

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
 Data File : BP003186.D
 Acq On : 02 Sep 2020 14:46
 Operator : CG/JU
 Sample : L3848-23DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-01-CDL

Manual Integrations
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mohammad
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Quant Time: Sep 08 08:38:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	205494	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	863124	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	542095	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1209539	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1232280	20.00	ng	0.00
86) Perylene-d12	23.38	264	1312567	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	449800	38.70	ng	0.00
7) Phenol-d6	6.84	99	552664	37.93	ng	0.00
23) Nitrobenzene-d5	8.80	82	327273	27.33	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	286776	39.11	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	974581	26.33	ng	0.00
79) Terphenyl-d14	19.63	244	1493052	26.66	ng	0.00
Target Compounds						
49) Acenaphthylene	14.02	152	233444	4.638	ng	100
71) Phenanthrene	17.09	178	1950590	29.762	ng	99
72) Anthracene	17.18	178	527014	8.402	ng	100
75) Fluoranthene	19.07	202	4104470	54.185	ng	99
78) Pyrene	19.43	202	4362437	54.545	ng	99
81) Benzo(a)anthracene	21.13	228	2448018	31.715	ng	97
83) Chrysene	21.18	228	2300584m	31.129	ng	
87) Indeno(1,2,3-cd)pyrene	25.65	276	1368415	13.980	ng	97
88) Benzo(b)fluoranthene	22.72	252	2629005m	32.226	ng	
89) Benzo(k)fluoranthene	22.75	252	937640m	12.029	ng	
90) Benzo(a)pyrene	23.29	252	2089236	27.605	ng	97
91) Dibenzo(a,h)anthracene	25.65	278	370898	4.613	ng	# 89
92) Benzo(a,h,i)perylene	26.34	276	1343492	16.649	ng	99

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

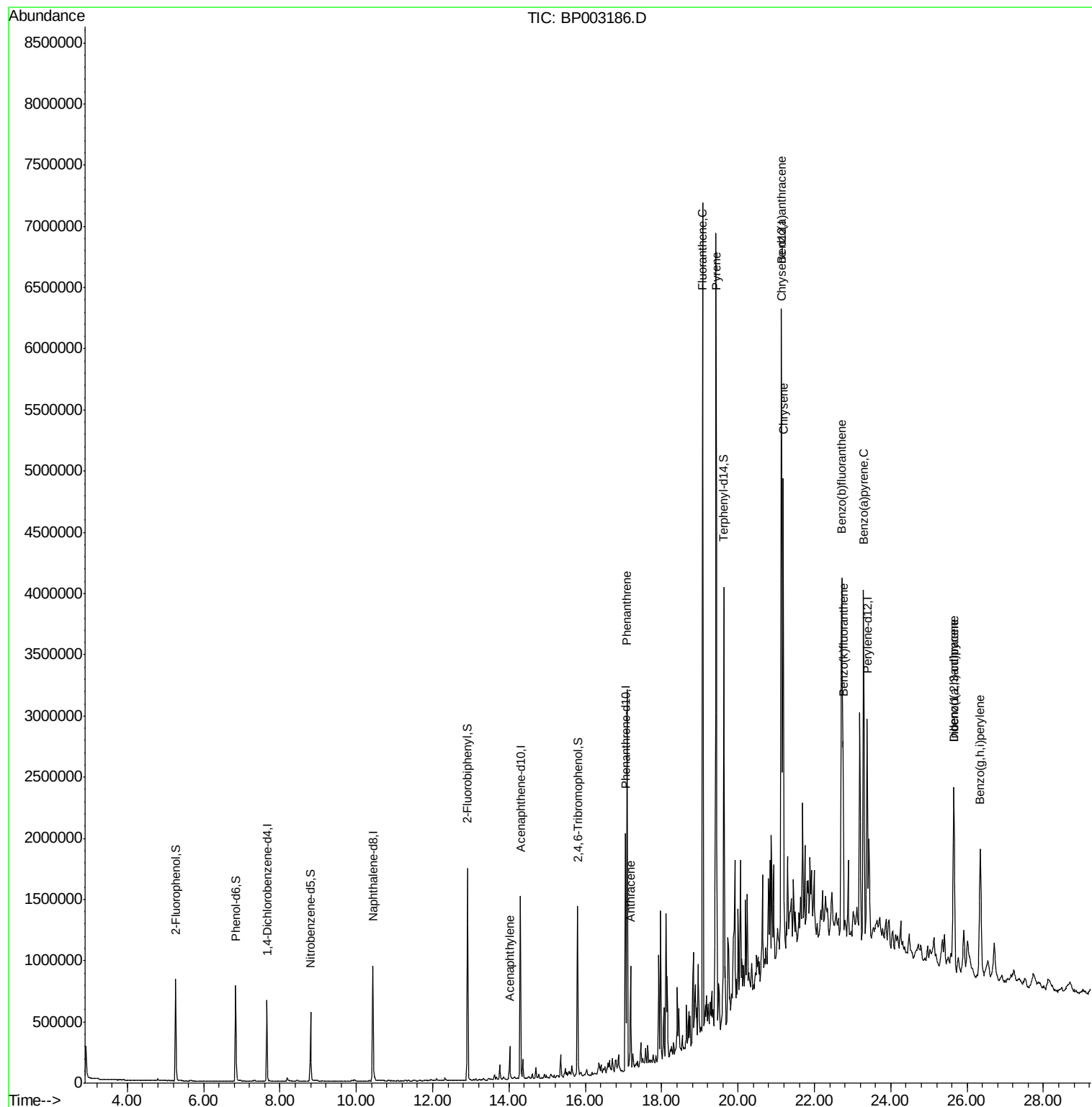
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003186.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

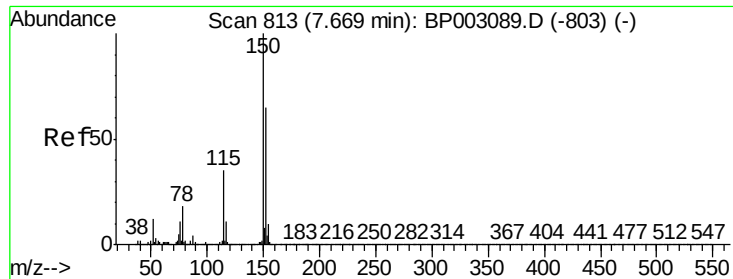
Instrument :
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LINDEN-BH-01-CDL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
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#1

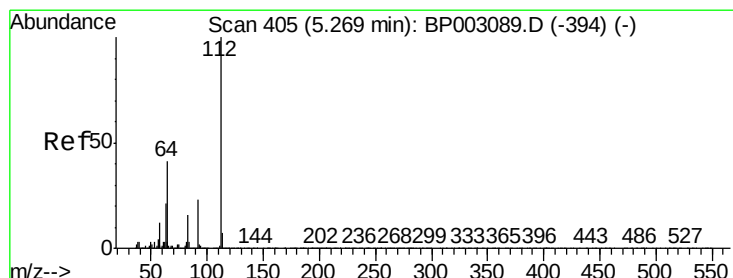
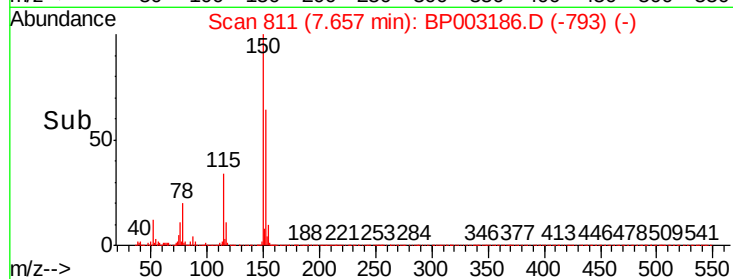
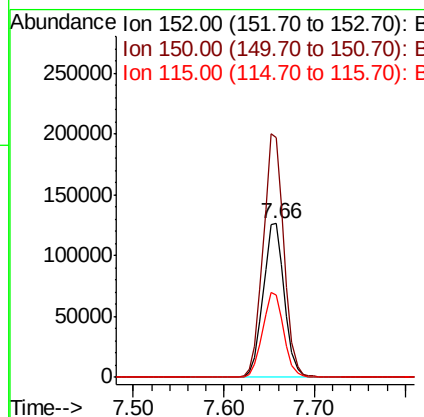
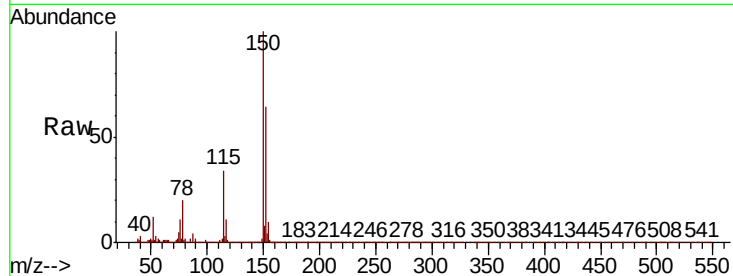
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. 0.01 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-01-CDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.8	185.6
115	53.6	43.8	65.6

