

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
 Data File : BP000142.D
 Acq On : 09 Sep 2019 19:13
 Operator : HP/JU
 Sample : K4633-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 F2D08

Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:52:17 PM

Quant Time: Sep 10 04:38:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	388426	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1528320	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	820820	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1490679	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1121711	20.00	ng/ul	0.00
86) Perylene-d12	15.69	264	1131500	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	49681	4.54	ng/uL	0.00
5) Phenol-d5	6.50	99	861403	26.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	463851	26.81	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	719547	26.89	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	631482	25.41	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	341076	29.39	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	357948	31.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	622798	25.97	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	780743	26.33	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1768319	29.18	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2102390	28.07	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	248074	22.91	ng/ul	0.00
58) Fluorene-d10	10.47	176	1471815	28.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	169146	24.69	ng/ul	0.00
71) Anthracene-d10	11.50	188	2156488	29.87	ng/ul	0.00
79) Pyrene-d10	12.90	212	2209596	33.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	1869460	31.88	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.52	94	158495	4.597	ng/ul	97
28) Naphthalene	8.20	128	94554	1.136	ng/ul	99
45) Dimethylphthalate	9.65	163	605077	9.893	ng/ul	100
50) Acenaphthene	9.98	153	119748	2.208	ng/ul	96
70) Phenanthrene	11.47	178	971832	11.024	ng/ul	99
72) Anthracene	11.52	178	189808	2.188	ng/ul	99
75) Carbazole	11.68	167	141951	1.914	ng/ul	99
77) Fluoranthene	12.68	202	1942899	21.851	ng/ul	95
80) Pyrene	12.92	202	1622882	19.177	ng/ul	99
83) Benzo(a)anthracene	14.13	228	1173081	14.447	ng/ul	99
85) Chrysene	14.17	228	1276732	17.135	ng/ul	98
88) Benzo(b)fluoranthene	15.23	252	2413252	32.180	ng/ul	99
89) Benzo(k)fluoranthene	15.26	252	480645m	6.799	ng/ul	
91) Benzo(a)pyrene	15.62	252	1292369	18.367	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	17.25	276	1021706	12.622	ng/ul	99
93) Dibenzo(a,h)anthracene	17.26	278	267991	3.997	ng/ul	94
94) Benzo(g,h,i)perylene	17.71	276	864821	12.814	ng/ul	99

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

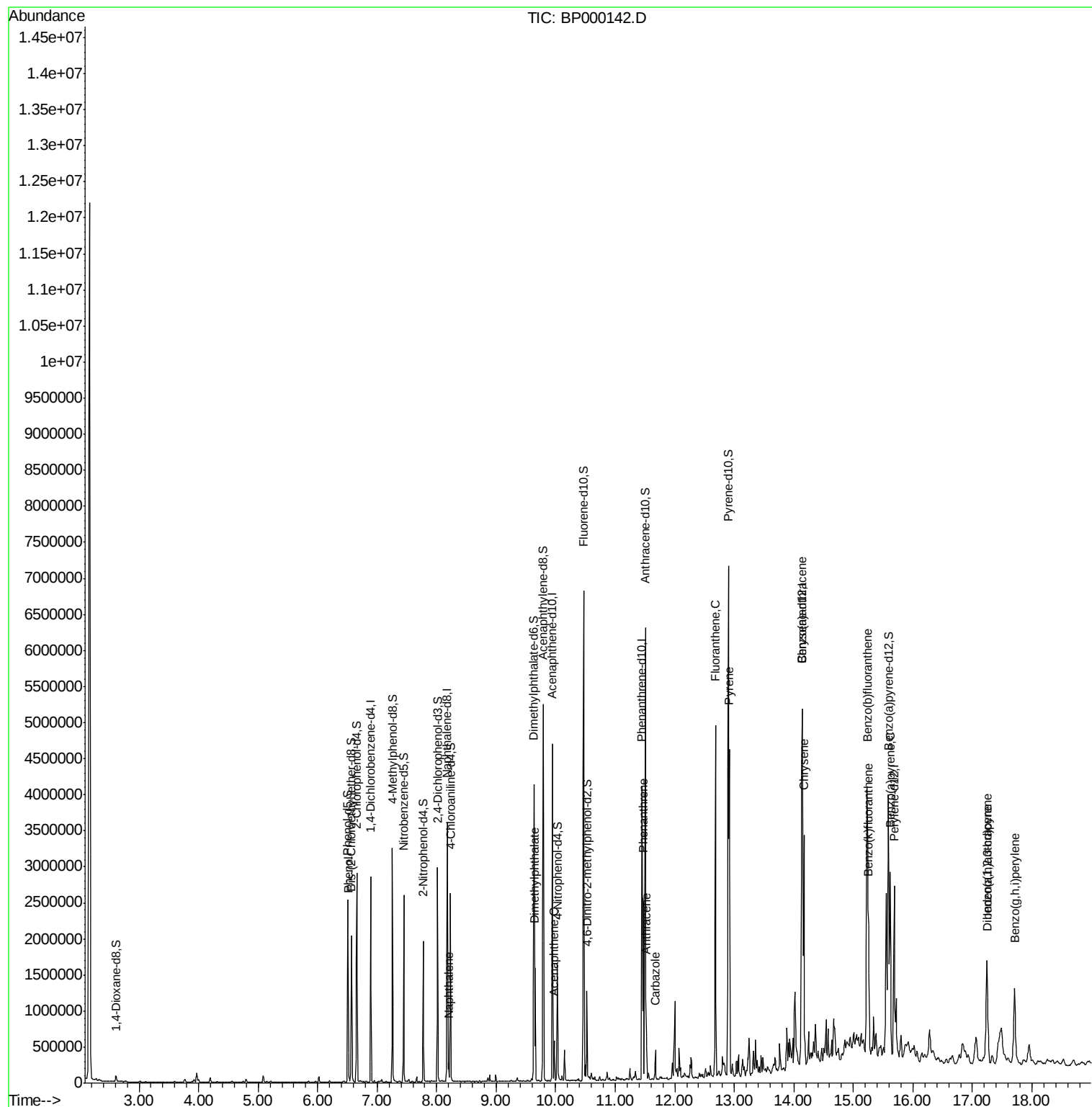
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000142.D
Acq On : 09 Sep 2019 19:13
Operator : HP/JU
Sample : K4633-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

