

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
 Data File : BP003983.D
 Acq On : 17 Nov 2020 19:36
 Operator : CG/JU
 Sample : L4768-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-111620

Manual Integrations
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mohammad
 11/19/2020 10:31:39 AM

Quant Time: Nov 18 02:10:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	146131	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	580845	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	347315	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	699496	20.00	ng	# 0.00
76) Chrysene-d12	21.674	240	618617	20.00	ng	0.00
86) Perylene-d12	24.162	264	647576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	944983	107.93	ng	0.00
7) Phenol-d6	7.457	99	1258640	100.14	ng	0.00
23) Nitrobenzene-d5	9.446	82	802781	67.69	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	417714	96.16	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1613856	64.96	ng	0.00
79) Terphenyl-d14	20.139	244	1866082	58.28	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.328	163	379221	13.97	ng	99
71) Phenanthrene	17.680	178	118186	3.01	ng	98
75) Fluoranthene	19.616	202	208939	4.61	ng	98
78) Pyrene	19.963	202	201327	4.80	ng	98
81) Benzo(a)anthracene	21.657	228	93668	2.30	ng	98
83) Chrysene	21.710	228	107441	2.74	ng	96
88) Benzo(b)fluoranthene	23.410	252	145675m	3.44	ng	
90) Benzo(a)pyrene	24.051	252	102474	2.61	ng	# 90

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

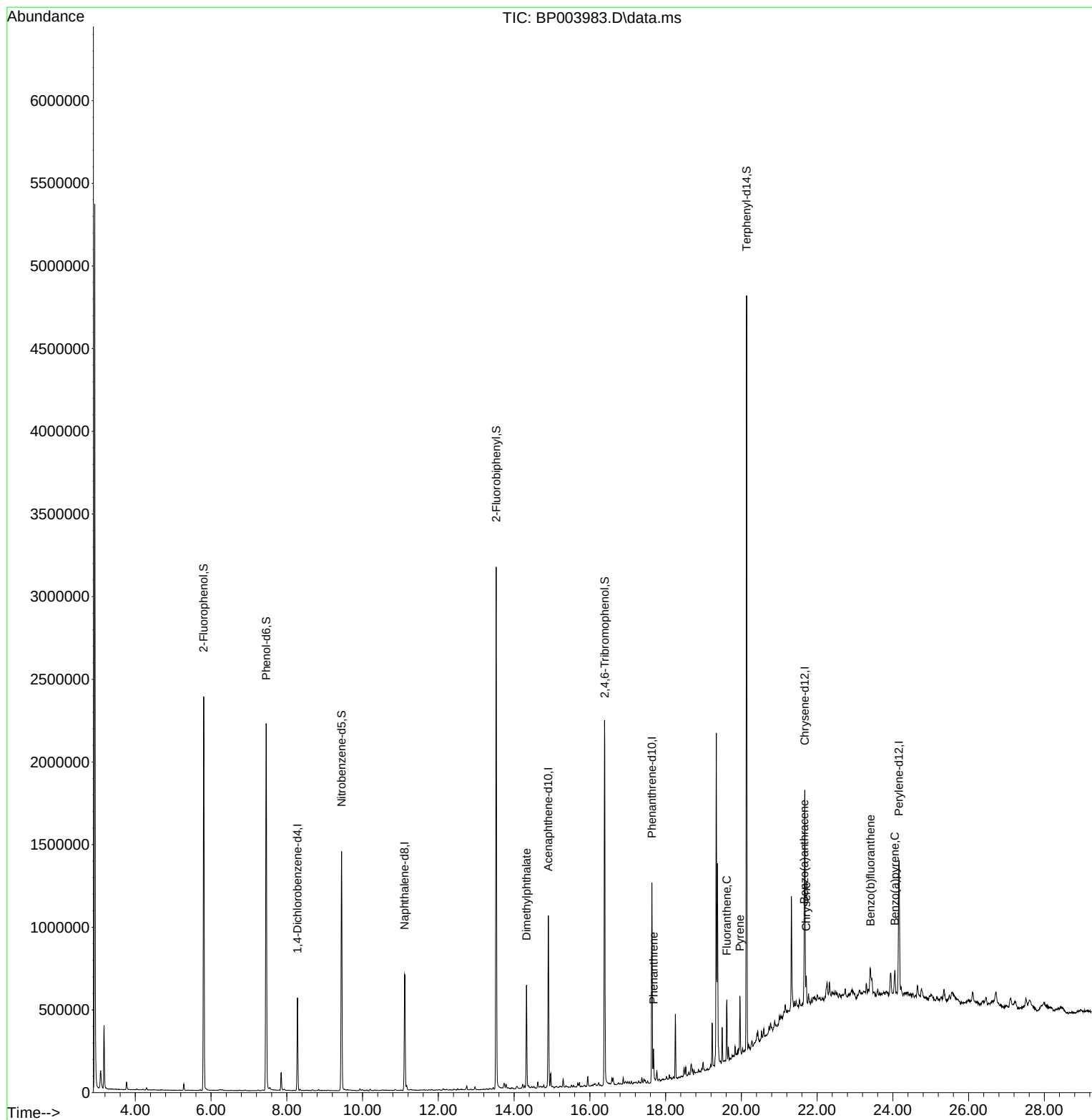
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003983.D
Acq On : 17 Nov 2020 19:36
Operator : CG/JU
Sample : L4768-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

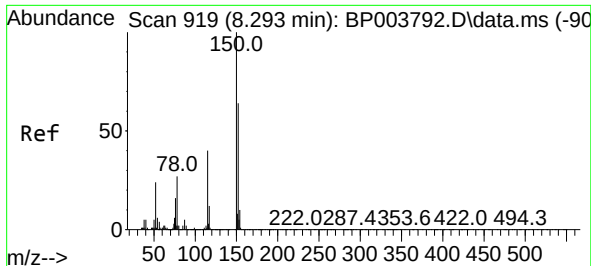
Instrument :
BNA_P
ClientSampleId :
TR-05-111620

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Quant Time: Nov 18 02:10:37 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration