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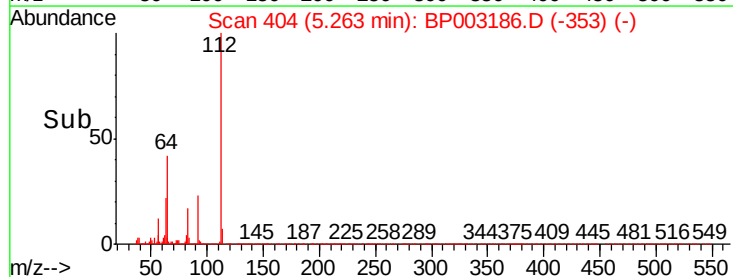
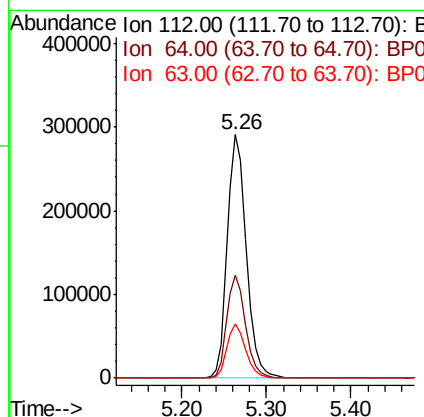
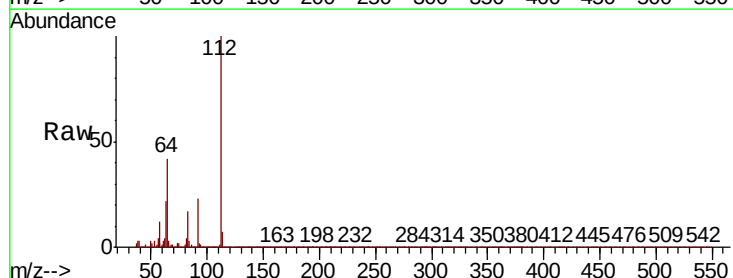
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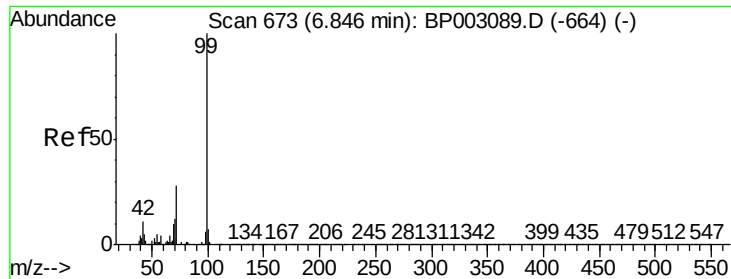


#5

2-Fluorophenol
Concen: 38.700 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.2	32.8	49.2
63	22.3	17.0	25.4





#7

Phenol-d6

Concen: 37.932 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003186.D

Acq: 02 Sep 2020 14:46

Instrument :

BNA_P

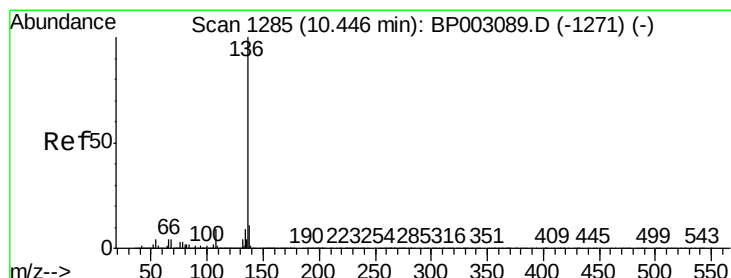
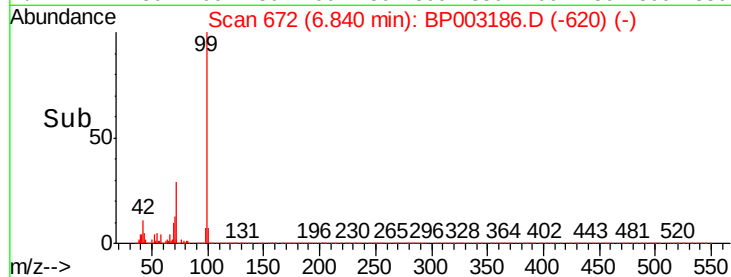
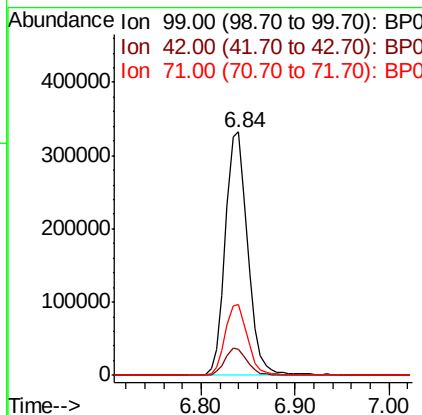
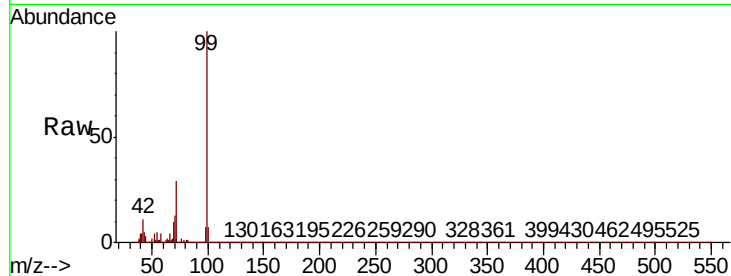
ClientSampleId :

LINDEN-BH-01-CDL

Tot Ion:	99	Resp:	552664
Ion Ratio	Lower	Upper	
99	100		
42	10.7	8.6	13.0
71	29.3	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

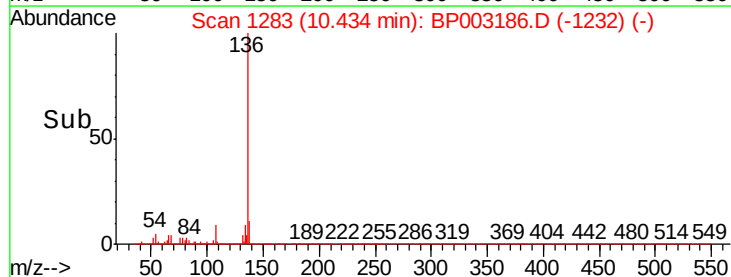
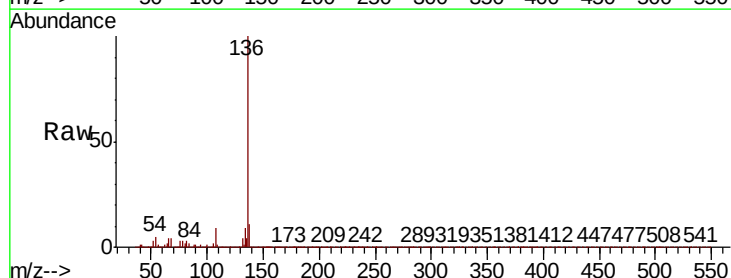
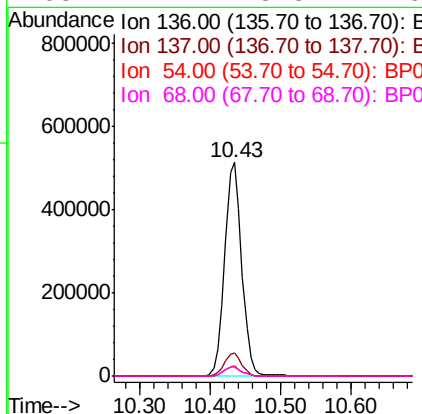
RT: 10.43 min Scan# 1283

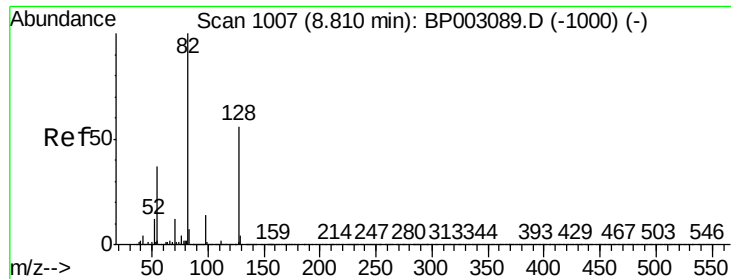
Delta R.T. -0.00 min

Lab File: BP003186.D

Acq: 02 Sep 2020 14:46

Tgt Ion:	136	Resp:	863124
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	4.6	3.6	5.4
68	4.2	3.3	4.9





