

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
 Data File : BP004597.D
 Acq On : 16 Jan 2021 02:50
 Operator : CG/JU
 Sample : M1140-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-011421

Manual Integrations
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Quant Time: Jan 16 03:17:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	241362	20.00	ng	-0.01
21) Naphthalene-d8	10.599	136	965204	20.00	ng	#-0.01
39) Acenaphthene-d10	14.457	164	601824	20.00	ng	-0.01
64) Phenanthrene-d10	17.216	188	1296152	20.00	ng	-0.01
76) Chrysene-d12	21.310	240	1349569	20.00	ng	-0.01
86) Perylene-d12	23.663	264	1455036	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	552074	39.87	ng	0.00
7) Phenol-d6	6.981	99	699512	36.88	ng	0.00
23) Nitrobenzene-d5	8.963	82	391882	22.95	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	345326	33.00	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1114960	24.08	ng	-0.01
79) Terphenyl-d14	19.781	244	1602896	21.70	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.263	178	397645	5.35	ng	99
75) Fluoranthene	19.233	202	522114	5.77	ng	99
78) Pyrene	19.586	202	465284	5.07	ng	99
81) Benzo(a)anthracene	21.298	228	260295	2.84	ng	97
83) Chrysene	21.345	228	225360m	2.58	ng	
88) Benzo(b)fluoranthene	22.951	252	317459m	3.37	ng	
90) Benzo(a)pyrene	23.563	252	241982	2.75	ng	# 92

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

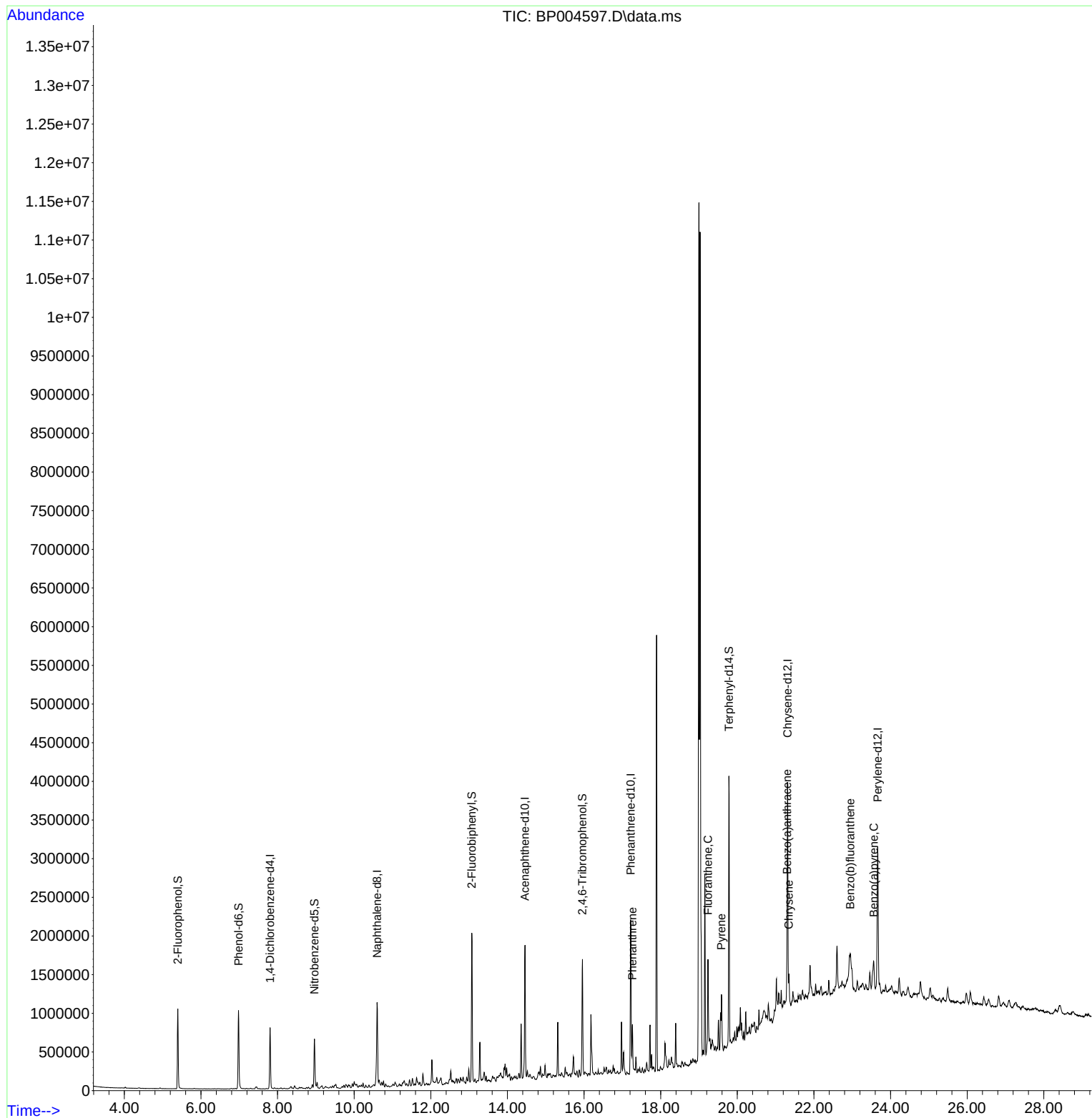
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004597.D
Acq On : 16 Jan 2021 02:50
Operator : CG/JU
Sample : M1140-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

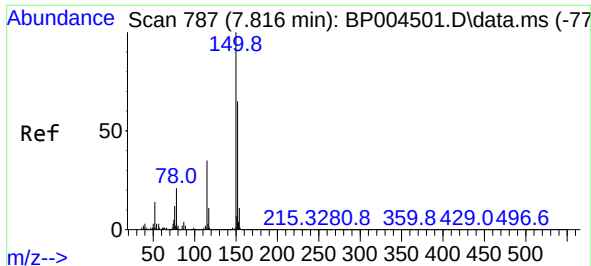
Instrument :
BNA_P
ClientSampleId :
SU-01-011421

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Quant Time: Jan 16 03:17:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration