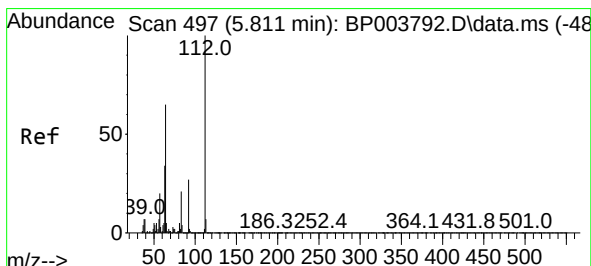
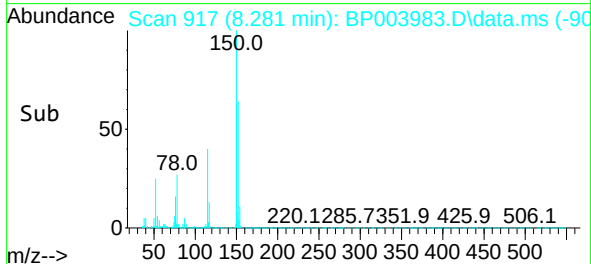
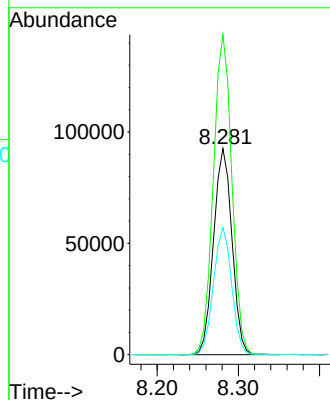
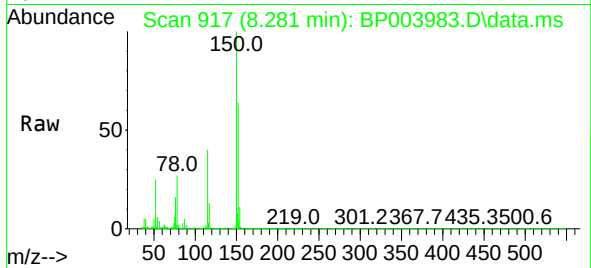
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

Tgt Ion:152 Resp: 146131
Ion Ratio Lower Upper
152 100
150 155.2 123.8 185.6
115 61.7 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
TR-05-111620

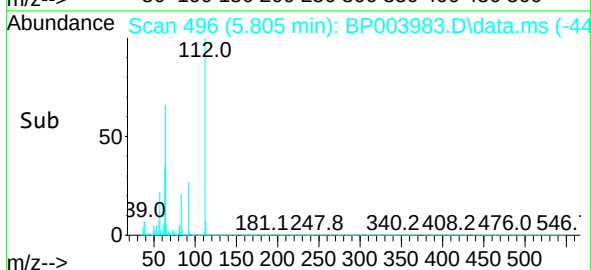
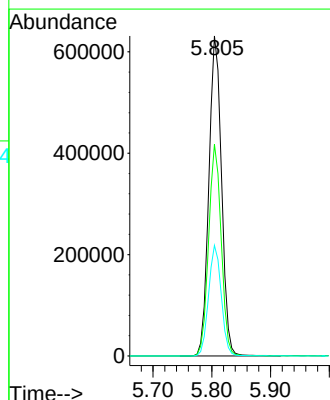
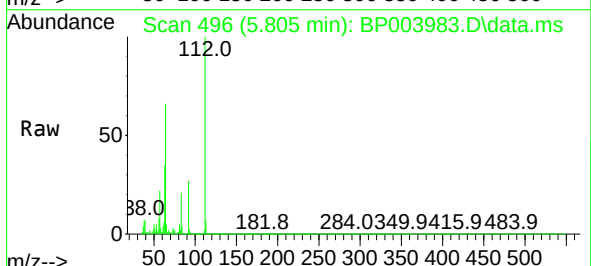
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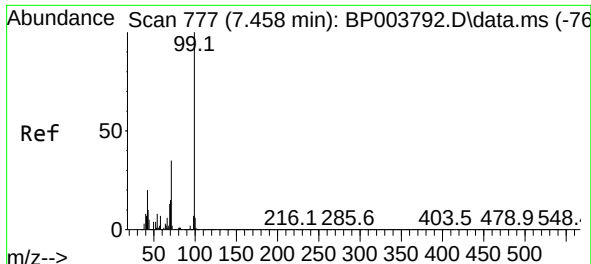
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#5
2-Fluorophenol
Concen: 107.93 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.000 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

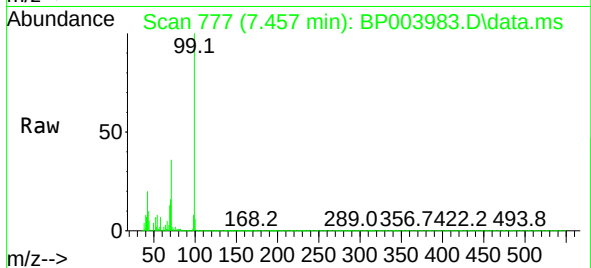
Tgt Ion:112 Resp: 944983
Ion Ratio Lower Upper
112 100
64 66.1 32.8 49.2#
63 34.5 17.0 25.4#





#7
Phenol-d6
Concen: 100.14 ng
RT: 7.457 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

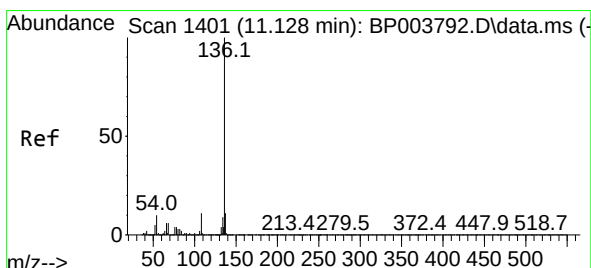
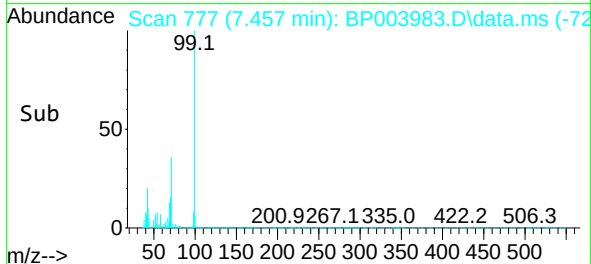
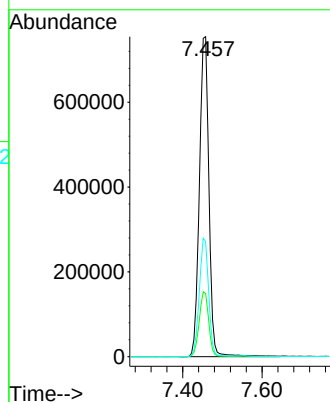
Instrument :
BNA_P
ClientSampleId :
TR-05-111620