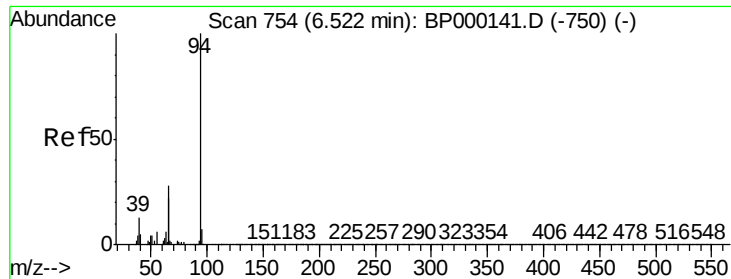
Instrument :
BNA_P
ClientSampleId :
F2D08

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Quant Time: Sep 10 04:38:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration





#6

Phenol

Concen: 4.597 ng/ul

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

Instrument :

BNA_P

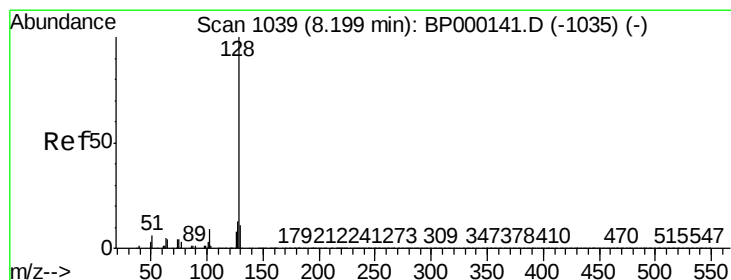
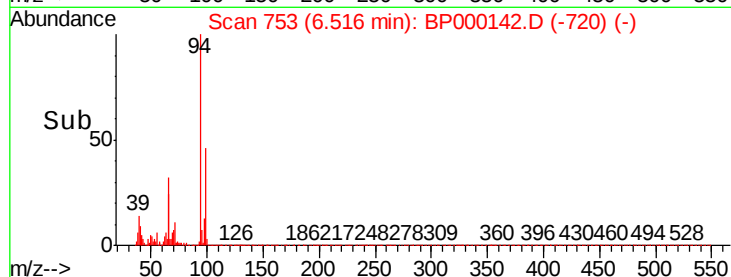
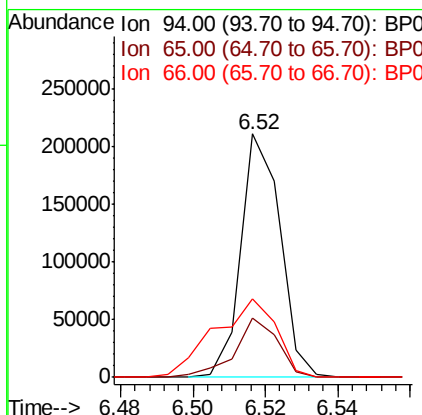
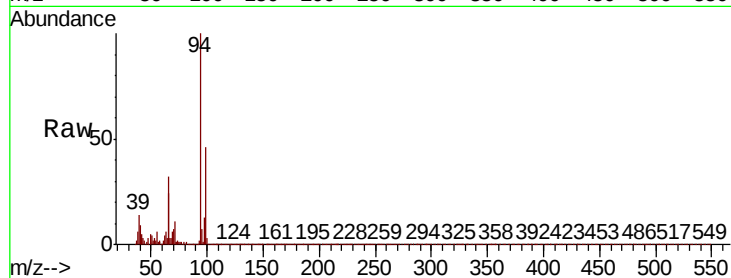
ClientSampleId :

F2D08

Tot Ion:	94	Resp:	158495
Ion Ratio	Lower	Upper	
94	100		
65	24.2	18.8	28.2
66	32.2	24.2	36.2

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#28

Naphthalene

Concen: 1.136 ng/ul

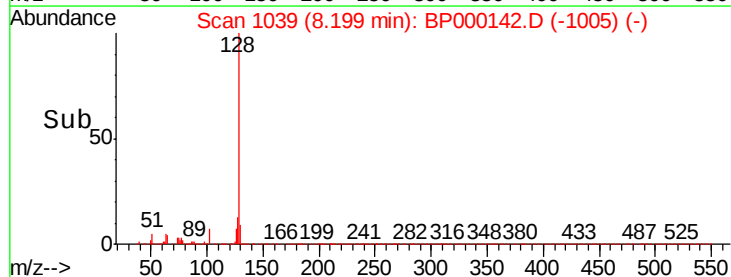
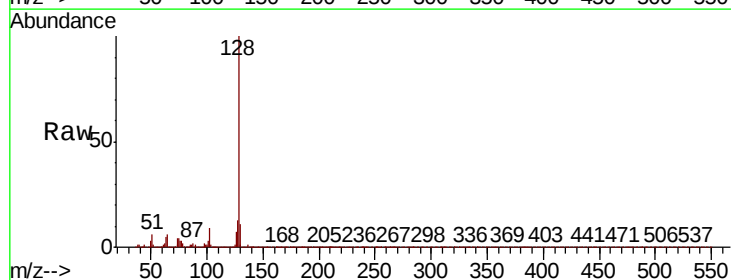
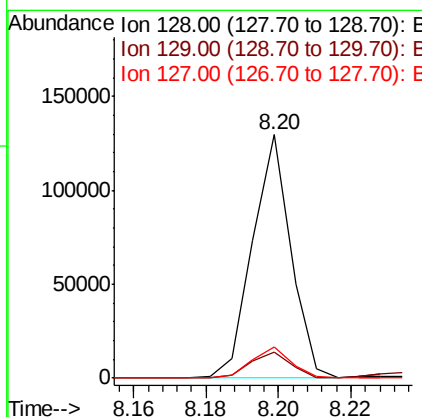
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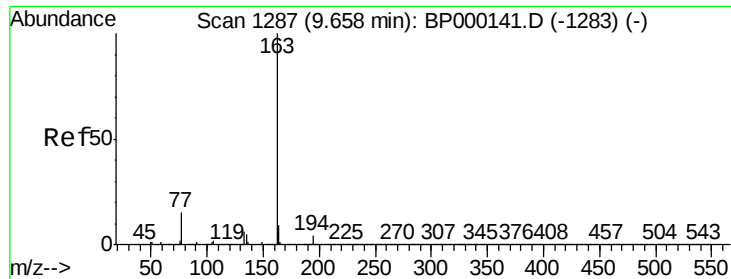
Delta R.T. 0.00 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

Tgt Ion:	128	Resp:	94554
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.1	13.7
127	13.0	10.7	16.1





