

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
 Data File : BP007506.D
 Acq On : 20 Oct 2021 00:25
 Operator : CG/JU
 Sample : M4207-10
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0B23

Manual Integrations
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Quant Time: Oct 20 02:06:39 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	7.951	152	170515	20.00	ng/ul	0.00
20) Naphthalene-d8	10.757	136	692757	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	447059	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.339	188	975299	20.00	ng/ul	-0.01
79) Chrysene-d12	21.427	240	1013980	20.00	ng/ul	-0.01
88) Perylene-d12	23.874	264	1067523	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5450	1.26	ng/uL	0.00
4) Pyridine-d5	3.822	84	5775m	0.49	ng/ul	0.03
7) Phenol-d5	7.110	99	96864	7.27	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	59238	7.46	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	79693	7.61	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	72863	7.10	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	35631	8.13	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.834	143	33611	8.21	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	73355	7.34	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	86306	6.39	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	242692	7.85	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	294260	7.57	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	20076	4.05	ng/ul	0.00
60) Fluorene-d10	15.580	176	217389	8.40	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.692	200	9700	2.48	ng/ul	-0.01
73) Anthracene-d10	17.439	188	347643	8.39	ng/ul	-0.01
81) Pyrene-d10	19.668	212	433232	8.55	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.715	264	414973	7.81	ng/ul	-0.02
Target Compounds						
					Qvalue	
52) Acenaphthene	14.651	153	41777	1.65	ng/ul	95
61) Fluorene	15.639	166	30731	1.10	ng/ul	97
72) Phenanthrene	17.380	178	248428	5.10	ng/ul	99
74) Anthracene	17.474	178	380156	7.80	ng/ul	100
80) Fluoranthene	19.345	202	899399	14.30	ng/ul	99
82) Pyrene	19.698	202	743790	11.73	ng/ul	100
85) Benzo(a)anthracene	21.410	228	503562	8.08	ng/ul	97
87) Chrysene	21.462	228	829313	13.74	ng/ul	98
90) Benzo(b)fluoranthene	23.127	252	853801	13.14	ng/ul	98
91) Benzo(k)fluoranthene	23.174	252	255345	4.21	ng/ul	99
93) Benzo(a)pyrene	23.762	252	427513	6.88	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	443178	6.16	ng/ul	98
95) Dibenzo(a,h)anthracene	26.445	278	126053	2.06	ng/ul	98
96) Benzo(g,h,i)perylene	27.215	276	419736	6.77	ng/ul	96

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

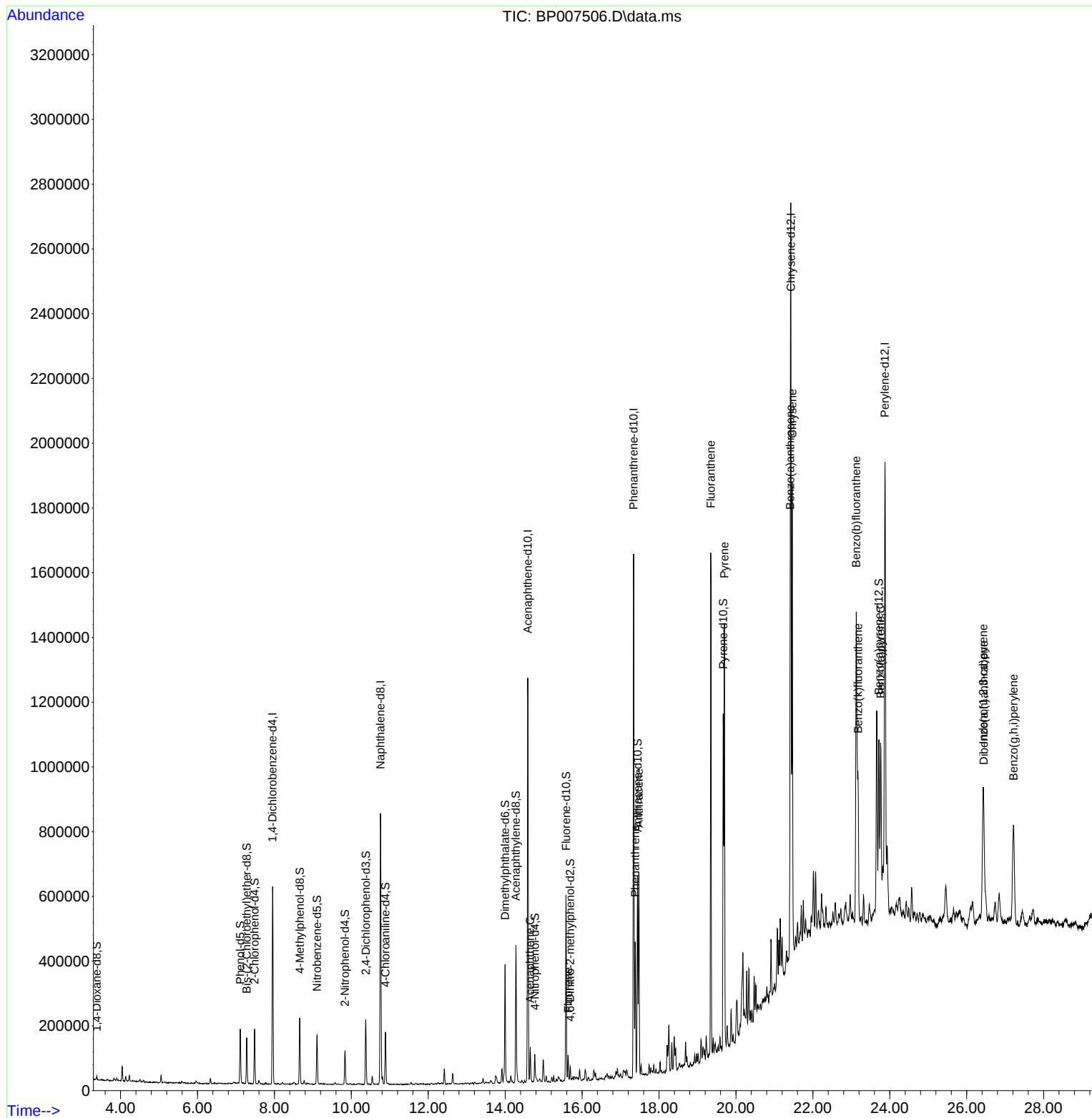
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Data File : BP007506.D
Acq On : 20 Oct 2021 00:25
Operator : CG/JU
Sample : M4207-10
Misc :
ALS Vial : 59 Sample Multiplier: 1

