

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004289.D
 Acq On : 15 Dec 2020 00:16
 Operator : CG/JU
 Sample : L5001-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54C6

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:52:02 AM

Quant Time: Dec 15 01:34:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 01:07:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	385477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1648864	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	1023597	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	2181108	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	2070004	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	2267868	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	21170	1.93	ng/uL	0.00
5) Phenol-d5	7.00	99	453924	14.23	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	257685	12.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	376719	15.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	326155	13.54	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	194110	14.37	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	204504	18.36	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	389451	15.90	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	424420	13.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1195347	15.28	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1544617	15.47	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	159733	12.09	ng/ul	0.02
58) Fluorene-d10	15.48	176	1048999	14.81	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	66632	6.37	ng/ul	0.02
71) Anthracene-d10	17.35	188	1698724	15.98	ng/ul	0.01
79) Pyrene-d10	19.59	212	1935265	17.95	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.55	264	2020723	16.91	ng/ul	0.03

Target Compounds

					Ovalue
6) Phenol	7.03	94	87818	2.638	ng/ul 97
45) Dimethylphthalate	13.93	163	229594	2.881	ng/ul 100
70) Phenanthrene	17.29	178	1582874	12.301	ng/ul 100
72) Anthracene	17.37	178	374603	2.943	ng/ul 99
75) Carbazole	17.65	167	167565	1.617	ng/ul 98
76) Di-n-butylphthalate	18.20	149	150845	1.367	ng/ul 99
77) Fluoranthene	19.26	202	3066730	22.320	ng/ul 98
80) Pyrene	19.62	202	2779291	19.904	ng/ul 96
83) Benzo(a)anthracene	21.32	228	1558433	11.422	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.25	149	73207	1.173	ng/ul# 97
85) Chrysene	21.37	228	1380943	10.317	ng/ul 98
88) Benzo(b)fluoranthene	22.99	252	1822759	12.674	ng/ul 98
89) Benzo(k)fluoranthene	23.03	252	594790m	4.027	ng/ul
91) Benzo(a)pyrene	23.60	252	1333127	9.933	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	26.13	276	907141	5.390	ng/ul 99
93) Dibenzo(a,h)anthracene	26.14	278	236620	1.677	ng/ul 93
94) Benzo(g,h,i)perylene	26.87	276	730774	5.175	ng/ul 96

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

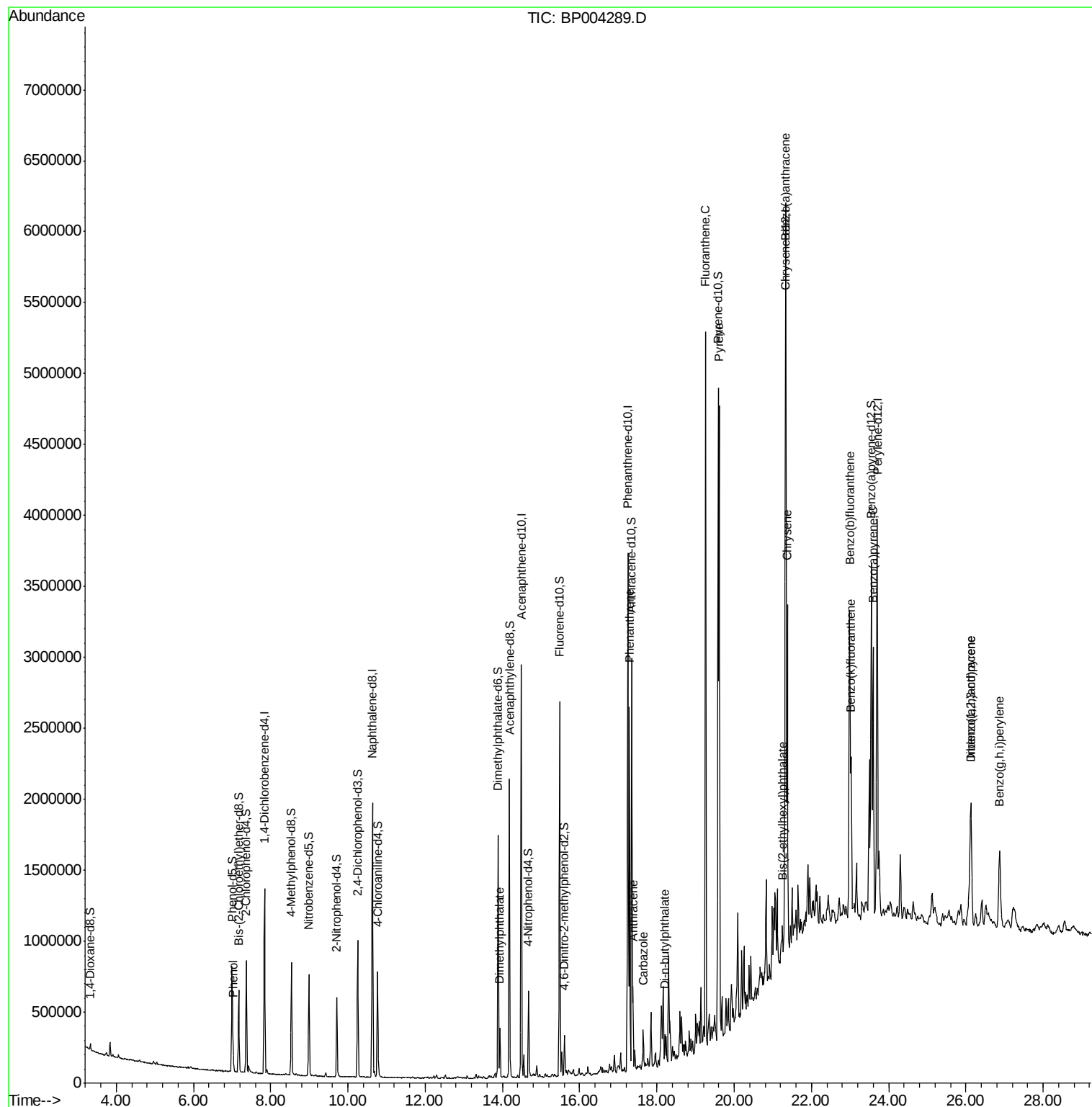
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004289.D
Acq On : 15 Dec 2020 00:16
Operator : CG/JU
Sample : L5001-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