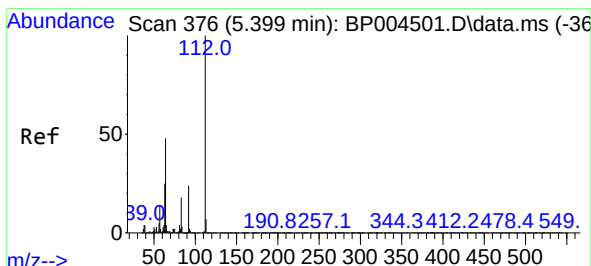
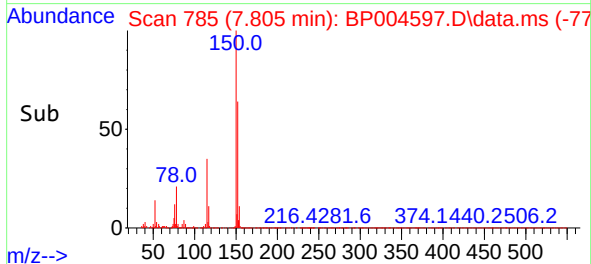
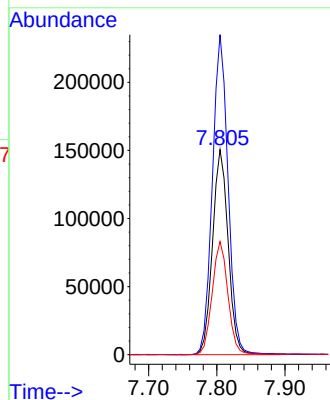
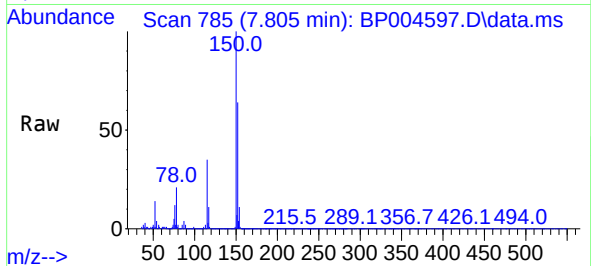
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.805 min Scan# 785
Delta R.T. -0.011 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

Tgt Ion:152 Resp: 241362
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 55.1 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
SU-01-011421

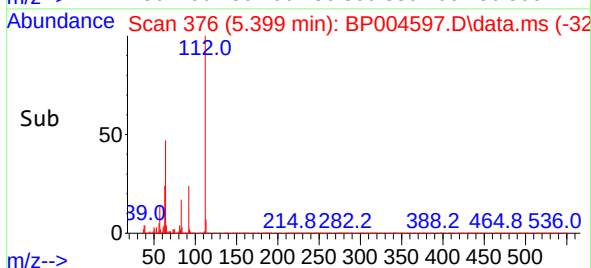
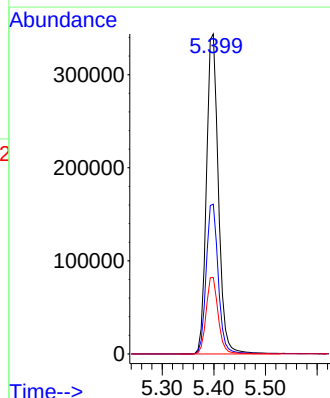
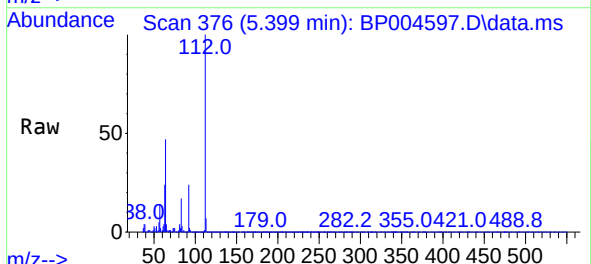
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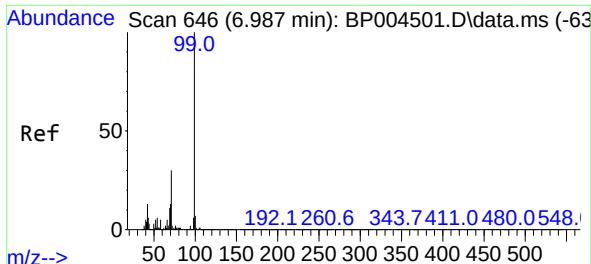
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#5
2-Fluorophenol
Concen: 39.87 ng
RT: 5.399 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

Tgt Ion:112 Resp: 552074
Ion Ratio Lower Upper
112 100
64 46.8 32.8 49.2
63 23.9 17.0 25.4





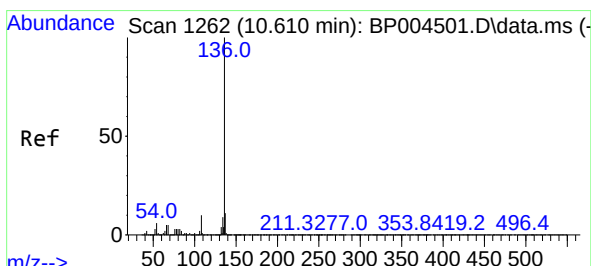
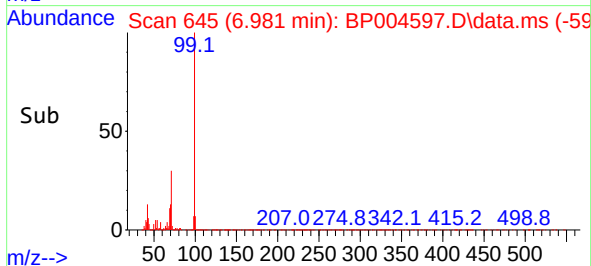
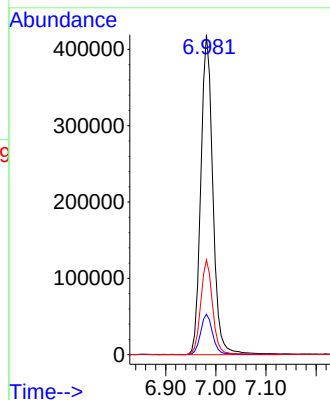
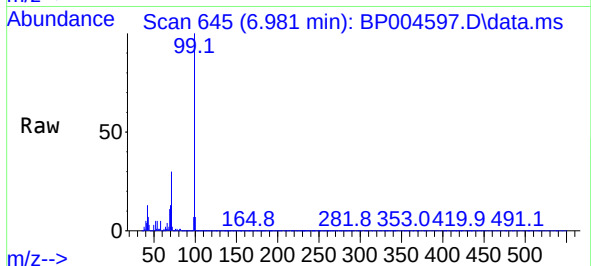
#7
Phenol-d6
Concen: 36.88 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