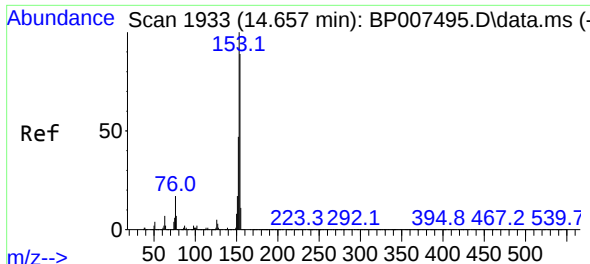
Instrument :
BNA_P
ClientSampleId :
C0B23

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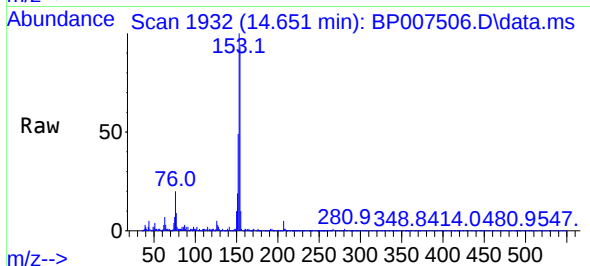
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 18 11:26:58 2021
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.65 ng/ul
RT: 14.651 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

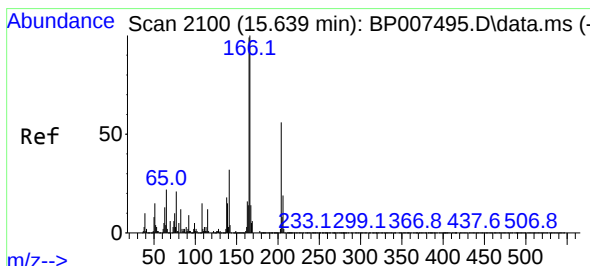
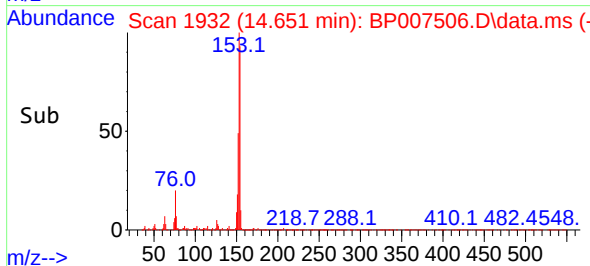
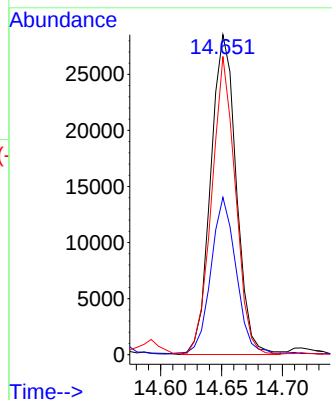
Instrument :
BNA_P
ClientSampled :
C0B23



Tgt Ion:153 Resp: 41777
Ion Ratio Lower Upper
153 100
152 49.1 37.9 56.9
154 93.2 70.1 105.1