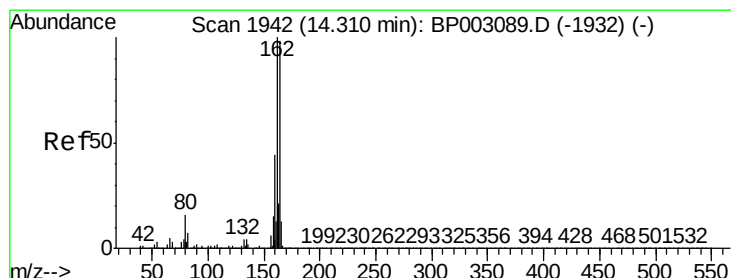
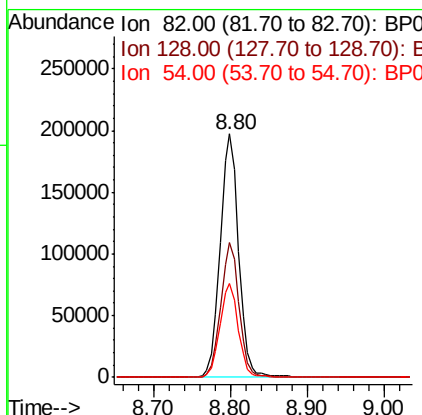
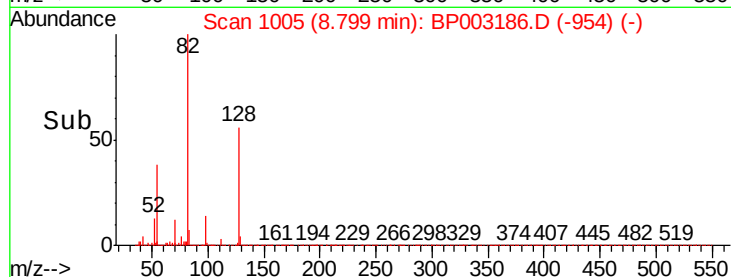
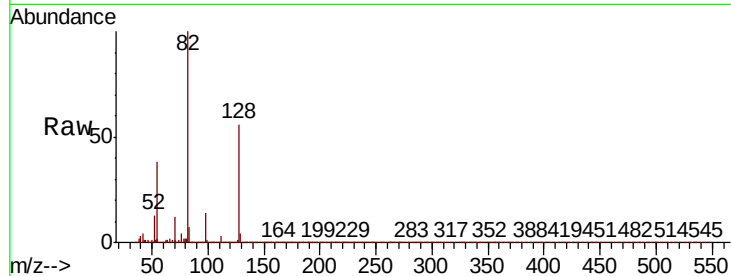
#23
 Nitrobenzene-d5
 Concen: 27.335 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003186.D
 Acq: 02 Sep 2020 14:46

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-01-CDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	55.6	45.6	68.4
54	38.4	30.1	45.1

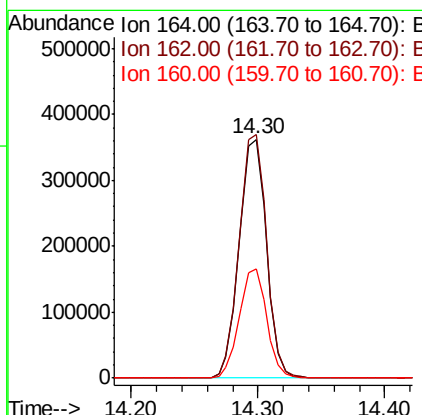
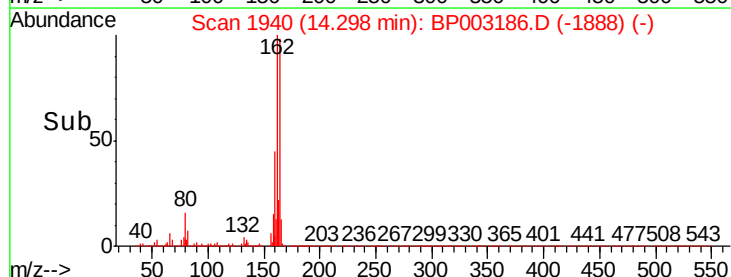
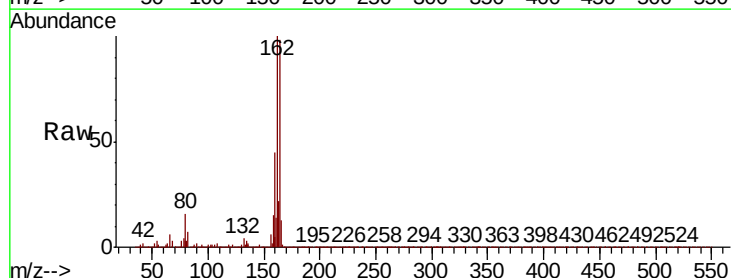
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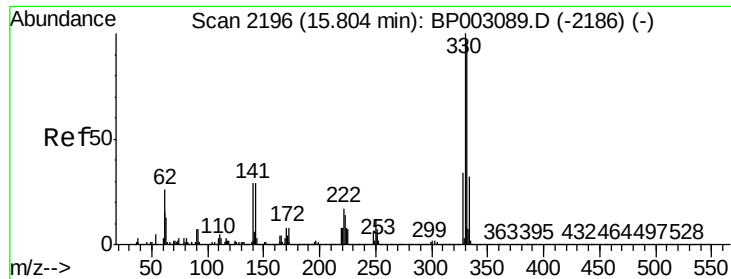
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1940
 Delta R.T. 0.01 min
 Lab File: BP003186.D
 Acq: 02 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.4	119.2
160	45.8	36.1	54.1





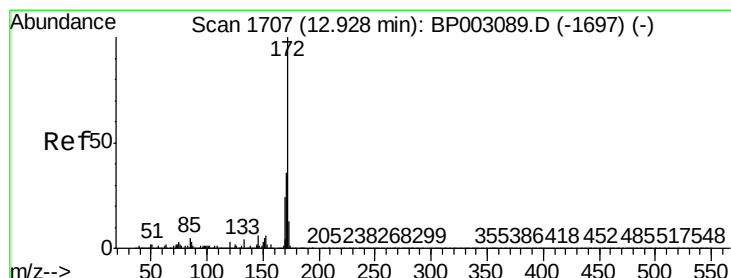
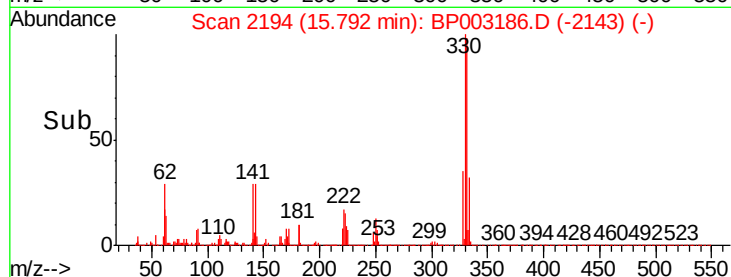
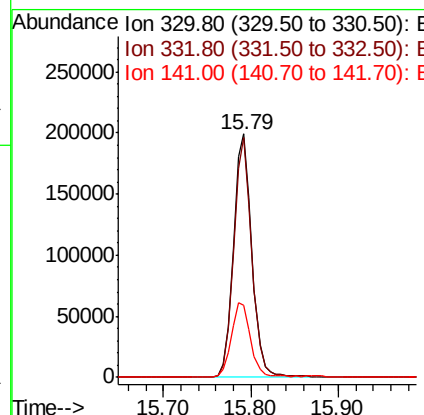
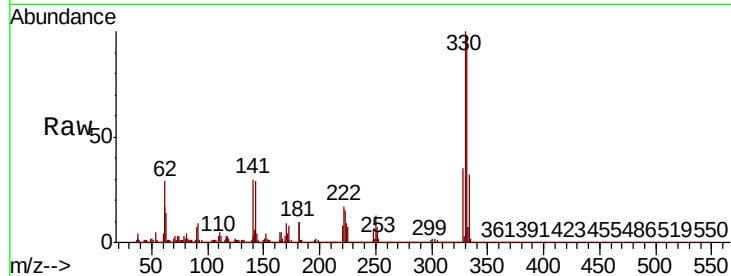
#42
 2,4,6-Tribromophenol
 Concen: 39.115 ng
 RT: 15.79 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BP003186.D
 Acq: 02 Sep 2020 14:46

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-01-CDL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	286776		
332	96.6		77.1	115.7
141	31.3		23.4	35.2

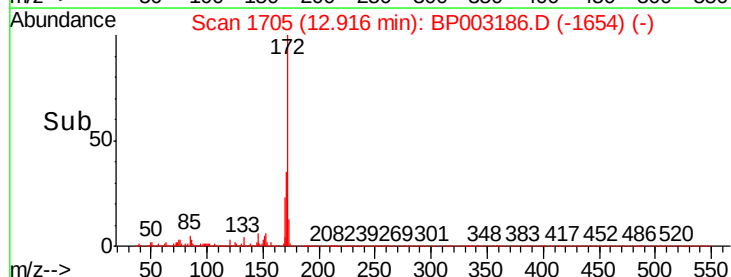
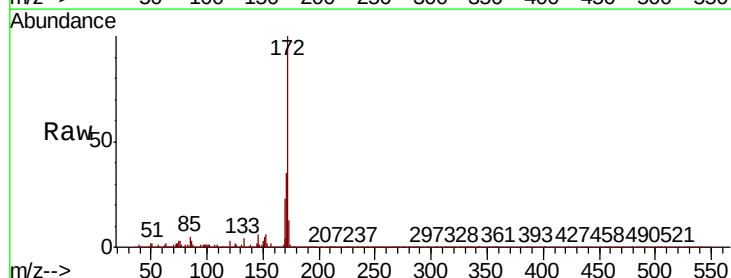
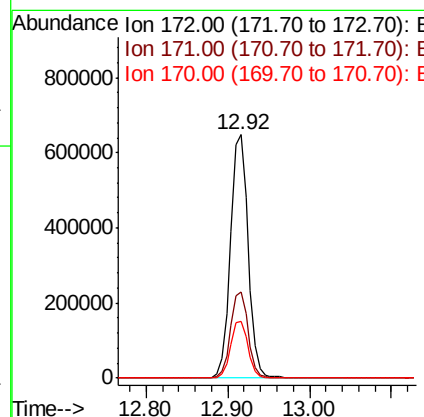
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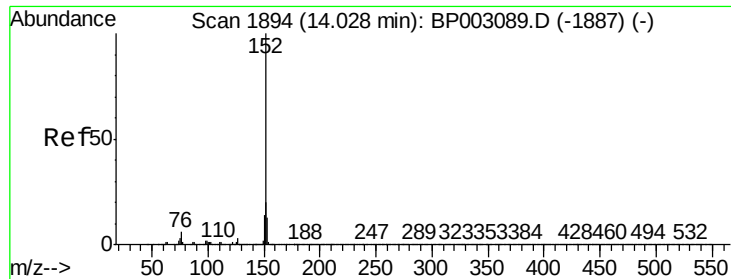
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#45
 2-Fluorobiphenyl
 Concen: 26.328 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BP003186.D
 Acq: 02 Sep 2020 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	974581		
171	35.2		28.5	42.7
170	23.1		19.2	28.8