Tgt Ion:	99	Resp:	699512
Ion	Ratio	Lower	Upper
99	100		
42	12.7	8.6	13.0
71	29.6	23.4	35.2

Instrument :
BNA_P
ClientSampleId :
SU-01-011421

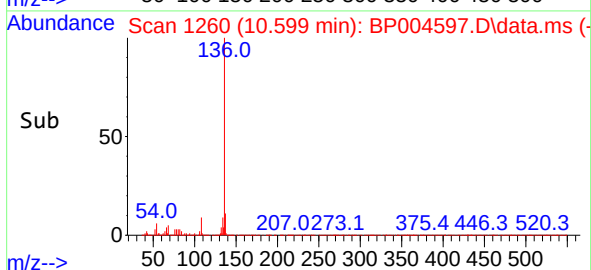
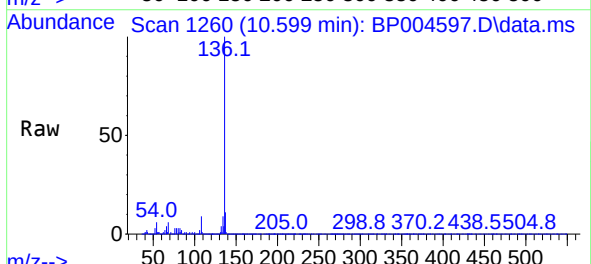
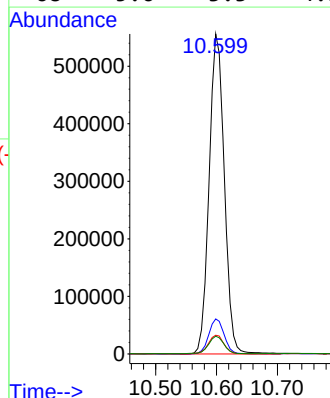
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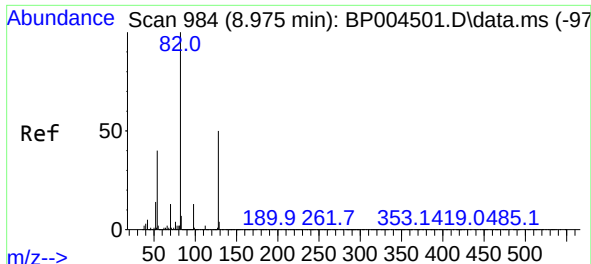
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.599 min Scan# 1260
Delta R.T. -0.011 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

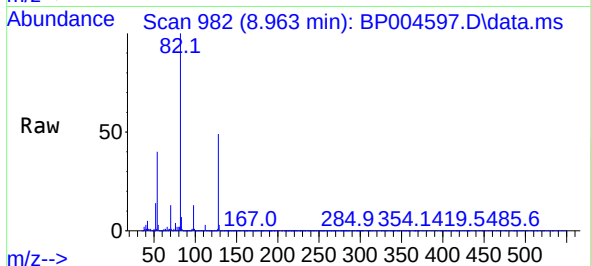
Tgt Ion:	136	Resp:	965204
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.8	3.6	5.4#
68	5.6	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 22.95 ng
RT: 8.963 min Scan# 982
Delta R.T. -0.012 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

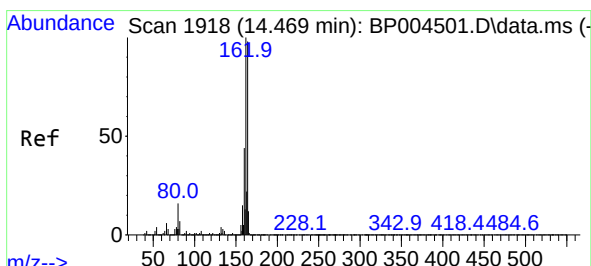
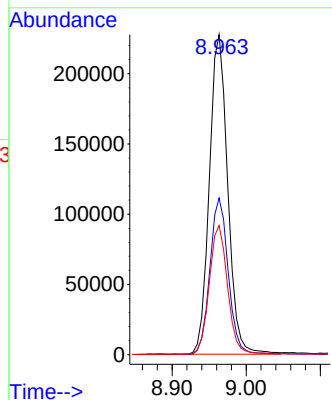
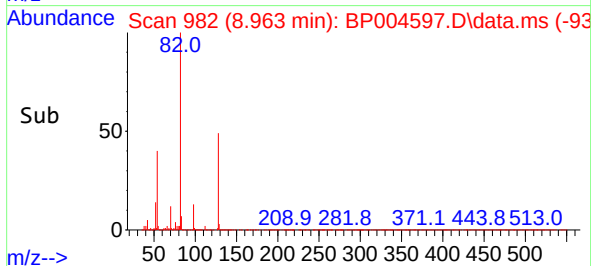
Instrument :
BNA_P
ClientSampleId :
SU-01-011421



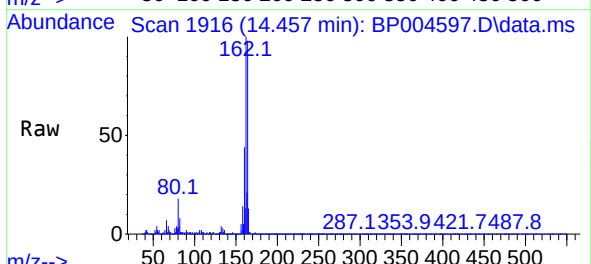
Tgt Ion: 82 Resp: 391882
Ion Ratio Lower Upper
82 100
128 49.0 45.6 68.4
54 40.4 30.1 45.1