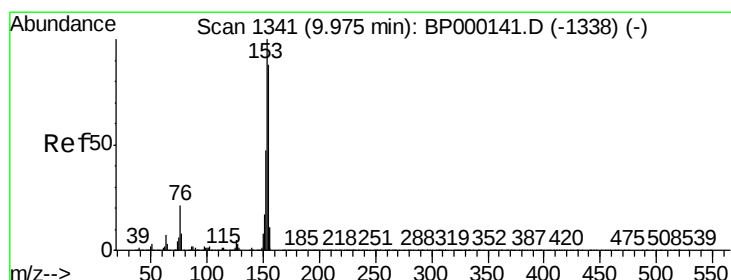
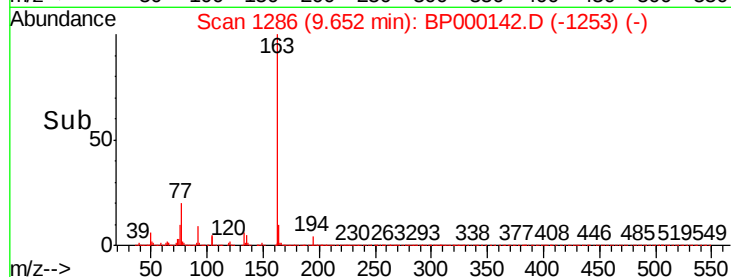
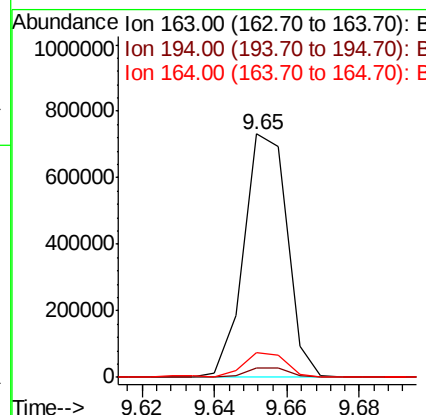
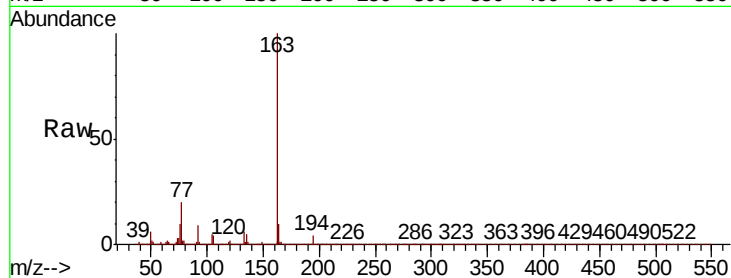
#45
Dimethylphthalate
Concen: 9.893 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Instrument :
BNA_P
ClientSampleId :
F2D08

Tot Ion:	163	Resp:	605077
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.3	8.4	12.6

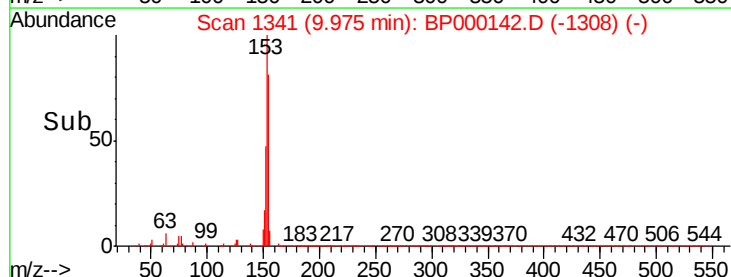
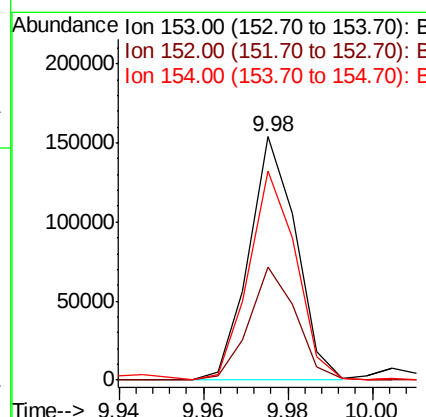
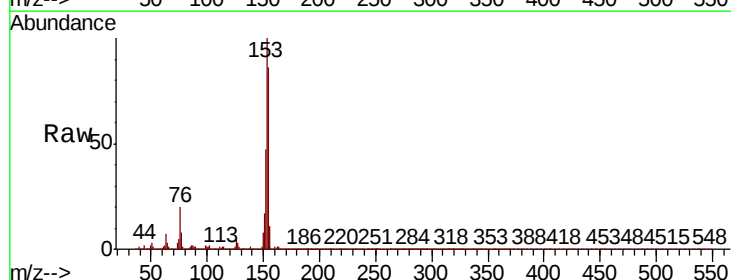
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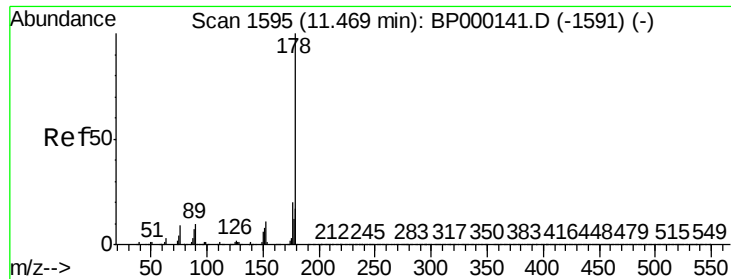
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#50
Acenaphthene
Concen: 2.208 ng/ul
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Tgt Ion:	153	Resp:	119748
Ion Ratio	Lower	Upper	
153	100		
152	46.6	38.0	57.0
154	85.8	72.6	108.8