Tgt Ion: 99 Resp: 1258640
Ion Ratio Lower Upper
99 100
42 19.8 8.6 13.0#
71 36.0 23.4 35.2#

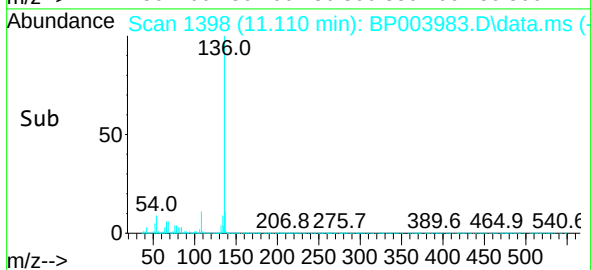
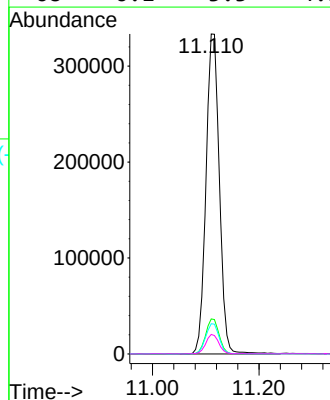
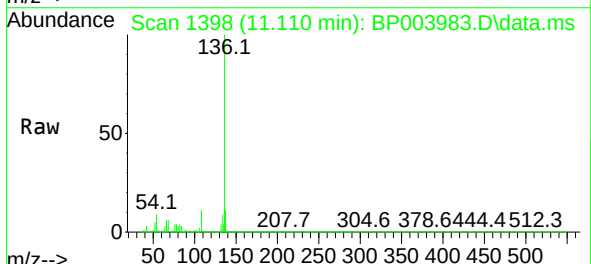
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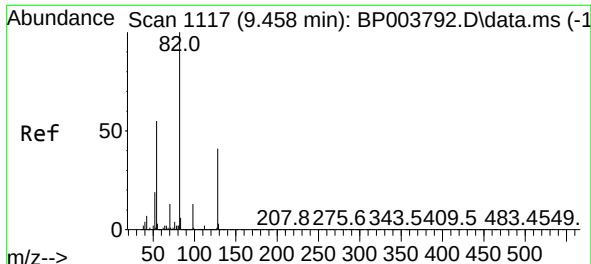
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

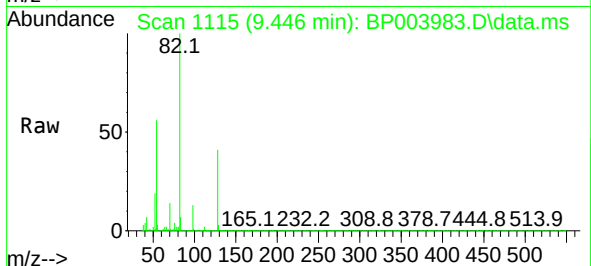
Tgt Ion: 136 Resp: 580845
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.5 3.6 5.4#
68 6.1 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 67.69 ng
RT: 9.446 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

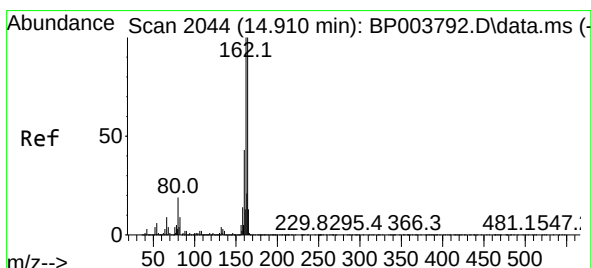
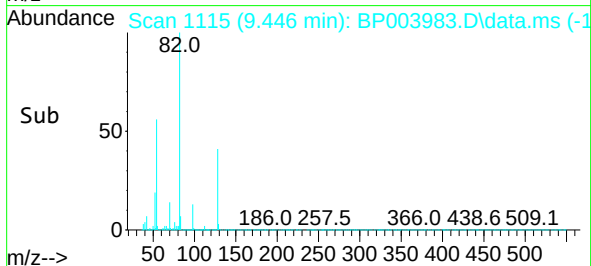
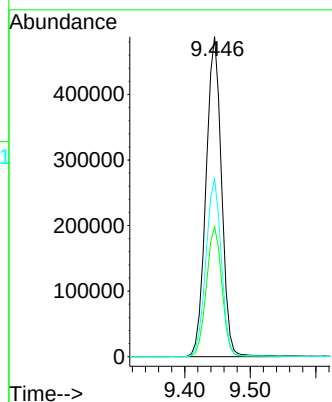
Instrument :
BNA_P
ClientSampleId :
TR-05-111620



Tgt Ion: 82 Resp: 802781
Ion Ratio Lower Upper
82 100
128 40.6 45.6 68.4#
54 55.6 30.1 45.1#

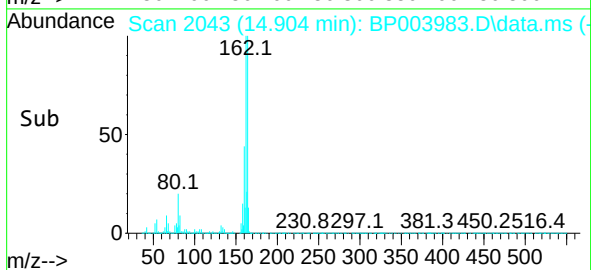
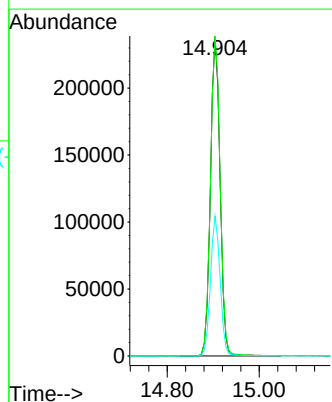
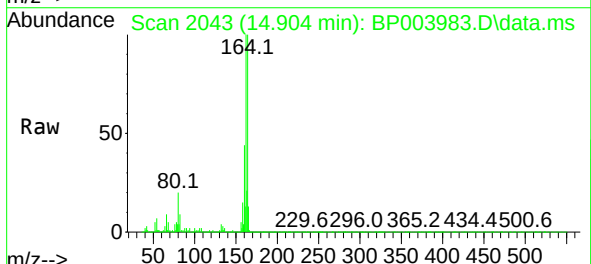
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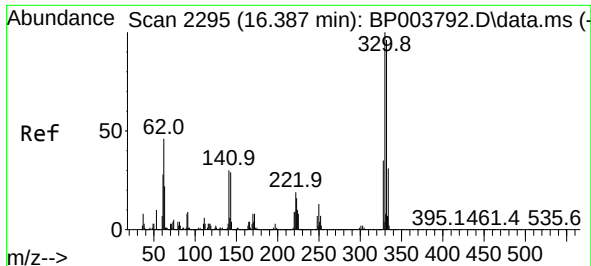
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