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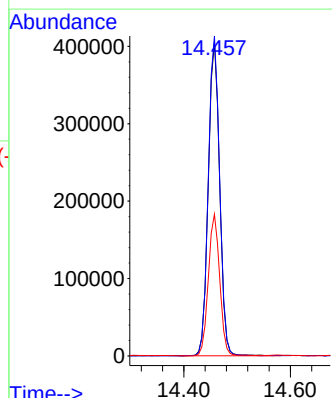
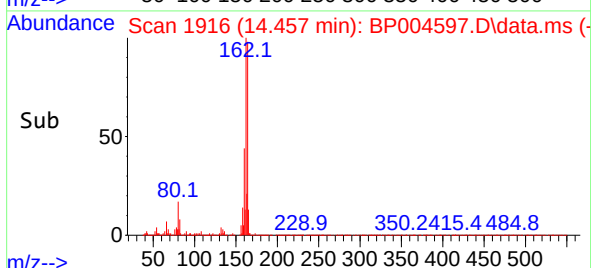
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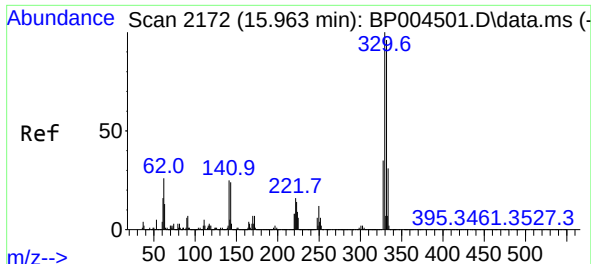


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.457 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50



Tgt Ion: 164 Resp: 601824
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.2
160 45.2 36.1 54.1





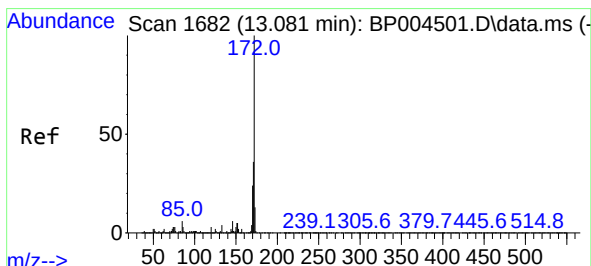
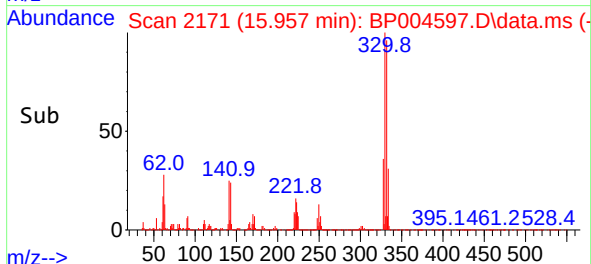
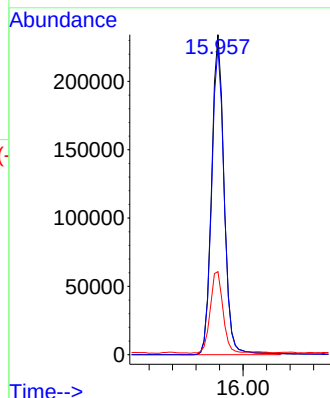
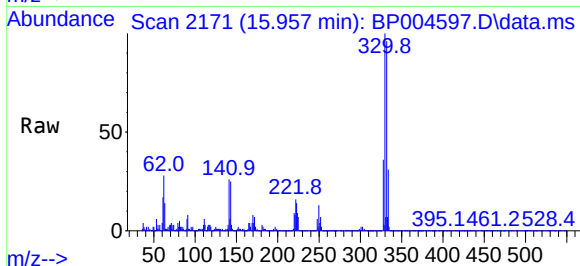
#42
2,4,6-Tribromophenol
Concen: 33.00 ng
RT: 15.957 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

Tgt Ion:330 Resp: 345326
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 25.9 23.4 35.2

Instrument :
BNA_P
ClientSampled :
SU-01-011421

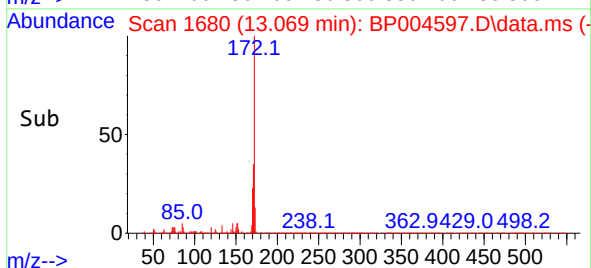
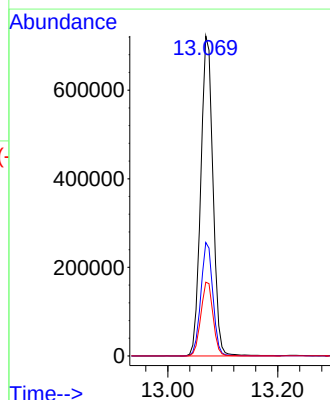
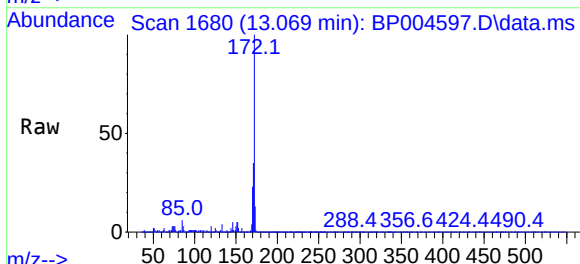
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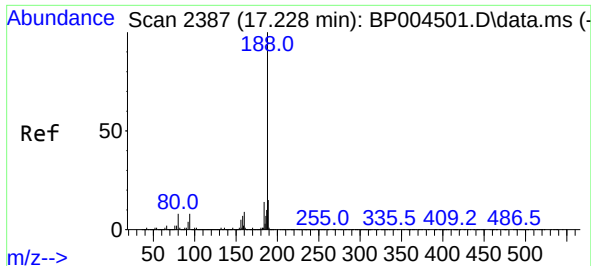
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#45
2-Fluorobiphenyl
Concen: 24.08 ng
RT: 13.069 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