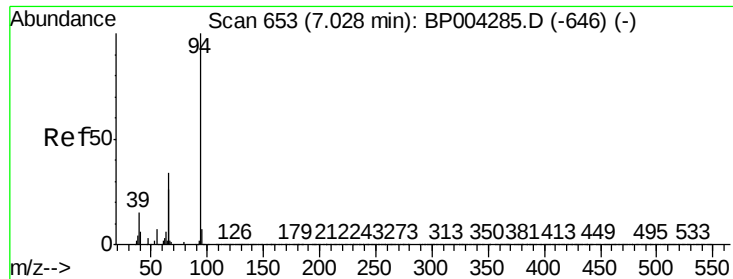
Instrument :
BNA_P
ClientSampled :
A54C6

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 01:07:21 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.638 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. 0.01 min

Lab File: BP004289.D

Acq: 15 Dec 2020 00:16

Instrument :

BNA_P

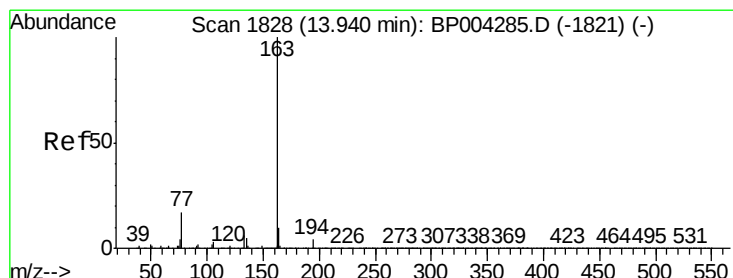
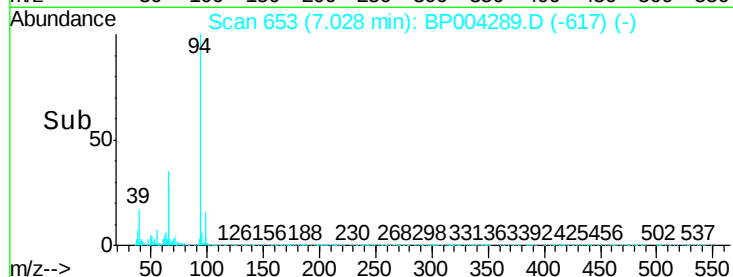
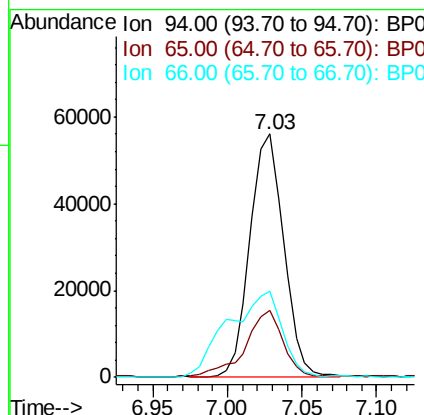
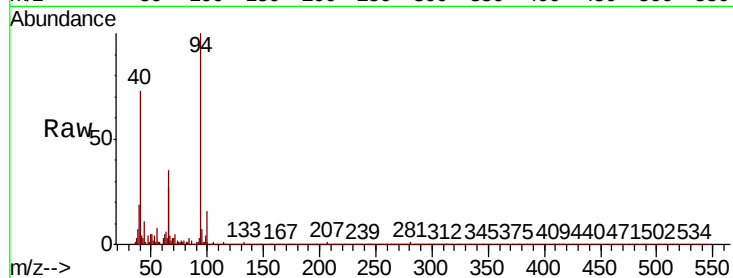
ClientSampleId :

A54C6

Tot Ion:	94	Resp:	87818
Ion Ratio	Lower	Upper	
94	100		
65	27.4	20.8	31.2
66	35.4	26.5	39.7

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#45

Dimethylphthalate

Concen: 2.881 ng/ul

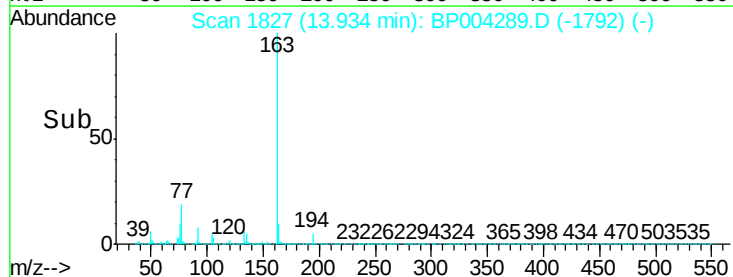
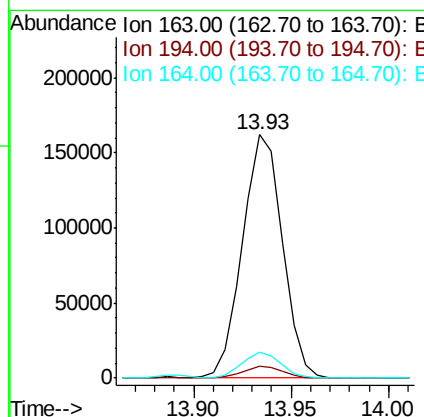
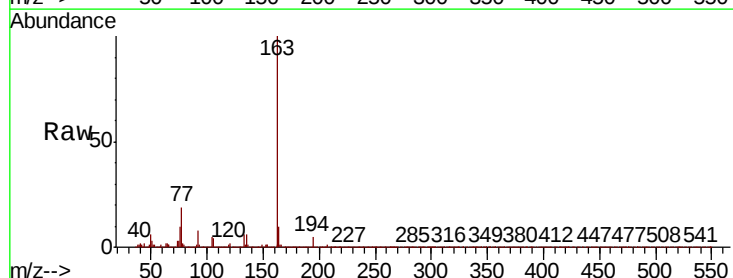
RT: 13.93 min Scan# 1827