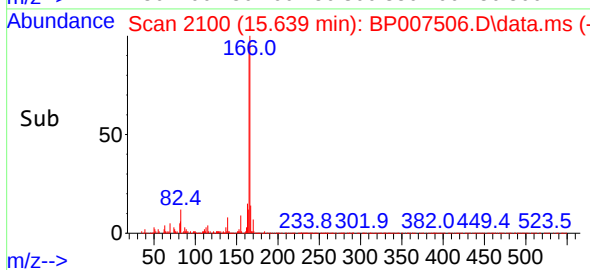
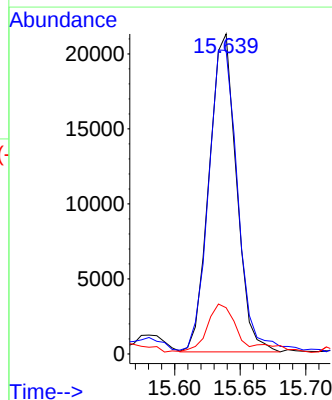
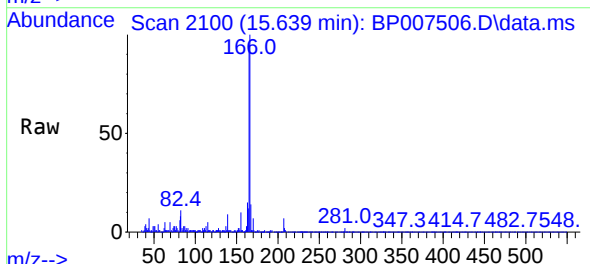
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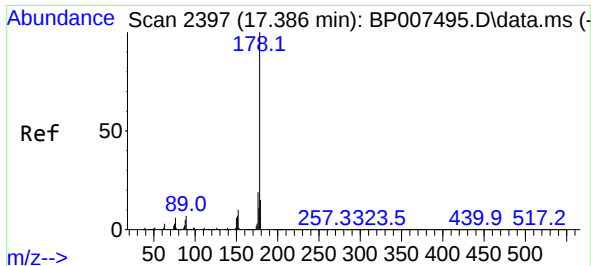
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#61
Fluorene
Concen: 1.10 ng/ul
RT: 15.639 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

Tgt Ion:166 Resp: 30731
Ion Ratio Lower Upper
166 100
165 94.9 78.4 117.6
167 14.4 10.9 16.3





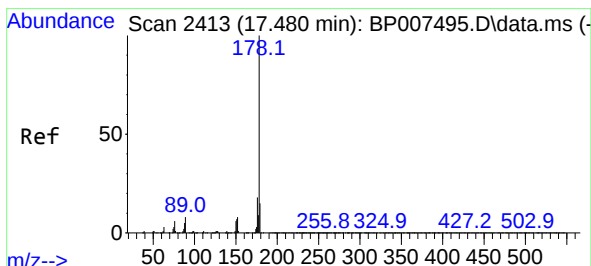
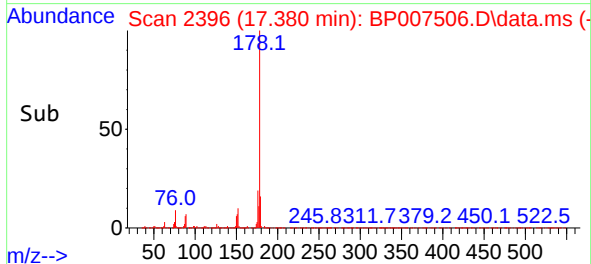
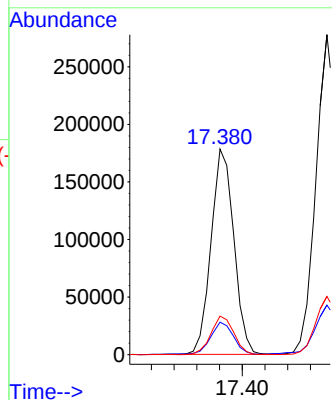
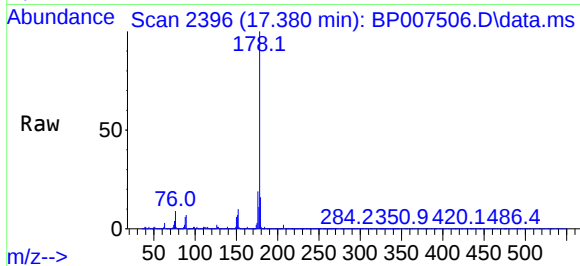
#72
Phenanthrene
Concen: 5.10 ng/ul
RT: 17.380 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

Tgt Ion:178 Resp: 248428
Ion Ratio Lower Upper
178 100
179 15.8 12.1 18.1
176 18.7 15.2 22.8