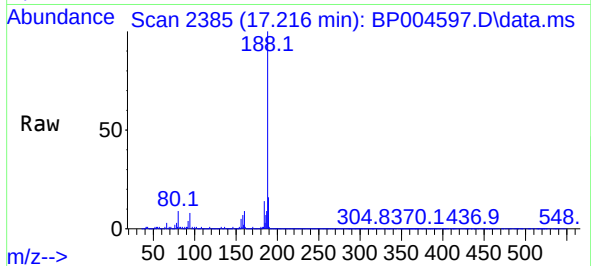
Tgt Ion:172 Resp: 1114960
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.1 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.216 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

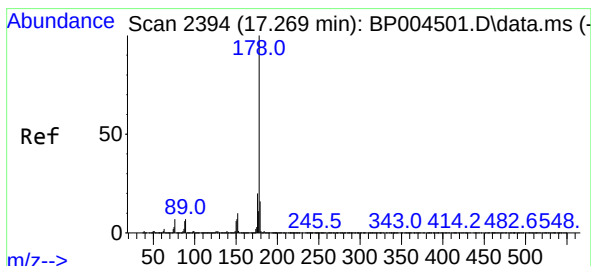
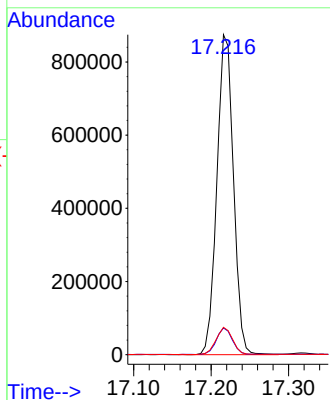
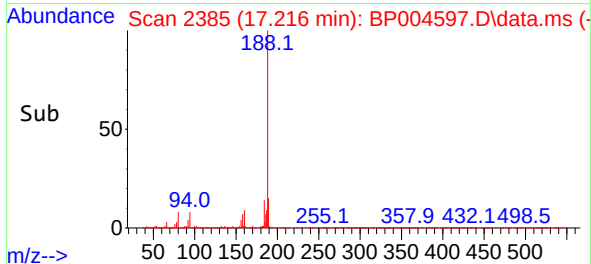
Instrument :
BNA_P
ClientSampleId :
SU-01-011421



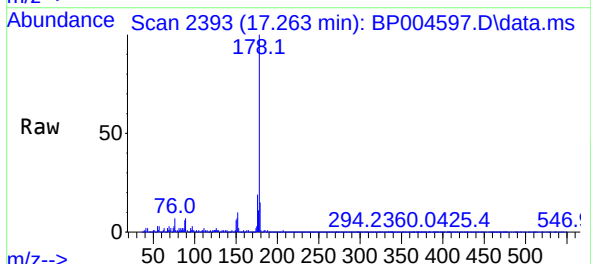
Tgt Ion:188 Resp: 1296152
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.6 6.2 9.2

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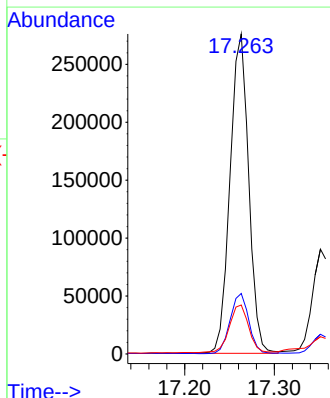
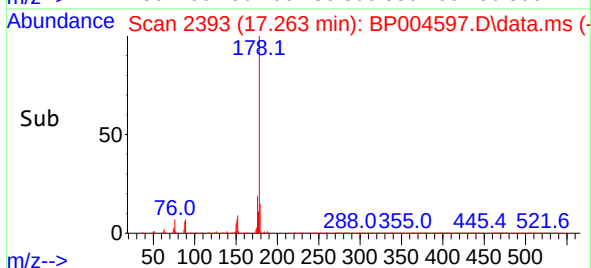
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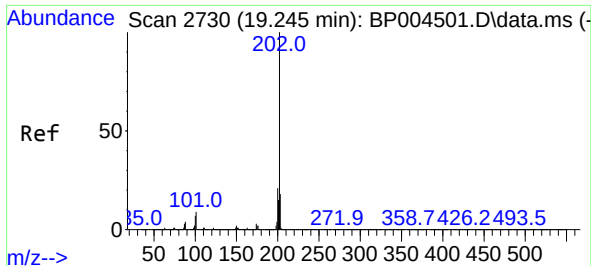


#71
Phenanthrene
Concen: 5.35 ng
RT: 17.263 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50



Tgt Ion:178 Resp: 397645
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.3 12.5 18.7





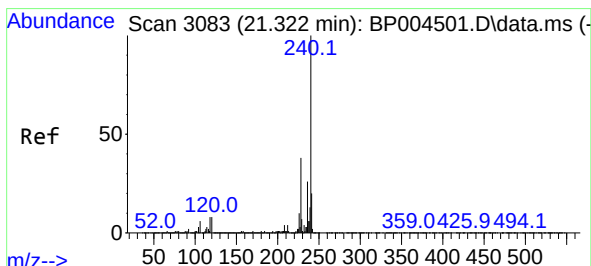
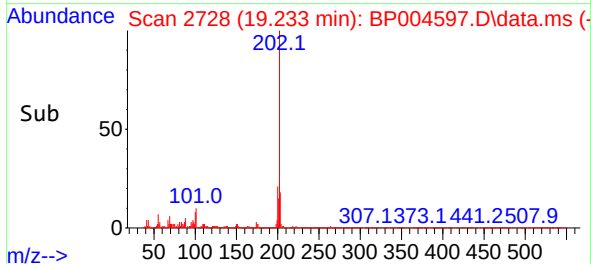
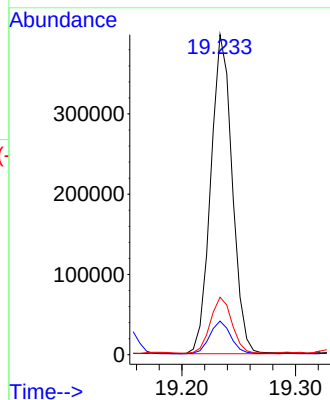
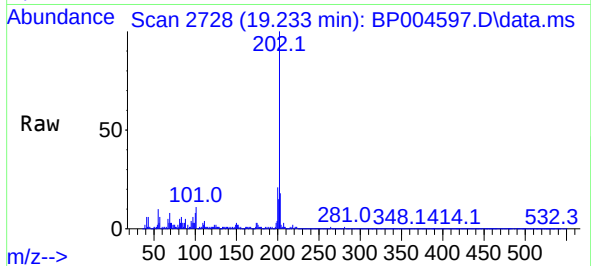
#75
Fluoranthene
Concen: 5.77 ng
RT: 19.233 min Scan# 2728
Delta R.T. -0.012 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