#49

Acenaphthylene

Concen: 4.638 ng

RT: 14.02 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BP003186.D

Acq: 02 Sep 2020 14:46

Instrument :

BNA_P

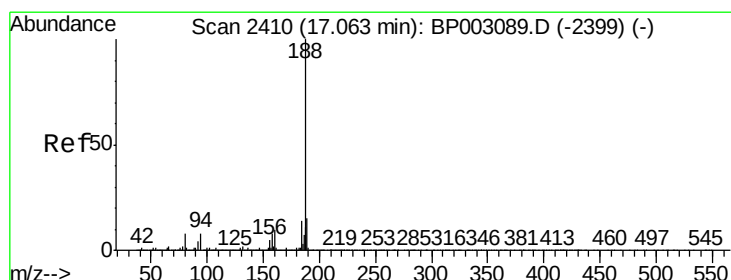
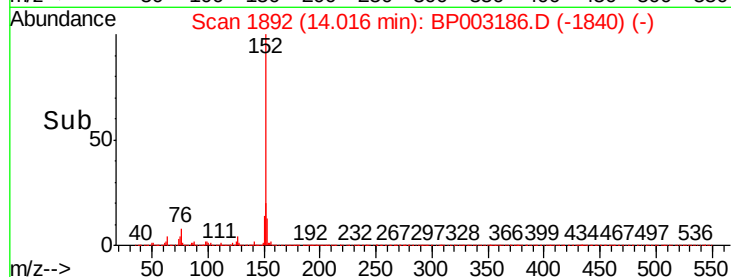
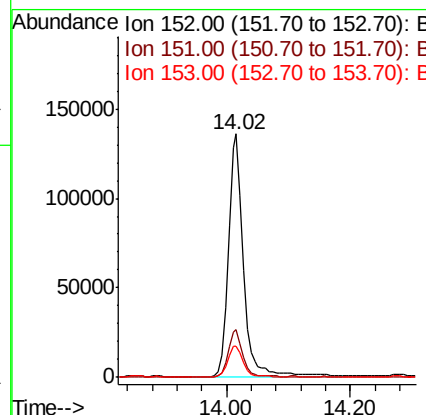
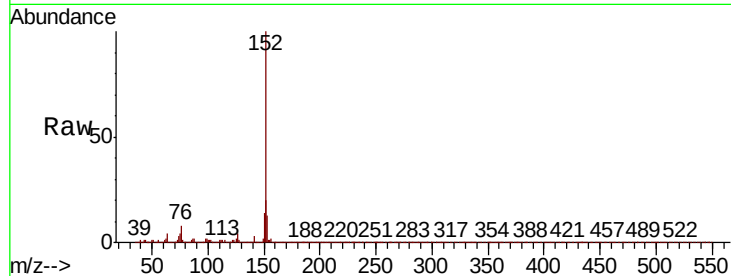
ClientSampleId :

LINDEN-BH-01-CDL

Tot Ion:	152	Resp:	233444
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	13.0	10.5	15.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

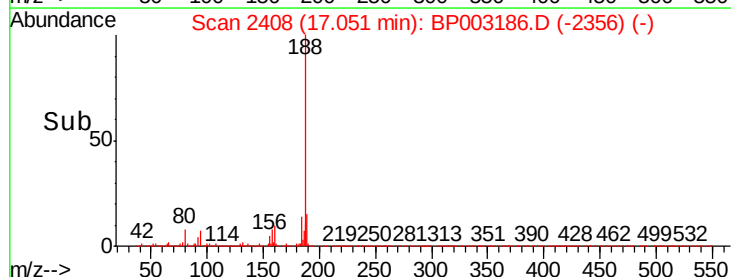
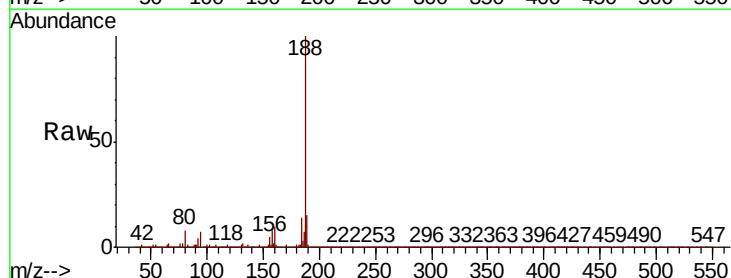
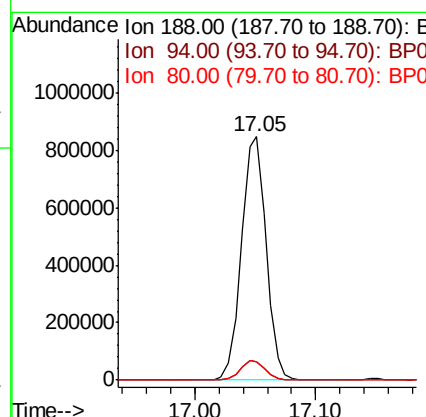
RT: 17.05 min Scan# 2408

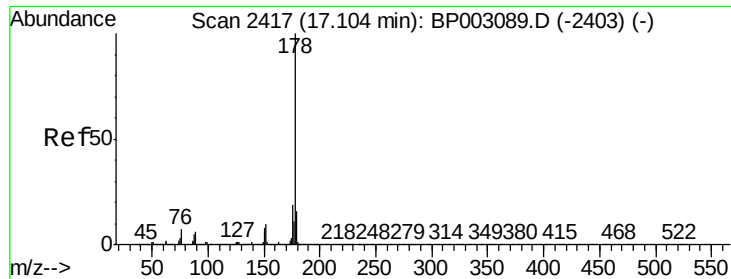
Delta R.T. 0.01 min

Lab File: BP003186.D

Acq: 02 Sep 2020 14:46

Tgt Ion:	188	Resp:	1209539
Ion Ratio	Lower	Upper	
188	100		
94	7.4	6.2	9.2
80	7.8	6.2	9.2





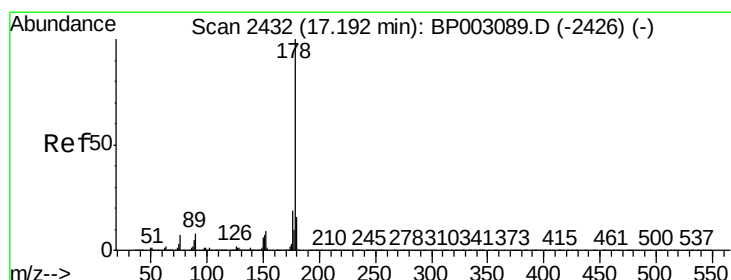
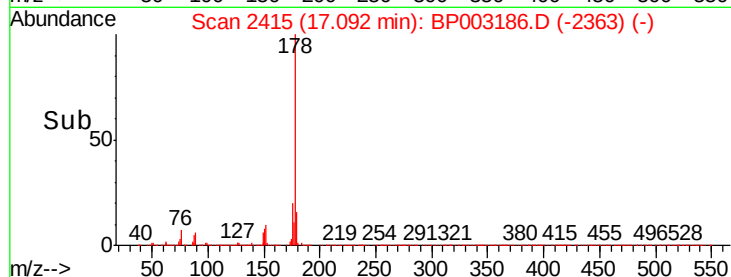
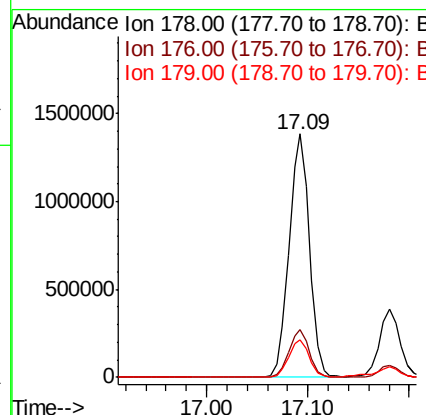
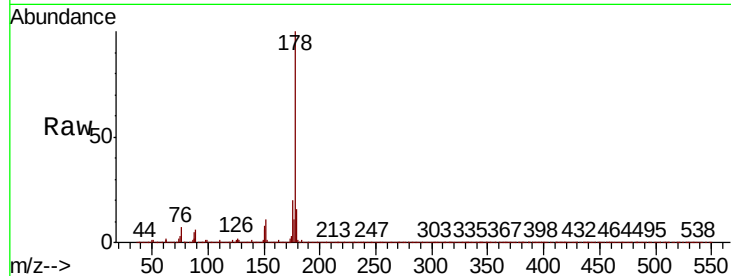
#71
Phenanthrene
Concen: 29.762 ng
RT: 17.09 min Scan# 2415
Delta R.T. 0.01 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-01-CDL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.6	12.5	18.7