Instrument :
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ClientSampleId :
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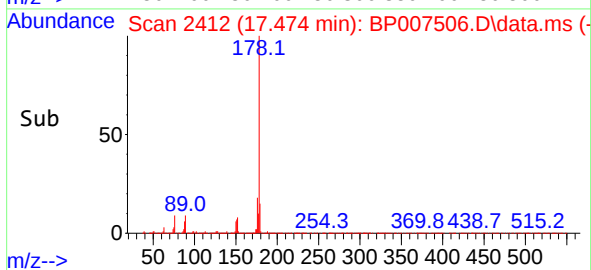
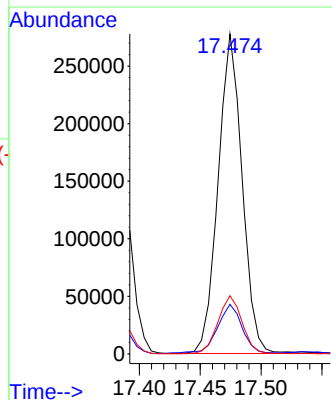
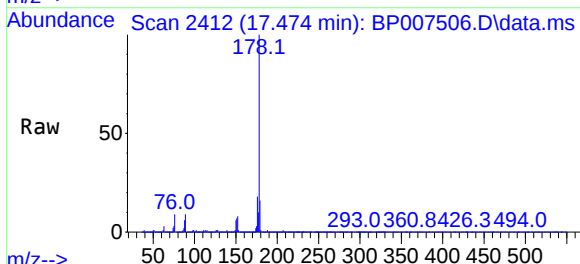
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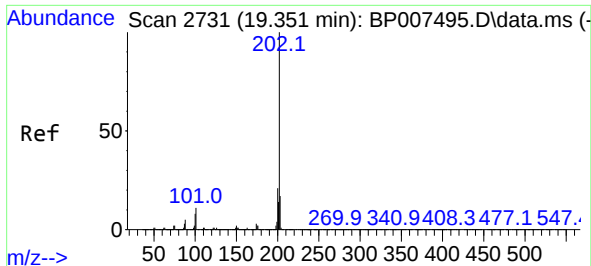
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#74
Anthracene
Concen: 7.80 ng/ul
RT: 17.474 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

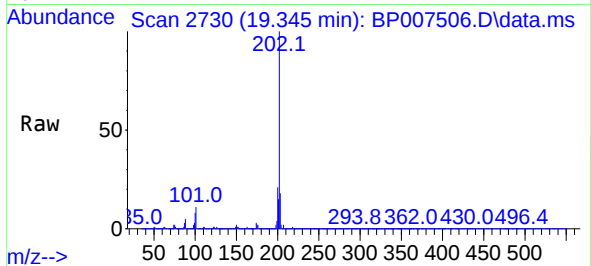
Tgt Ion:178 Resp: 380156
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 18.2 14.6 22.0





#80
Fluoranthene
Concen: 14.30 ng/ul
RT: 19.345 min Scan# 2730
Delta R.T. -0.012 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

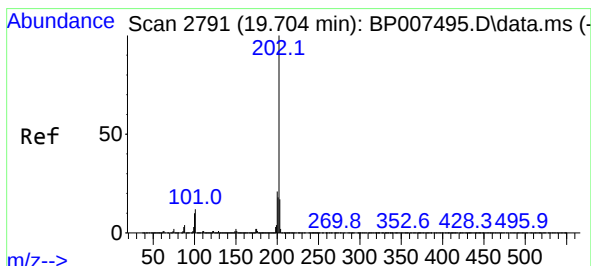
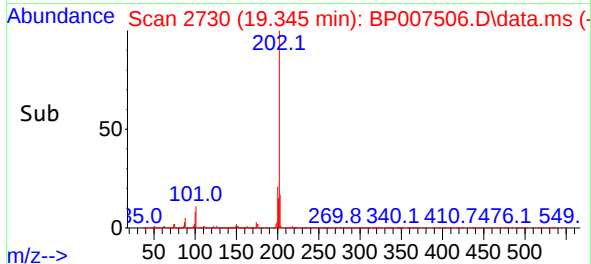
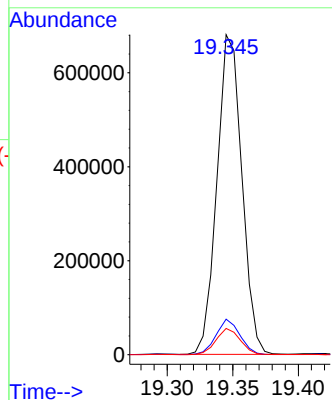
Instrument :
BNA_P
ClientSampled :
C0B23



Tgt Ion:202 Resp: 899399
Ion Ratio Lower Upper
202 100
101 11.1 8.4 12.6
100 8.2 6.3 9.5