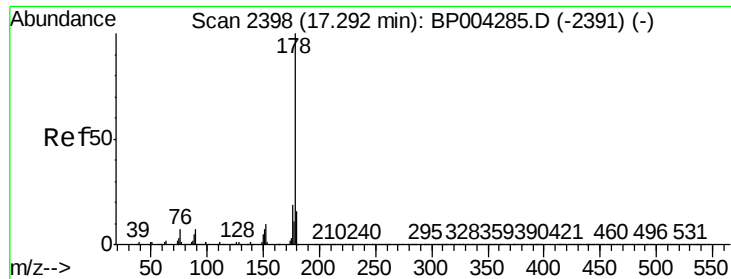
Delta R.T. 0.01 min

Lab File: BP004289.D

Acq: 15 Dec 2020 00:16

Tgt Ion:	163	Resp:	229594
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	10.5	8.4	12.6





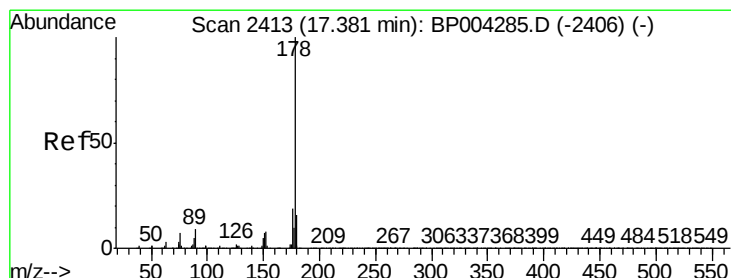
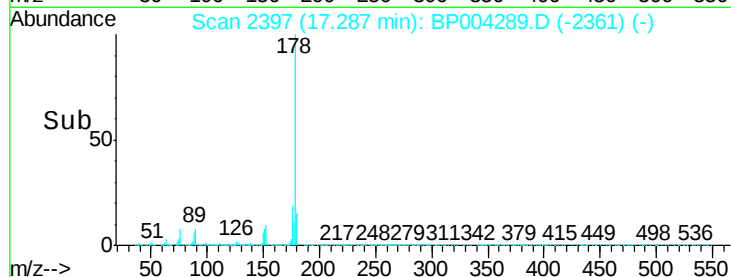
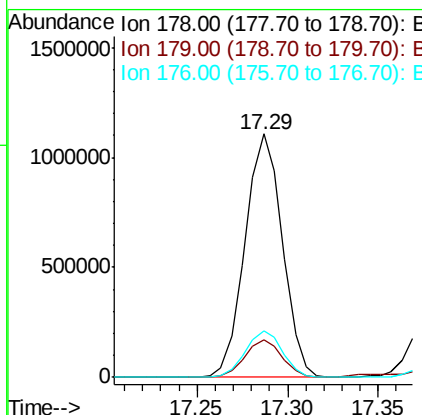
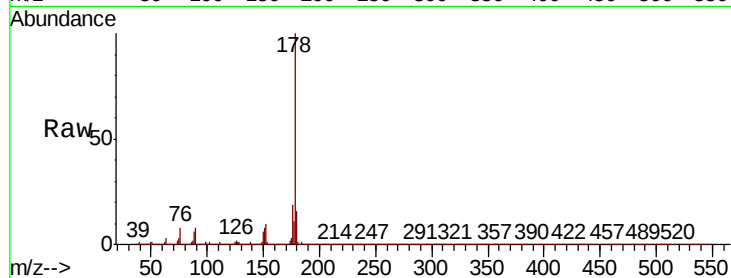
#70
Phenanthrene
Concen: 12.301 ng/ul
RT: 17.29 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BP004289.D
Acq: 15 Dec 2020 00:16

Instrument :
BNA_P
ClientSampleId :
A54C6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.9	15.4	23.0

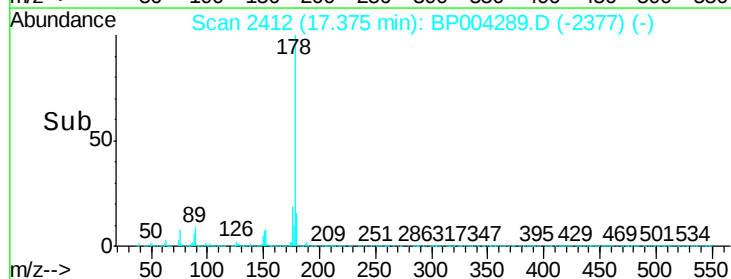
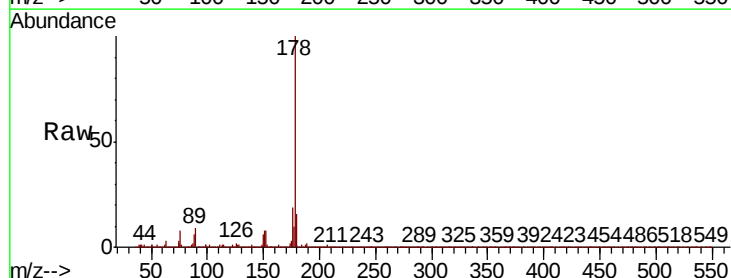
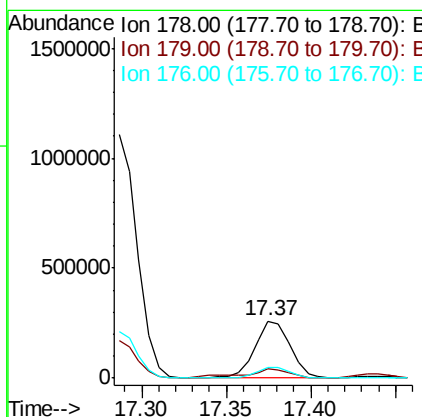
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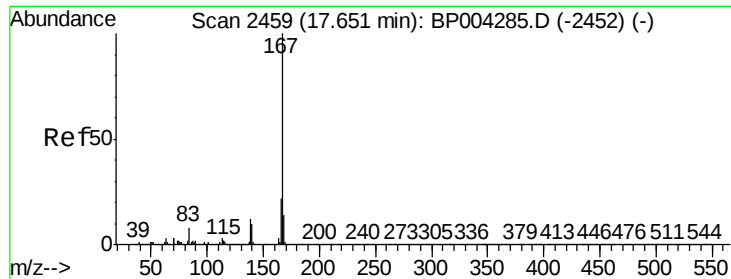
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#72
Anthracene
Concen: 2.943 ng/ul
RT: 17.37 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BP004289.D
Acq: 15 Dec 2020 00:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.9	14.9	22.3