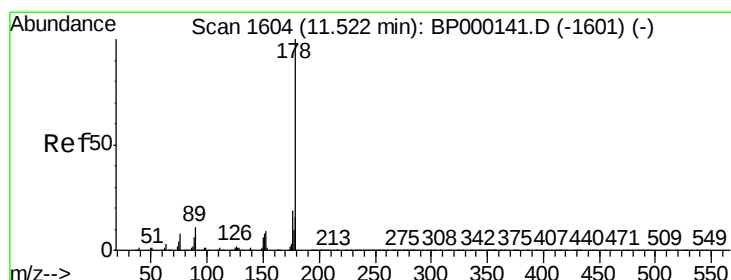
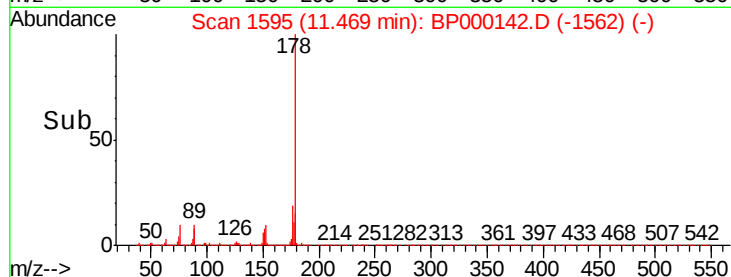
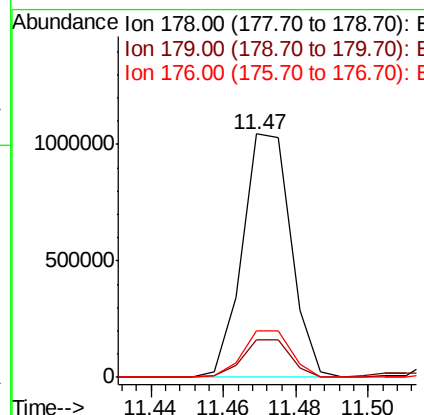
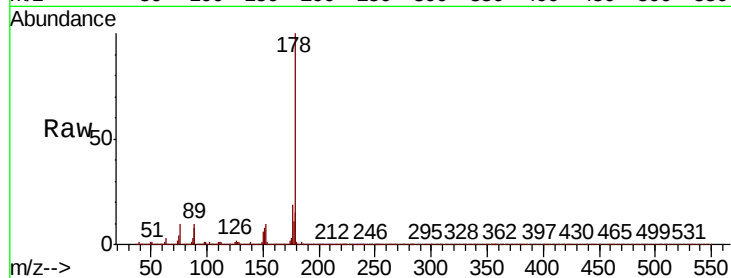
#70
Phenanthrene
Concen: 11.024 ng/ul
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Instrument :
BNA_P
ClientSampled :
F2D08

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.9	15.7	23.5

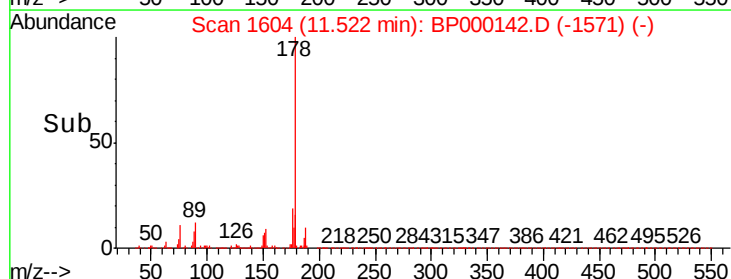
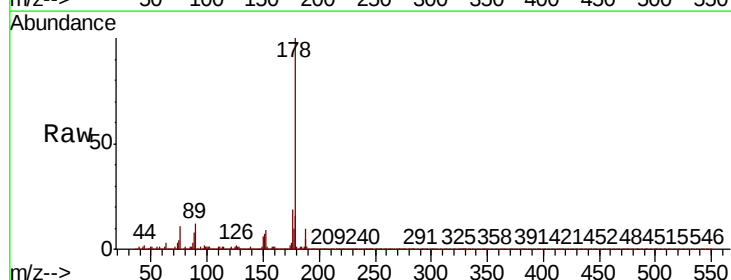
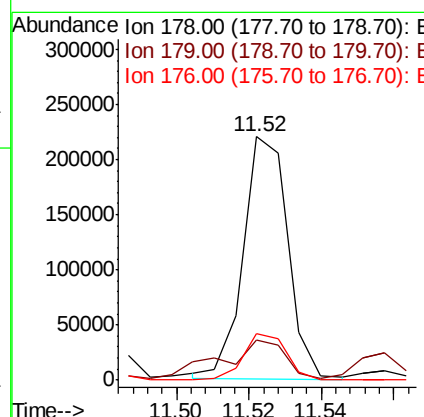
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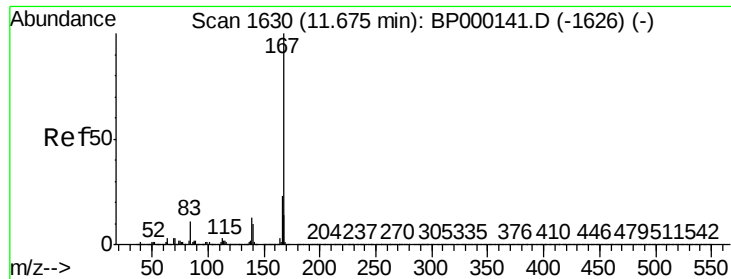
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#72
Anthracene
Concen: 2.188 ng/ul
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	19.0	15.1	22.7





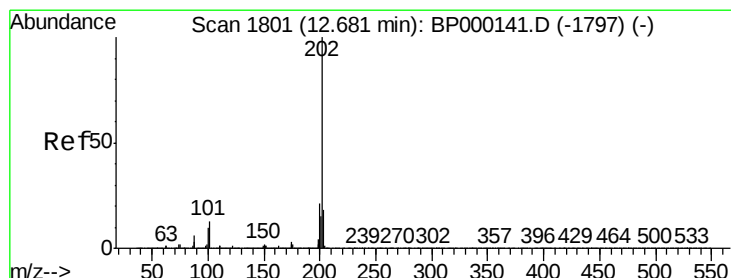
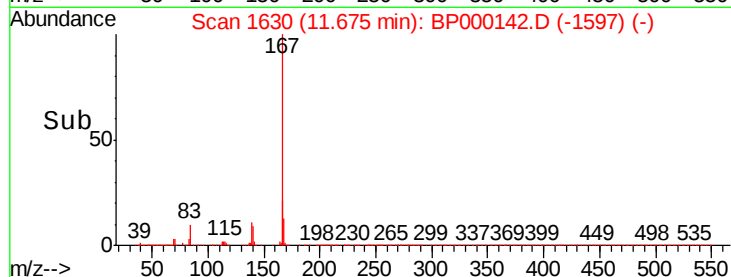
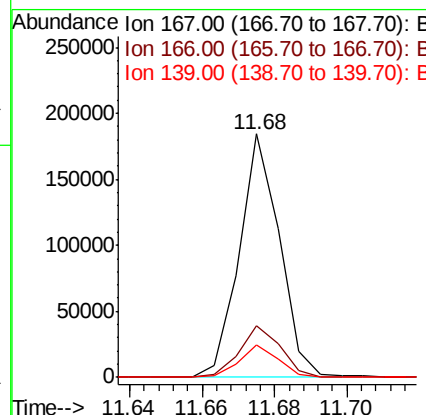
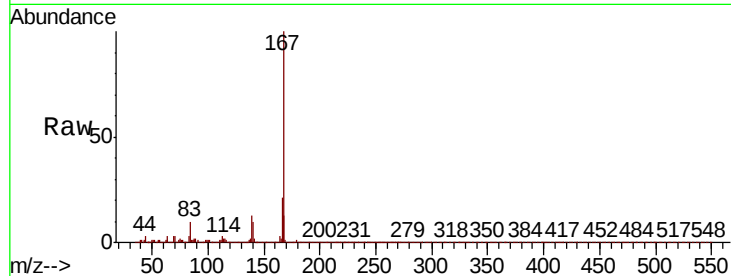
#75
 Carbazole
 Concen: 1.914 ng/ul
 RT: 11.68 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BP000142.D
 Acq: 09 Sep 2019 19:13