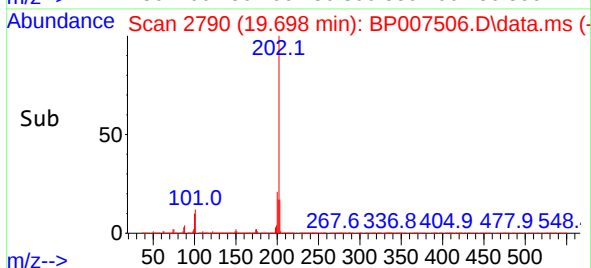
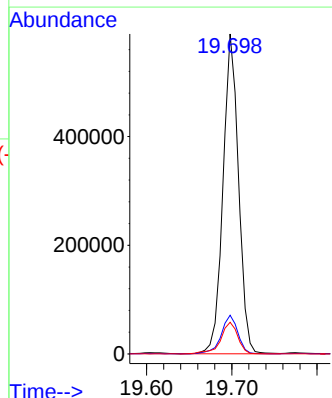
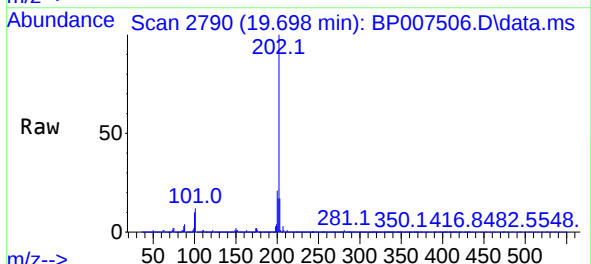
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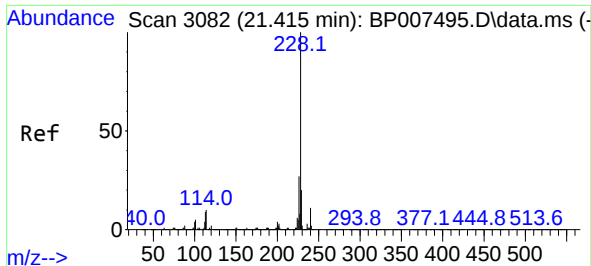
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#82
Pyrene
Concen: 11.73 ng/ul
RT: 19.698 min Scan# 2790
Delta R.T. -0.012 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

Tgt Ion:202 Resp: 743790
Ion Ratio Lower Upper
202 100
101 12.1 9.9 14.9
100 9.9 7.9 11.9





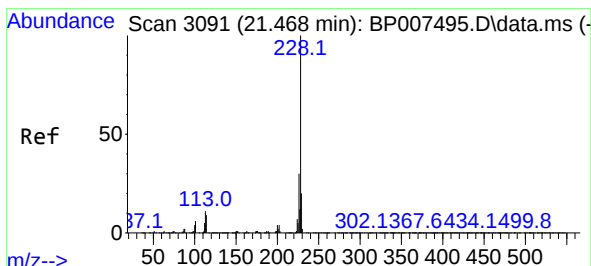
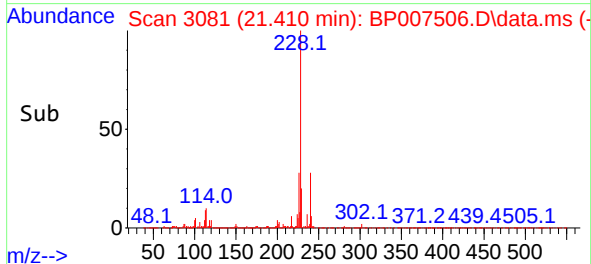
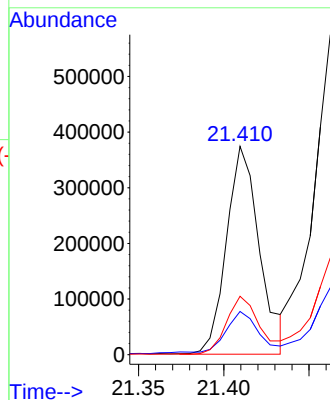
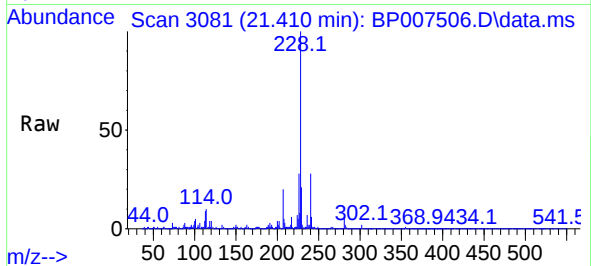
#85
Benzo(a)anthracene
Concen: 8.08 ng/ul
RT: 21.410 min Scan# 3081
Delta R.T. -0.012 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

Tgt Ion:228 Resp: 503562
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.1 21.4 32.0

