

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
 Data File : BP001814.D
 Acq On : 20 Feb 2020 21:48
 Operator : CG/JU
 Sample : L1418-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C5AT6

Manual Integrations
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Quant Time: Feb 21 08:06:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 21 07:12:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	383795	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1433961	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	485832	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.09	188	943413	20.00	ng/ul	0.04
78) Chrysene-d12	21.16	240	1079589m	20.00	ng/ul	0.02
86) Perylene-d12	23.38	264	1318991	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	29321	3.17	ng/uL	0.00
5) Phenol-d5	6.83	99	590754	20.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	356369	21.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	527111	22.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	328959	14.30	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	245700	25.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	260629	29.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	471754	22.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	80984	3.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	907278	26.61	ng/ul	0.01
47) Acenaphthylene-d8	14.00	160	1081641	25.76	ng/ul	0.02
52) 4-Nitrophenol-d4	14.49	143	130963	22.06	ng/ul	0.00
58) Fluorene-d10	15.32	176	676084	22.05	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.43	200	134668	36.21	ng/ul	0.02
71) Anthracene-d10	17.18	188	912671	21.96	ng/ul	0.04
79) Pyrene-d10	19.42	212	1076594	19.43	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.23	264	1517563	23.82	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	6.81	77	25344	1.428	ng/ul	94
6) Phenol	6.86	94	34652	1.128	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	14.95	232	1380993	183.492	ng/ul#	92
69) Pentachlorophenol	16.78	266	17923876	3098.081	ng/ul	97
70) Phenanthrene	17.11	178	112636	2.165	ng/ul#	1
72) Anthracene	17.22	178	234757	4.568	ng/ul#	29
77) Fluoranthene	19.09	202	571399	10.256	ng/ul#	94
80) Pyrene	19.45	202	5165314	70.340	ng/ul#	92
83) Benzo(a)anthracene	21.15	228	243168m	3.420	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.09	149	62761m	1.662	ng/ul	
85) Chrysene	21.17	228	544406m	7.838	ng/ul	
88) Benzo(b)fluoranthene	22.72	252	321058m	4.137	ng/ul	
91) Benzo(a)pyrene	23.28	252	98102	1.349	ng/ul#	39
94) Benzo(g,h,i)perylene	26.31	276	79908	1.035	ng/ul#	72

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

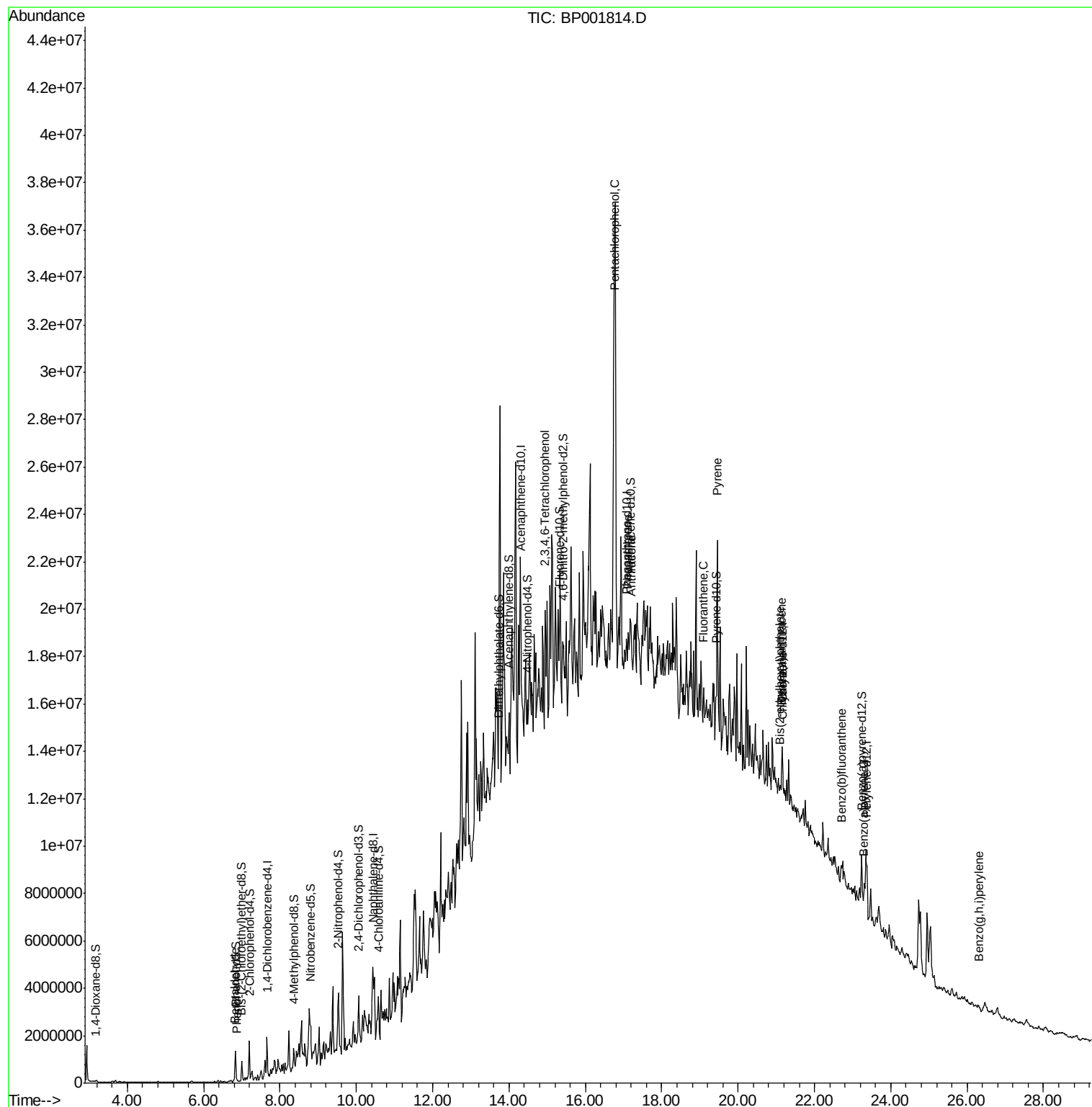
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

