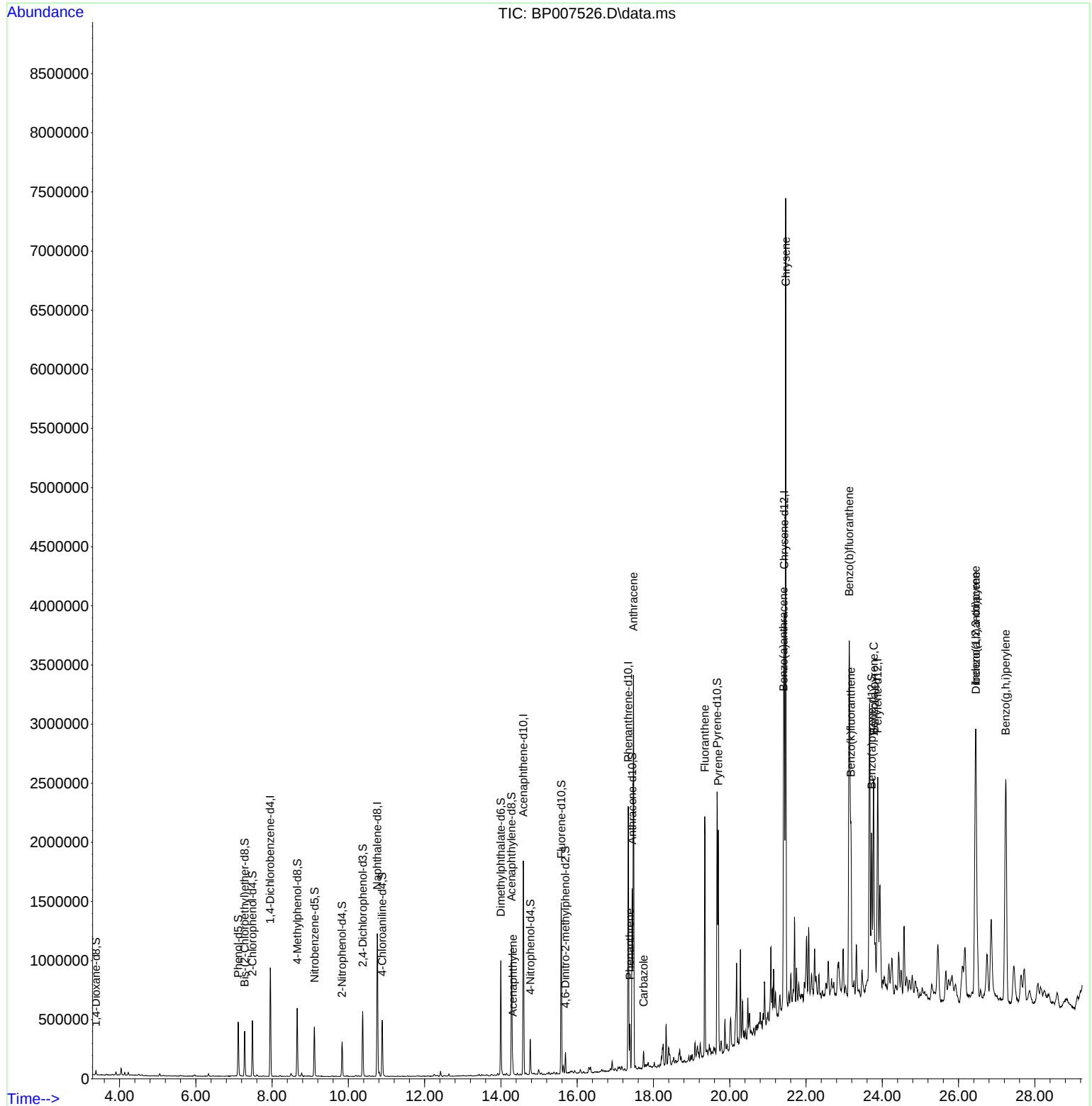
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Data File : BP007526.D
Acq On : 20 Oct 2021 13:35
Operator : CG/JU
Sample : M4207-07
Misc :
ALS Vial : 81 Sample Multiplier: 1

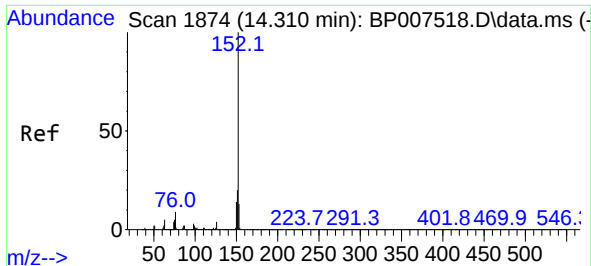
Instrument :
BNA_P
ClientSampleId :
C0AY7