Tgt Ion:	202	Resp:	522114
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	29.4
203	18.0	0.0	37.8

Instrument :
BNA_P
ClientSampleId :
SU-01-011421

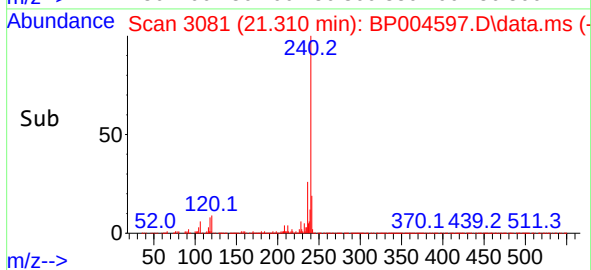
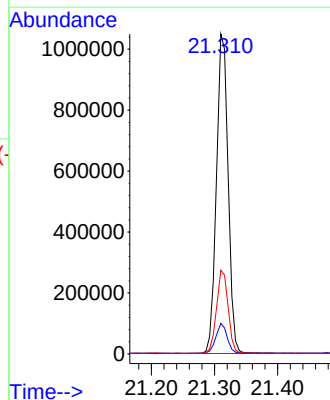
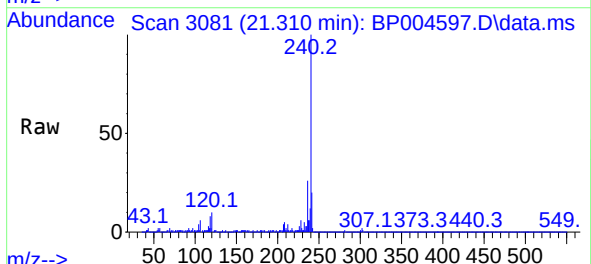
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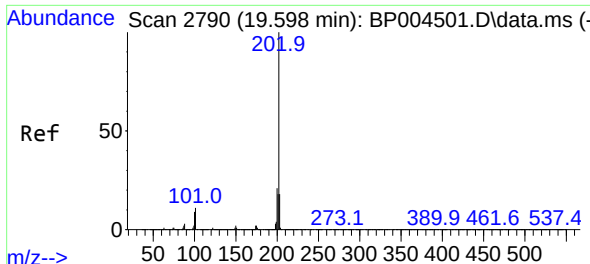
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.310 min Scan# 3081
Delta R.T. -0.012 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

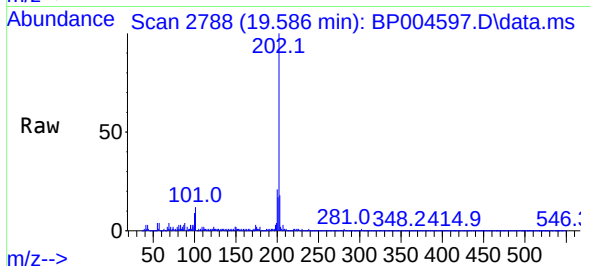
Tgt Ion:	240	Resp:	1349569
Ion Ratio	Lower	Upper	
240	100		
120	9.6	7.8	11.6
236	26.1	20.8	31.2





#78
Pyrene
Concen: 5.07 ng
RT: 19.586 min Scan# 2788
Delta R.T. -0.012 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

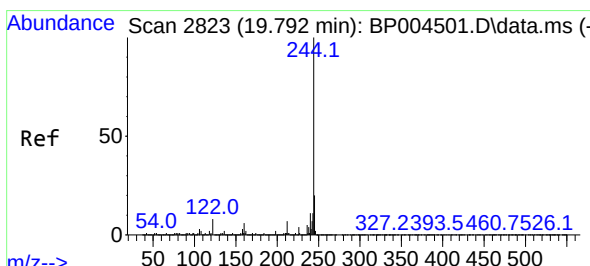
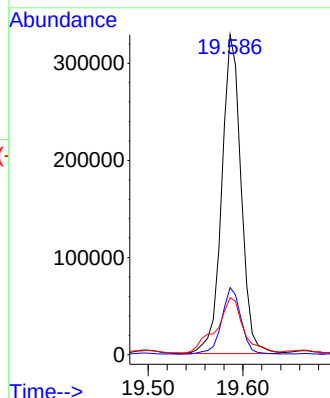
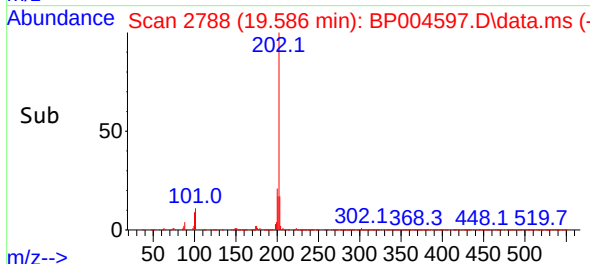
Instrument :
BNA_P
ClientSampleId :
SU-01-011421