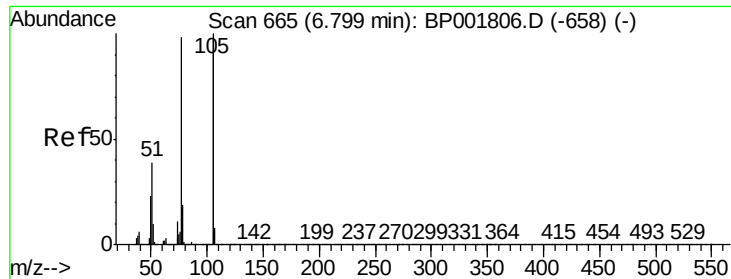
Instrument :
BNA_P
ClientSampleId :
C5AT6

Quant Time: Feb 21 08:06:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 07:12:24 2020
Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 1.428 ng/ul

RT: 6.81 min Scan# 667

Delta R.T. 0.01 min

Lab File: BP001814.D

Acq: 20 Feb 2020 21:48

Instrument :

BNA_P

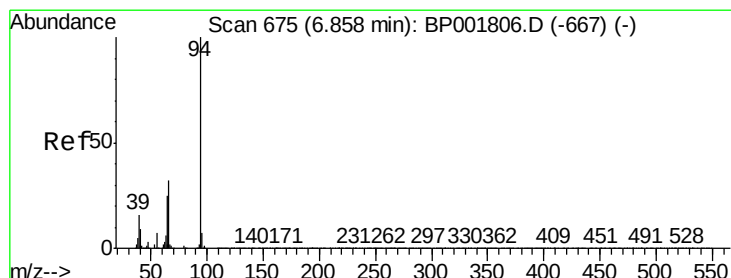
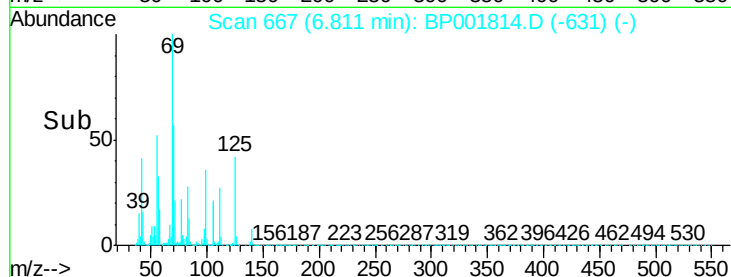
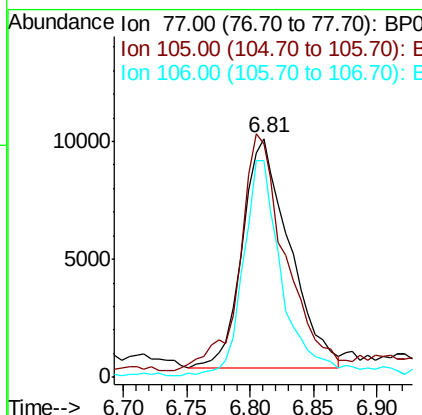
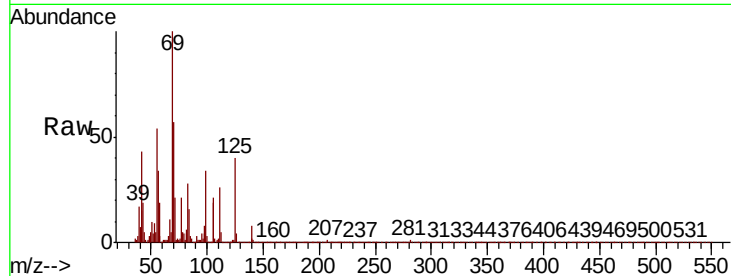
ClientSampled :

C5AT6

Tot Ion:	77	Resp:	25344
Ion	Ratio	Lower	Upper
77	100		
105	97.9	82.0	123.0
106	90.8	78.9	118.3

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#6

Phenol

Concen: 1.128 ng/ul

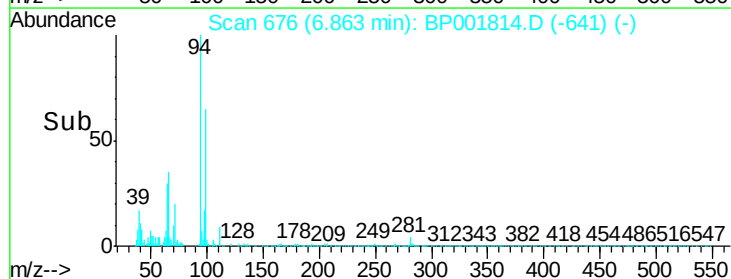
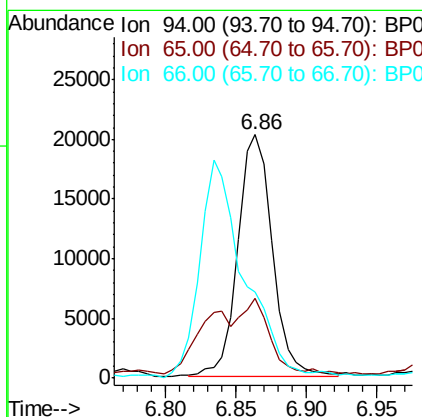
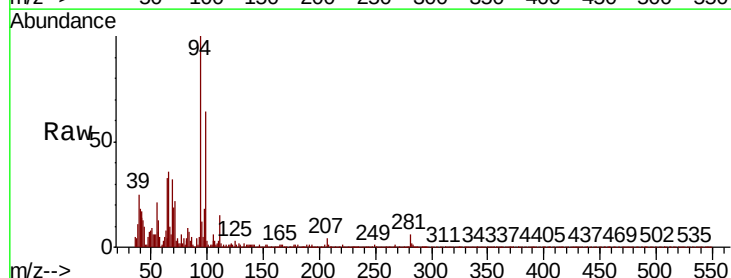
RT: 6.86 min Scan# 676