Instrument :
 BNA_P
 ClientSampled :
 F2D08

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.3	25.9
139	13.2	10.6	15.8

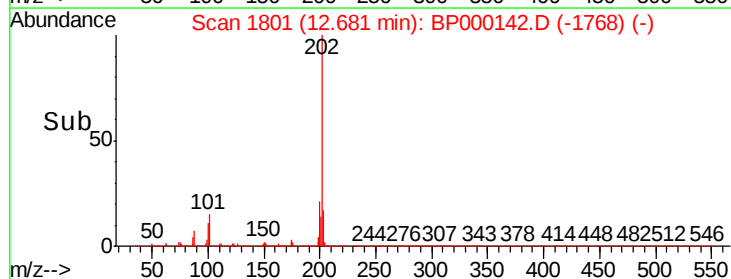
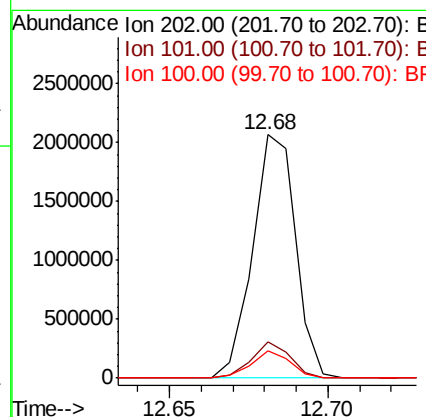
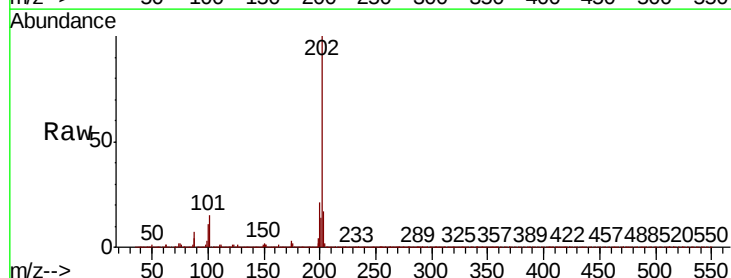
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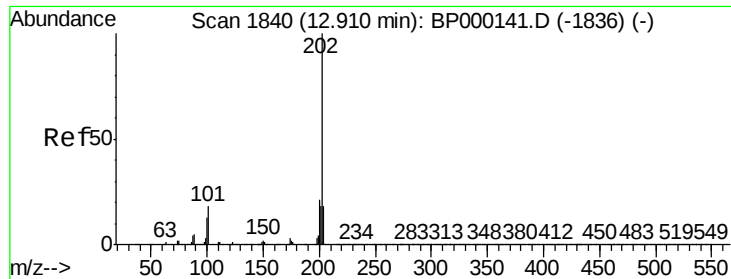
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#77
 Fluoranthene
 Concen: 21.851 ng/ul
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BP000142.D
 Acq: 09 Sep 2019 19:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.0	15.0
100	11.0	7.4	11.2





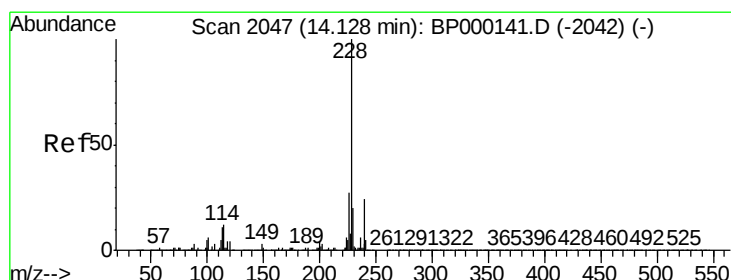
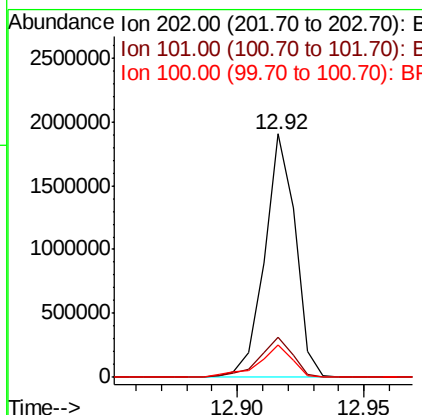
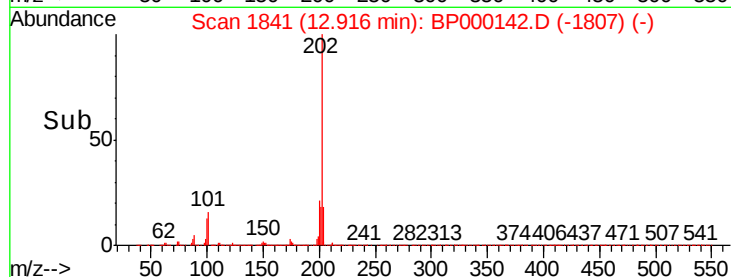
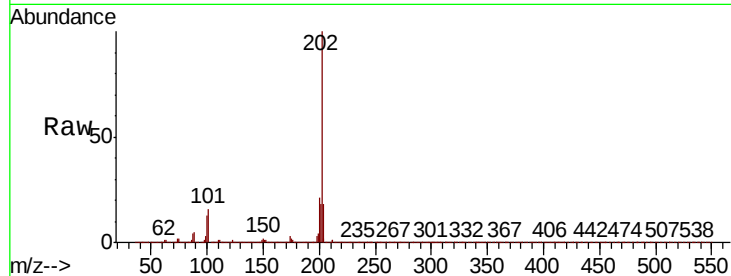
#80
Pvrene
Concen: 19.177 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Instrument :
BNA_P
ClientSampleId :
F2D08

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.4	13.4	20.0
100	13.1	10.8	16.2