Instrument :
BNA_P
ClientSampled :
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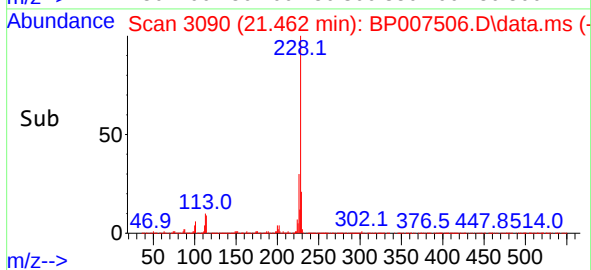
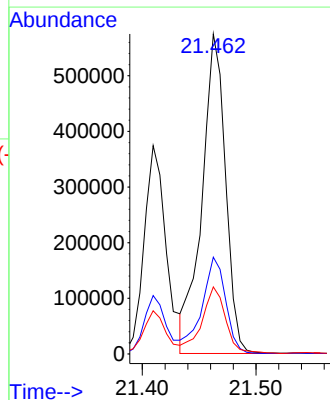
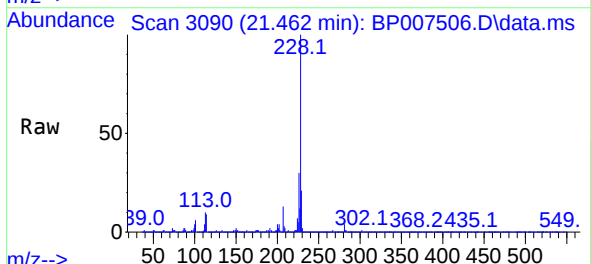
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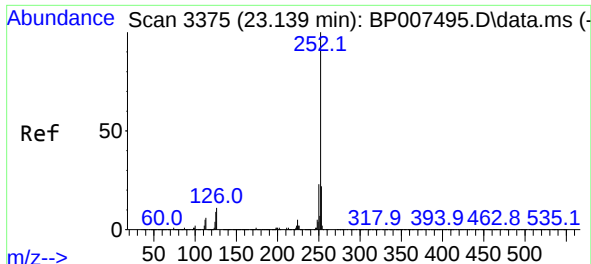
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#87
Chrysene
Concen: 13.74 ng/ul
RT: 21.462 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

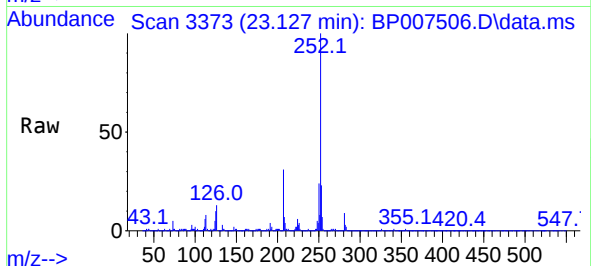
Tgt Ion:228 Resp: 829313
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 21.0 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 13.14 ng/ul
RT: 23.127 min Scan# 3373
Delta R.T. -0.018 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

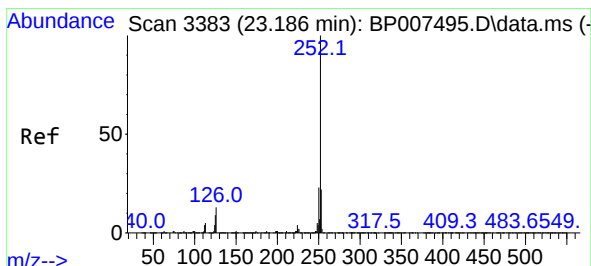
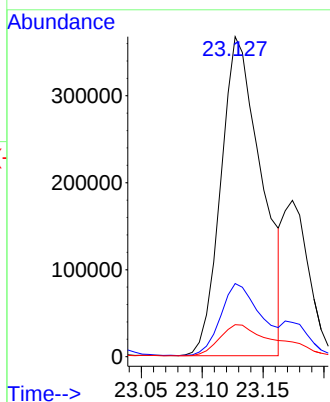
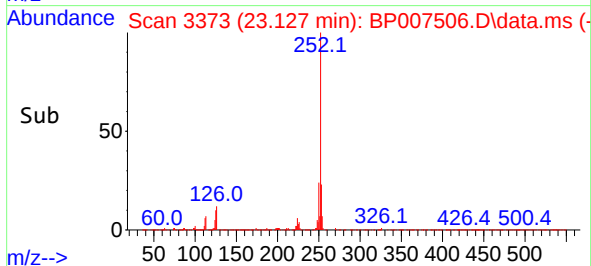
Instrument :
BNA_P
ClientSampled :
C0B23



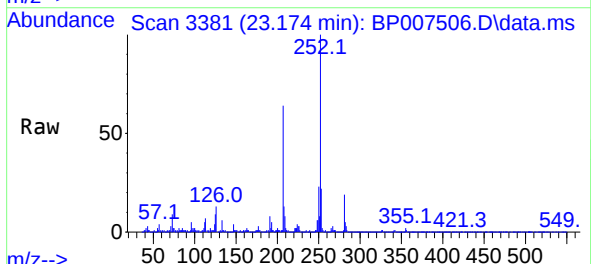
Tgt Ion:252 Resp: 853801
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.0 7.8 11.6