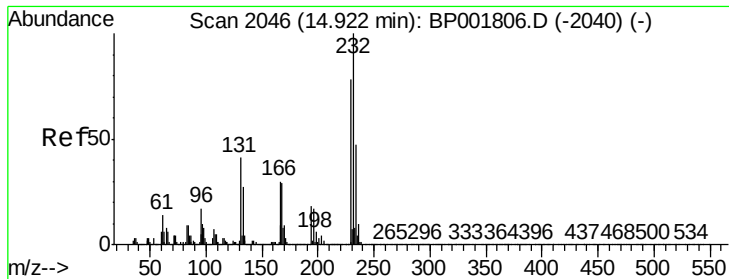
Delta R.T. 0.01 min

Lab File: BP001814.D

Acq: 20 Feb 2020 21:48

Tgt Ion:	94	Resp:	34652
Ion	Ratio	Lower	Upper
94	100		
65	32.8	19.8	29.6#
66	35.5	26.6	39.8





#56

2,3,4,6-Tetrachlorophenol

Concen: 183.492 ng/ul

RT: 14.95 min Scan# 2050

Delta R.T. 0.02 min

Lab File: BP001814.D

Acq: 20 Feb 2020 21:48

Instrument :

BNA_P

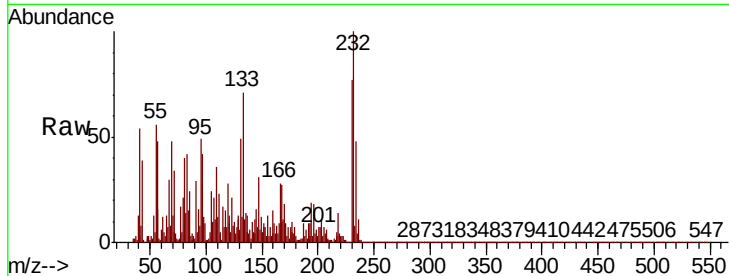
ClientSampleId :

C5AT6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	48.9	34.1	51.1		
130	6.5	1.8	2.6		
166	28.1	24.2	36.4		

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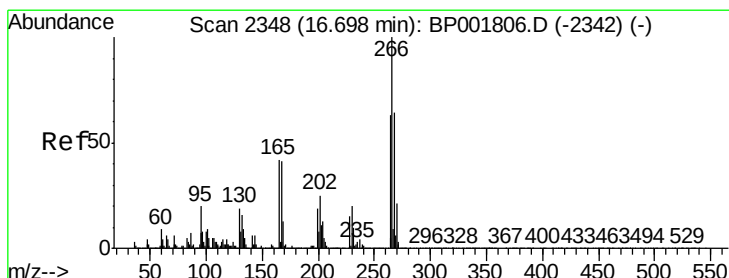
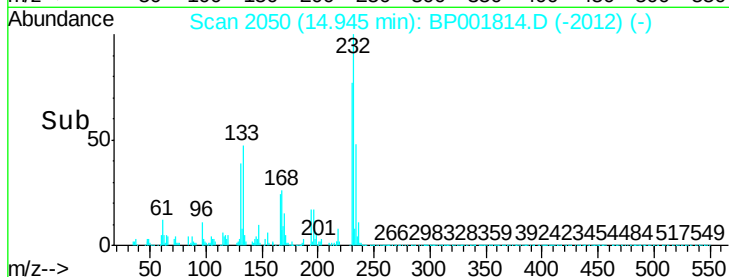
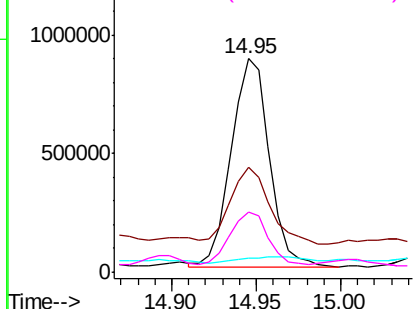


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#69

Pentachlorophenol

Concen: 3098.081 ng/ul

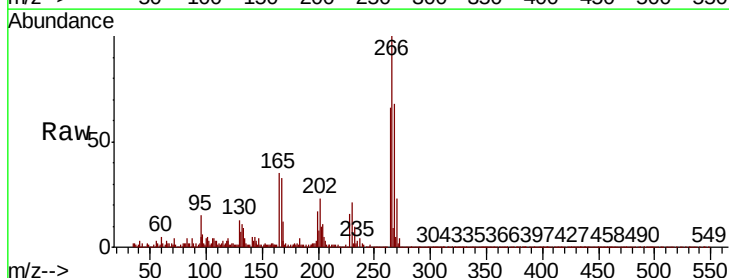
RT: 16.78 min Scan# 2362

Delta R.T. 0.08 min

Lab File: BP001814.D

Acq: 20 Feb 2020 21:48

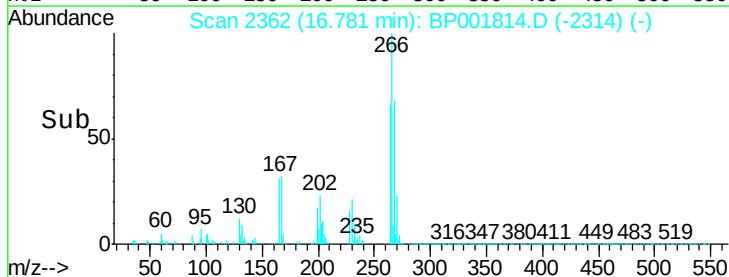
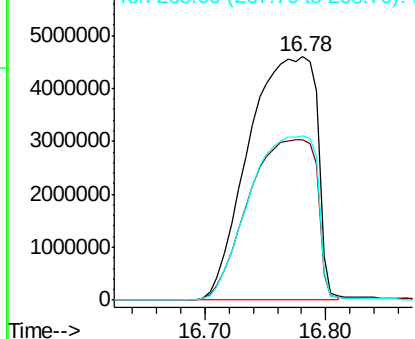
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100				
264	65.9	51.1	76.7		
268	67.5	51.5	77.3		