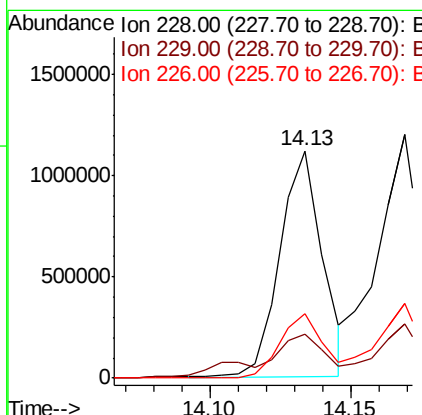
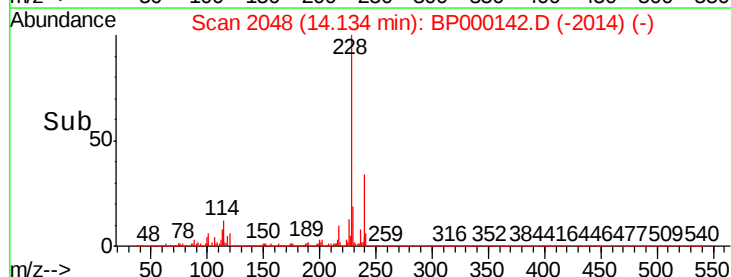
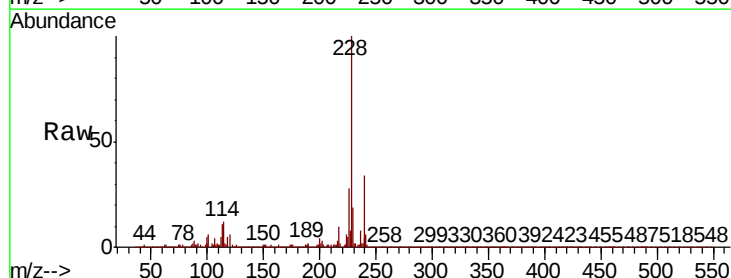
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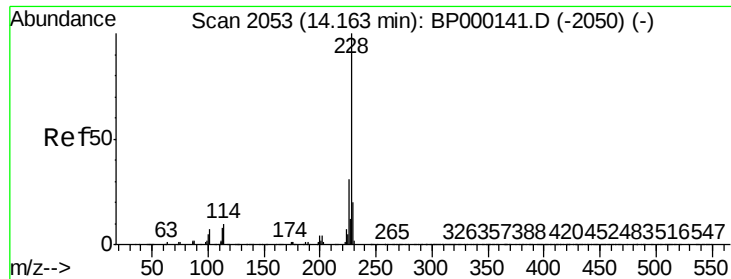
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#83
Benzo(a)anthracene
Concen: 14.447 ng/ul
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.9	23.9
226	28.2	22.1	33.1





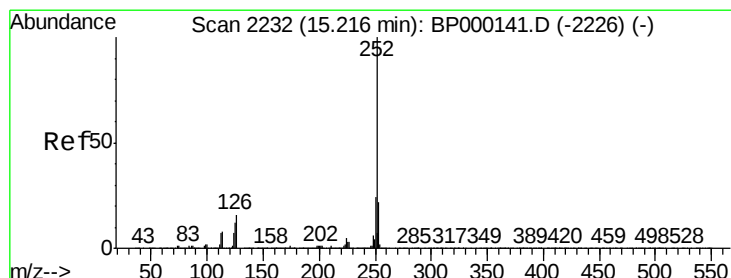
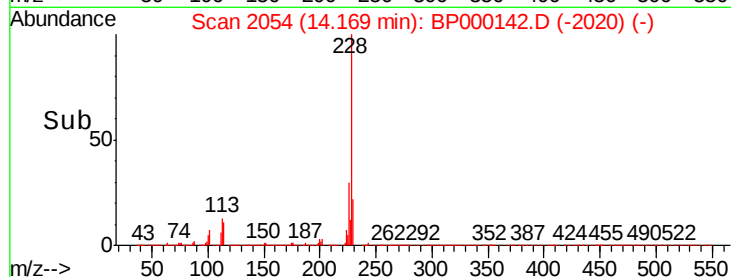
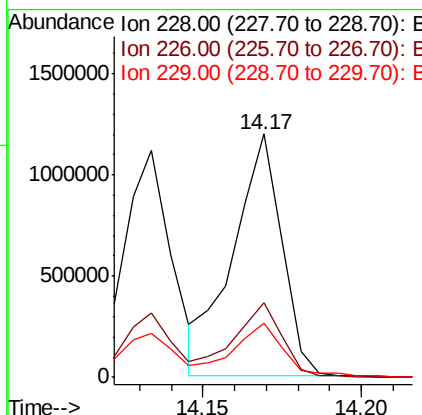
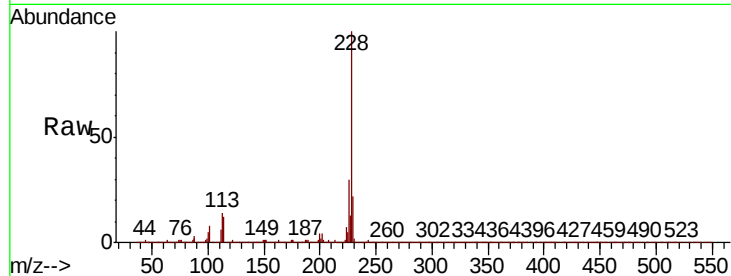
#85
Chrysene
Concen: 17.135 ng/ul
RT: 14.17 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Instrument :
BNA_P
ClientSampleId :
F2D08

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.0	16.0	24.0

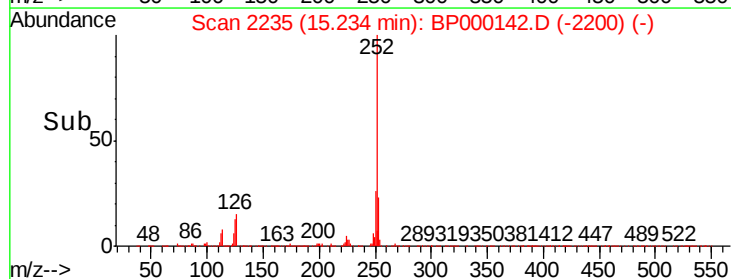
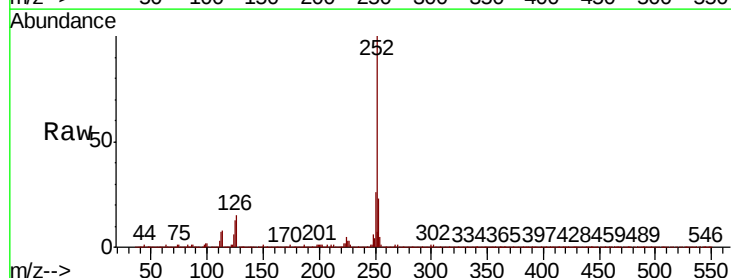
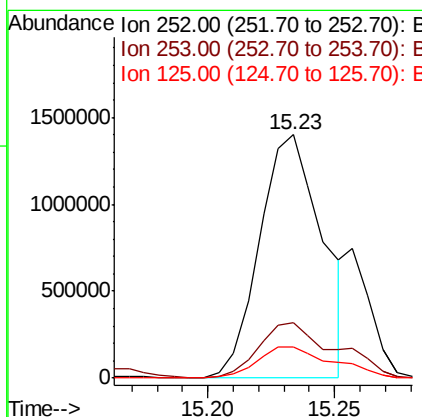
Manual Integrations
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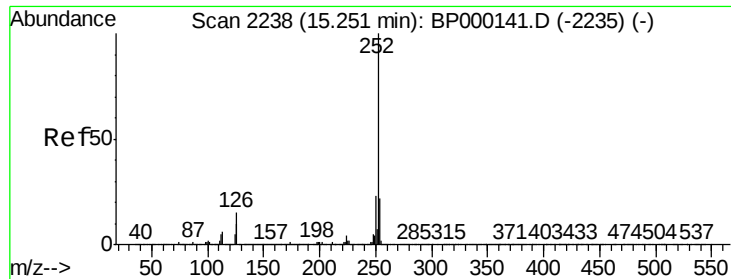
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#88
Benzo(b)fluoranthene
Concen: 32.180 ng/ul
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	12.8	9.9	14.9