#75

Carbazole

Concen: 1.617 ng/ul

RT: 17.65 min Scan# 2458

Delta R.T. 0.01 min

Lab File: BP004289.D

Acq: 15 Dec 2020 00:16

Instrument :

BNA_P

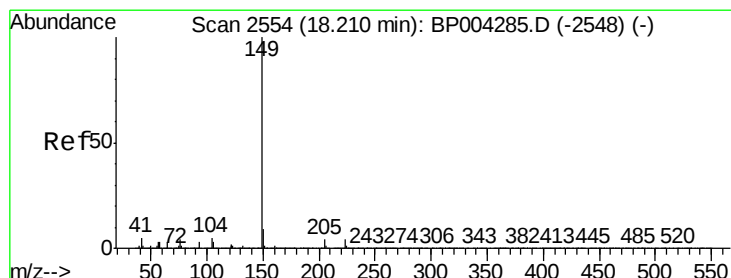
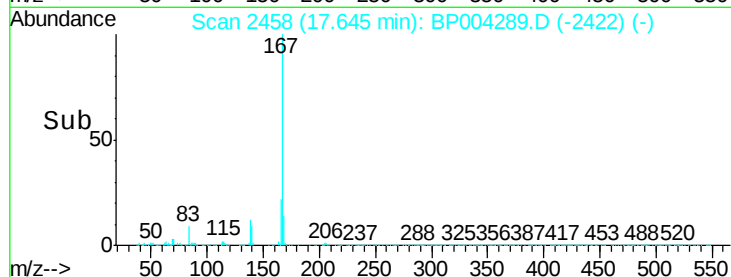
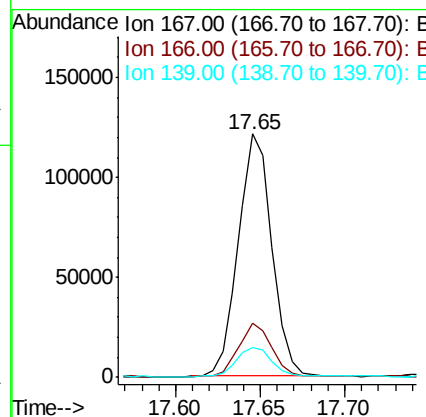
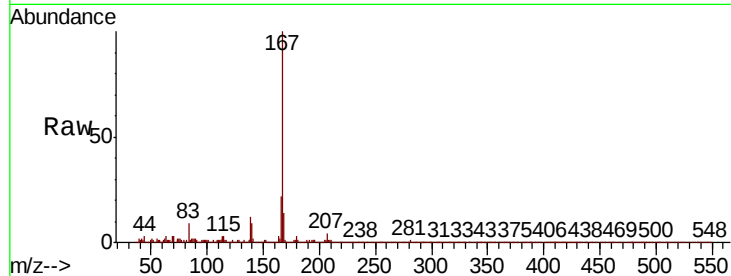
ClientSampleId :

A54C6

Tot Ion:	167	Resp:	167565
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.1	25.7
139	12.2	9.8	14.6

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#76

Di-n-butylphthalate

Concen: 1.367 ng/ul

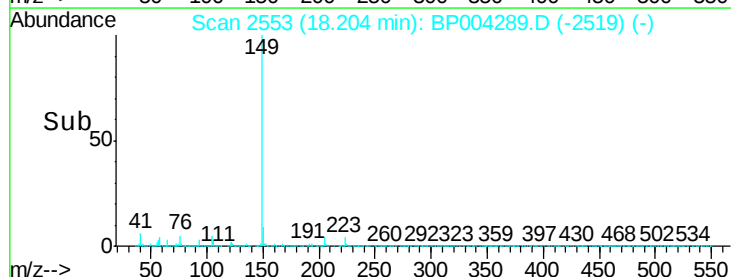
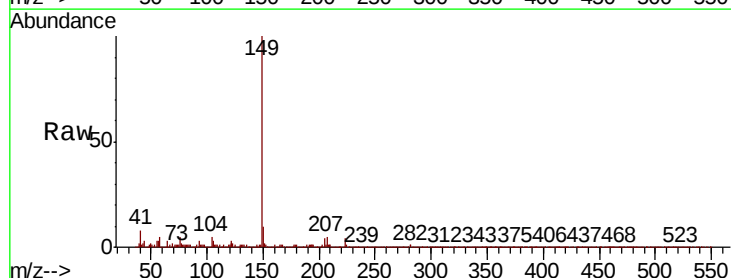
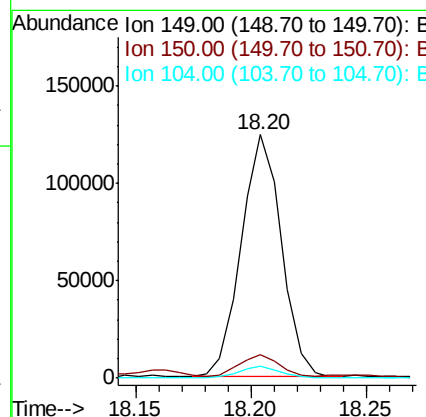
RT: 18.20 min Scan# 2553

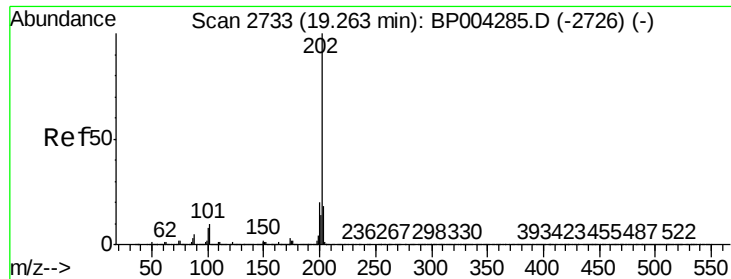
Delta R.T. 0.00 min

Lab File: BP004289.D

Acq: 15 Dec 2020 00:16

Tgt Ion:	149	Resp:	150845
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.3	10.9
104	5.0	3.7	5.5