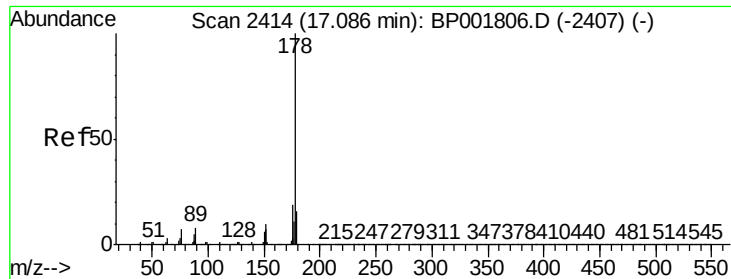


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





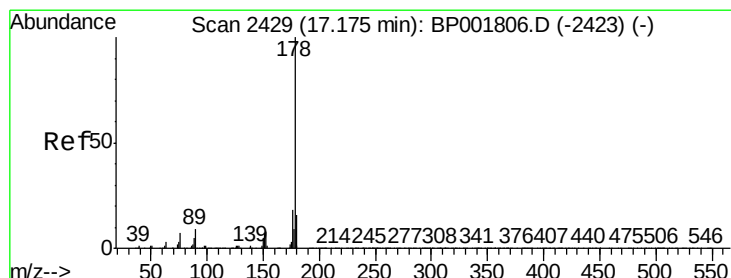
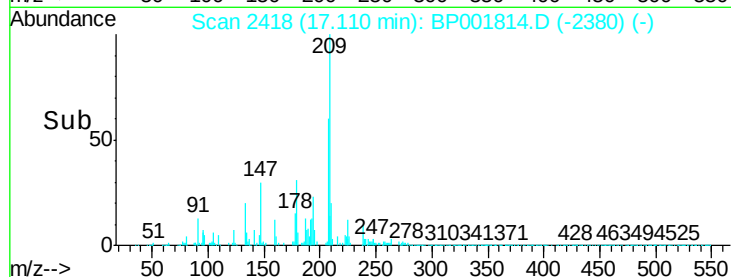
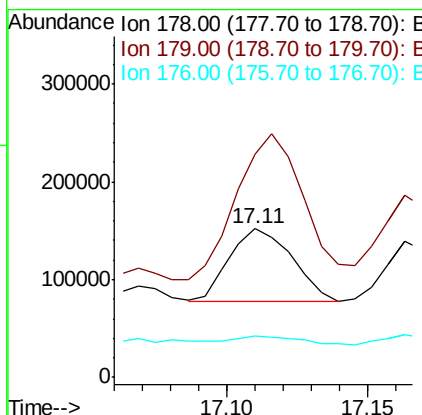
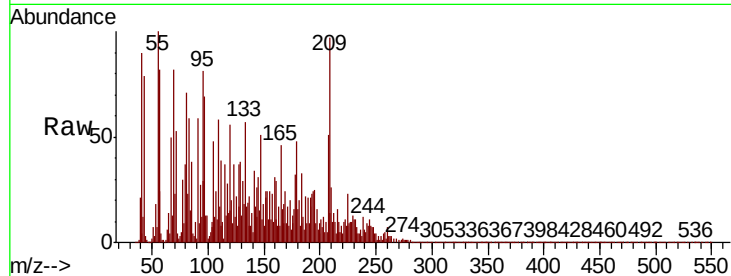
#70
Phenanthrene
Concen: 2.165 ng/ul
RT: 17.11 min Scan# 2418
Delta R.T. 0.02 min
Lab File: BP001814.D
Acq: 20 Feb 2020 21:48