Manual Integrations
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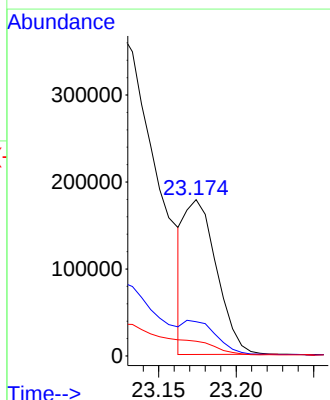
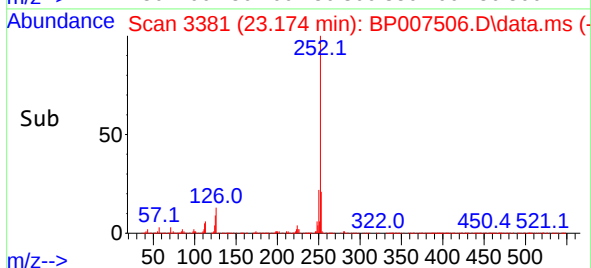
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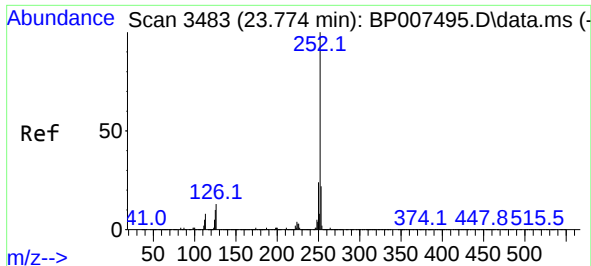


#91
Benzo(k)fluoranthene
Concen: 4.21 ng/ul
RT: 23.174 min Scan# 3381
Delta R.T. -0.024 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25



Tgt Ion:252 Resp: 255345
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.4 8.0 12.0





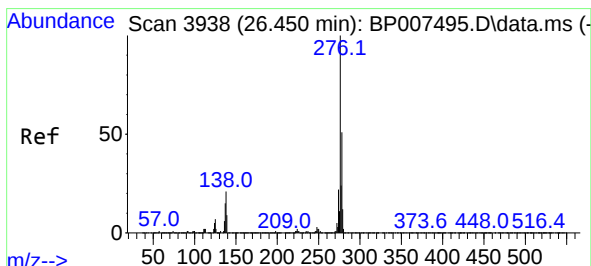
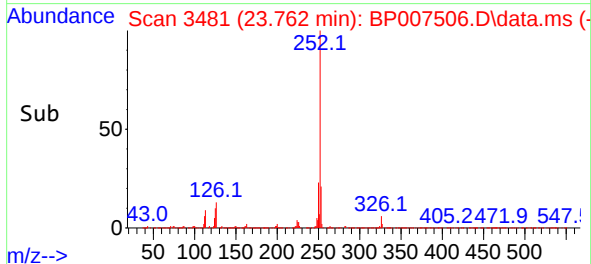
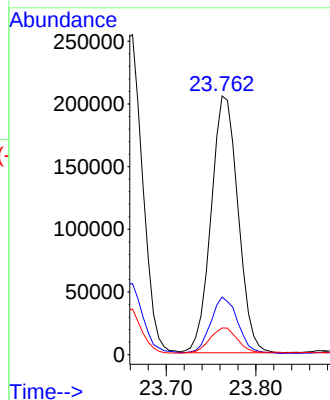
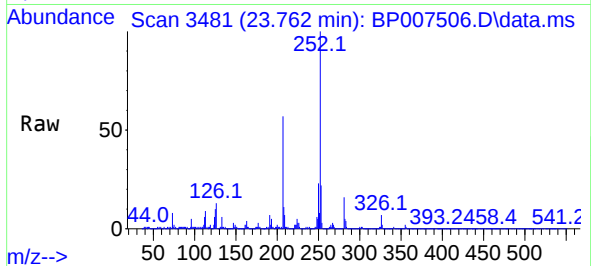
#93
Benzo(a)pyrene
Concen: 6.88 ng/ul
RT: 23.762 min Scan# 3481
Delta R.T. -0.024 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

Tgt Ion:	252	Resp:	427513
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	10.4	8.3	12.5

