

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
 Data File : BP003876.D
 Acq On : 09 Nov 2020 19:39
 Operator : CG/JU
 Sample : L4657-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B49-110520-0-10

Manual Integrations
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Quant Time: Nov 10 00:23:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 11:33:14 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	153153	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	558330	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	329980	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	671196	20.00	ng	0.00
76) Chrysene-d12	21.674	240	632483	20.00	ng	0.00
86) Perylene-d12	24.162	264	649422	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	824528	89.85	ng	0.00
7) Phenol-d6	7.463	99	1018999	77.36	ng	0.00
23) Nitrobenzene-d5	9.463	82	662774	58.14	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	370023	89.65	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	1416233	60.00	ng	0.00
79) Terphenyl-d14	20.139	244	1811155	55.32	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.339	163	217145	8.42	ng	100
71) Phenanthrene	17.686	178	247016	6.56	ng	98
75) Fluoranthene	19.616	202	419918	9.66	ng	99
78) Pyrene	19.963	202	423208	9.86	ng	99
81) Benzo(a)anthracene	21.657	228	216604	5.19	ng	# 95
83) Chrysene	21.710	228	215524	5.38	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.727	276	176779	3.77	ng	# 93
88) Benzo(b)fluoranthene	23.404	252	300045m	7.06	ng	
89) Benzo(k)fluoranthene	23.439	252	95789m	2.28	ng	
90) Benzo(a)pyrene	24.051	252	251169	6.38	ng	# 89
92) Benzo(g,h,i)perylene	27.527	276	210754	5.58	ng	# 93

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

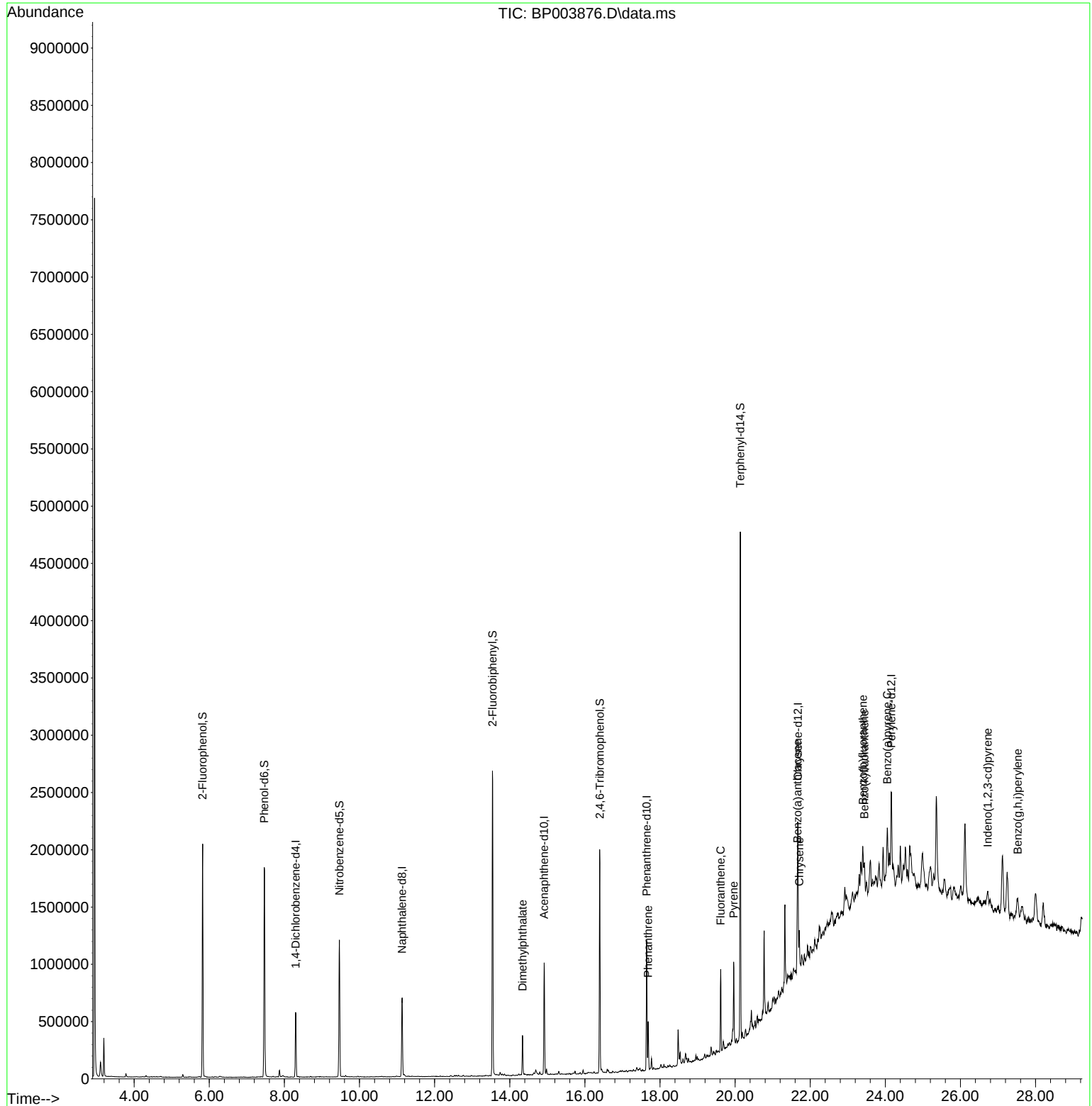
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
Data File : BP003876.D
Acq On : 09 Nov 2020 19:39
Operator : CG/JU
Sample : L4657-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

Manual Integrations
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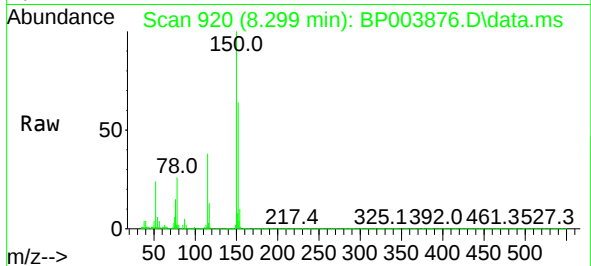
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.299 min Scan# 920
Delta R.T. -0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

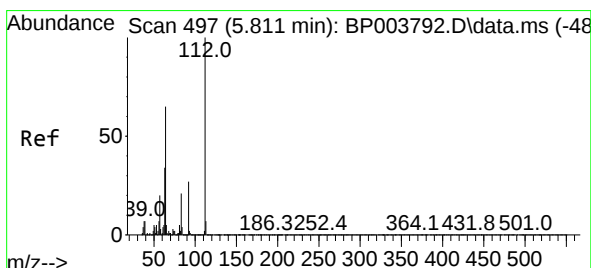
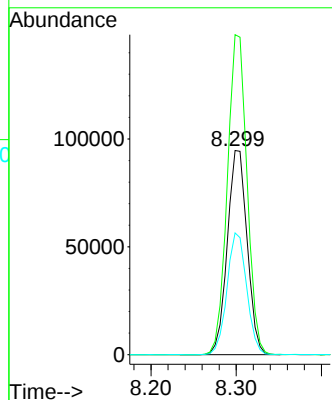
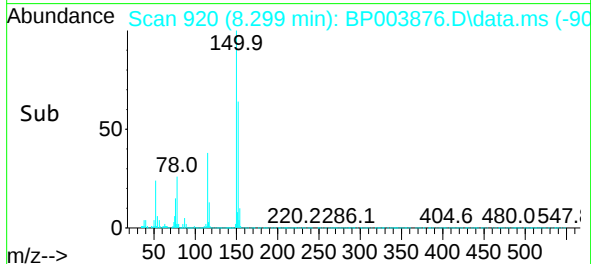
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10