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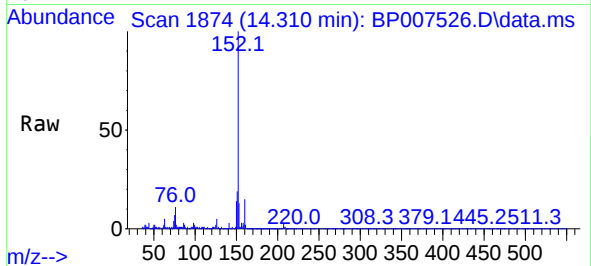
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 20 10:49:33 2021
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.35 ng/ul
RT: 14.310 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BP007526.D
Acq: 20 Oct 2021 13:35

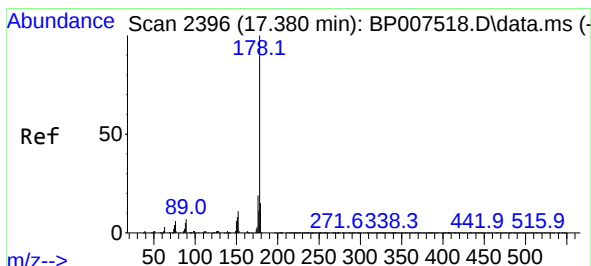
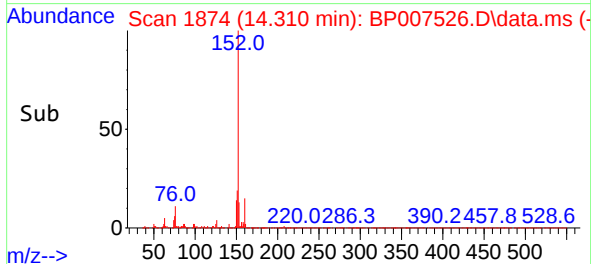
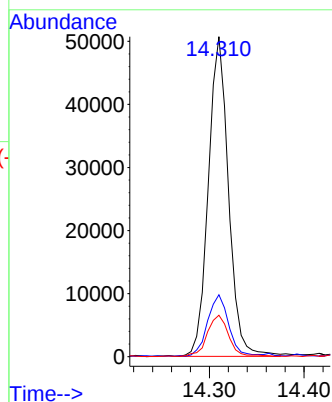
Instrument :
BNA_P
ClientSampled :
C0AY7



Tgt Ion:152 Resp: 75109
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.0 10.6 15.8

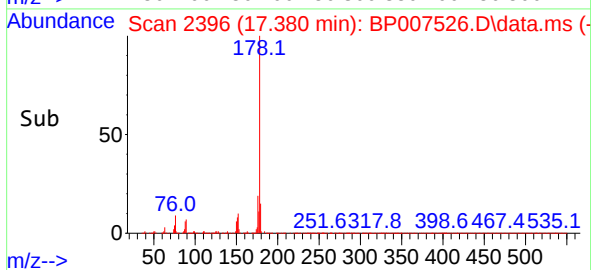
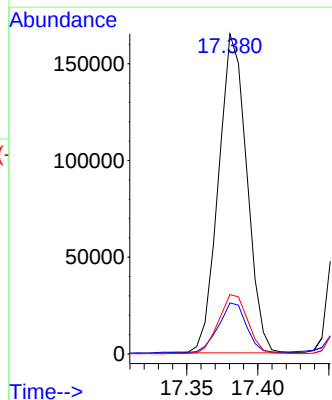
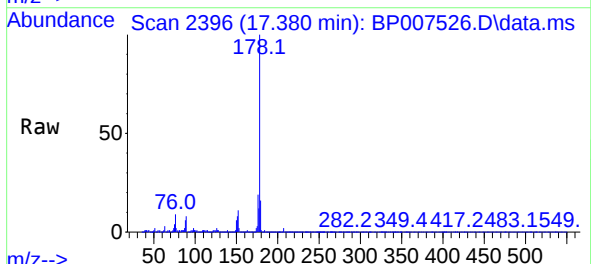
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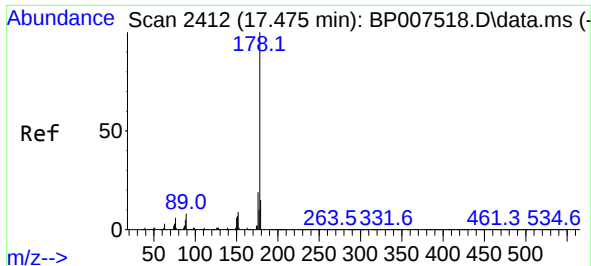
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#72
Phenanthrene
Concen: 3.35 ng/ul
RT: 17.380 min Scan# 2396
Delta R.T. -0.000 min
Lab File: BP007526.D
Acq: 20 Oct 2021 13:35