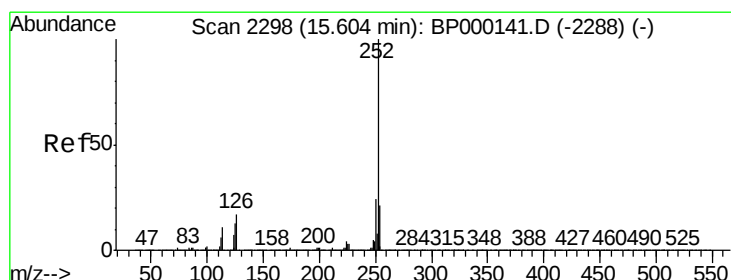
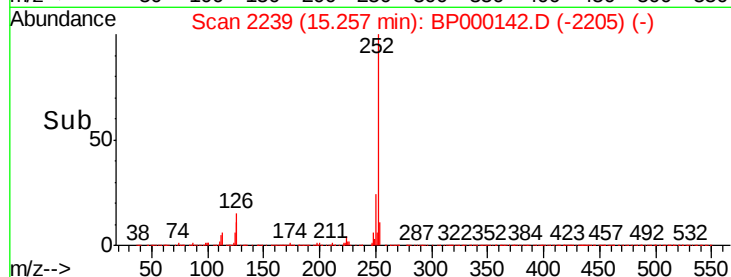
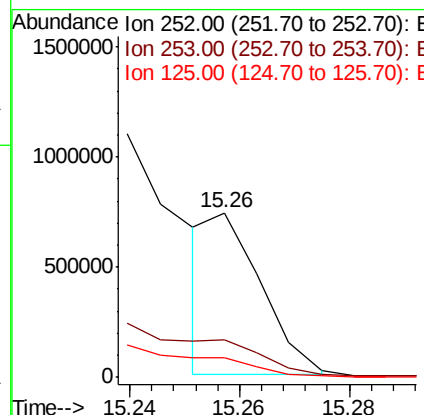
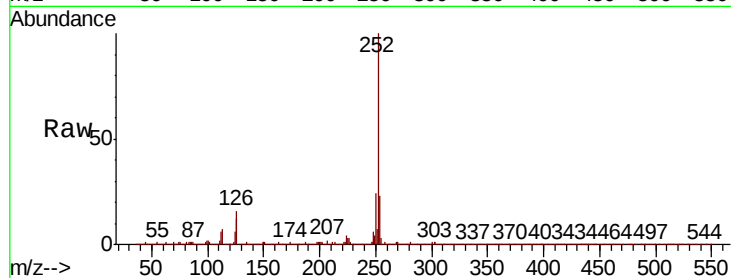
#89
Benzo(k)fluoranthene
Concen: 6.799 ng/ul m
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Instrument :
BNA_P
ClientSampleId :
F2D08

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.5	10.2	15.2

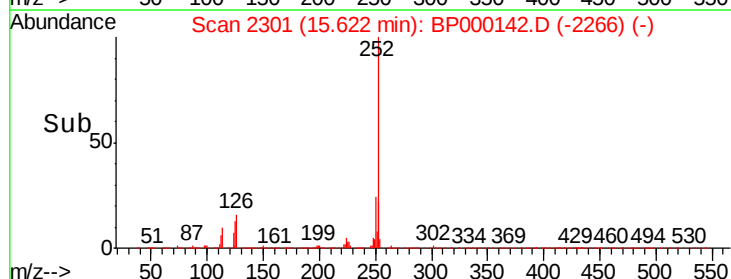
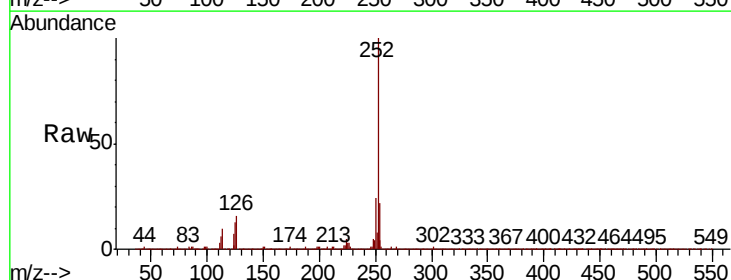
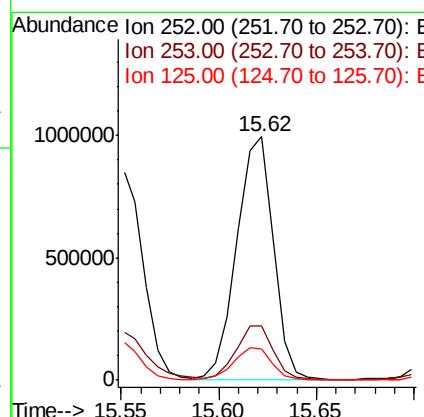
Manual Integrations
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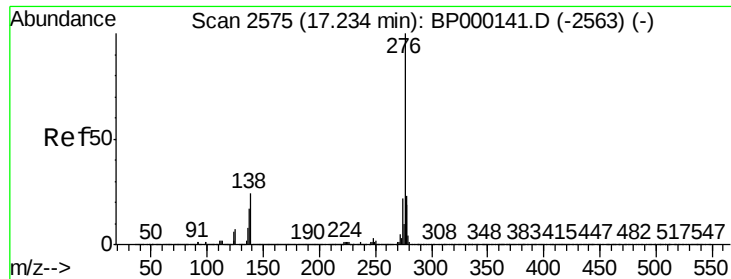
mohammad
9/10/2019 2:52:17 PM