Instrument :
BNA_P
ClientSampled :
C0B23

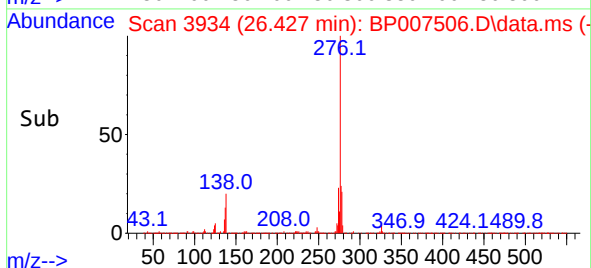
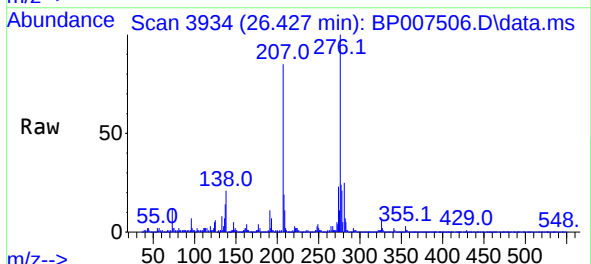
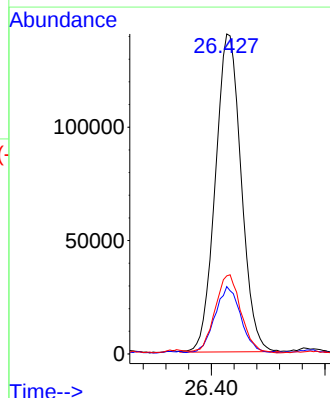
Manual Integrations
APPROVED

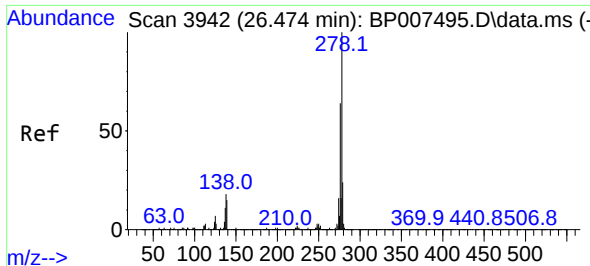
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#94
Indeno(1,2,3-cd)pyrene
Concen: 6.16 ng/ul
RT: 26.427 min Scan# 3934
Delta R.T. -0.041 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

Tgt Ion:	276	Resp:	443178
Ion Ratio	Lower	Upper	
276	100		
138	21.0	17.8	26.8
277	24.4	19.8	29.6





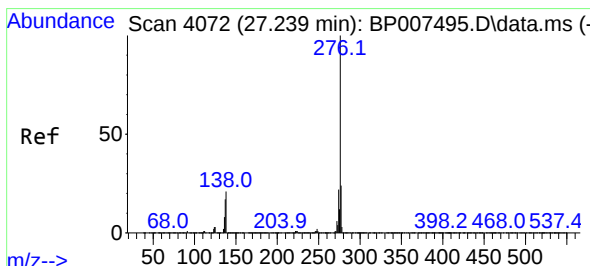
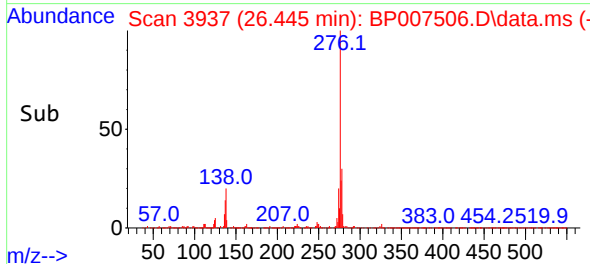
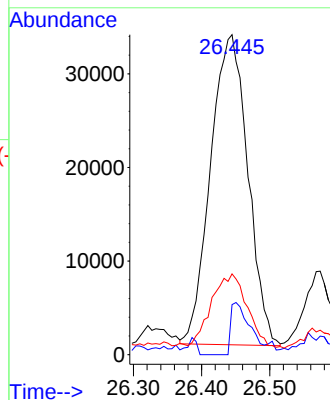
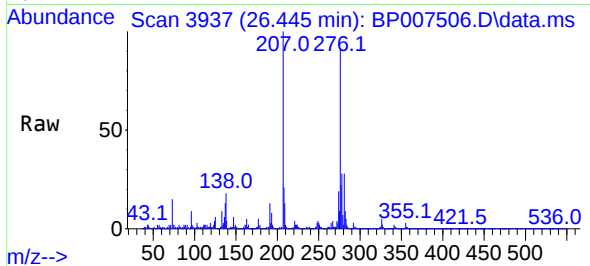
#95
Dibenzo(a,h)anthracene
Concen: 2.06 ng/ul
RT: 26.445 min Scan# 3937
Delta R.T. -0.047 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

Tgt Ion:278 Resp: 126053
Ion Ratio Lower Upper
278 100
139 15.7 12.8 19.2
279 25.3 19.1 28.7

Instrument :
BNA_P
ClientSampled :
C0B23

Manual Integrations
APPROVED

mohammad
10/20/2021 1:56:57 PM



#96
Benzo(g,h,i)perylene
Concen: 6.77 ng/ul
RT: 27.215 min Scan# 4068
Delta R.T. -0.041 min
Lab File: BP007506.D
Acq: 20 Oct 2021 00:25

Tgt Ion:276 Resp: 419736
Ion Ratio Lower Upper
276 100
138 20.5 17.5 26.3
277 25.5 18.5 27.7