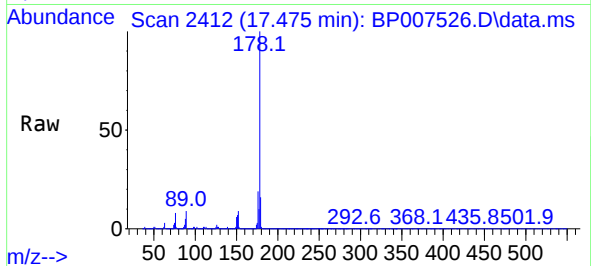
Tgt Ion:178 Resp: 228188
Ion Ratio Lower Upper
178 100
179 15.9 12.1 18.1
176 18.6 15.2 22.8





#74
 Anthracene
 Concen: 29.93 ng/u1
 RT: 17.475 min Scan# 2412
 Delta R.T. -0.000 min
 Lab File: BP007526.D
 Acq: 20 Oct 2021 13:35

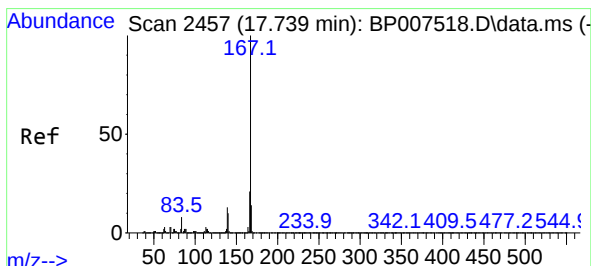
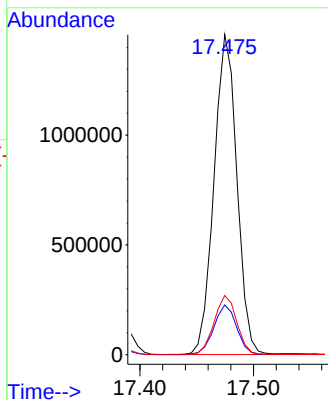
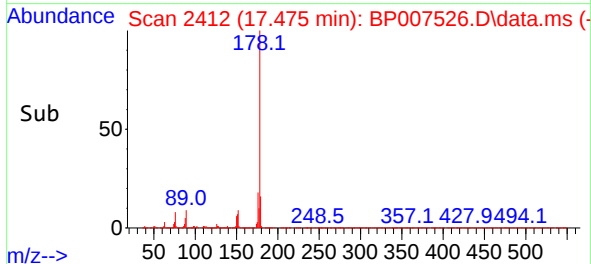
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 ClientSampled :
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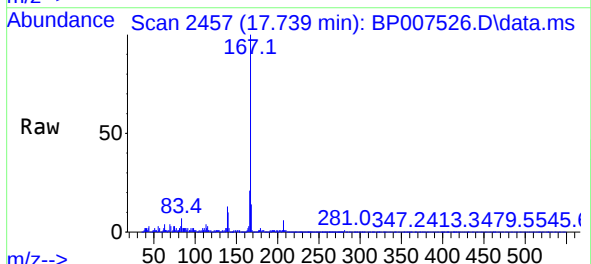
Tgt Ion:178 Resp: 2040009
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.2 18.4
 176 18.5 14.6 22.0

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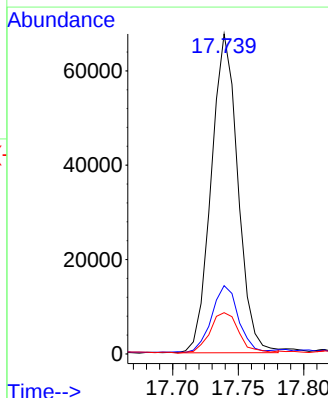
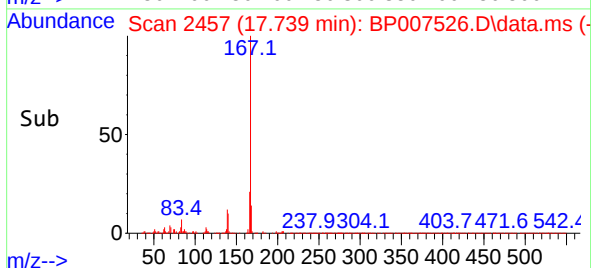
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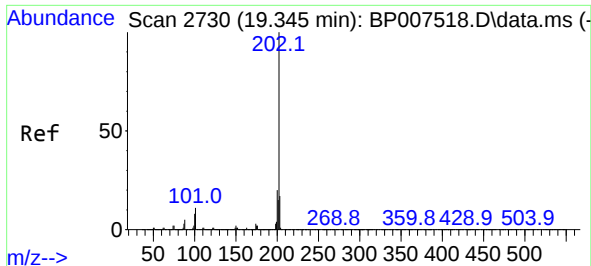