Instrument :
BNA_P
ClientSampled :
C5AT6

Tot Ion	Ratio	Lower	Upper
178	100		
179	150.7	12.3	18.5#
176	27.6	15.3	22.9#

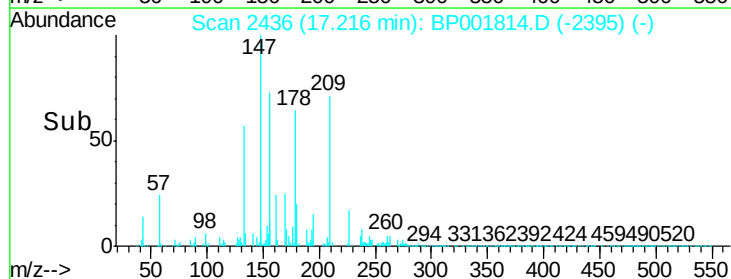
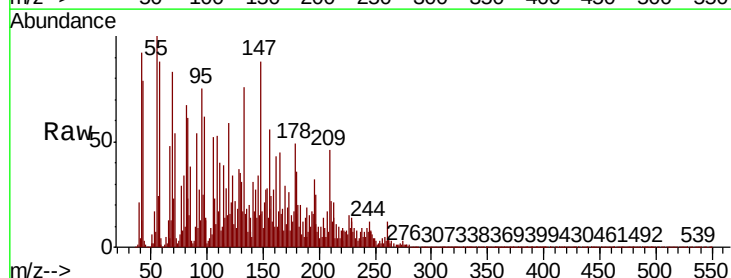
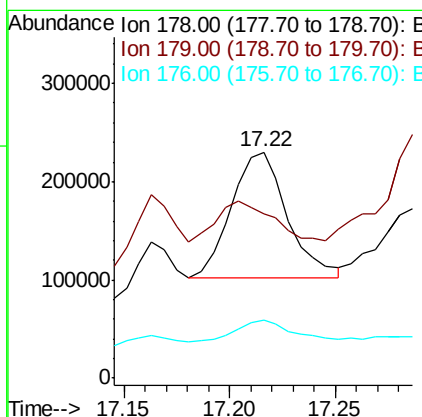
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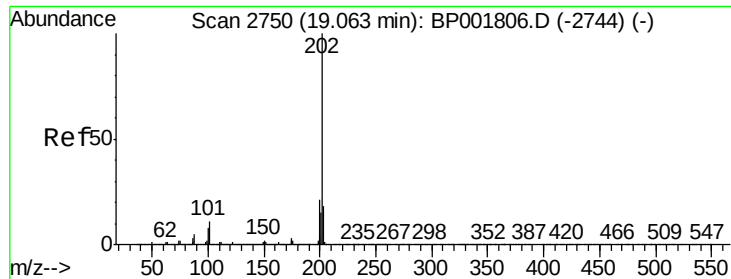
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#72
Anthracene
Concen: 4.568 ng/ul
RT: 17.22 min Scan# 2436
Delta R.T. 0.04 min
Lab File: BP001814.D
Acq: 20 Feb 2020 21:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	72.9	12.4	18.6#
176	25.4	14.8	22.2#





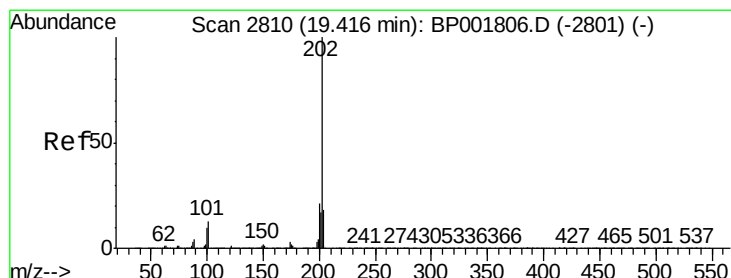
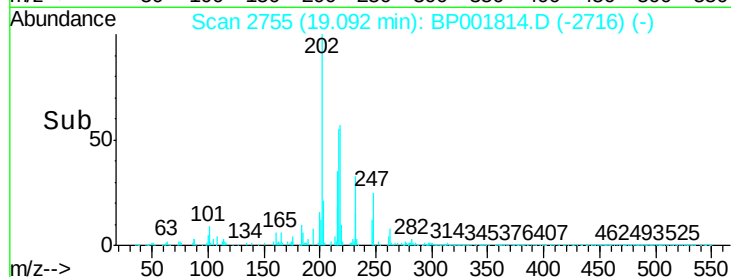
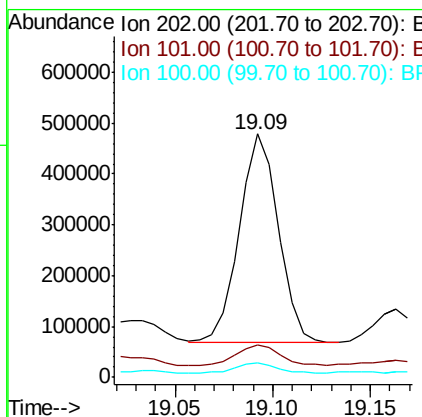
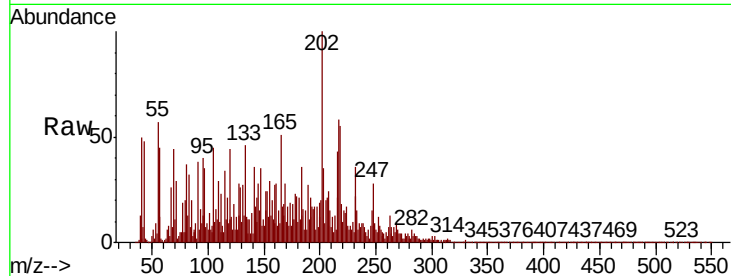
#77
 Fluoranthene
 Concen: 10.256 ng/ul
 RT: 19.09 min Scan# 2755
 Delta R.T. 0.03 min
 Lab File: BP001814.D
 Acq: 20 Feb 2020 21:48

Instrument :
 BNA_P
 ClientSampleId :
 C5AT6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		571399		
101	13.5	9.1	13.7		
100	6.0	6.6	9.8#		