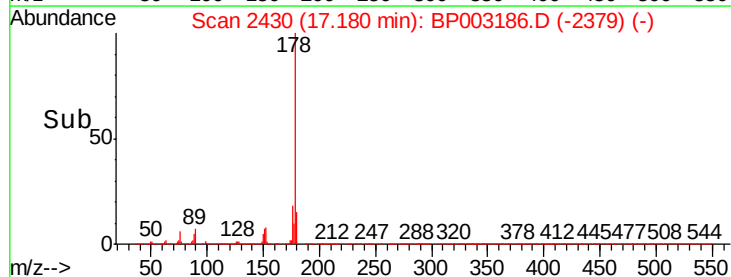
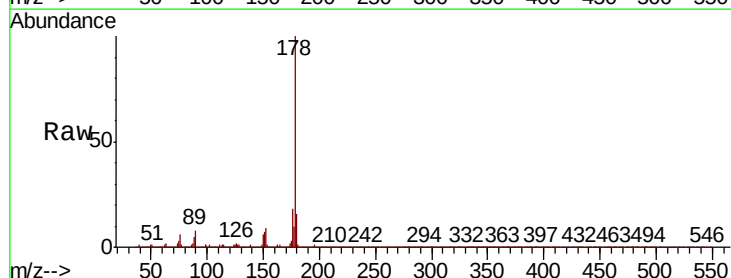
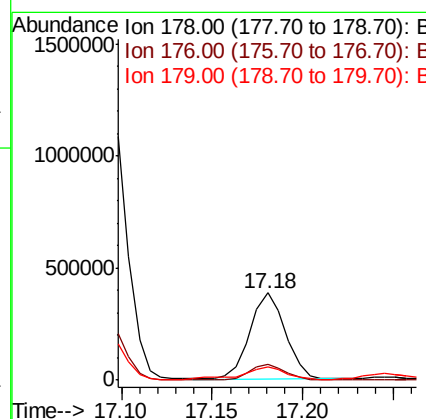
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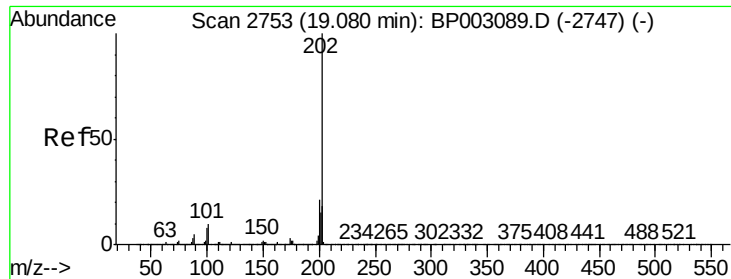
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#72
Anthracene
Concen: 8.402 ng
RT: 17.18 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.6	12.5	18.7





#75

Fluoranthene

Concen: 54.185 ng

RT: 19.07 min Scan# 2752

Delta R.T. 0.01 min

Lab File: BP003186.D

Acq: 02 Sep 2020 14:46

Instrument :

BNA_P

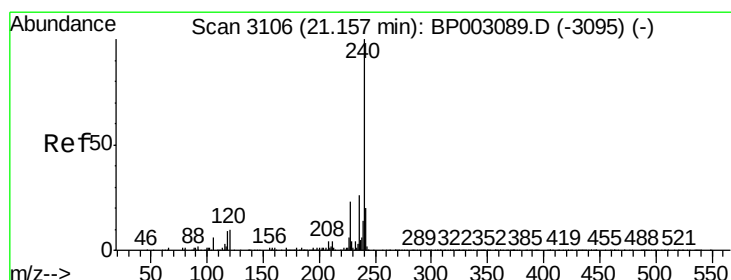
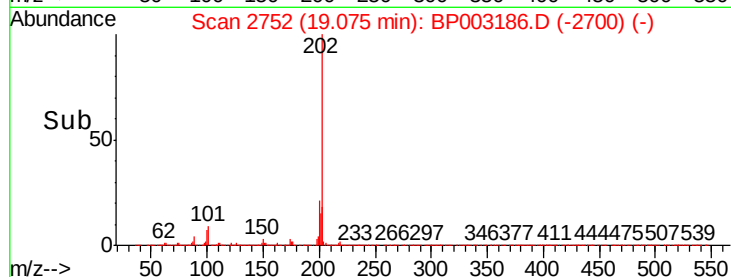
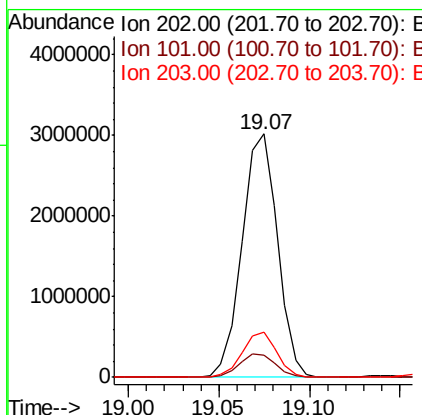
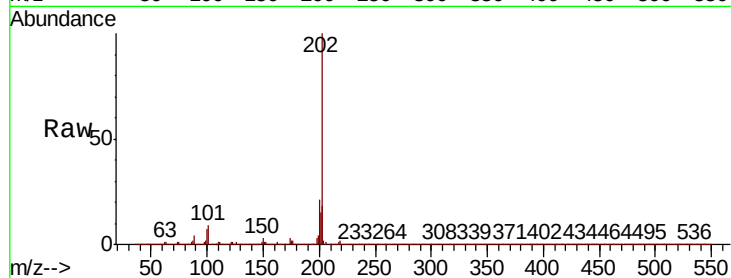
ClientSampleId :

LINDEN-BH-01-CDL

Tot Ion:	202	Resp:	4104470
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
203	18.3	0.0	37.8

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#76

Chrysene-d12

Concen: 20.000 ng

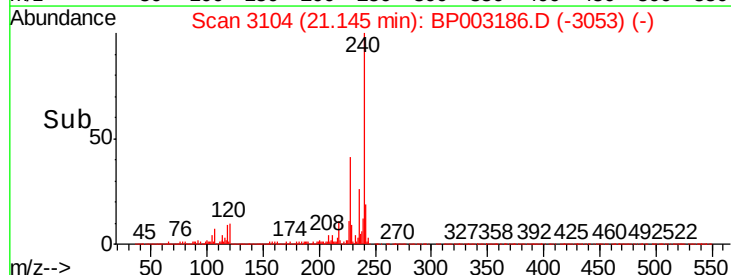
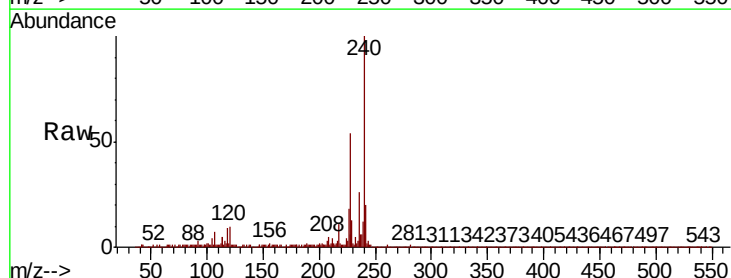
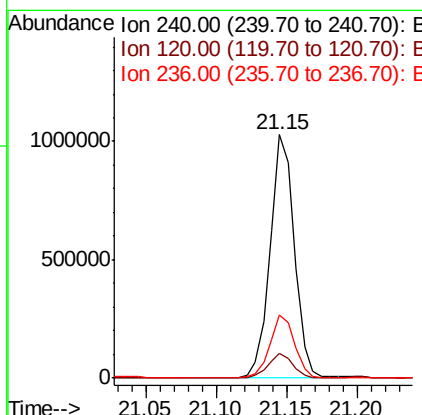
RT: 21.15 min Scan# 3104

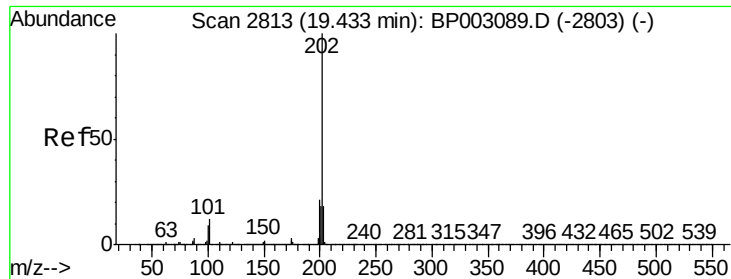
Delta R.T. -0.00 min

Lab File: BP003186.D

Acq: 02 Sep 2020 14:46

Tgt Ion:	240	Resp:	1232280
Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.8	11.6
236	26.0	20.8	31.2