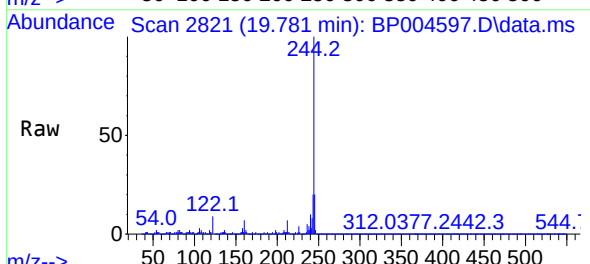
Tgt Ion:202 Resp: 465284
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.8 14.2 21.2

Manual Integrations
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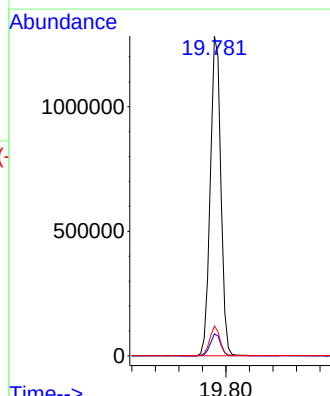
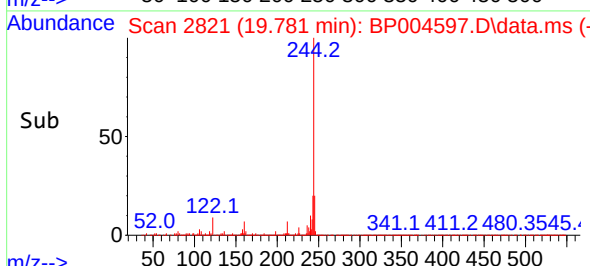
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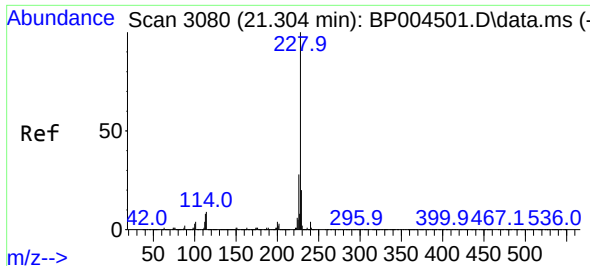


#79
Terphenyl-d14
Concen: 21.70 ng
RT: 19.781 min Scan# 2821
Delta R.T. -0.012 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50



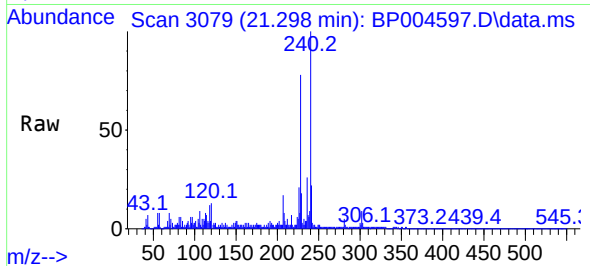
Tgt Ion:244 Resp: 1602896
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 9.3 7.8 11.8





#81
Benzo(a)anthracene
Concen: 2.84 ng
RT: 21.298 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

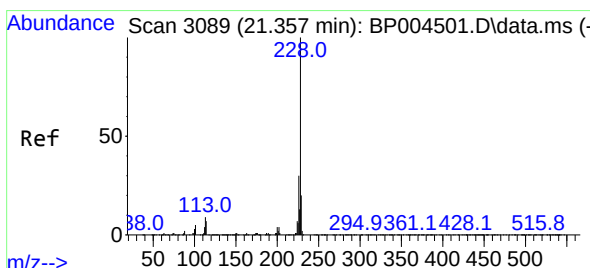
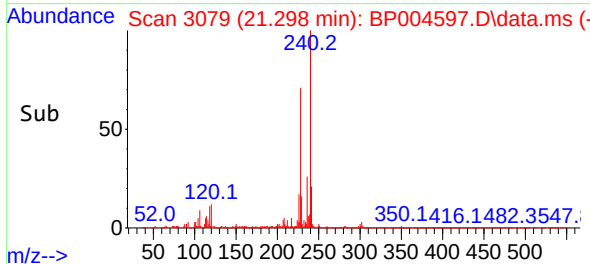
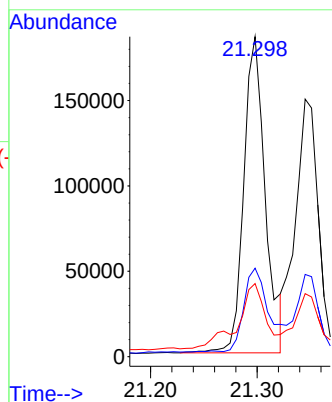
Instrument :
BNA_P
ClientSampled :
SU-01-011421



Tgt Ion:228 Resp: 260295
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 22.9 15.9 23.9

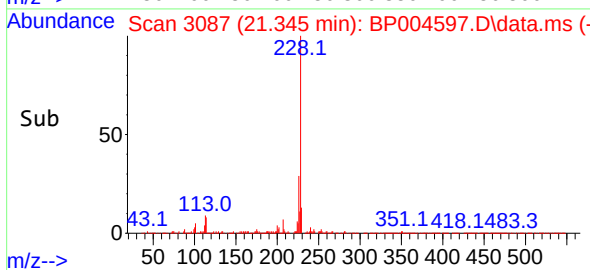
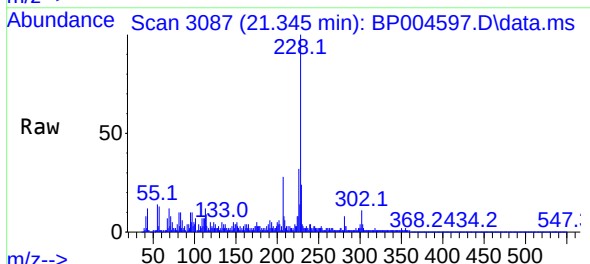
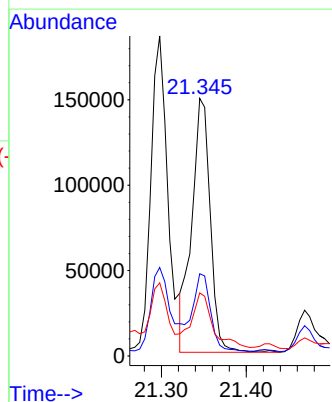
Manual Integrations
APPROVED