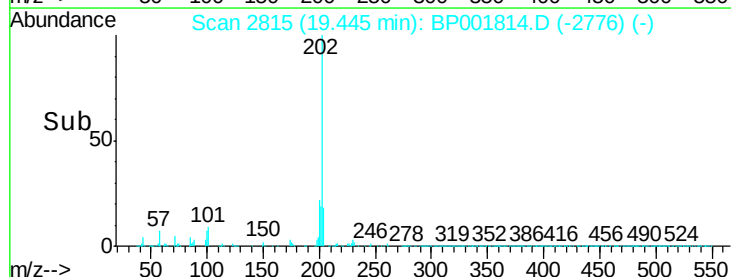
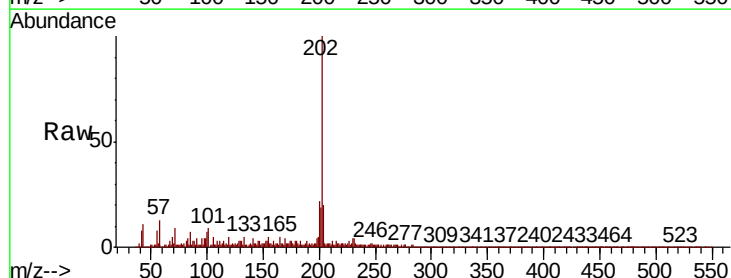
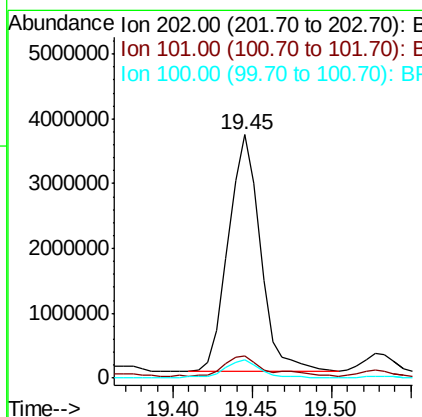
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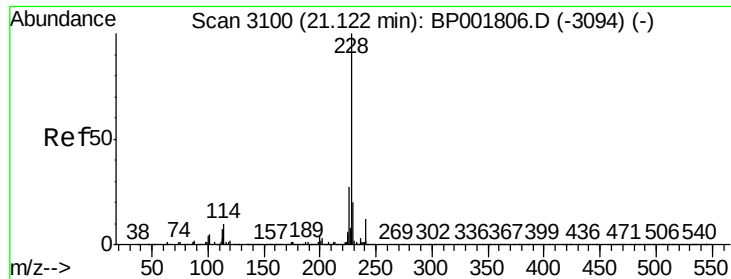
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#80
 Pyrene
 Concen: 70.340 ng/ul
 RT: 19.45 min Scan# 2815
 Delta R.T. 0.03 min
 Lab File: BP001814.D
 Acq: 20 Feb 2020 21:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		5165314		
101	9.4	10.2	15.2#		
100	7.4	8.2	12.2#		





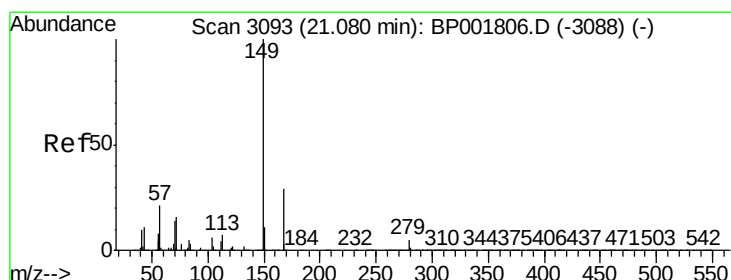
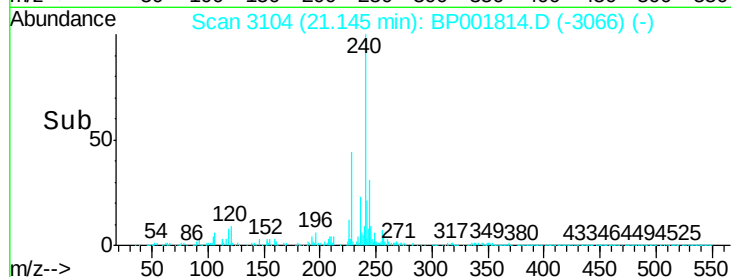
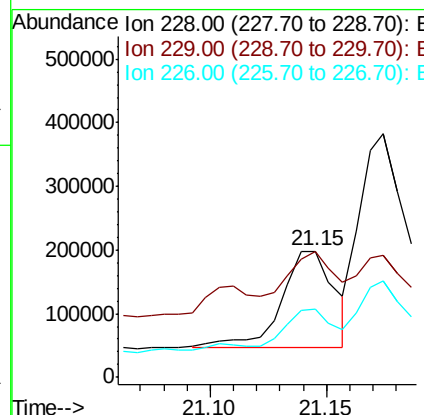
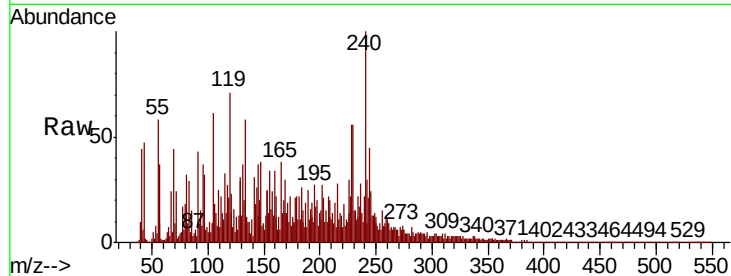
#83
 Benzo(a)anthracene
 Concen: 3.420 ng/ul m
 RT: 21.15 min Scan# 3104
 Delta R.T. 0.02 min
 Lab File: BP001814.D
 Acq: 20 Feb 2020 21:48