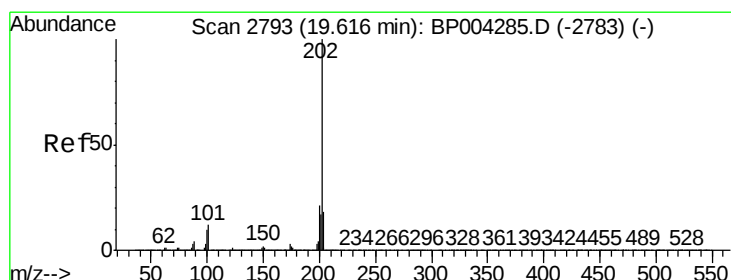
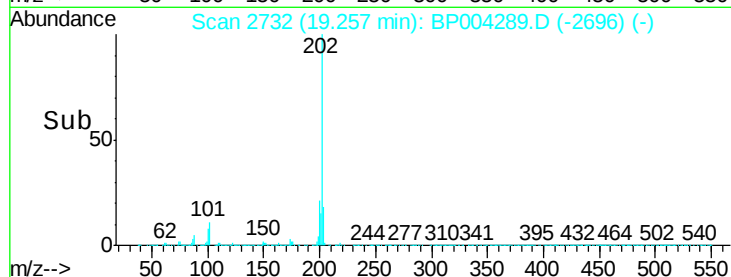
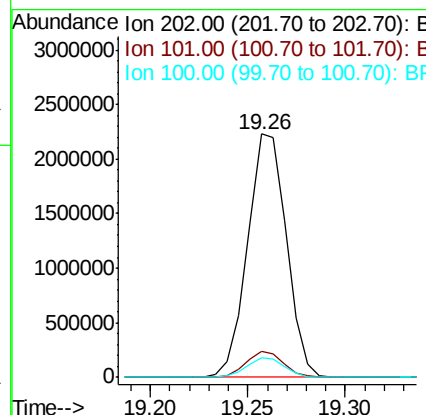
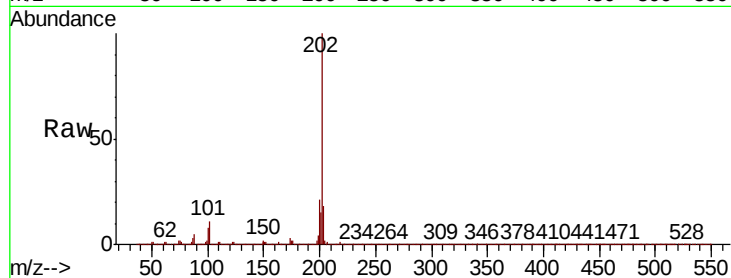
#77
 Fluoranthene
 Concen: 22.320 ng/ul
 RT: 19.26 min Scan# 2732
 Delta R.T. 0.01 min
 Lab File: BP004289.D
 Acq: 15 Dec 2020 00:16

Instrument :
 BNA_P
 ClientSampled :
 A54C6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		3066730		
101	10.7	9.1	13.7		
100	8.0	7.1	10.7		

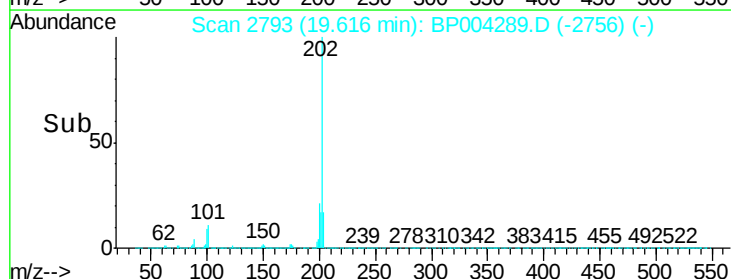
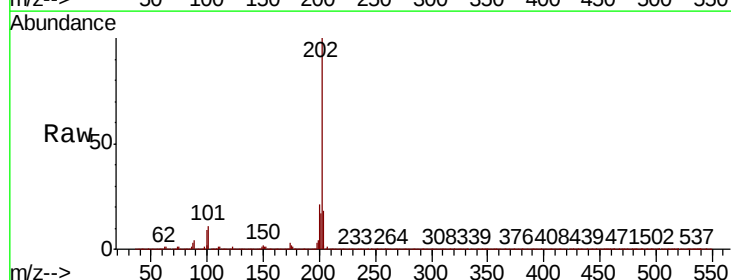
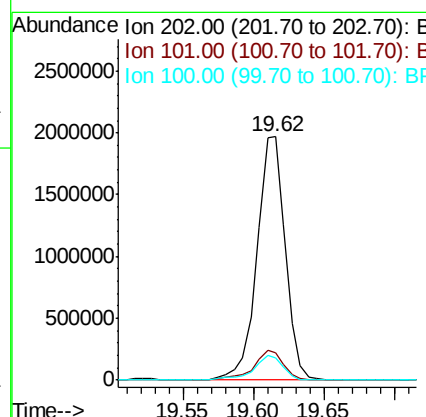
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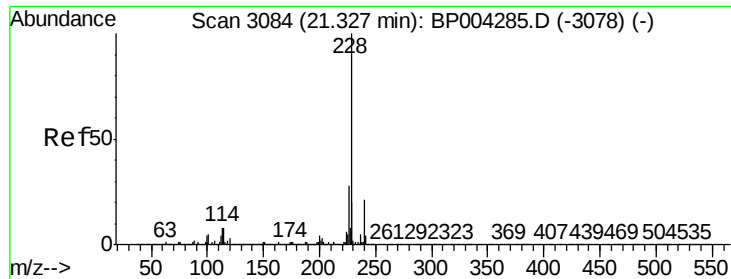
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#80
 Pyrene
 Concen: 19.904 ng/ul
 RT: 19.62 min Scan# 2793
 Delta R.T. 0.02 min
 Lab File: BP004289.D
 Acq: 15 Dec 2020 00:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2779291		
101	11.4	10.6	15.8		
100	9.3	8.6	12.8		