#77
 Carbazole
 Concen: 1.60 ng/u1
 RT: 17.739 min Scan# 2457
 Delta R.T. -0.000 min
 Lab File: BP007526.D
 Acq: 20 Oct 2021 13:35



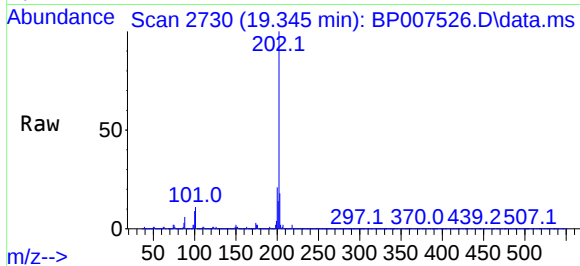
Tgt Ion:167 Resp: 95605
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.9 10.4 15.6





#80
Fluoranthene
Concen: 14.11 ng/ul
RT: 19.345 min Scan# 2730
Delta R.T. -0.000 min
Lab File: BP007526.D
Acq: 20 Oct 2021 13:35

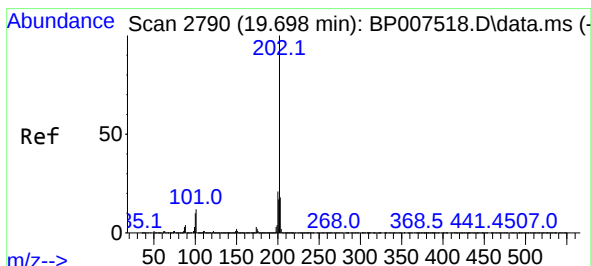
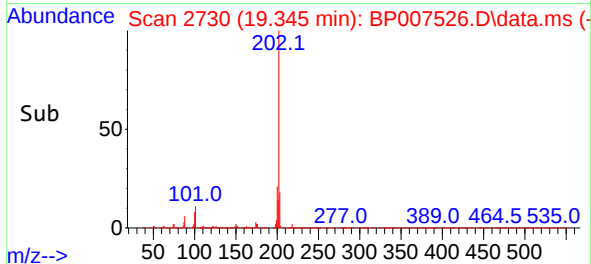
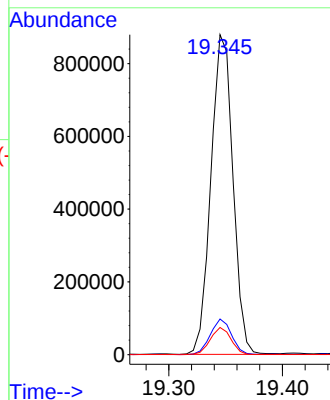
Instrument :
BNA_P
ClientSampled :
C0AY7



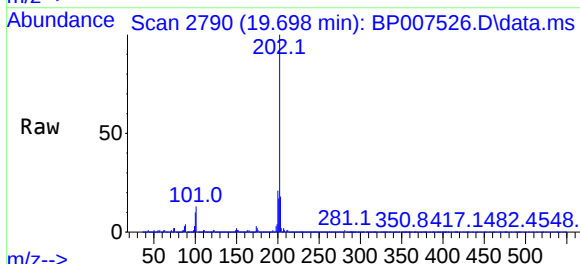
Tgt Ion:202 Resp: 1183631
Ion Ratio Lower Upper
202 100
101 11.2 8.4 12.6
100 8.5 6.3 9.5

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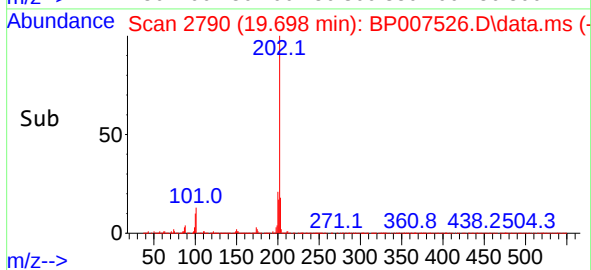
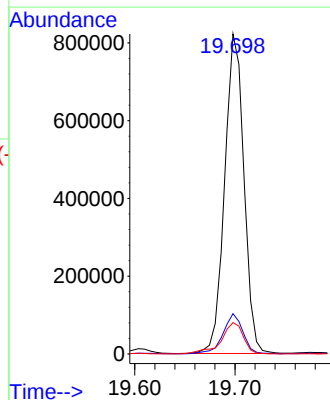
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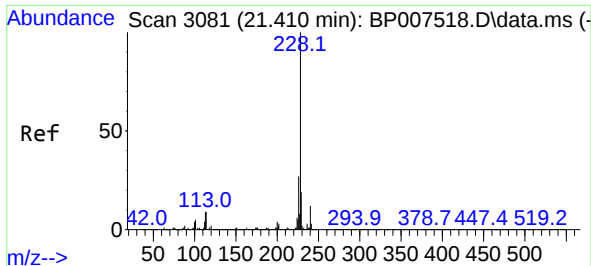