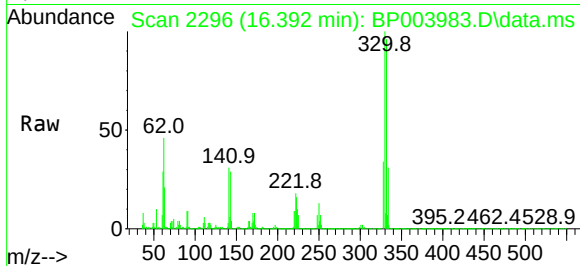
Tgt Ion: 164 Resp: 347315
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 43.9 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 96.16 ng
RT: 16.392 min Scan# 2296
Delta R.T. -0.000 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

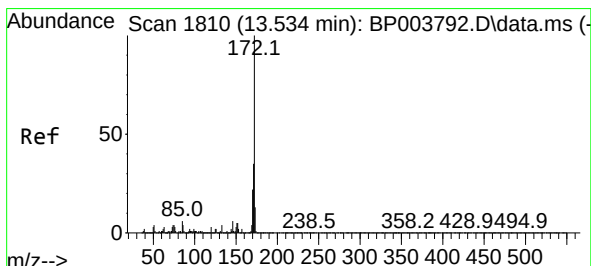
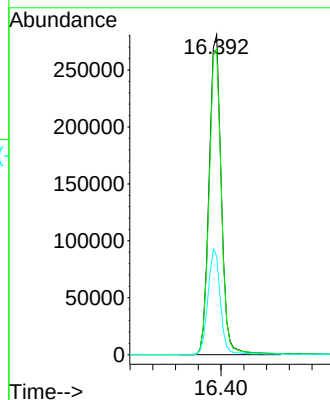
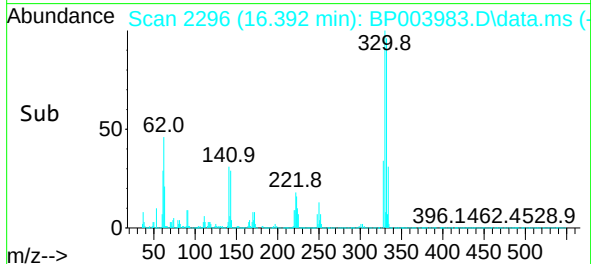
Instrument :
BNA_P
ClientSampleId :
TR-05-111620



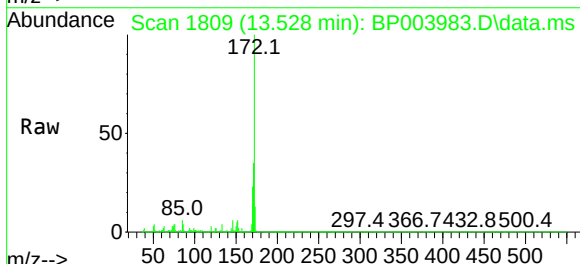
Tgt Ion: 330 Resp: 417714
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 33.4 23.4 35.2

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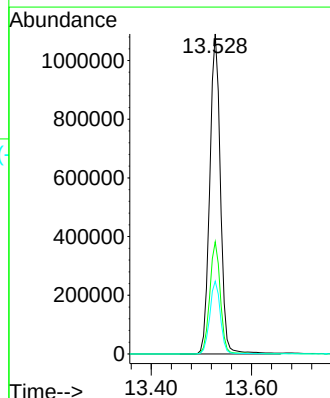
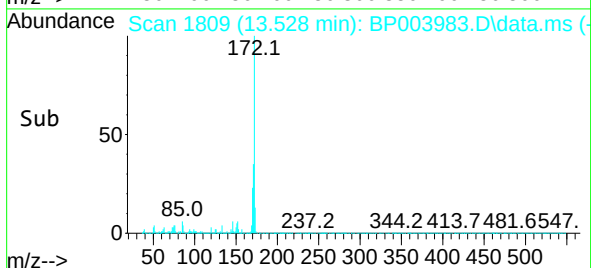
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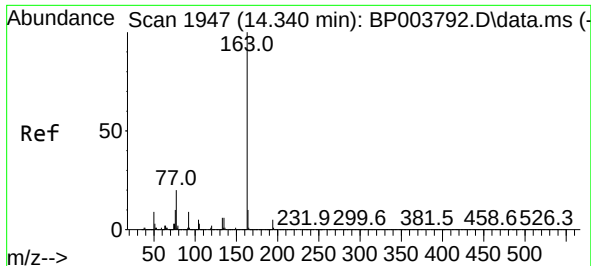


#45
2-Fluorobiphenyl
Concen: 64.96 ng
RT: 13.528 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36



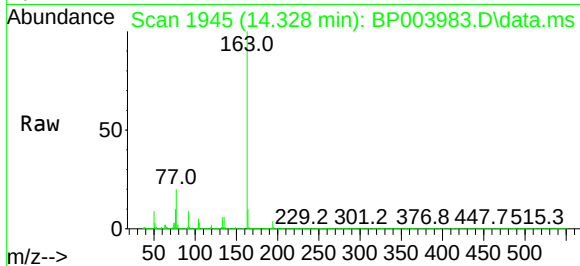
Tgt Ion: 172 Resp: 1613856
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.8 19.2 28.8





#50
Dimethylphthalate
Concen: 13.97 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