Instrument :
 BNA_P
 ClientSampled :
 C5AT6

Tot Ion	Ratio	Lower	Upper
228	100		
229	99.6	16.2	24.4#
226	53.7	22.0	33.0#

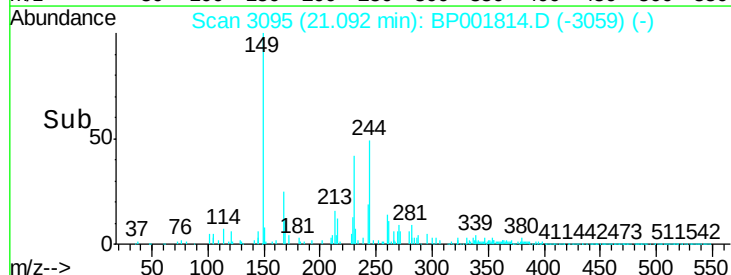
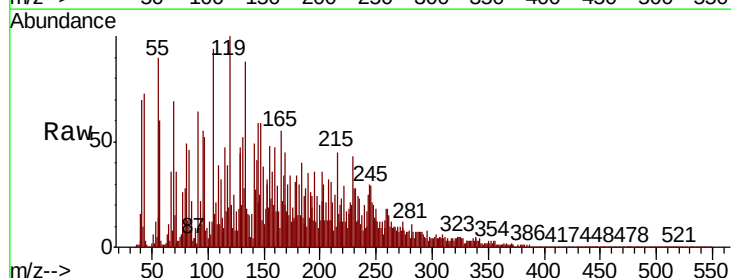
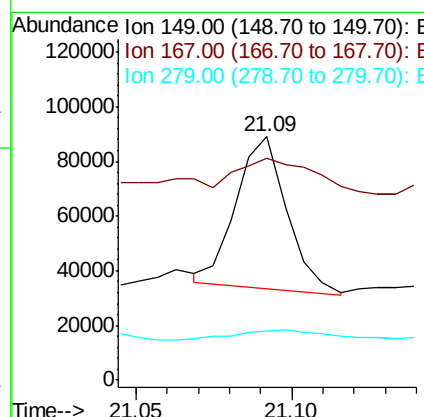
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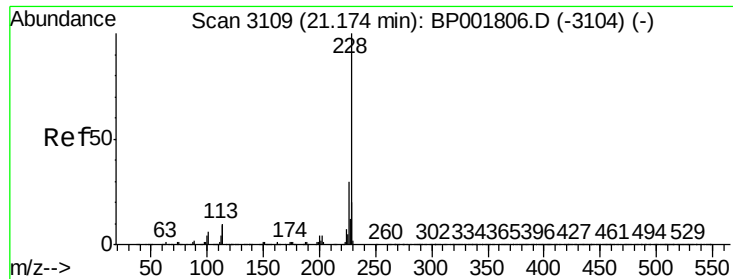
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.662 ng/ul m
 RT: 21.09 min Scan# 3095
 Delta R.T. 0.01 min
 Lab File: BP001814.D
 Acq: 20 Feb 2020 21:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	91.1	22.6	34.0#
279	20.3	3.6	5.4#





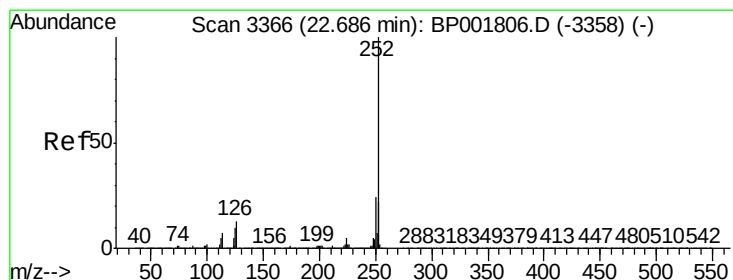
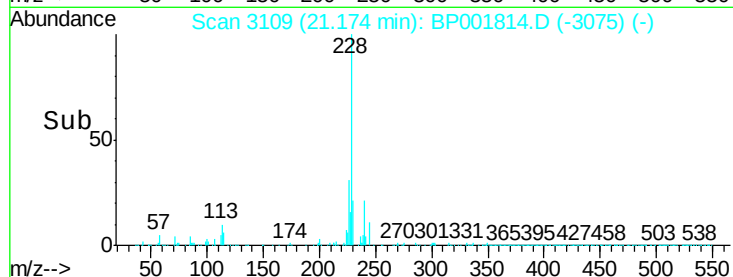
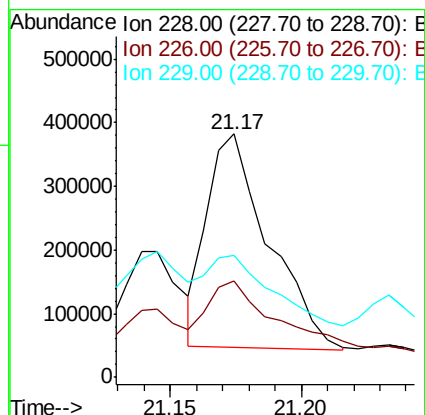
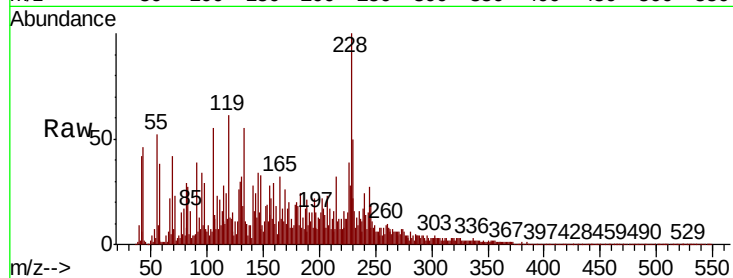
#85
Chrysene
Concen: 7.838 ng/ul m
RT: 21.17 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BP001814.D
Acq: 20 Feb 2020 21:48

Instrument :
BNA_P
ClientSampleId :
C5AT6

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.5	24.2	36.2#
229	49.9	15.7	23.5#