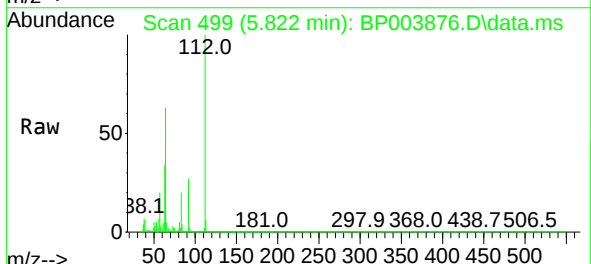
Tgt Ion:152 Resp: 153153
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.6
115 59.7 43.8 65.6

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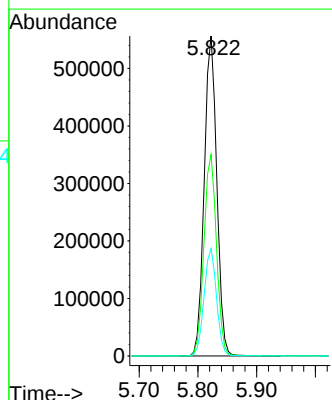
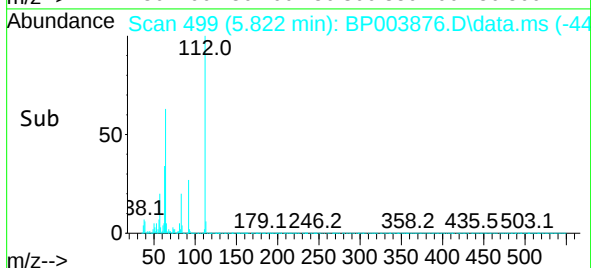
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#5
2-Fluorophenol
Concen: 89.85 ng
RT: 5.822 min Scan# 499
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39



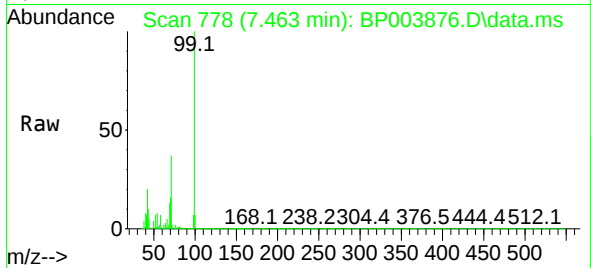
Tgt Ion:112 Resp: 824528
Ion Ratio Lower Upper
112 100
64 62.9 32.8 49.2#
63 33.6 17.0 25.4#





#7
Phenol-d6
Concen: 77.36 ng
RT: 7.463 min Scan# 778
Delta R.T. -0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

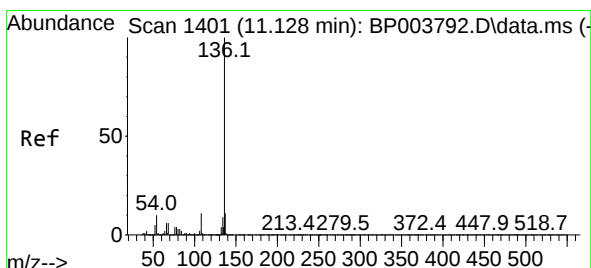
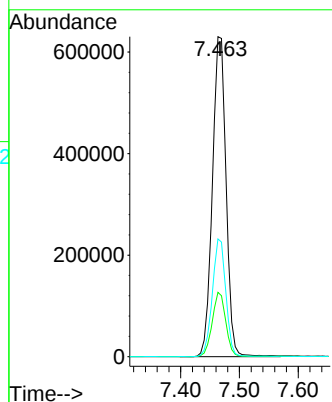
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10



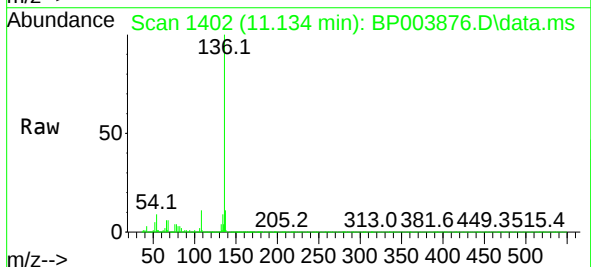
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Ion Ratio Lower Upper
99 100
42 20.1 8.6 13.0#
71 36.8 23.4 35.2#

Manual Integrations
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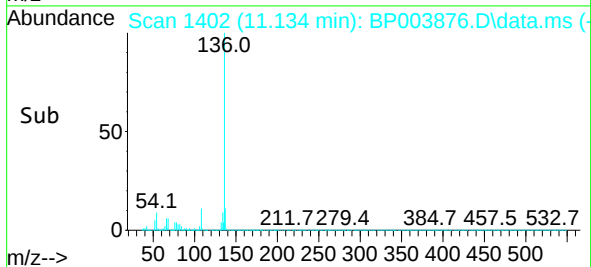
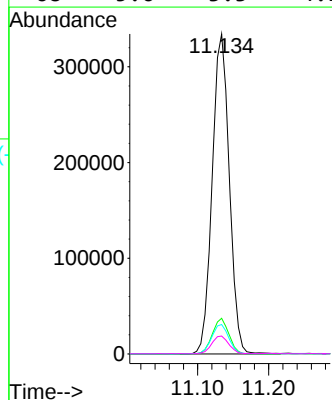
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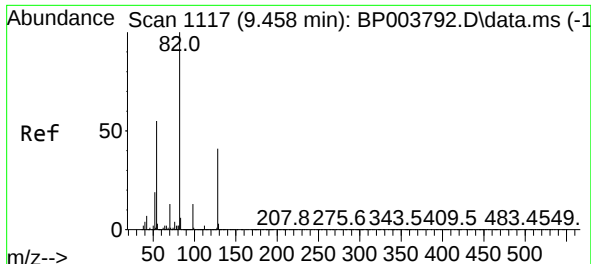


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.134 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39