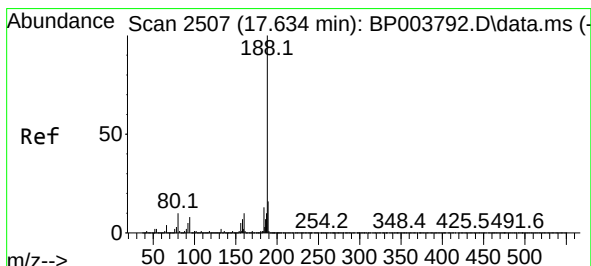
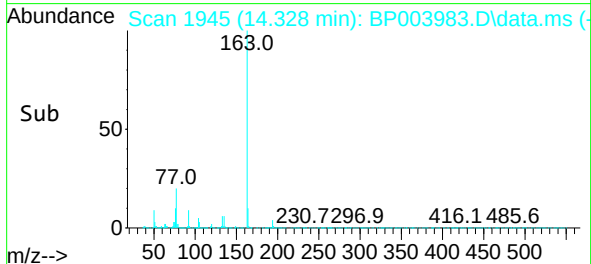
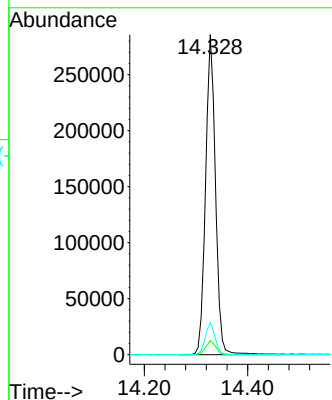
Instrument :
BNA_P
ClientSampleId :
TR-05-111620



Tgt Ion:163 Resp: 379221
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.0 8.2 12.2

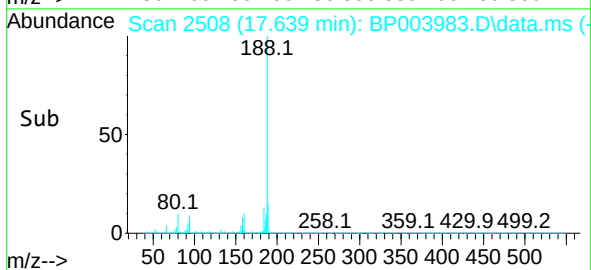
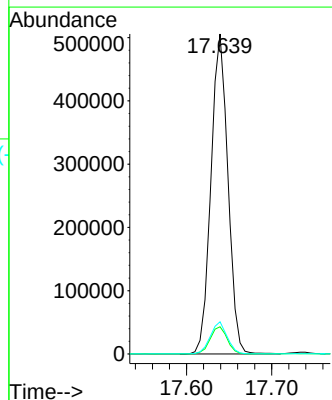
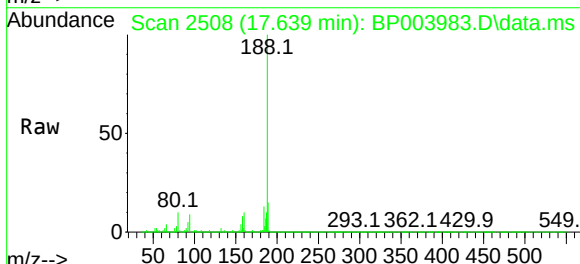
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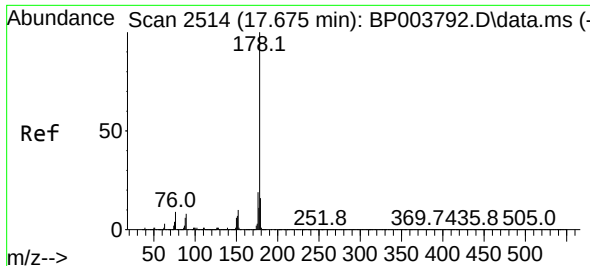
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. -0.000 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

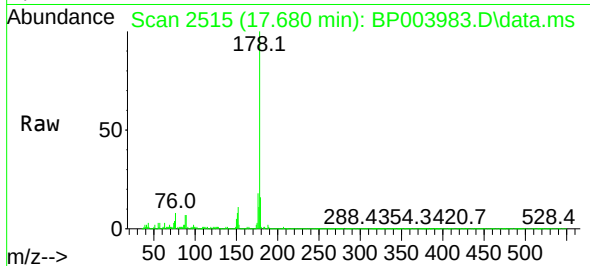
Tgt Ion:188 Resp: 699496
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 10.0 6.2 9.2#





#71
Phenanthrene
Concen: 3.01 ng
RT: 17.680 min Scan# 2515
Delta R.T. -0.000 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

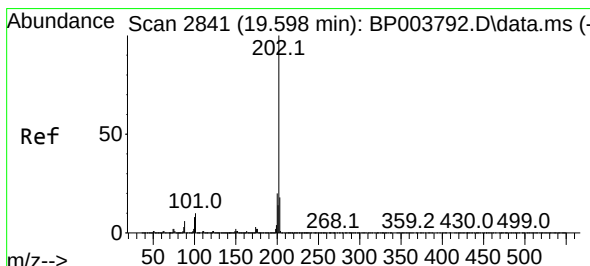
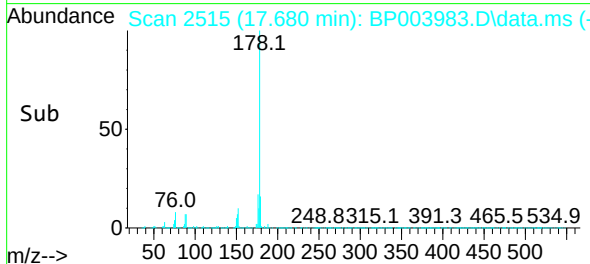
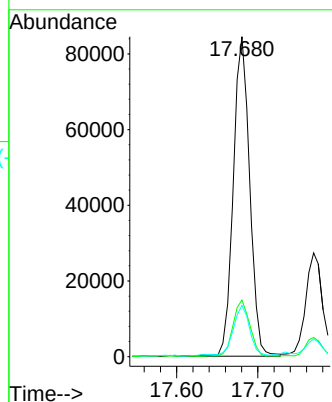
Instrument :
BNA_P
ClientSampleId :
TR-05-111620



Tgt Ion:178 Resp: 118186
Ion Ratio Lower Upper
178 100
176 17.7 15.3 22.9
179 16.0 12.5 18.7