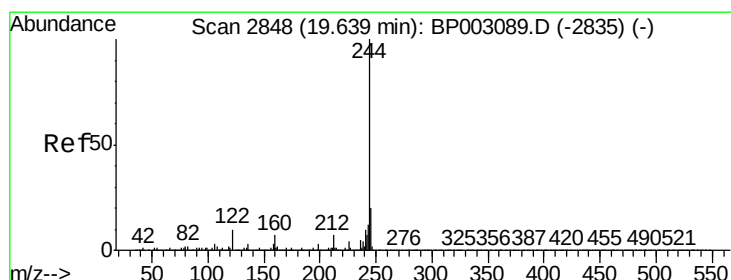
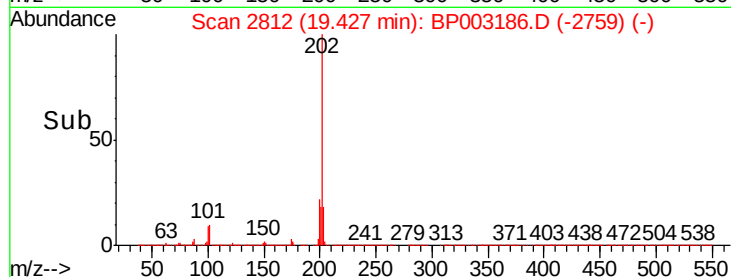
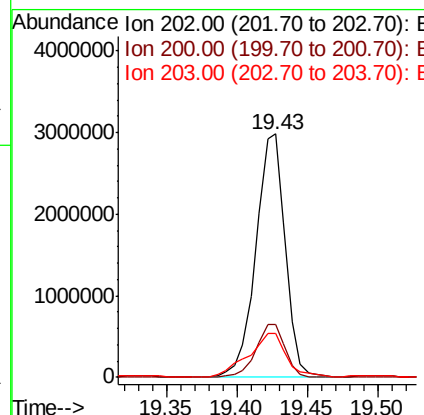
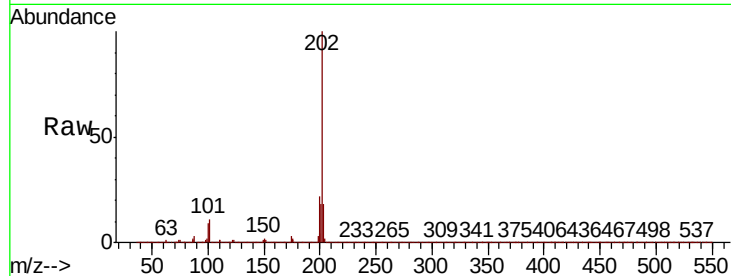
#78
Pvrene
Concen: 54.545 ng
RT: 19.43 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-01-CDL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	18.1	14.2	21.2

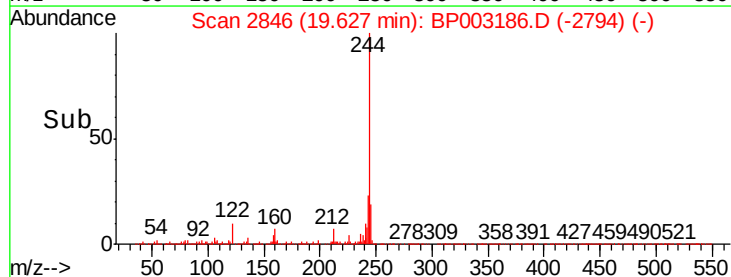
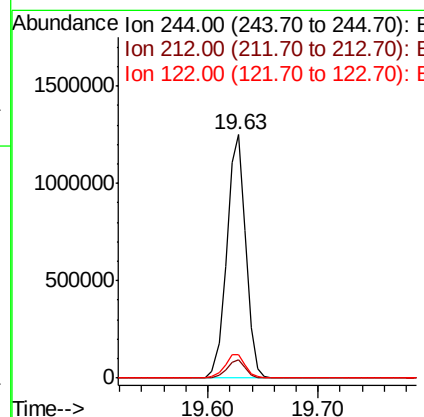
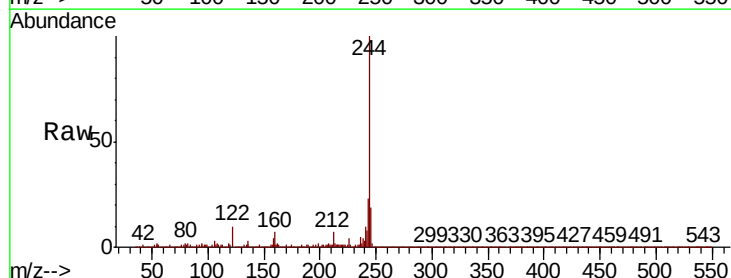
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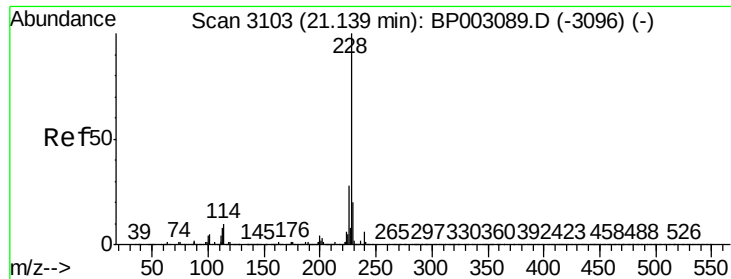
mohammad
9/3/2020 1:48:26 PM



#79
Terphenyl-d14
Concen: 26.661 ng
RT: 19.63 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.8	7.8	11.8





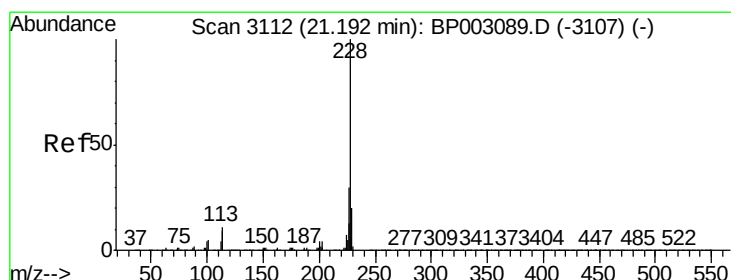
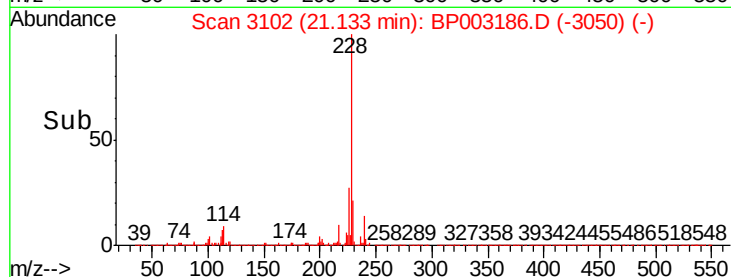
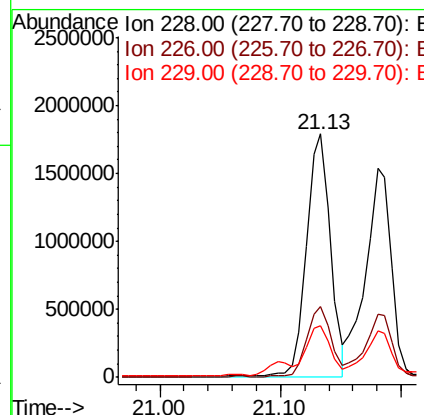
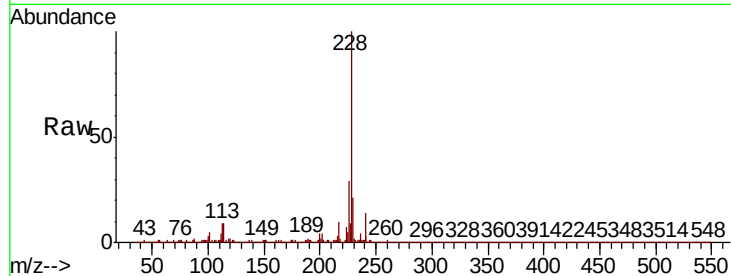
#81
Benzo(a)anthracene
Concen: 31.715 ng
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-01-CDL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.1	33.1
229	21.3	15.9	23.9