#82
Pyrene
Concen: 12.96 ng/ul
RT: 19.698 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP007526.D
Acq: 20 Oct 2021 13:35



Tgt Ion:202 Resp: 1096625
Ion Ratio Lower Upper
202 100
101 12.6 9.9 14.9
100 9.8 7.9 11.9





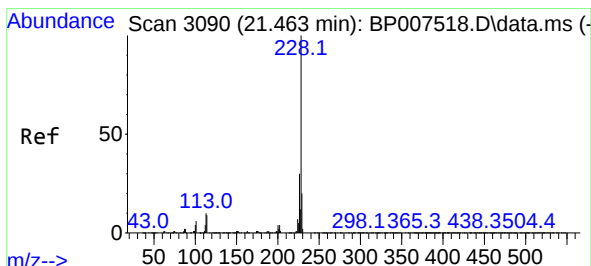
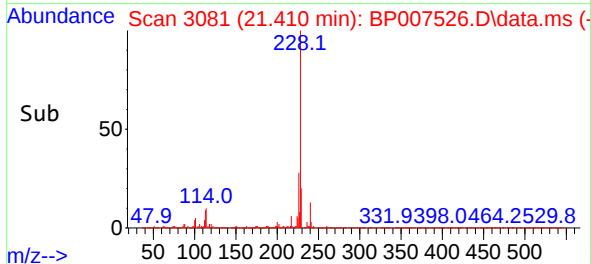
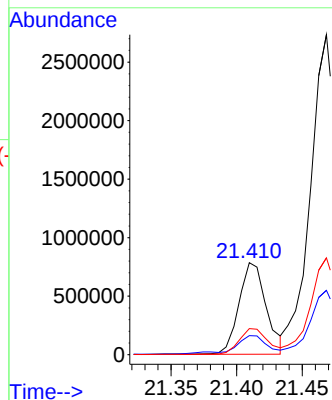
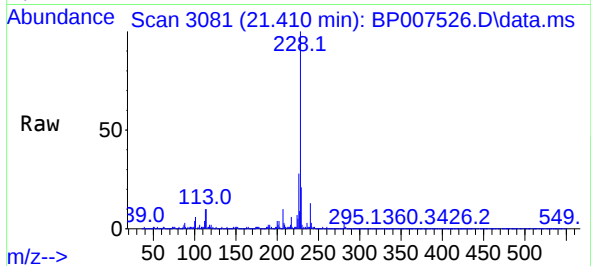
#85
Benzo(a)anthracene
Concen: 13.66 ng/ul
RT: 21.410 min Scan# 3081
Delta R.T. -0.000 min
Lab File: BP007526.D
Acq: 20 Oct 2021 13:35

Tgt Ion:228 Resp: 1135324
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.4 21.4 32.0

Instrument :
BNA_P
ClientSampleId :
C0AY7

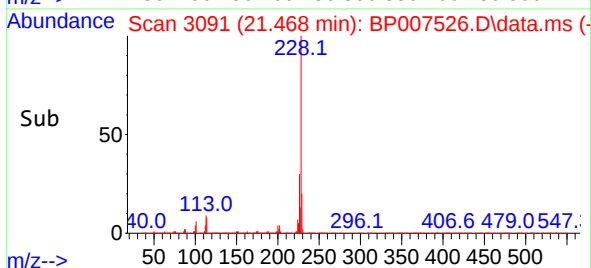
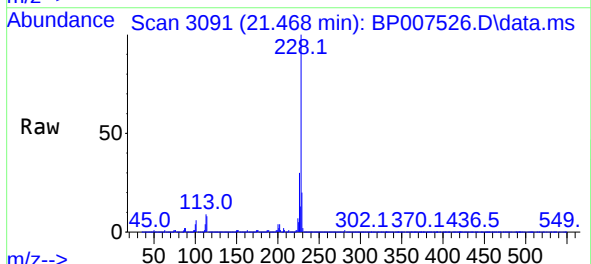
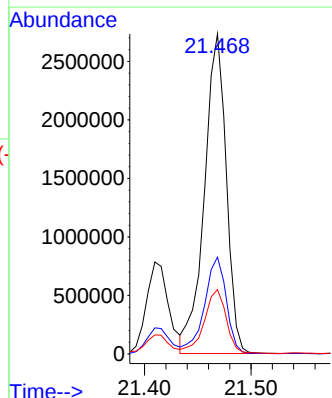
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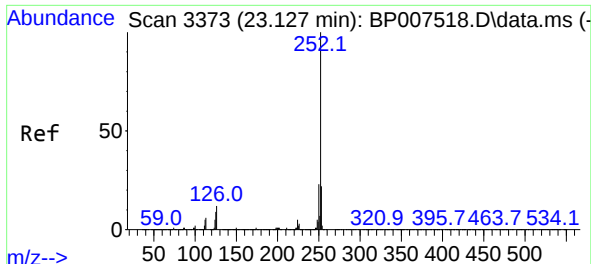
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#87
Chrysene
Concen: 48.50 ng/ul
RT: 21.468 min Scan# 3091
Delta R.T. 0.006 min
Lab File: BP007526.D
Acq: 20 Oct 2021 13:35