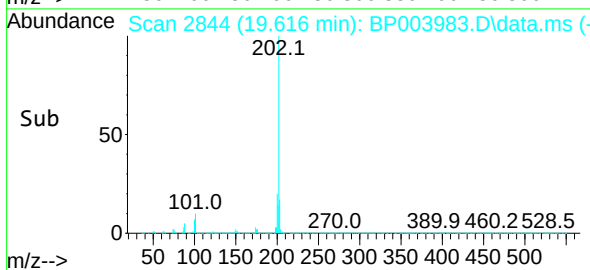
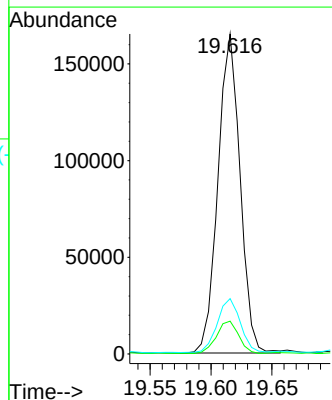
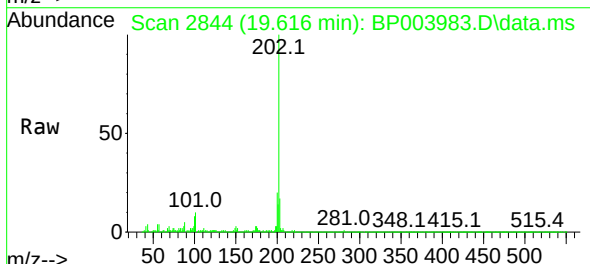
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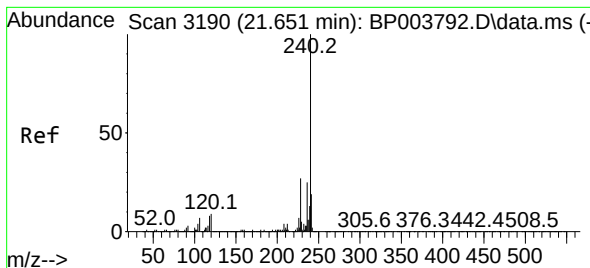
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#75
Fluoranthene
Concen: 4.61 ng
RT: 19.616 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

Tgt Ion:202 Resp: 208939
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.4
203 17.3 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.674 min Scan# 3194

Delta R.T. -0.000 min

Lab File: BP003983.D

Acq: 17 Nov 2020 19:36

Tgt Ion:	240	Resp:	618617
Ion Ratio	Lower	Upper	
240	100		
120	8.9	7.8	11.6
236	24.8	20.8	31.2

Instrument :

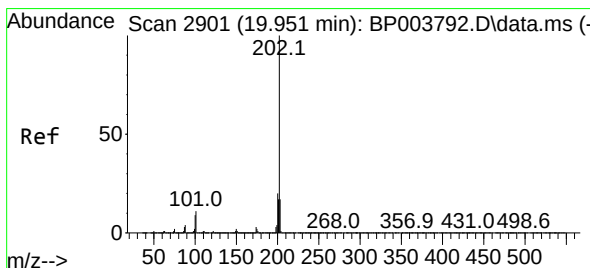
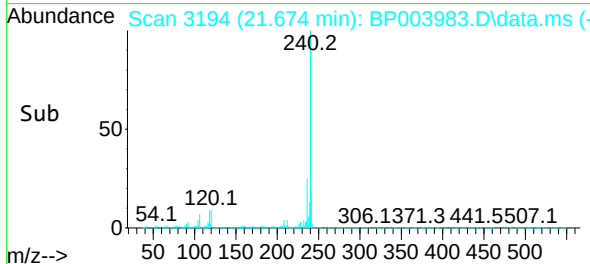
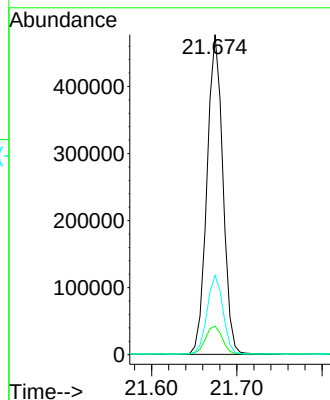
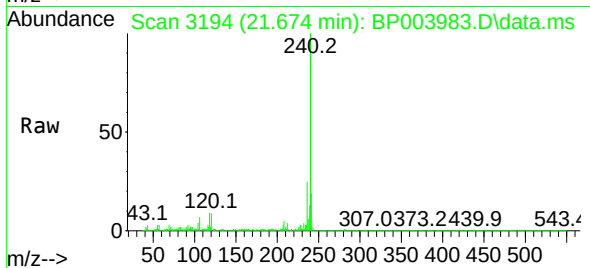
BNA_P

ClientSampleId :

TR-05-111620

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#78

Pyrene

Concen: 4.80 ng

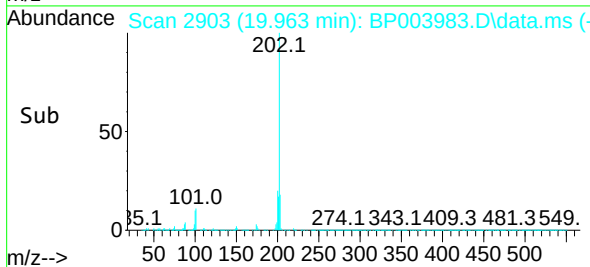
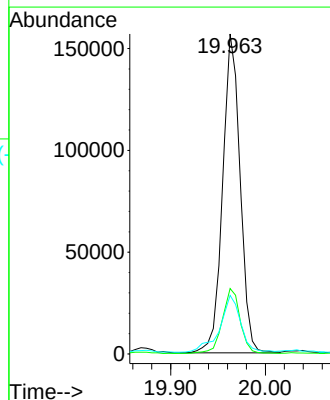
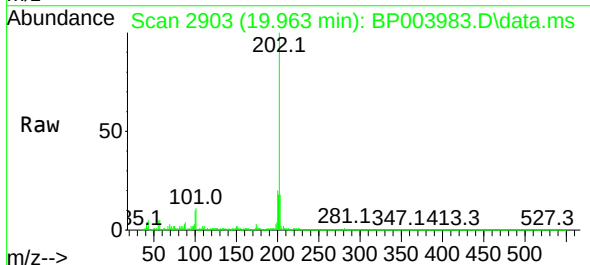
RT: 19.963 min Scan# 2903

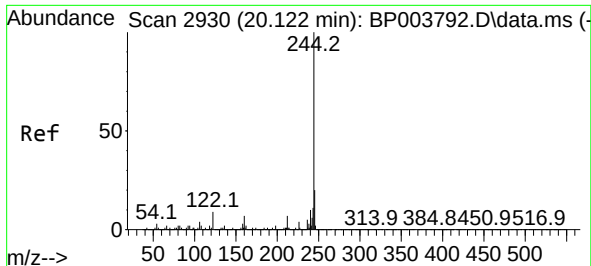
Delta R.T. -0.000 min

Lab File: BP003983.D

Acq: 17 Nov 2020 19:36

Tgt Ion:	202	Resp:	201327
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.1	25.7
203	18.3	14.2	21.2