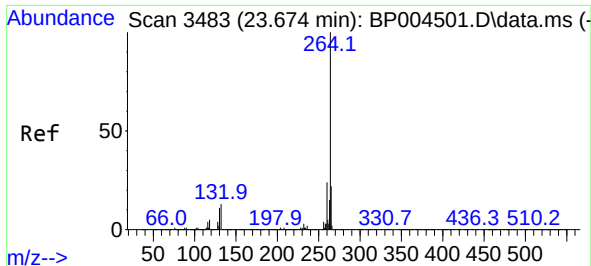
mohammad
1/18/2021 3:36:32 PM



#83
Chrysene
Concen: 2.58 ng m
RT: 21.345 min Scan# 3087
Delta R.T. -0.012 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

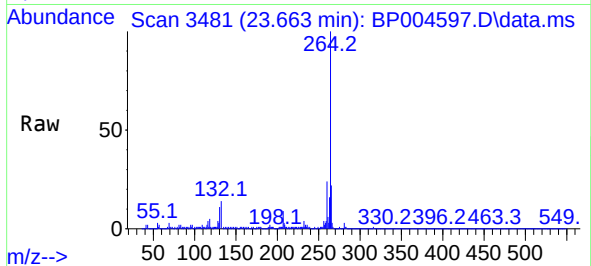
Tgt Ion:228 Resp: 225360
Ion Ratio Lower Upper
228 100
226 32.0 24.4 36.6
229 24.5 15.8 23.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.663 min Scan# 3481
Delta R.T. -0.012 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

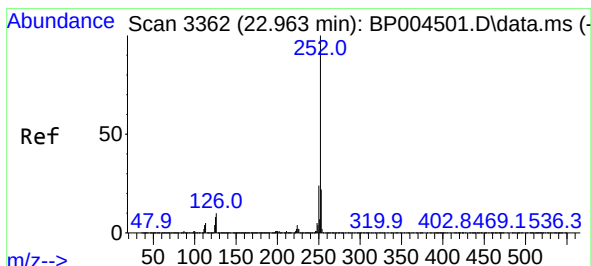
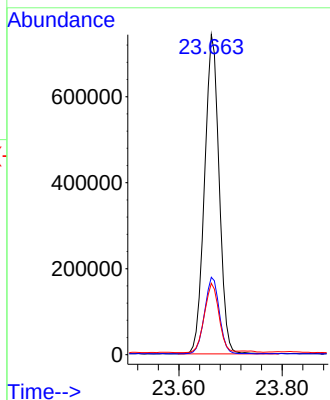
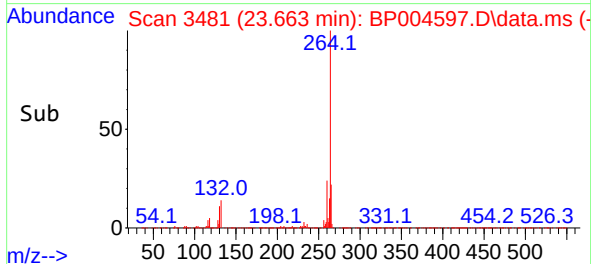
Instrument :
BNA_P
ClientSampled :
SU-01-011421



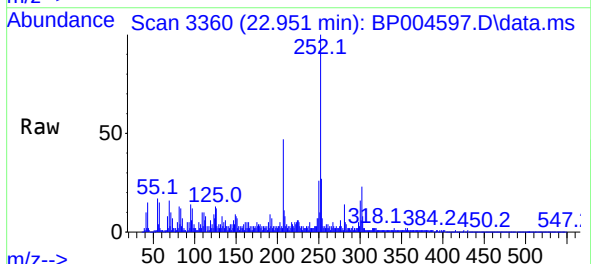
Tgt Ion:264 Resp: 1455036
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 22.3 17.4 26.2

Manual Integrations
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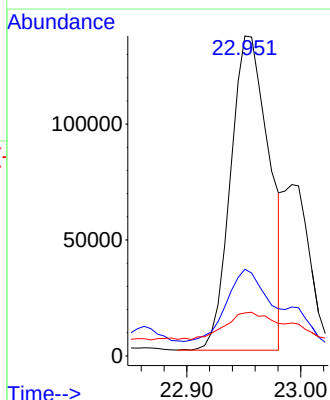
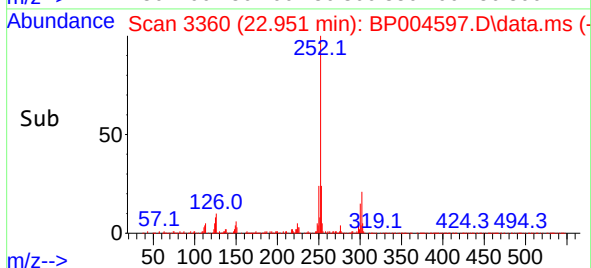
mohammad
1/18/2021 3:36:32 PM

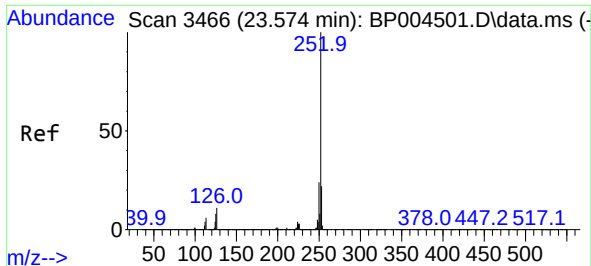


#88
Benzo(b)fluoranthene
Concen: 3.37 ng m
RT: 22.951 min Scan# 3360
Delta R.T. -0.012 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50



Tgt Ion:252 Resp: 317459
Ion Ratio Lower Upper
252 100
253 27.1 17.6 26.4#
125 13.5 7.3 10.9#





#90
Benzo(a)pyrene
Concen: 2.75 ng
RT: 23.563 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BP004597.D
Acq: 16 Jan 2021 02:50

Tgt Ion:252 Resp: 241982
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.0
125 14.4 8.2 12.4#

Instrument :
BNA_P
ClientSampleId :
SU-01-011421

Manual Integrations
APPROVED

mohammad
1/18/2021 3:36:32 PM