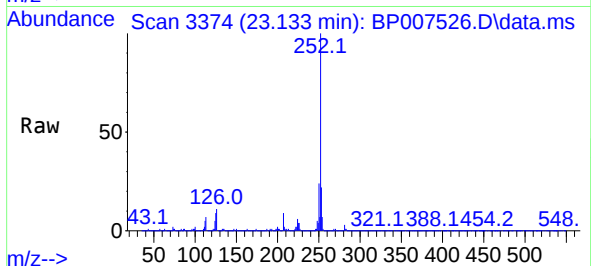
Tgt Ion:228 Resp: 3905171
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 20.1 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 30.72 ng/ul
RT: 23.133 min Scan# 3374
Delta R.T. 0.006 min
Lab File: BP007526.D
Acq: 20 Oct 2021 13:35

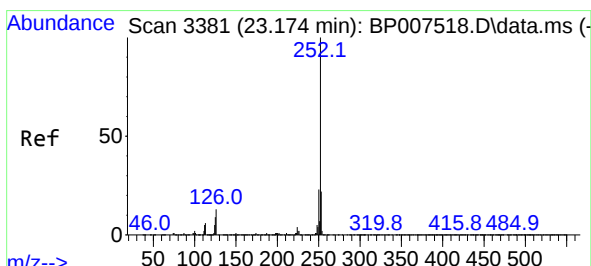
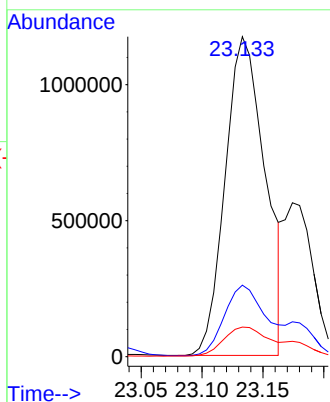
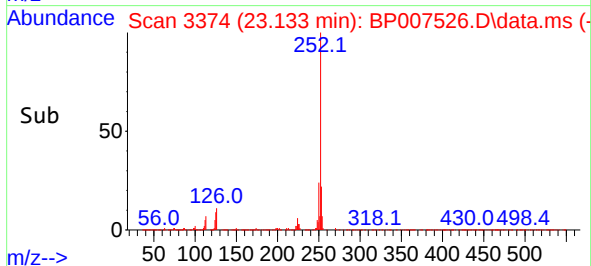
Instrument :
BNA_P
ClientSampled :
C0AY7



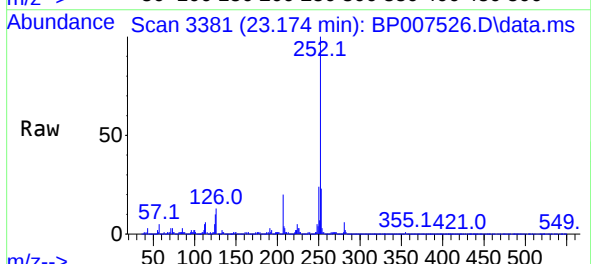
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Ion Ratio Lower Upper
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253 22.3 17.4 26.2
125 9.2 7.8 11.6

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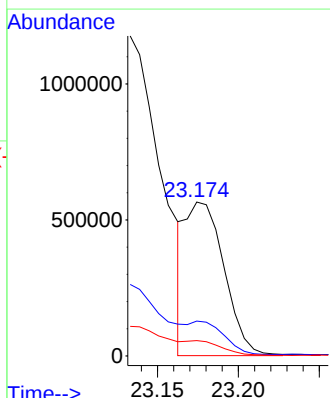
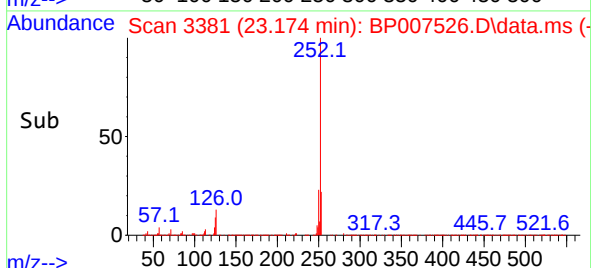
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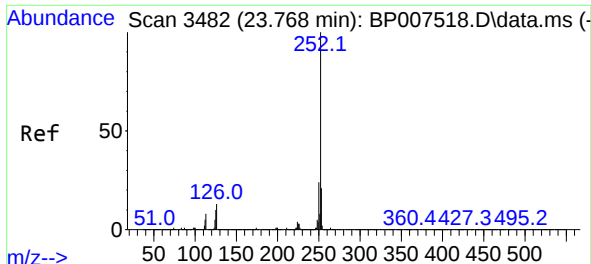