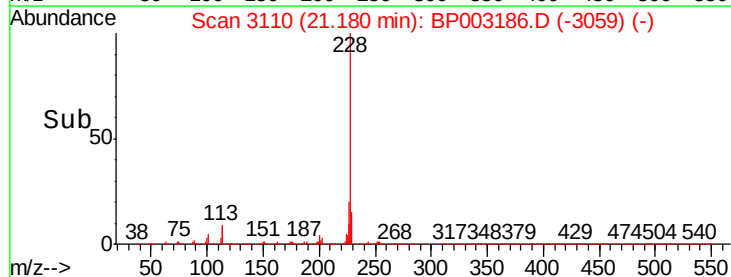
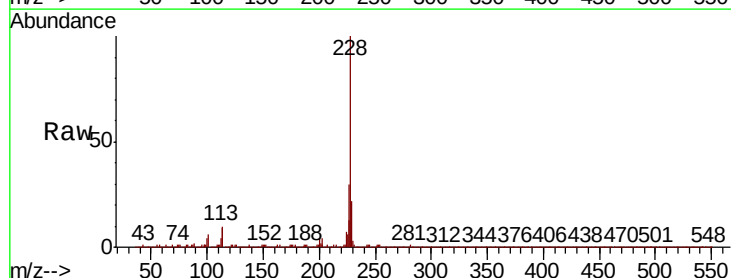
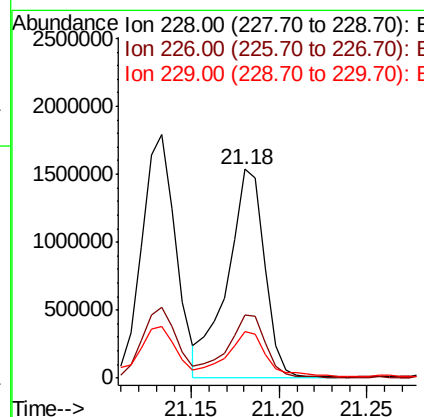
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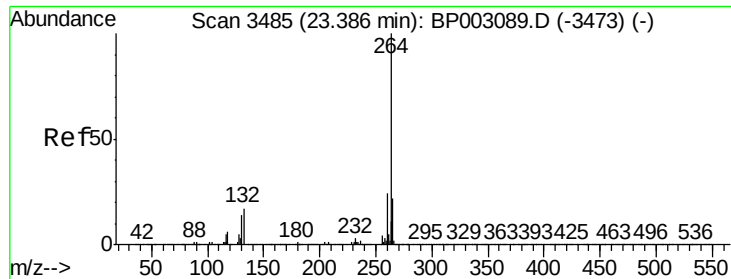
mohammad
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#83
Chrysene
Concen: 31.129 ng m
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	22.2	15.8	23.6





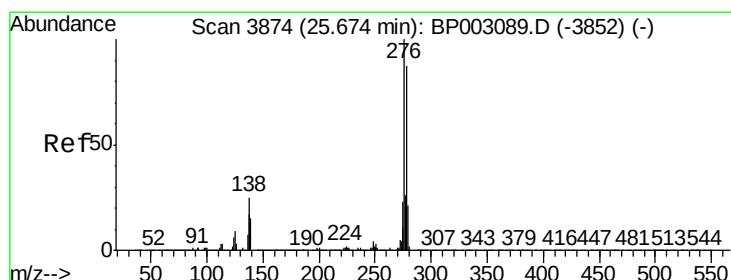
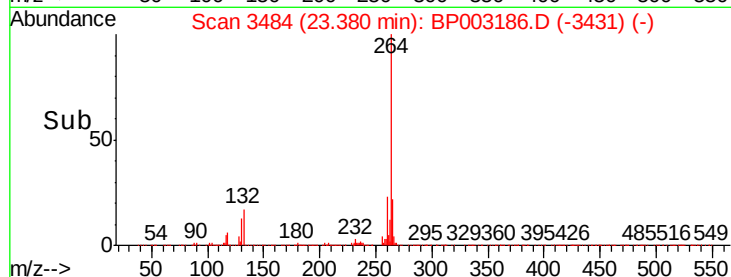
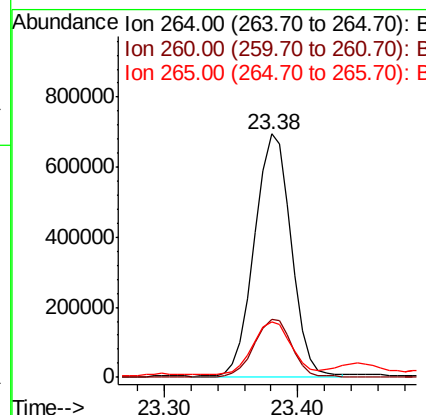
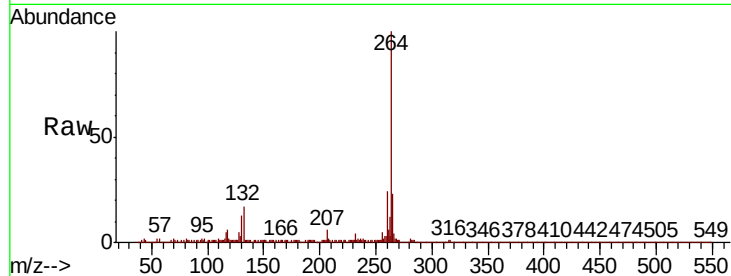
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-01-CDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.7	17.4	26.2

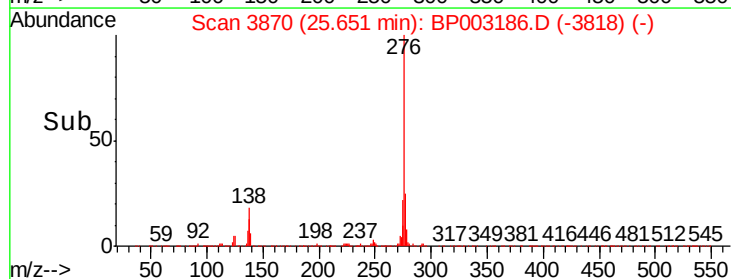
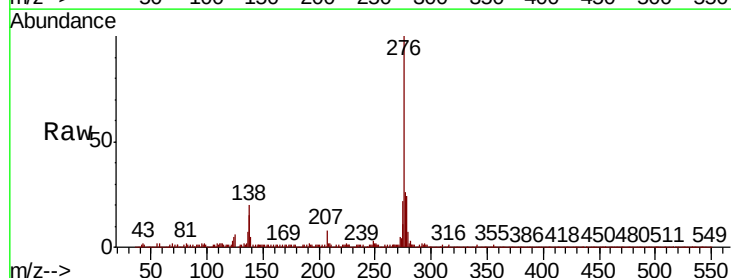
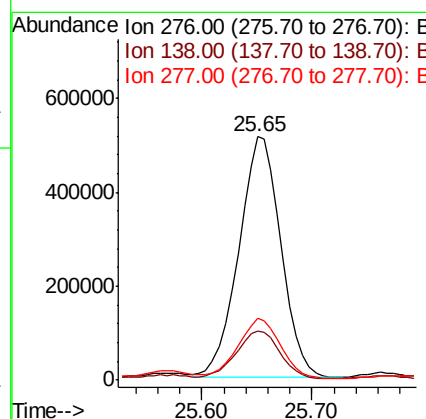
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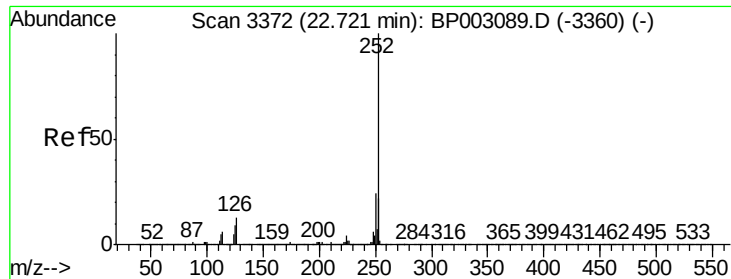
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 13.980 ng
RT: 25.65 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	18.7	28.1
277	25.1	20.4	30.6





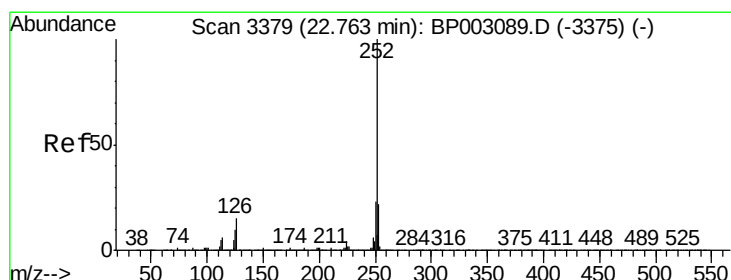
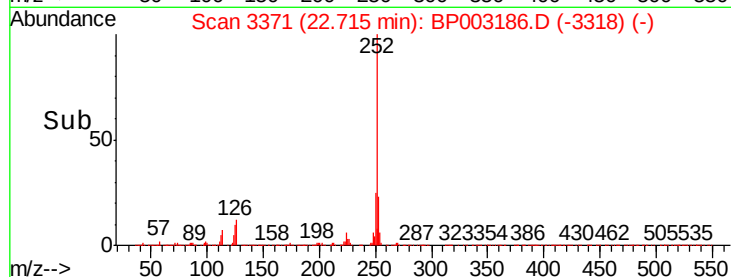
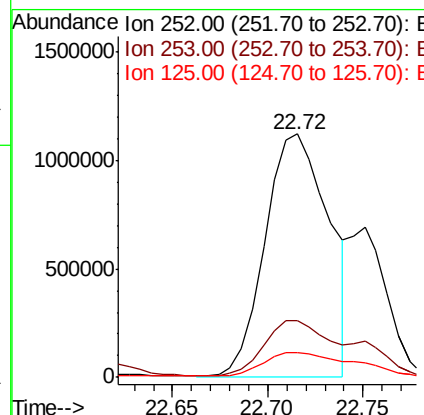
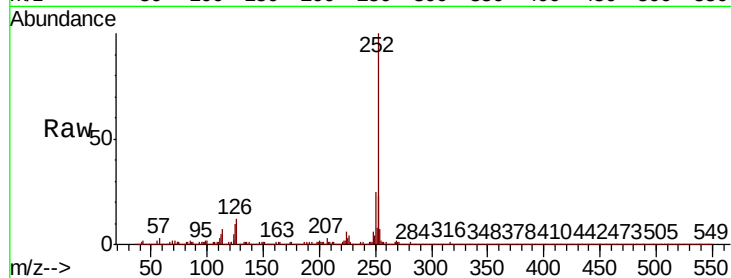
#88
Benzo(b)fluoranthene
Concen: 32.226 ng m
RT: 22.72 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-01-CDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	10.1	7.3	10.9