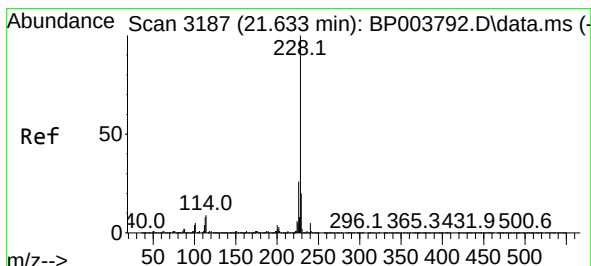
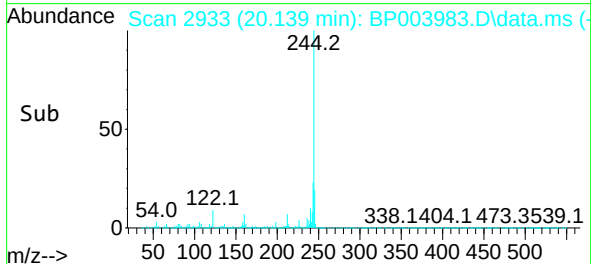
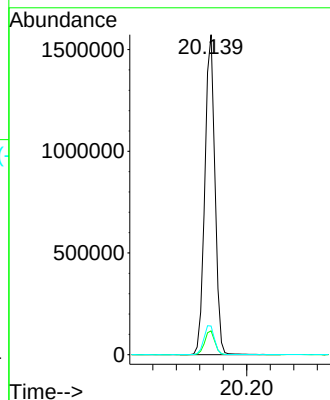
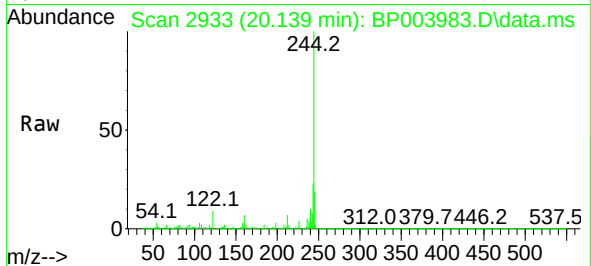
#79
Terphenyl-d14
Concen: 58.28 ng
RT: 20.139 min Scan# 2933
Delta R.T. 0.006 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

Tgt Ion:244 Resp: 1866082
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.0 7.8 11.8

Instrument :
BNA_P
ClientSampleId :
TR-05-111620

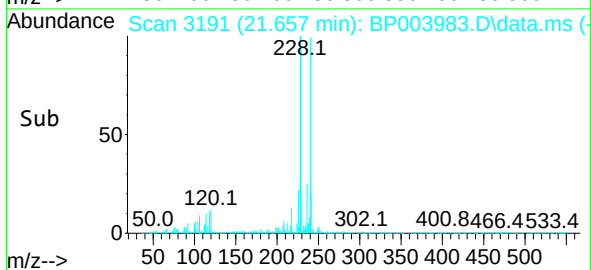
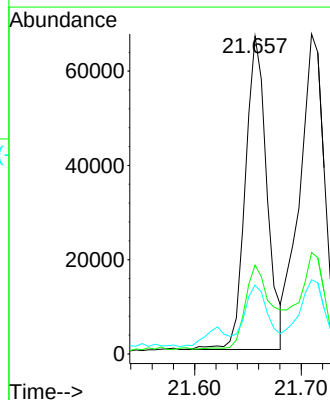
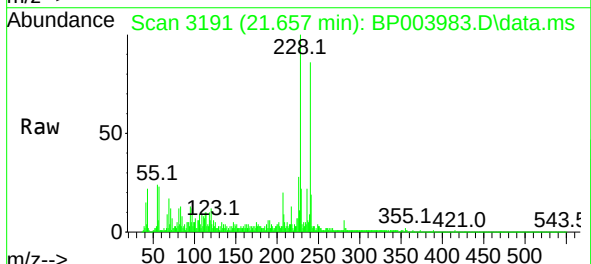
Manual Integrations
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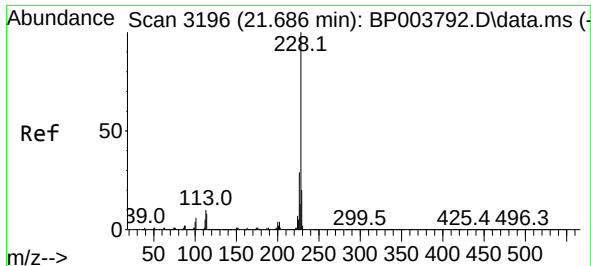
mohammad
11/19/2020 10:31:39 AM



#81
Benzo(a)anthracene
Concen: 2.30 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.000 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

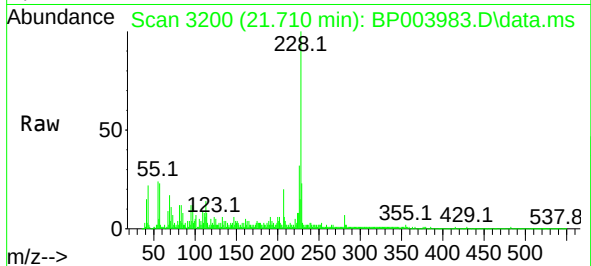
Tgt Ion:228 Resp: 93668
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 21.7 15.9 23.9





#83
Chrysene
Concen: 2.74 ng
RT: 21.710 min Scan# 3200
Delta R.T. -0.006 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

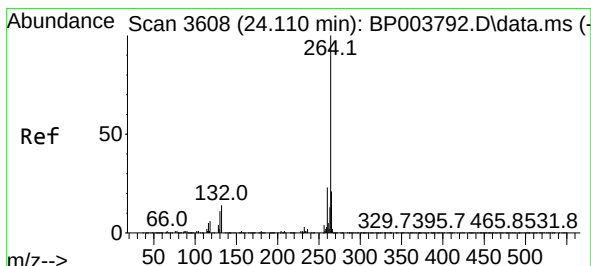
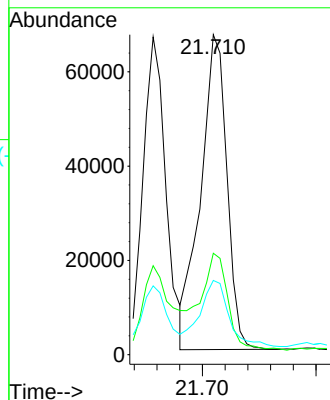
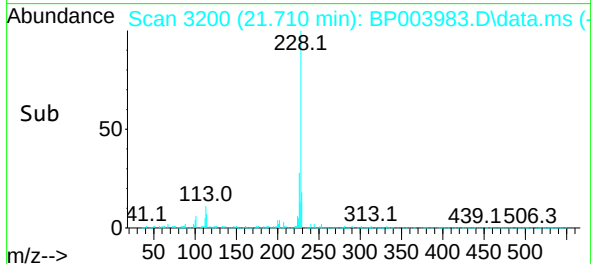
Instrument :
BNA_P
ClientSampled :
TR-05-111620