#91
Benzo(k)fluoranthene
Concen: 11.51 ng/ul m
RT: 23.174 min Scan# 3381
Delta R.T. -0.000 min
Lab File: BP007526.D
Acq: 20 Oct 2021 13:35



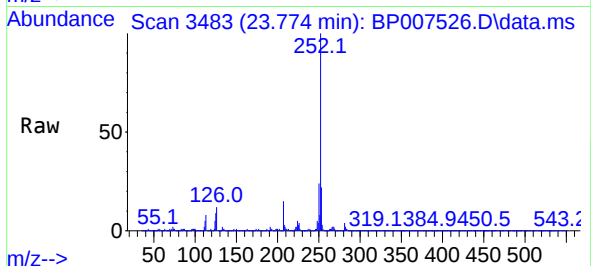
Tgt Ion:252 Resp: 936702
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 10.0 8.0 12.0





#93
Benzo(a)pyrene
Concen: 18.22 ng/u1
RT: 23.774 min Scan# 3483
Delta R.T. 0.006 min
Lab File: BP007526.D
Acq: 20 Oct 2021 13:35

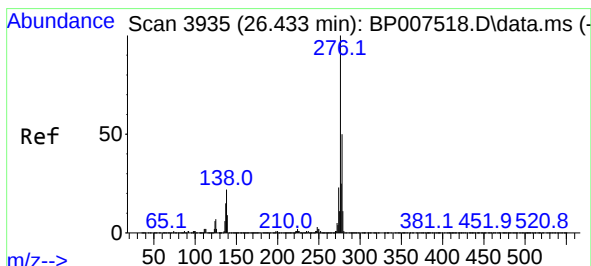
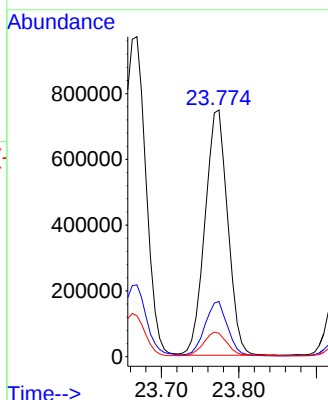
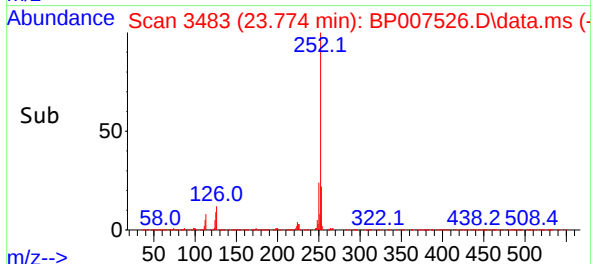
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ClientSampled :
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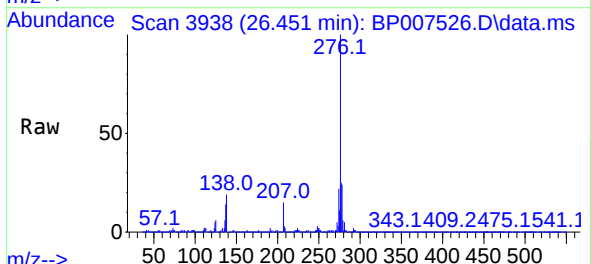
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253 22.4 17.3 25.9
125 9.5 8.3 12.5

Manual Integrations
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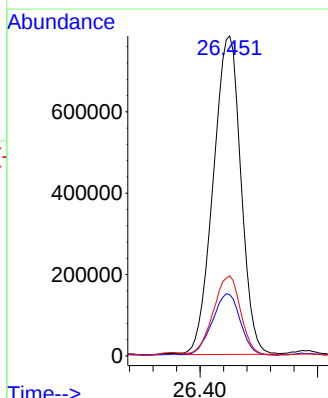
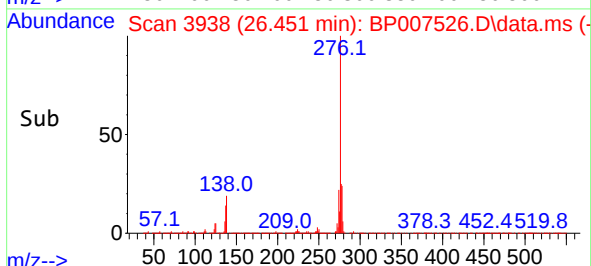
mohammad
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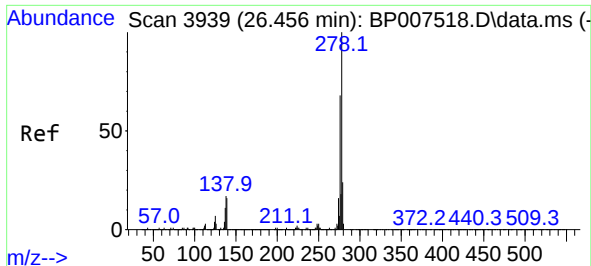