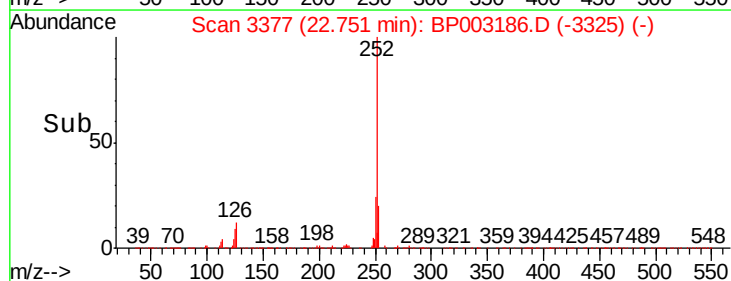
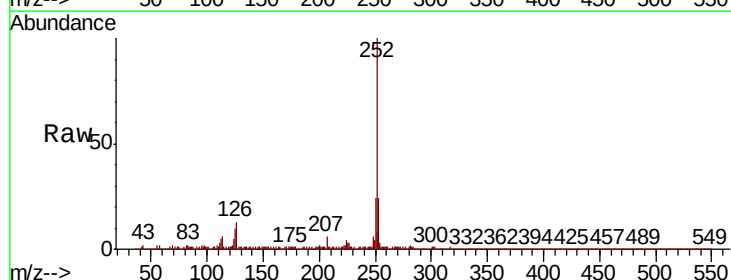
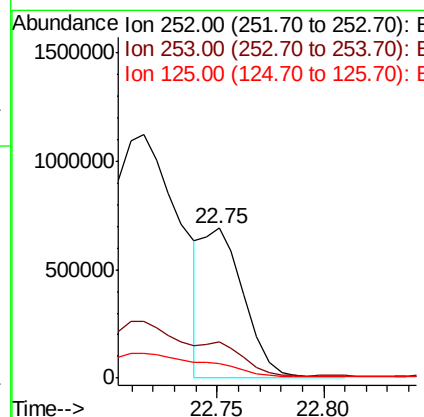
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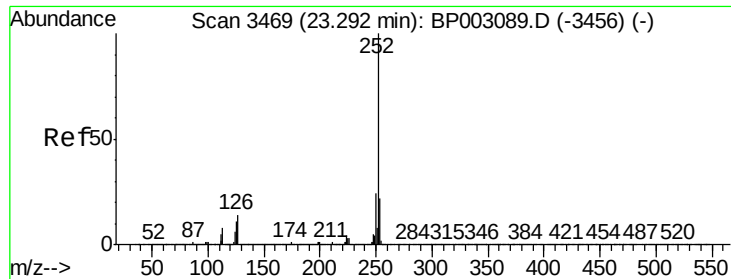
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#89
Benzo(k)fluoranthene
Concen: 12.029 ng m
RT: 22.75 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	9.6	7.4	11.2





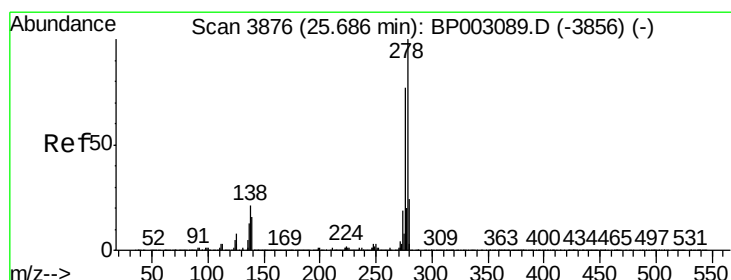
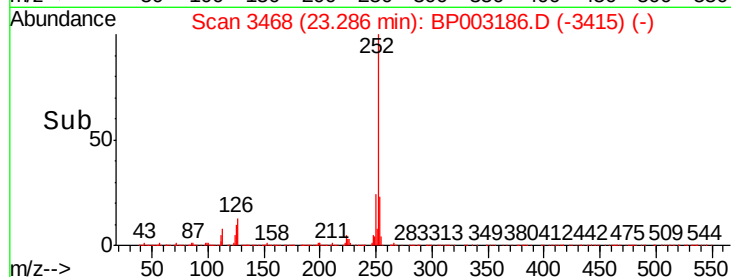
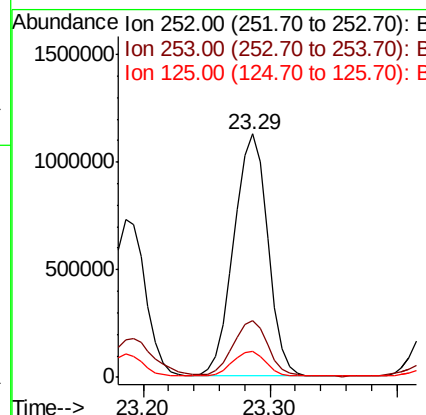
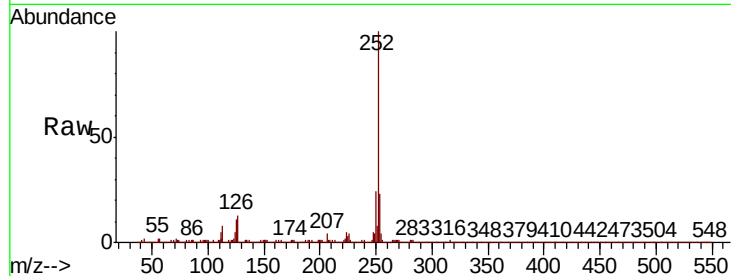
#90
Benzo(a)pyrene
Concen: 27.605 ng
RT: 23.29 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-01-CDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	10.5	8.2	12.4

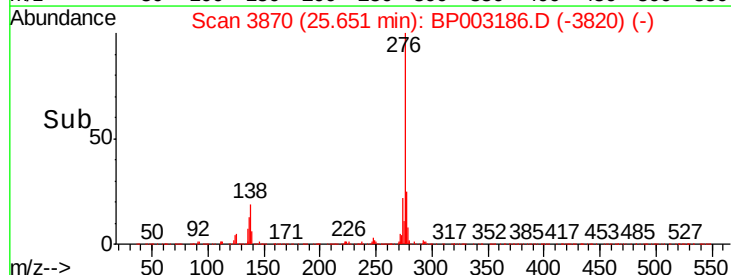
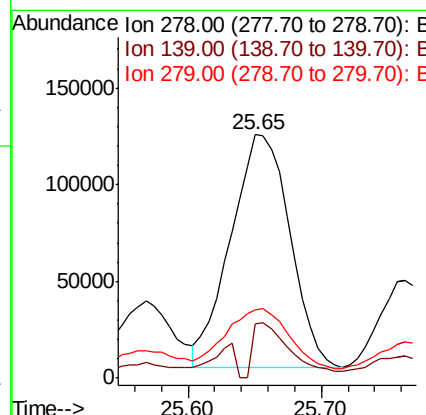
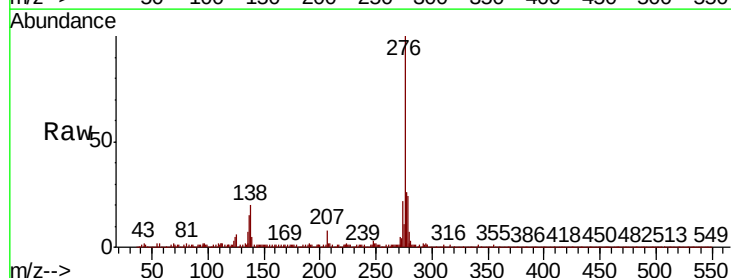
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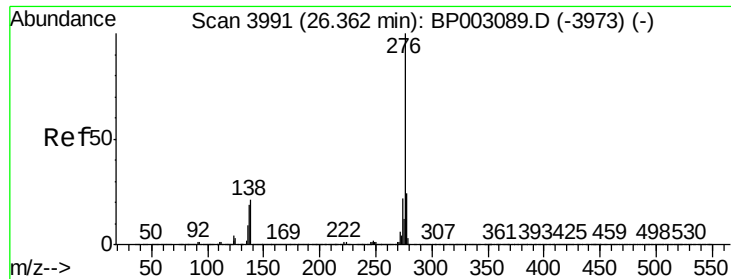
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 4.613 ng
RT: 25.65 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BP003186.D
Acq: 02 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	12.4	18.6#
279	28.0	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 16.649 ng
 RT: 26.34 min Scan# 3988
 Delta R.T. 0.01 min
 Lab File: BP003186.D
 Acq: 02 Sep 2020 14:46

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-01-CDL

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.6
138	21.3	16.6	24.8

Manual Integrations
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