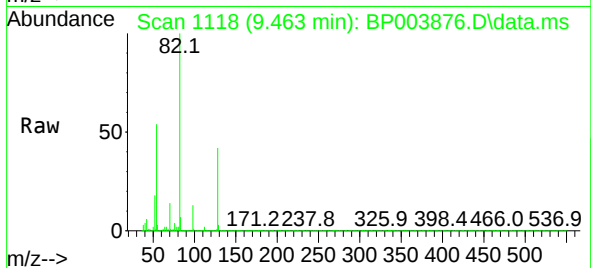
Tgt Ion: 136 Resp: 558330
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.2 3.6 5.4#
68 5.6 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 58.14 ng
RT: 9.463 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

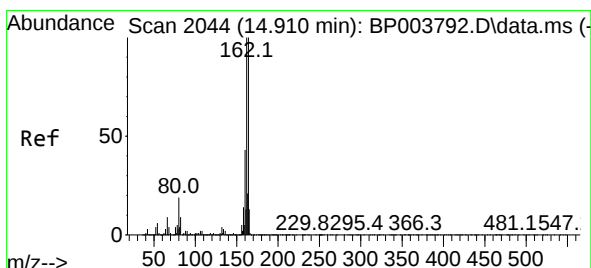
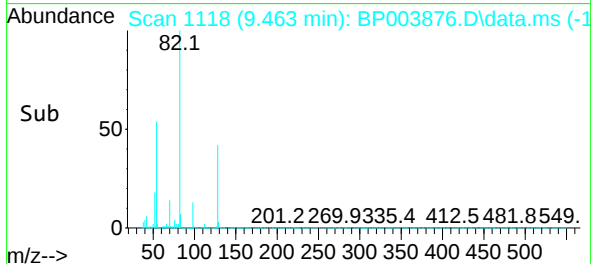
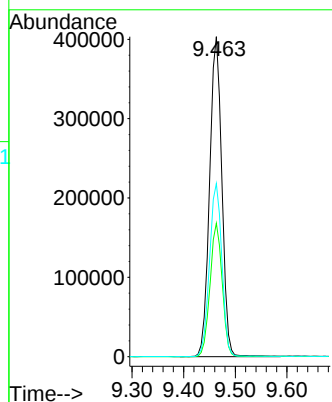
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10



Tgt Ion: 82 Resp: 662774
Ion Ratio Lower Upper
82 100
128 41.7 45.6 68.4#
54 54.1 30.1 45.1#

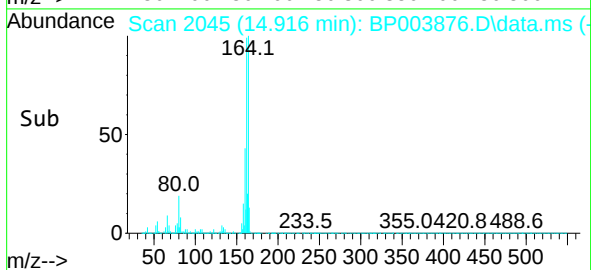
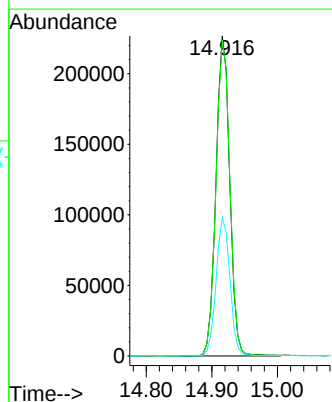
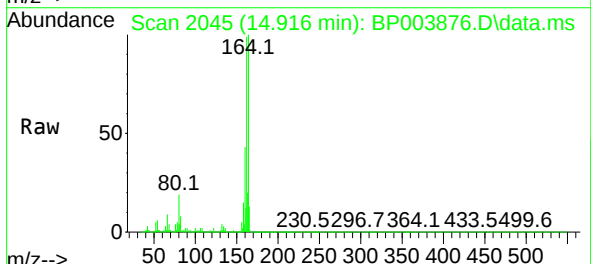
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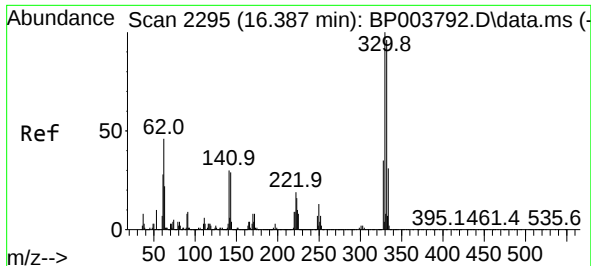
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.916 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

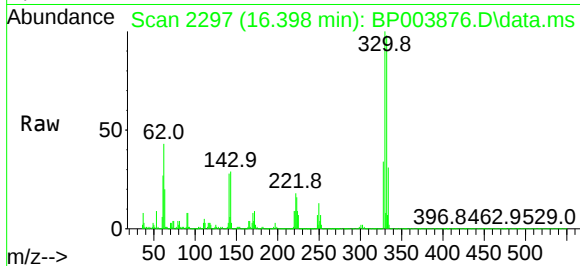
Tgt Ion: 164 Resp: 329980
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.2
160 43.3 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 89.65 ng
RT: 16.398 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

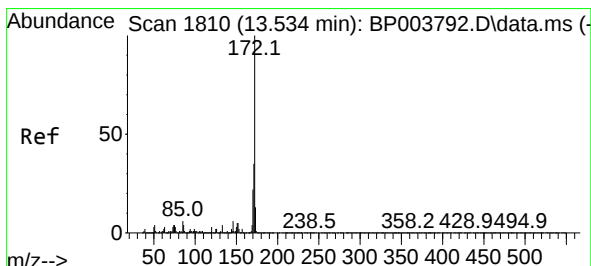
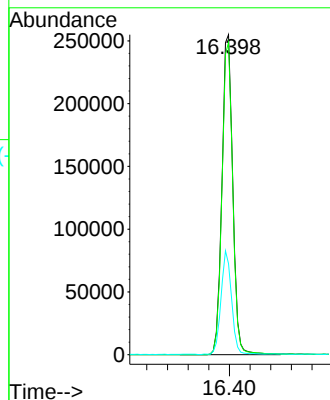
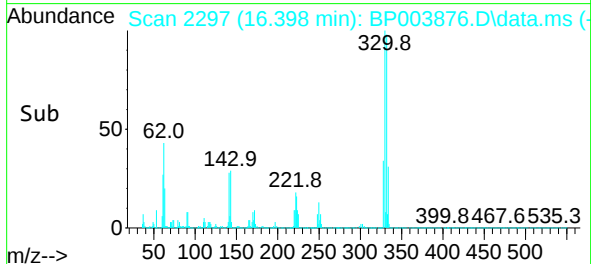
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10



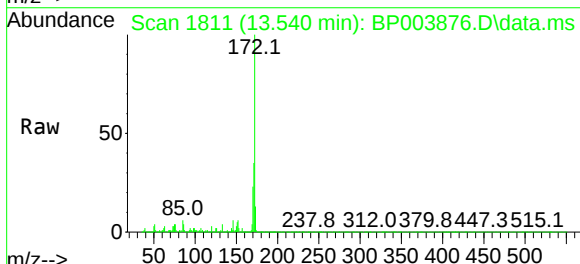
Tgt Ion:330 Resp: 370023
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.6 23.4 35.2