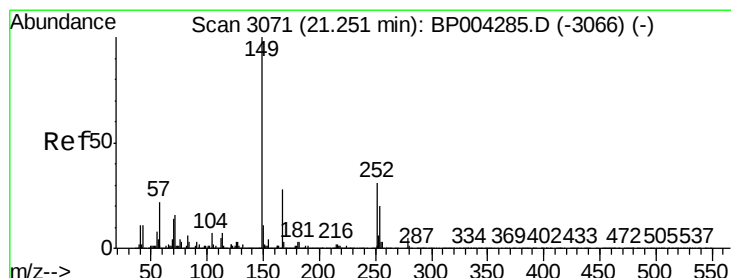
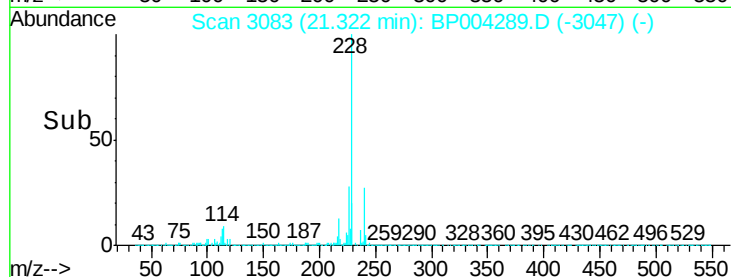
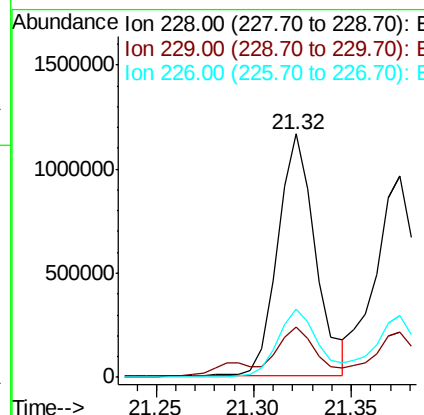
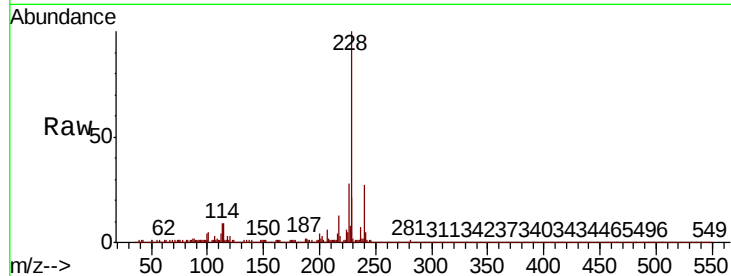
#83
Benzo(a)anthracene
Concen: 11.422 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BP004289.D
Acq: 15 Dec 2020 00:16

Instrument :
BNA_P
ClientSampleId :
A54C6

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	27.8	21.7	32.5

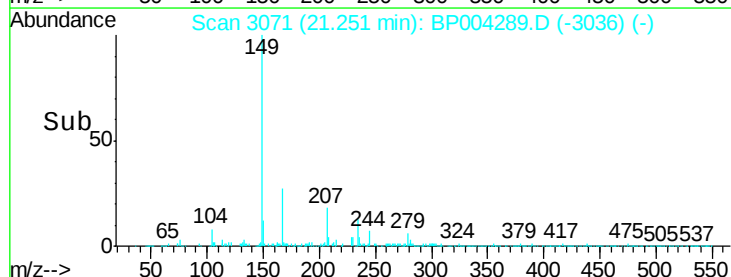
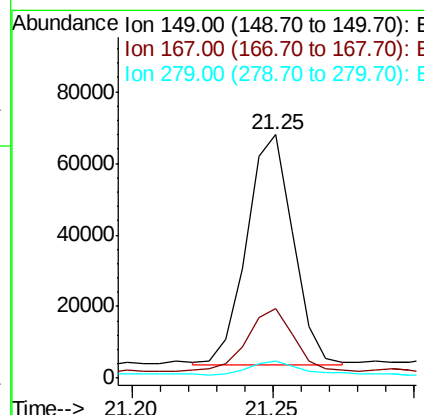
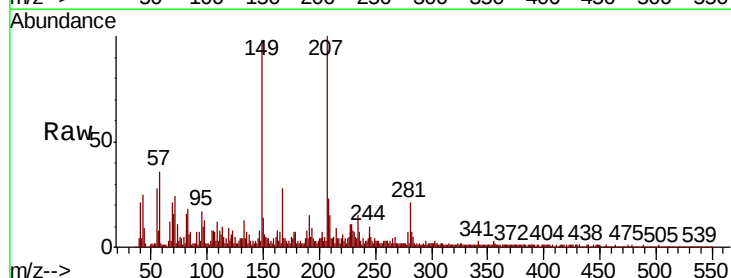
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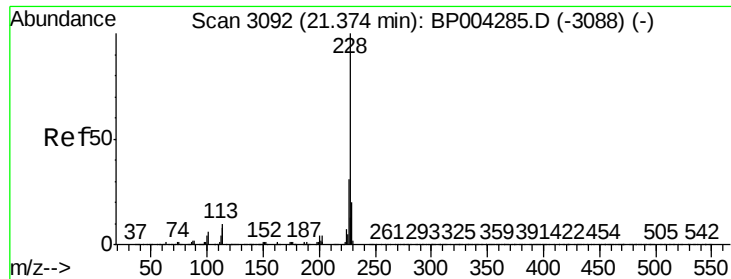
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.173 ng/ul
RT: 21.25 min Scan# 3071
Delta R.T. 0.01 min
Lab File: BP004289.D
Acq: 15 Dec 2020 00:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.2	33.4
279	7.2	3.6	5.4