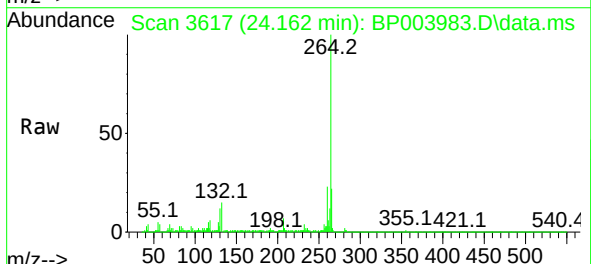
Tgt Ion:228 Resp: 107441
Ion Ratio Lower Upper
228 100
226 31.7 24.4 36.6
229 23.2 15.8 23.6

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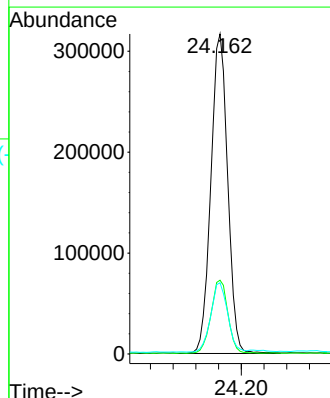
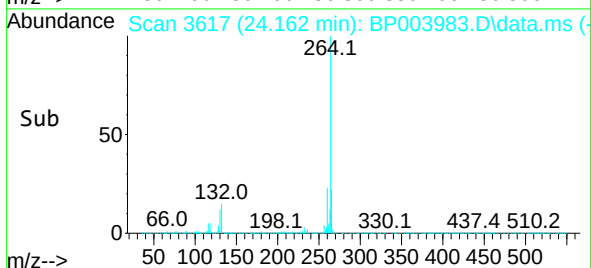
mohammad
11/19/2020 10:31:39 AM

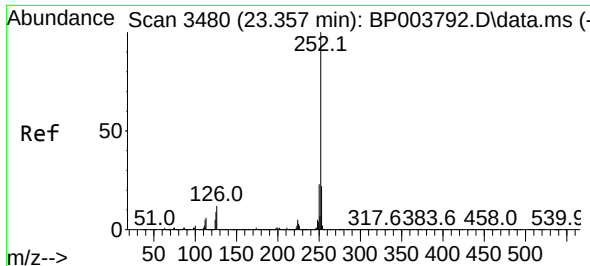


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.162 min Scan# 3617
Delta R.T. 0.006 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36



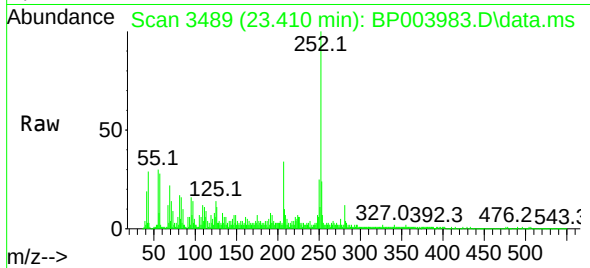
Tgt Ion:264 Resp: 647576
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 22.2 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.44 ng m
RT: 23.410 min Scan# 3489
Delta R.T. 0.006 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36

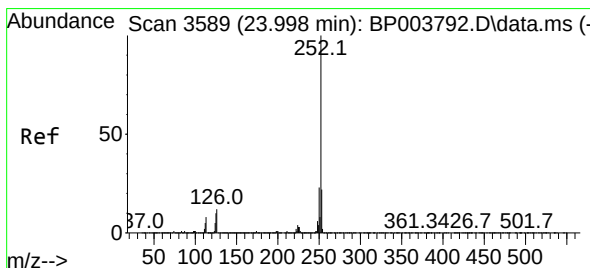
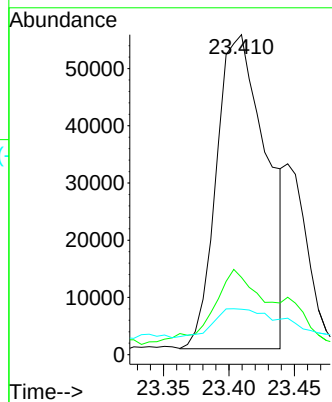
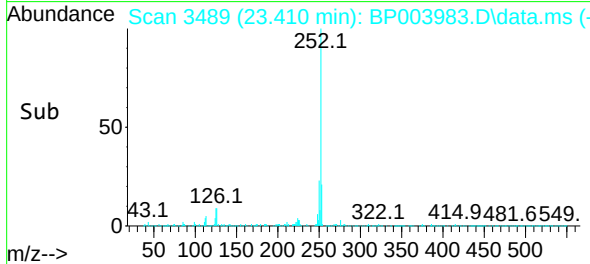
Instrument :
BNA_P
ClientSampled :
TR-05-111620



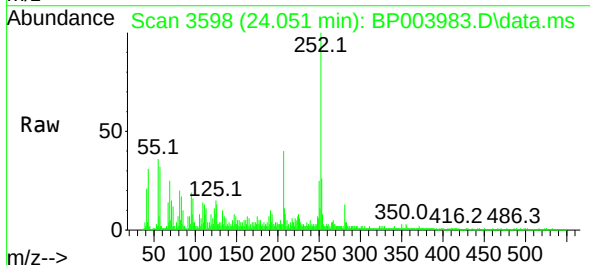
Tgt Ion:252 Resp: 145675
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 14.2 7.3 10.9#

Manual Integrations
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mohammad
11/19/2020 10:31:39 AM



#90
Benzo(a)pyrene
Concen: 2.61 ng
RT: 24.051 min Scan# 3598
Delta R.T. -0.000 min
Lab File: BP003983.D
Acq: 17 Nov 2020 19:36



Tgt Ion:252 Resp: 102474
Ion Ratio Lower Upper
252 100
253 26.1 17.4 26.0#
125 14.6 8.2 12.4#