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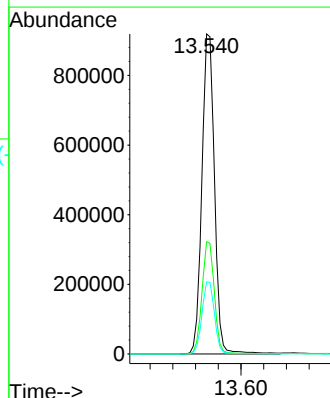
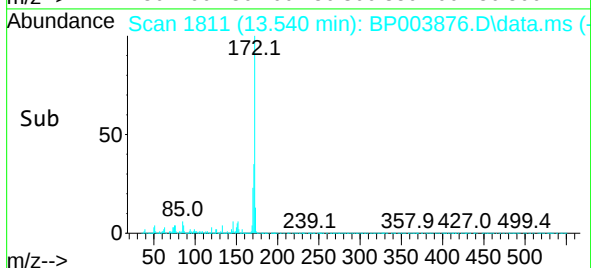
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#45
2-Fluorobiphenyl
Concen: 60.00 ng
RT: 13.540 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39



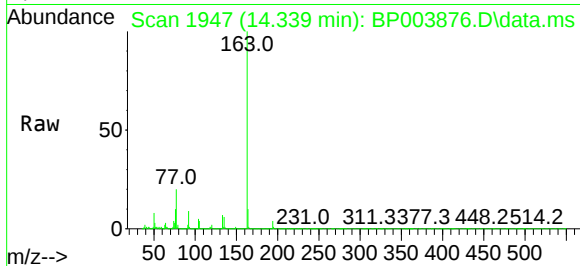
Tgt Ion:172 Resp: 1416233
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.5 19.2 28.8





#50
Dimethylphthalate
Concen: 8.42 ng
RT: 14.339 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

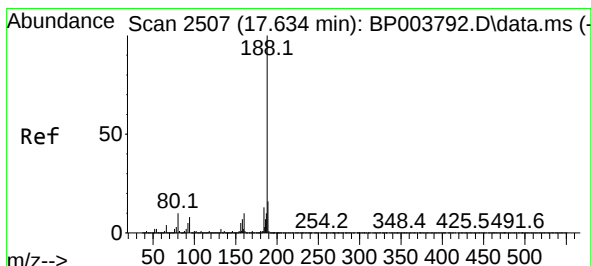
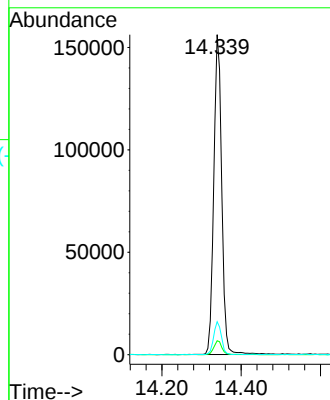
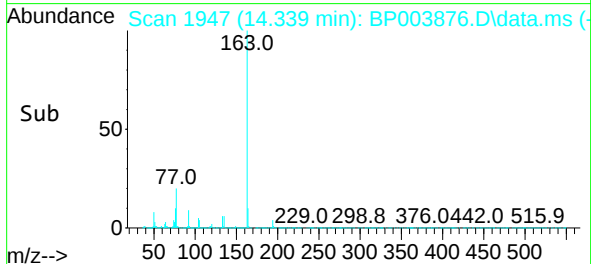
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ClientSampleId :
PAV-B49-110520-0-10



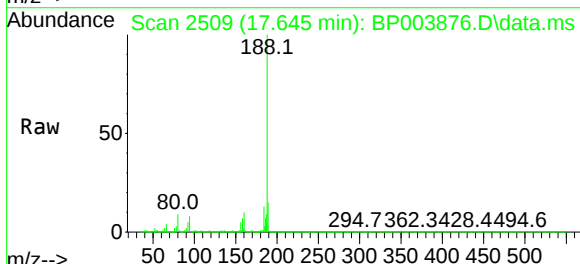
Tgt Ion:163 Resp: 217145
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.3 8.2 12.2

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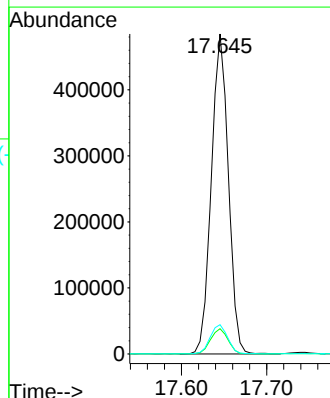
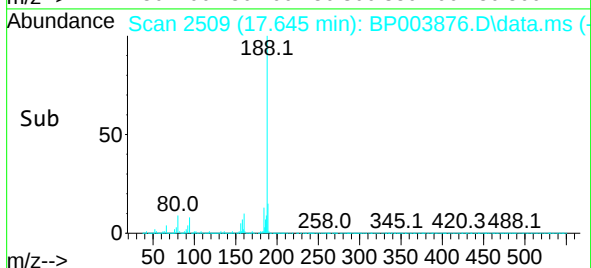
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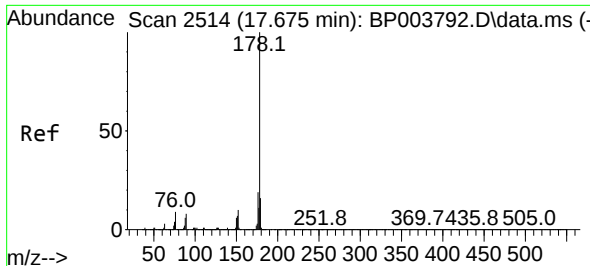


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.645 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39



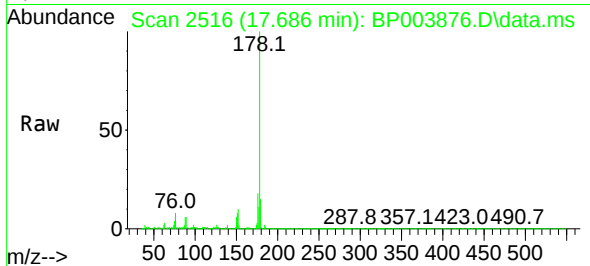
Tgt Ion:188 Resp: 671196
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 9.2 6.2 9.2





#71
Phenanthrene
Concen: 6.56 ng
RT: 17.686 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