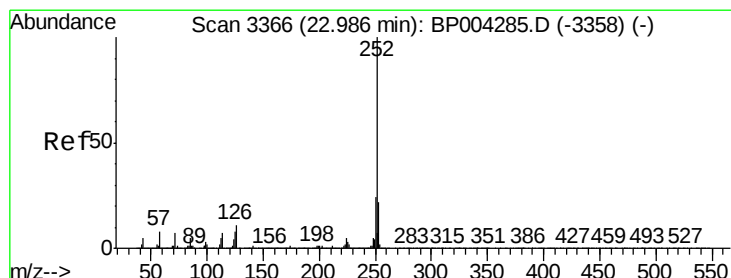
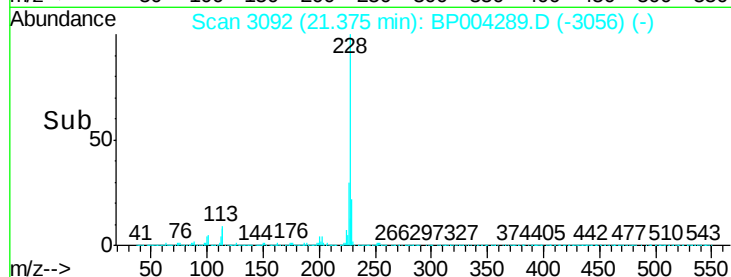
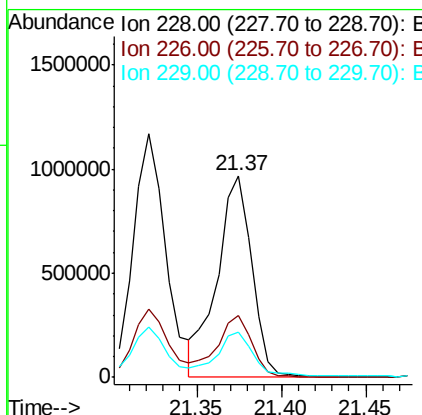
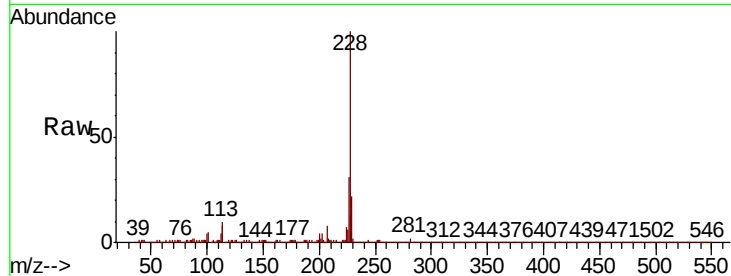
#85
Chrysene
Concen: 10.317 ng/ul
RT: 21.37 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BP004289.D
Acq: 15 Dec 2020 00:16

Instrument :
BNA_P
ClientSampleId :
A54C6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	22.2	15.8	23.8

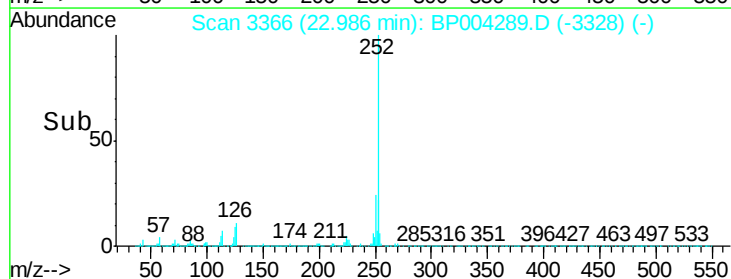
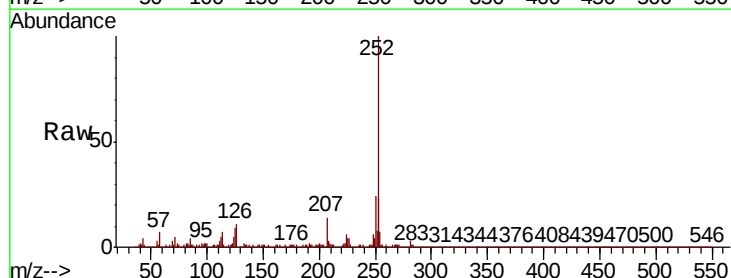
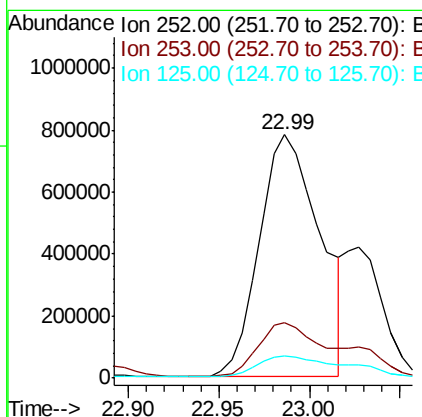
Manual Integrations
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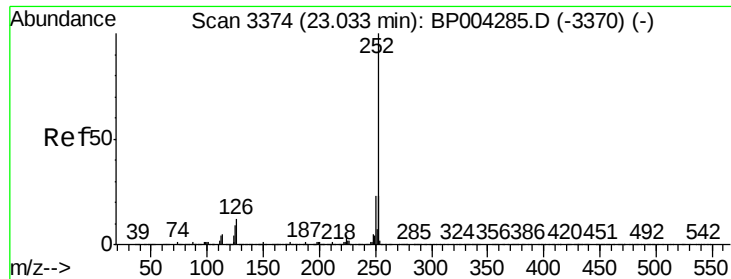
mohammad
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#88
Benzo(b)fluoranthene
Concen: 12.674 ng/ul
RT: 22.99 min Scan# 3366
Delta R.T. 0.02 min
Lab File: BP004289.D
Acq: 15 Dec 2020 00:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.3	7.7	11.5