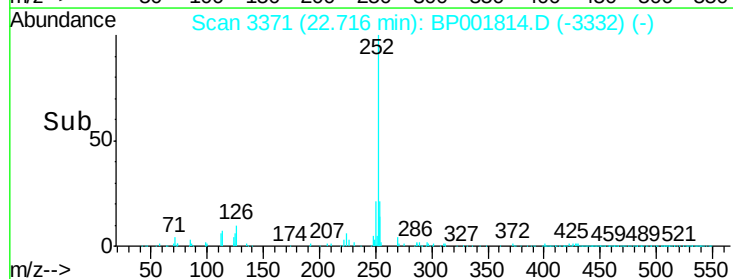
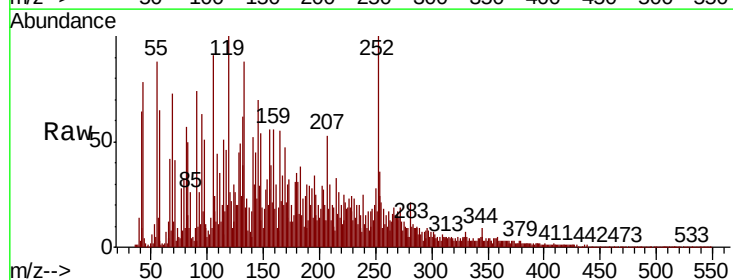
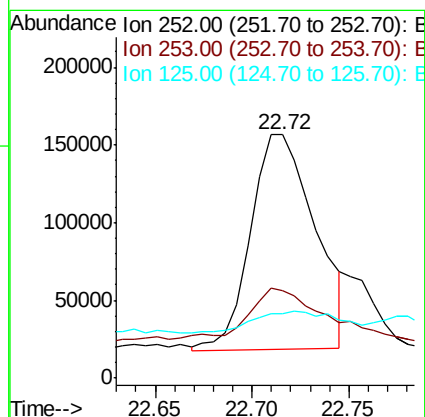
Manual Integrations
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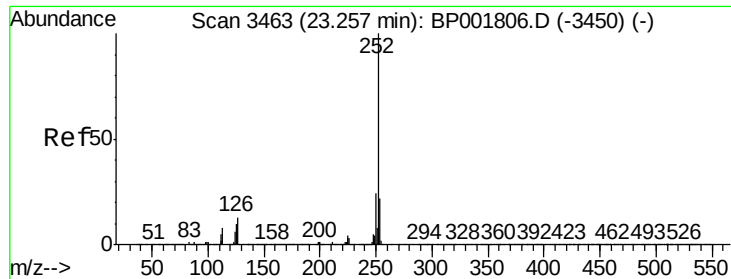
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#88
Benzo(b)fluoranthene
Concen: 4.137 ng/ul m
RT: 22.72 min Scan# 3371
Delta R.T. 0.03 min
Lab File: BP001814.D
Acq: 20 Feb 2020 21:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.7	17.7	26.5#
125	26.5	7.8	11.6#





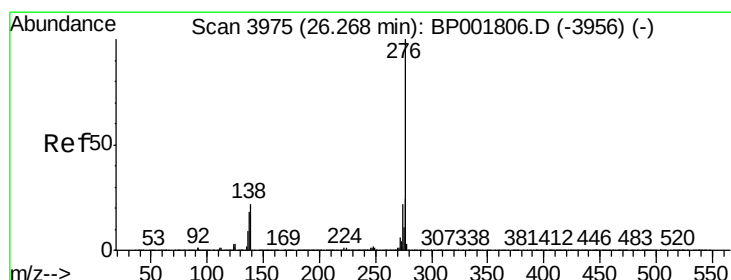
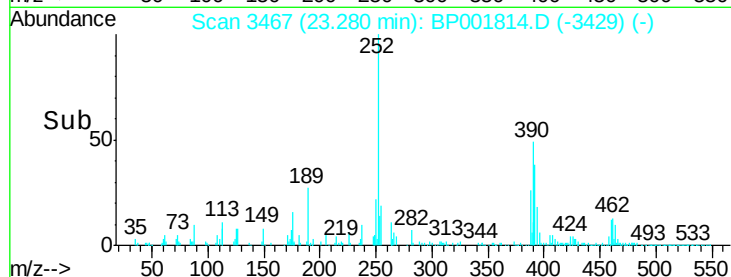
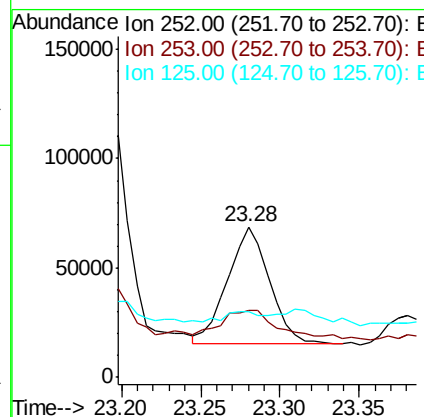
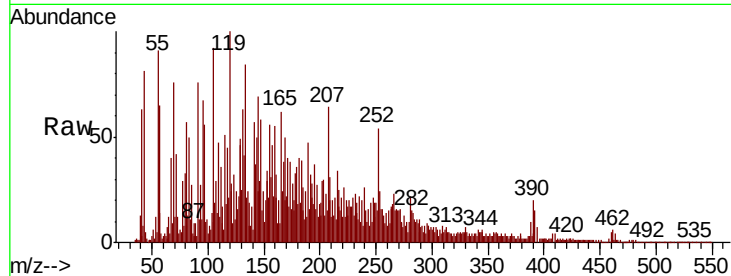
#91
Benzo(a)pyrene
Concen: 1.349 ng/ul
RT: 23.28 min Scan# 3467
Delta R.T. 0.02 min
Lab File: BP001814.D
Acq: 20 Feb 2020 21:48

Instrument :
BNA_P
ClientSampleId :
C5AT6

Tot Ion	Ratio	Lower	Upper
252	100		
253	44.8	17.6	26.4#
125	43.4	8.3	12.5#

Manual Integrations
APPROVED

mohammad
2/21/2020 2:18:14 PM



#94
Benzo(g,h,i)perylene
Concen: 1.035 ng/ul
RT: 26.31 min Scan# 3982
Delta R.T. 0.04 min
Lab File: BP001814.D
Acq: 20 Feb 2020 21:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.4	17.7	26.5#
277	37.0	18.8	28.2#