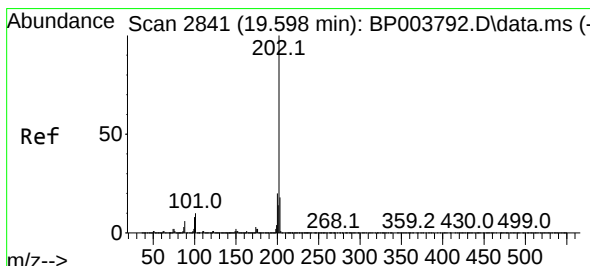
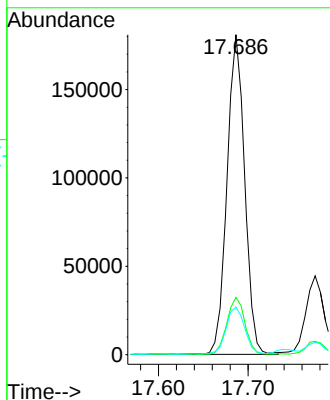
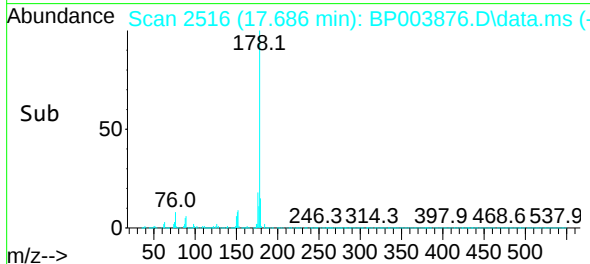
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BNA_P
ClientSampleId :
PAV-B49-110520-0-10



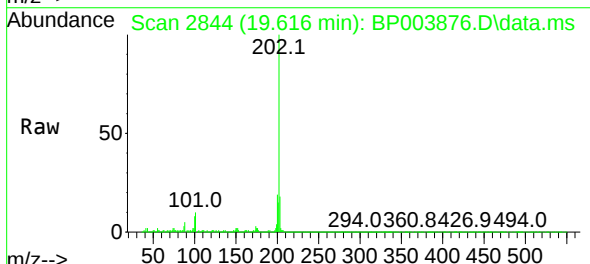
Tgt Ion:178 Resp: 247016
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 14.9 12.5 18.7

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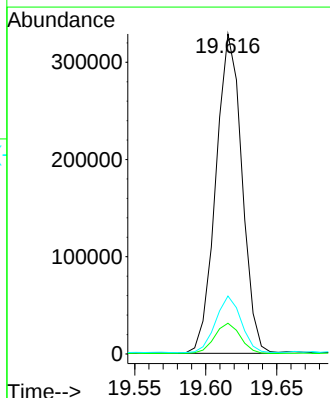
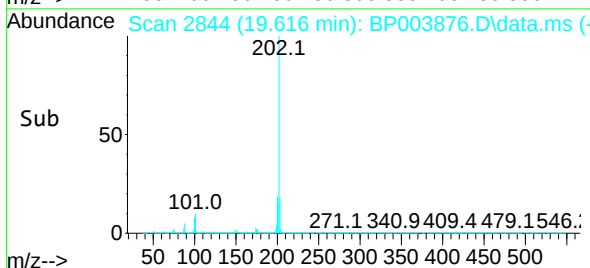
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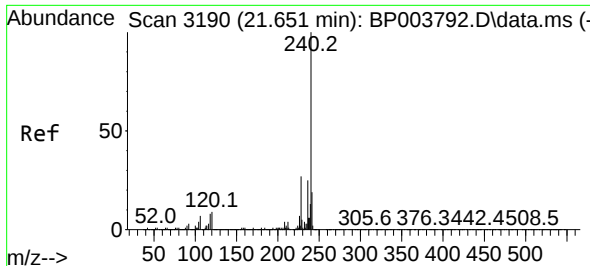


#75
Fluoranthene
Concen: 9.66 ng
RT: 19.616 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39



Tgt Ion:202 Resp: 419918
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.4
203 18.1 0.0 37.8





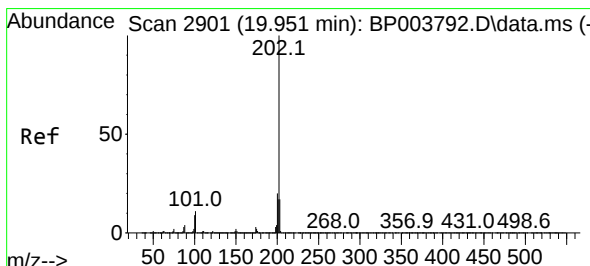
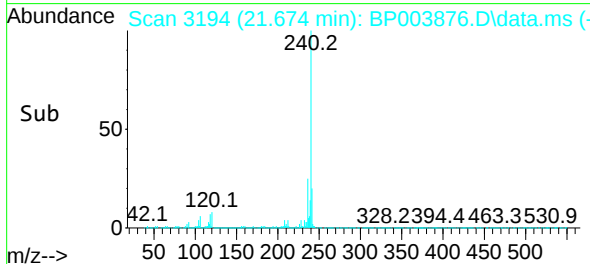
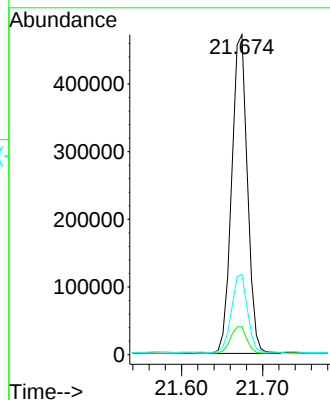
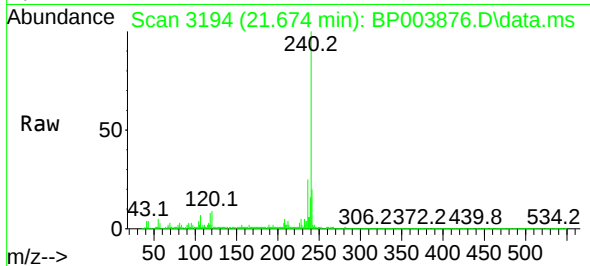
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.674 min Scan# 3194
Delta R.T. 0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

Tgt Ion:240 Resp: 632483
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 25.1 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

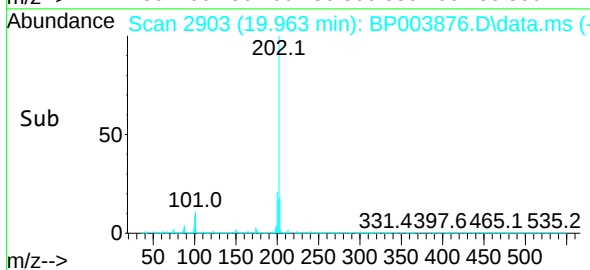
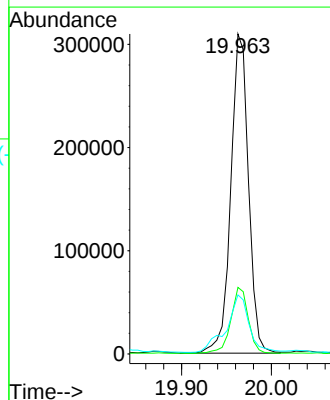
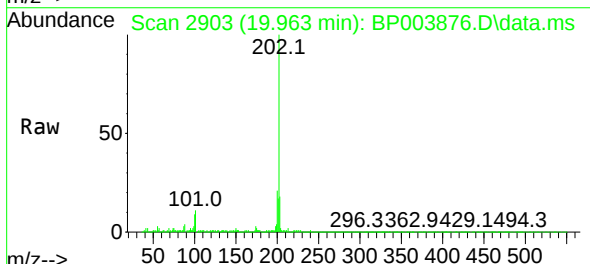
Manual Integrations
APPROVED