#91
Benzo(a)pyrene
Concen: 18.367 ng/ul
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.7	10.2	15.2





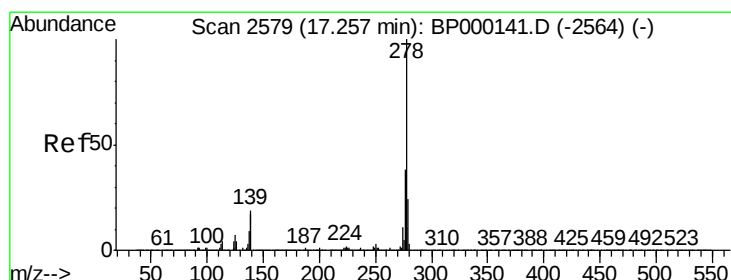
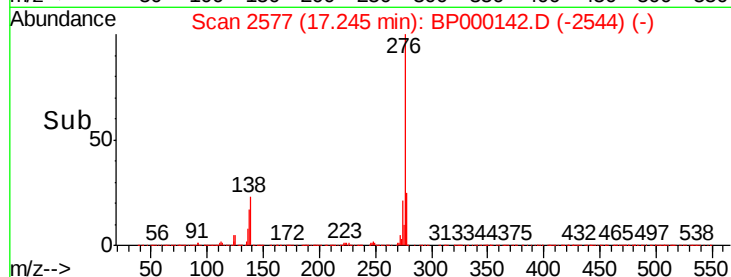
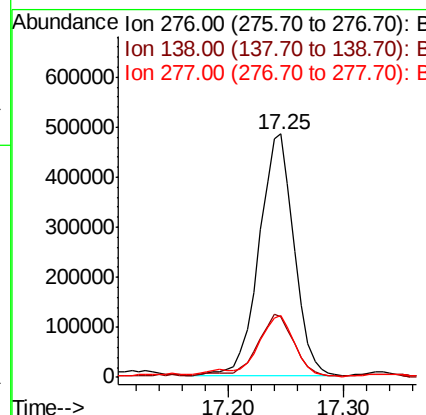
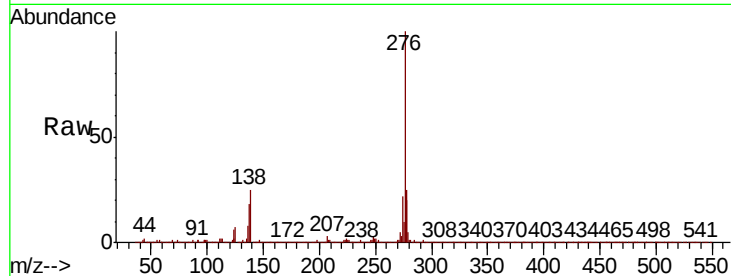
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 12.622 ng/ul
 RT: 17.25 min Scan# 2577
 Delta R.T. -0.01 min
 Lab File: BP000142.D
 Acq: 09 Sep 2019 19:13

Instrument :
 BNA_P
 ClientSampleId :
 F2D08

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.0	30.0
277	25.2	19.4	29.0

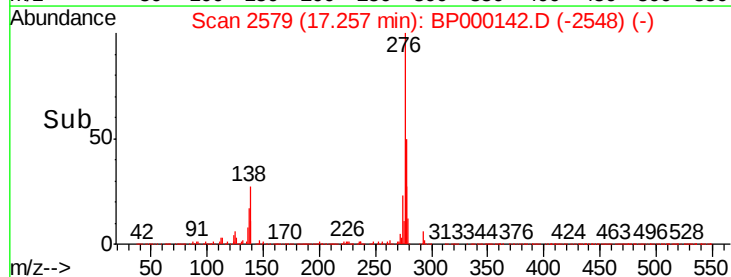
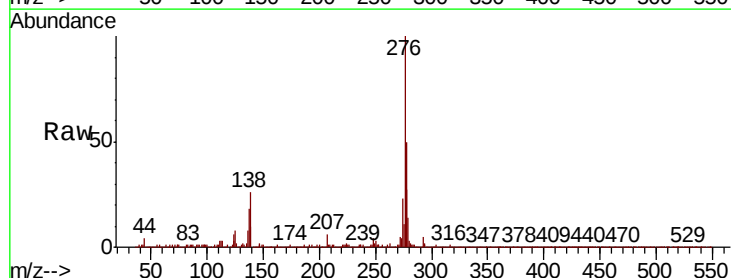
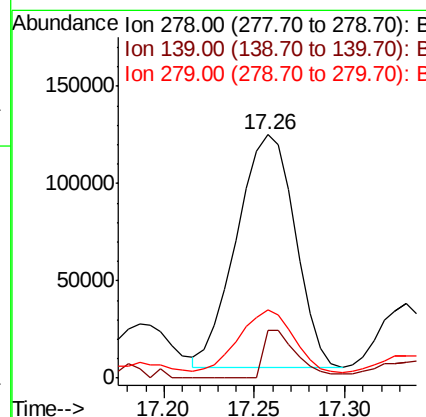
Manual Integrations
 APPROVED

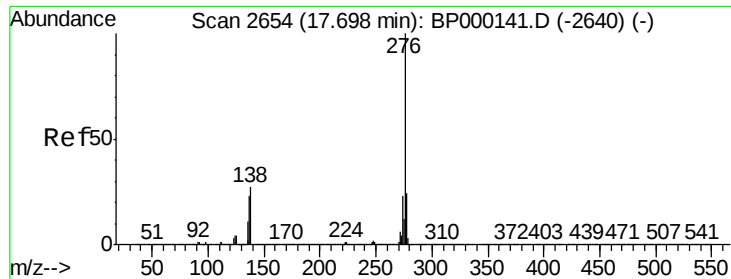
mohammad
 9/10/2019 2:52:17 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 3.997 ng/ul
 RT: 17.26 min Scan# 2579
 Delta R.T. -0.02 min
 Lab File: BP000142.D
 Acq: 09 Sep 2019 19:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.1	22.7
279	28.1	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 12.814 ng/ul

RT: 17.71 min Scan# 2656

Delta R.T. -0.01 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

Instrument :

BNA_P

ClientSampleId :

F2D08

Tot Ion:	276	Resp:	864821
Ion Ratio	Lower	Upper	
276	100		
138	24.7	20.0	30.0
277	23.1	19.1	28.7

Manual Integrations
APPROVED

mohammad
9/10/2019 2:52:17 PM