#94
Indeno(1,2,3-cd)pyrene
Concen: 26.44 ng/u1
RT: 26.451 min Scan# 3938
Delta R.T. 0.018 min
Lab File: BP007526.D
Acq: 20 Oct 2021 13:35



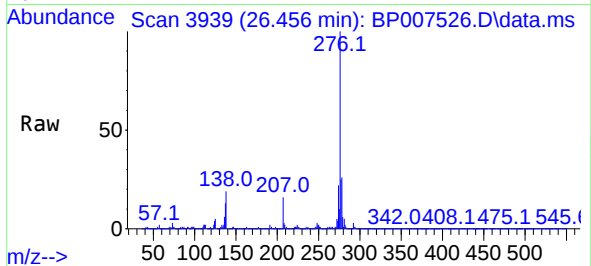
Tgt Ion:276 Resp: 2557050
Ion Ratio Lower Upper
276 100
138 19.2 17.8 26.8
277 25.0 19.8 29.6





#95
Dibenzo(a,h)anthracene
Concen: 8.37 ng/ul
RT: 26.456 min Scan# 3939
Delta R.T. -0.000 min
Lab File: BP007526.D
Acq: 20 Oct 2021 13:35

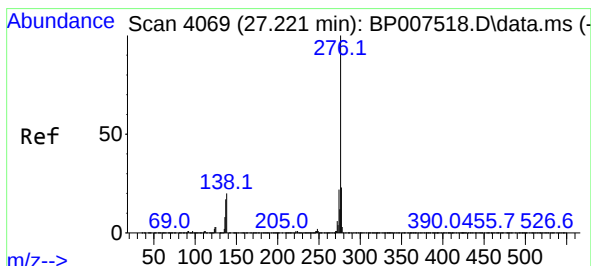
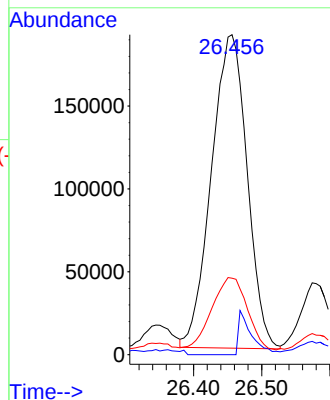
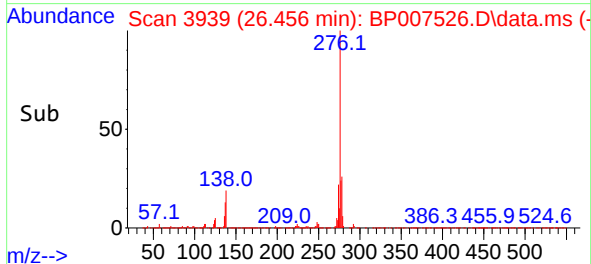
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ClientSampled :
C0AY7



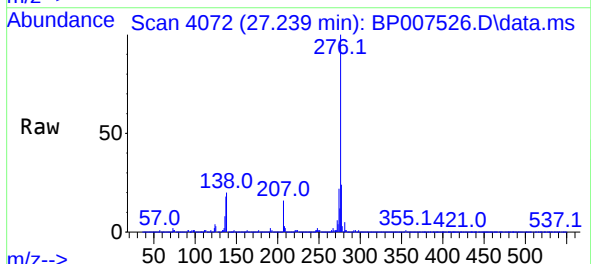
Tgt Ion:278 Resp: 689150
Ion Ratio Lower Upper
278 100
139 0.0 12.8 19.2#
279 23.9 19.1 28.7

Manual Integrations
APPROVED

mohammad
10/21/2021 11:15:43 AM



#96
Benzo(g,h,i)perylene
Concen: 31.09 ng/ul
RT: 27.239 min Scan# 4072
Delta R.T. 0.018 min
Lab File: BP007526.D
Acq: 20 Oct 2021 13:35



Tgt Ion:276 Resp: 2589529
Ion Ratio Lower Upper
276 100
138 20.3 17.5 26.3
277 23.9 18.5 27.7