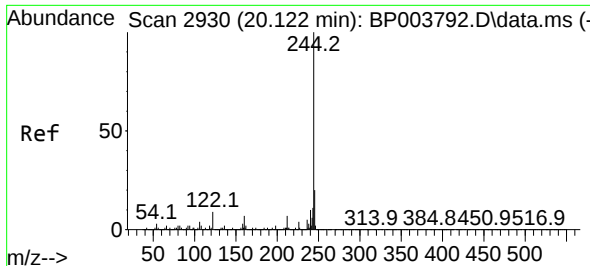
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#78
Pyrene
Concen: 9.86 ng
RT: 19.963 min Scan# 2903
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

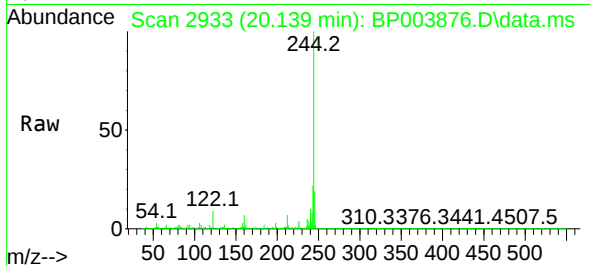
Tgt Ion:202 Resp: 423208
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 18.4 14.2 21.2





#79
Terphenyl-d14
Concen: 55.32 ng
RT: 20.139 min Scan# 2933
Delta R.T. 0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

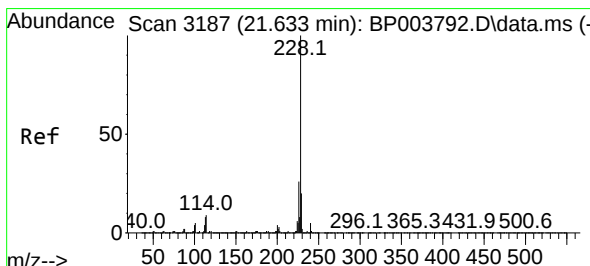
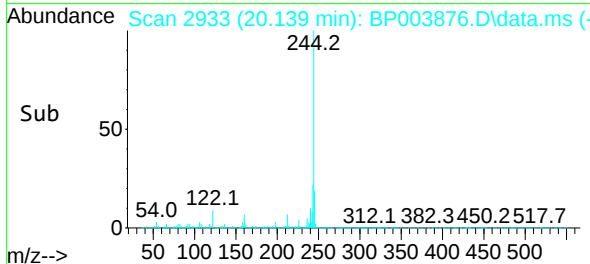
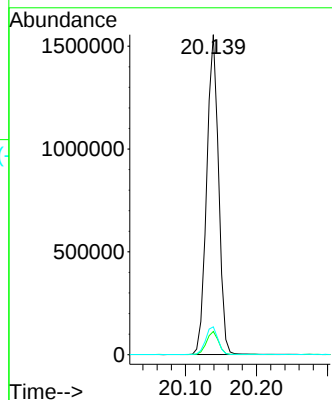
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10



Tgt Ion:244 Resp: 1811155
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.7 7.8 11.8

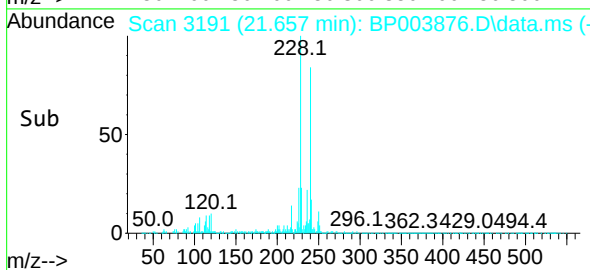
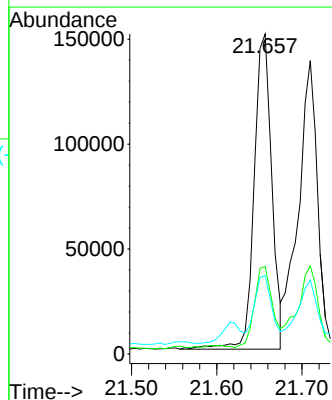
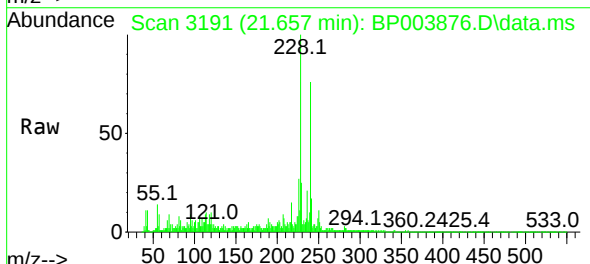
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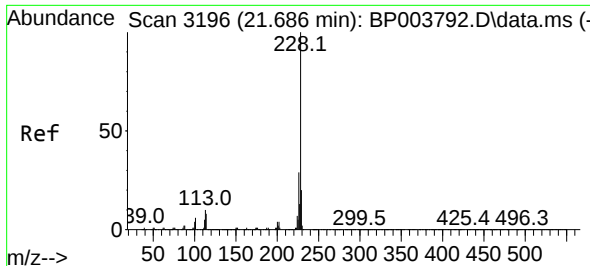
mohammad
11/10/2020 12:00:36 PM



#81
Benzo(a)anthracene
Concen: 5.19 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

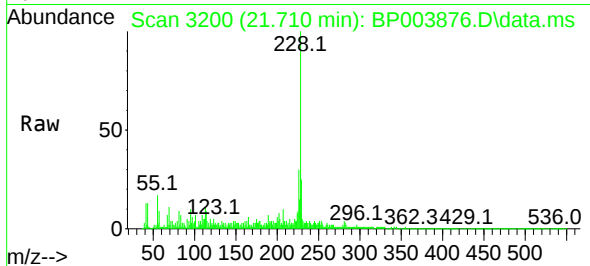
Tgt Ion:228 Resp: 216604
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 24.5 15.9 23.9#





#83
Chrysene
Concen: 5.38 ng
RT: 21.710 min Scan# 3200
Delta R.T. 0.006 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

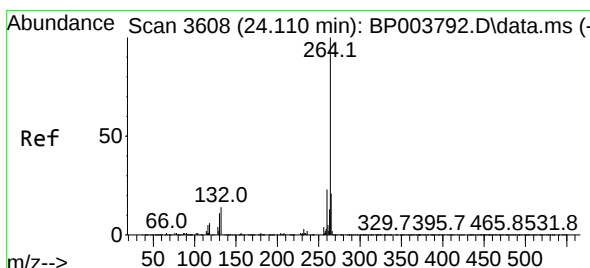
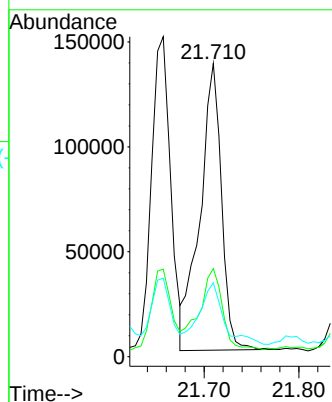
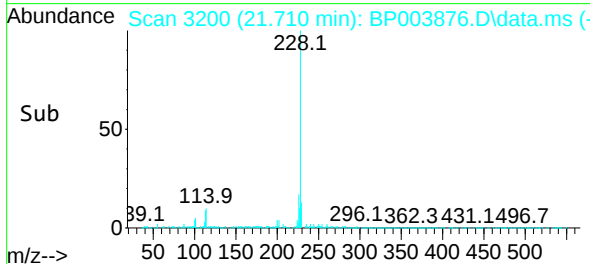
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10



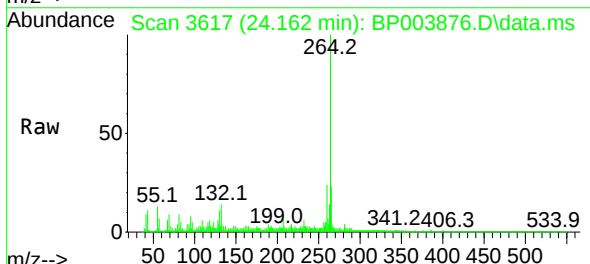
Tgt Ion:228 Resp: 215524
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 25.2 15.8 23.6#

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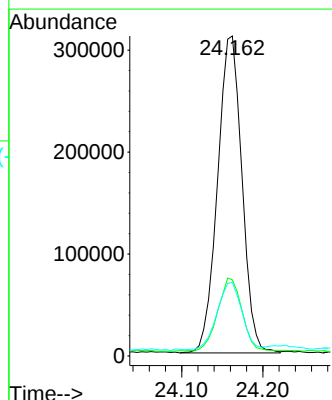
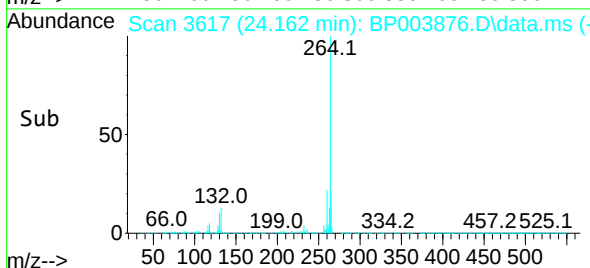
mohammad
11/10/2020 12:00:36 PM

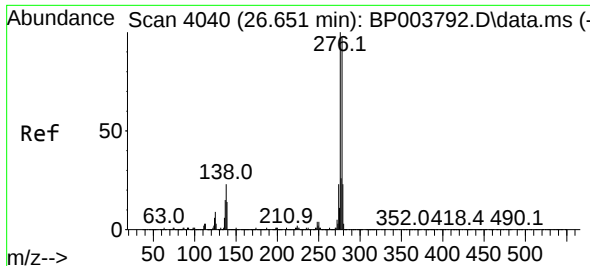


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.162 min Scan# 3617
Delta R.T. 0.018 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39



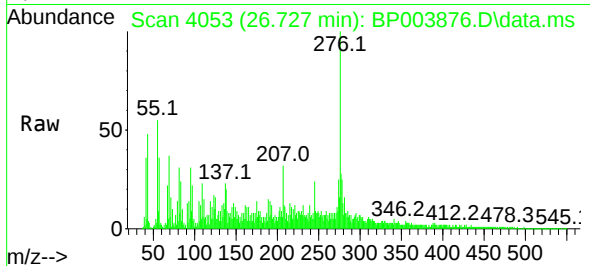
Tgt Ion:264 Resp: 649422
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 23.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.77 ng
RT: 26.727 min Scan# 4053
Delta R.T. 0.023 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

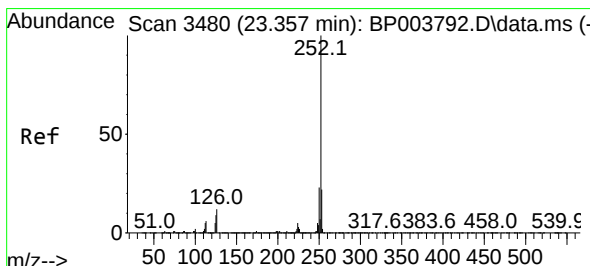
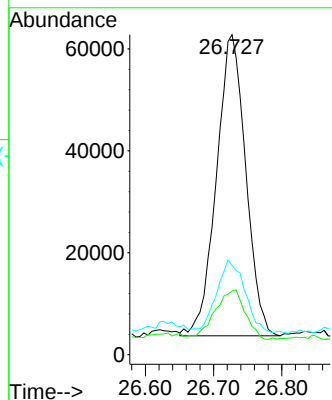
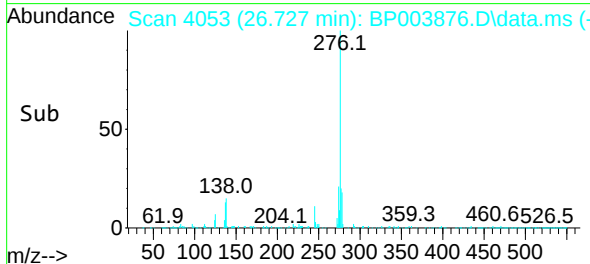
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10



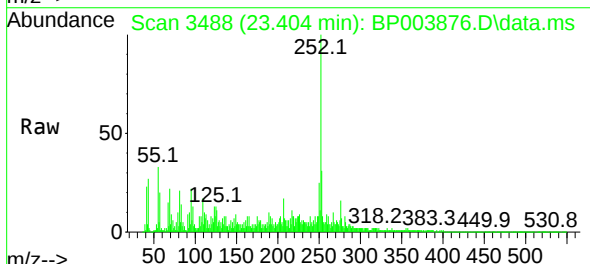
Tgt Ion: 276 Resp: 176779
Ion Ratio Lower Upper
276 100
138 17.1 18.7 28.1#
277 24.3 20.4 30.6

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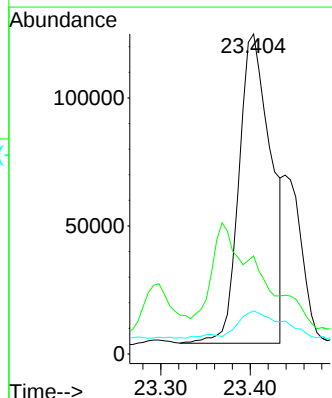
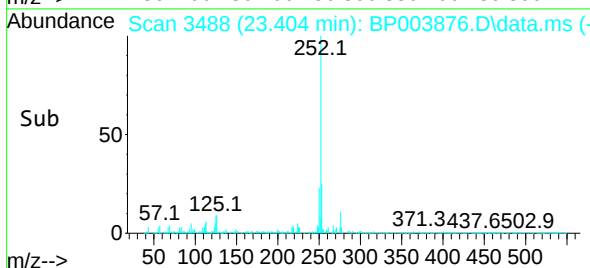
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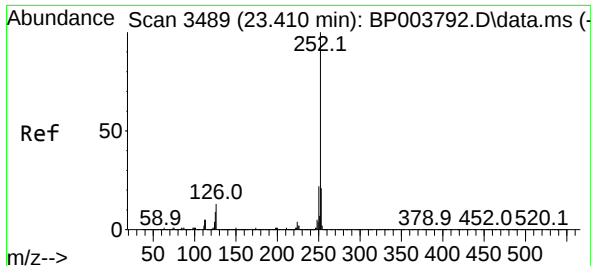


#88
Benzo(b)fluoranthene
Concen: 7.06 ng m
RT: 23.404 min Scan# 3488
Delta R.T. 0.012 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39



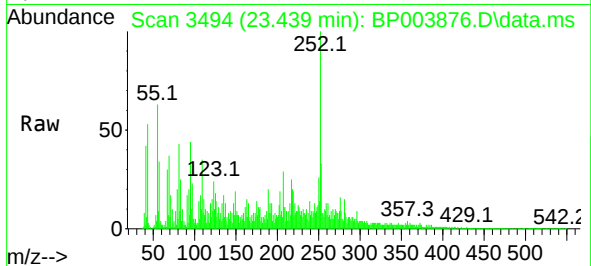
Tgt Ion: 252 Resp: 300045
Ion Ratio Lower Upper
252 100
253 30.7 17.6 26.4#
125 13.4 7.3 10.9#





#89
Benzo(k)fluoranthene
Concen: 2.28 ng m
RT: 23.439 min Scan# 3494
Delta R.T. -0.000 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39

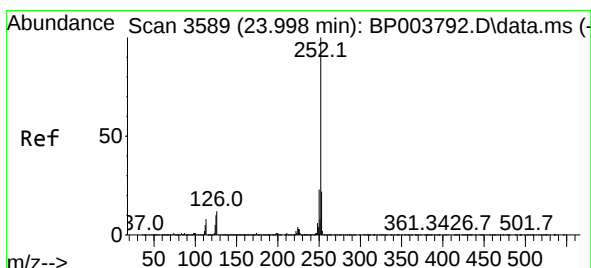
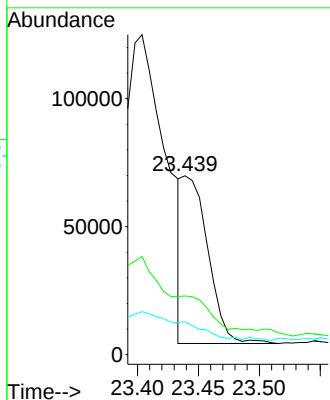
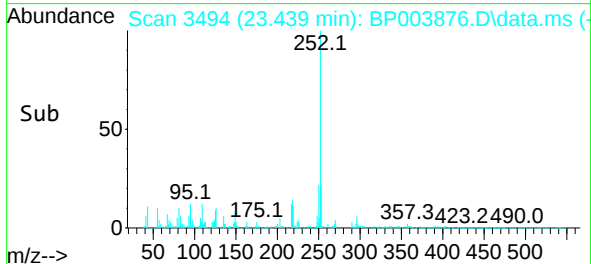
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10



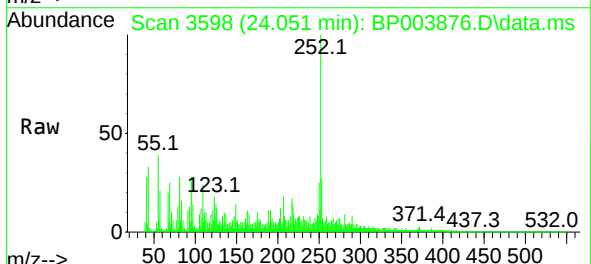
Tgt Ion:252 Resp: 95789
Ion Ratio Lower Upper
252 100
253 32.8 17.8 26.8#
125 18.4 7.4 11.2#

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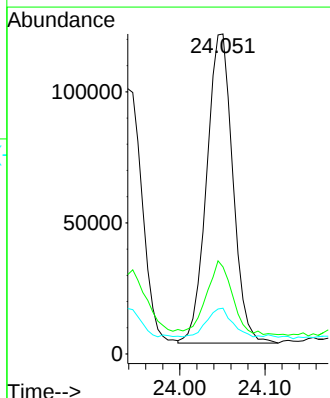
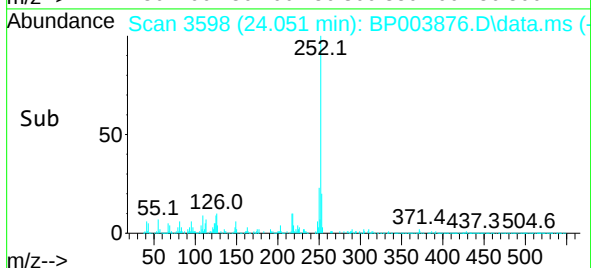
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11/10/2020 12:00:36 PM

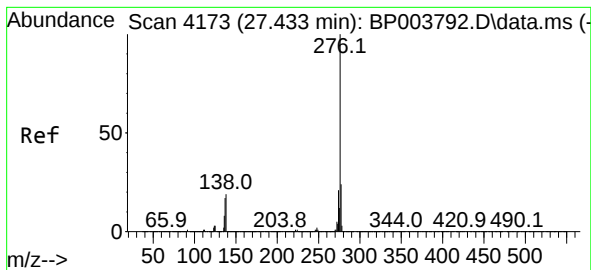


#90
Benzo(a)pyrene
Concen: 6.38 ng
RT: 24.051 min Scan# 3598
Delta R.T. 0.018 min
Lab File: BP003876.D
Acq: 09 Nov 2020 19:39



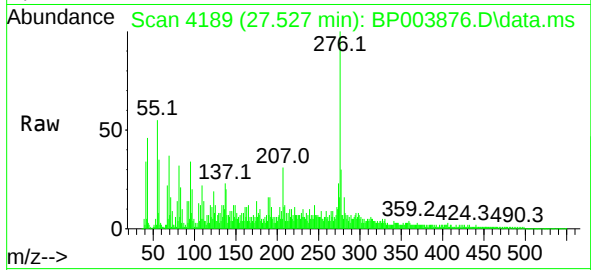
Tgt Ion:252 Resp: 251169
Ion Ratio Lower Upper
252 100
253 27.2 17.4 26.0#
125 14.3 8.2 12.4#





#92
 Benzo(g,h,i)perylene
 Concen: 5.58 ng
 RT: 27.527 min Scan# 4189
 Delta R.T. 0.035 min
 Lab File: BP003876.D
 Acq: 09 Nov 2020 19:39

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B49-110520-0-10



Tgt Ion: 276 Resp: 210754
 Ion Ratio Lower Upper
 276 100
 277 29.7 19.0 28.6#
 138 20.2 16.6 24.8

Manual Integrations
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