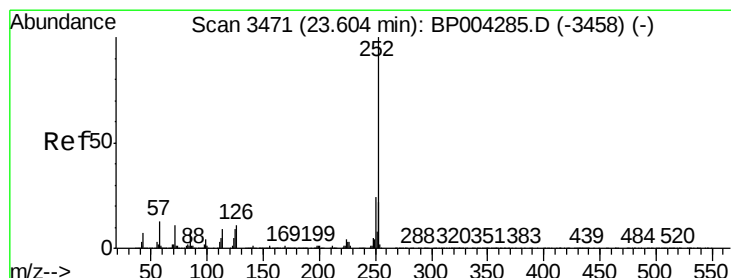
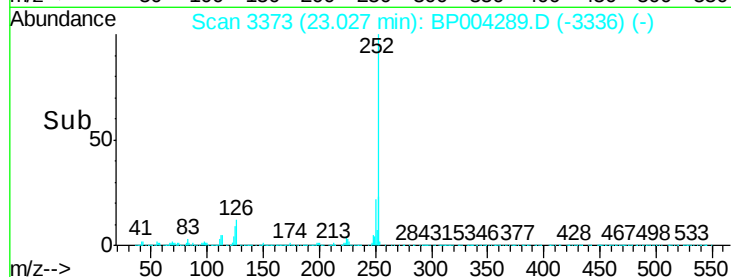
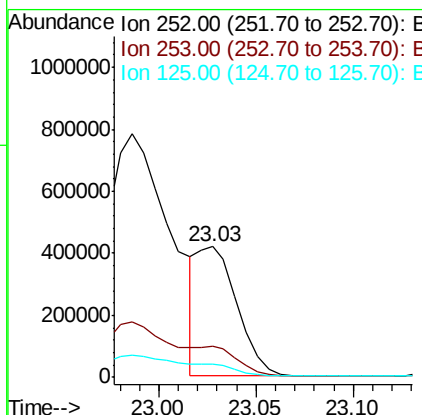
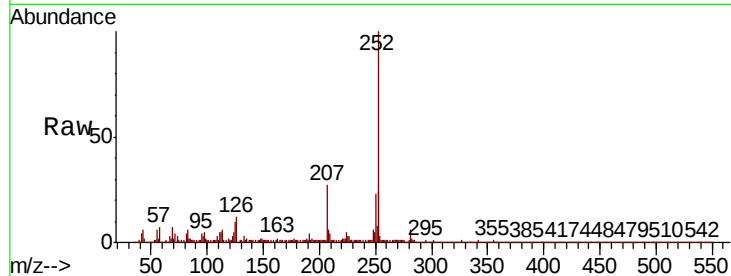
#89
Benzo(k)fluoranthene
Concen: 4.027 ng/ul m
RT: 23.03 min Scan# 3373
Delta R.T. 0.02 min
Lab File: BP004289.D
Acq: 15 Dec 2020 00:16

Instrument :
BNA_P
ClientSampled :
A54C6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	10.1	7.3	10.9

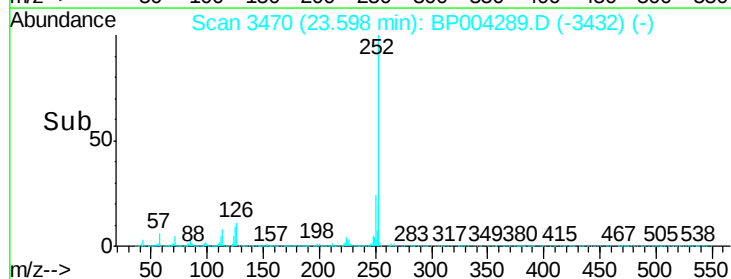
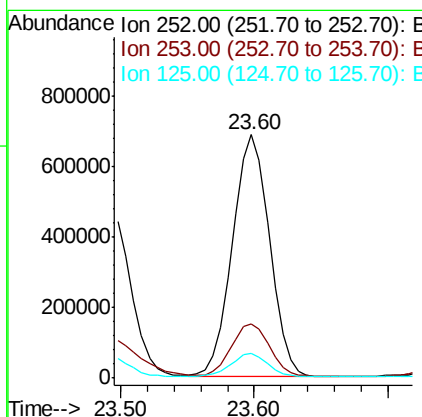
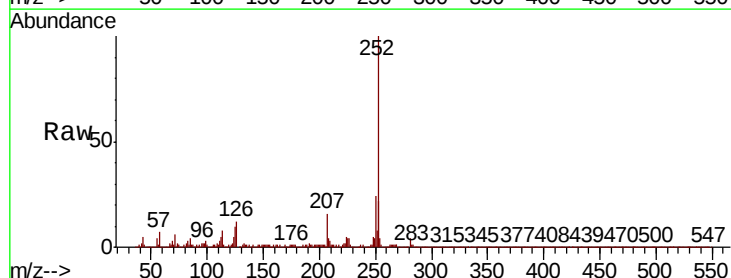
Manual Integrations
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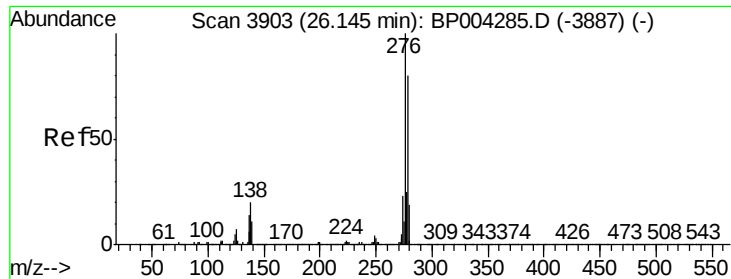
mohammad
12/17/2020 9:52:02 AM



#91
Benzo(a)pyrene
Concen: 9.933 ng/ul
RT: 23.60 min Scan# 3470
Delta R.T. 0.02 min
Lab File: BP004289.D
Acq: 15 Dec 2020 00:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	10.1	7.8	11.6





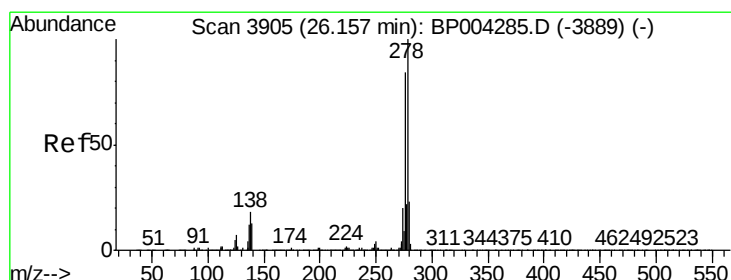
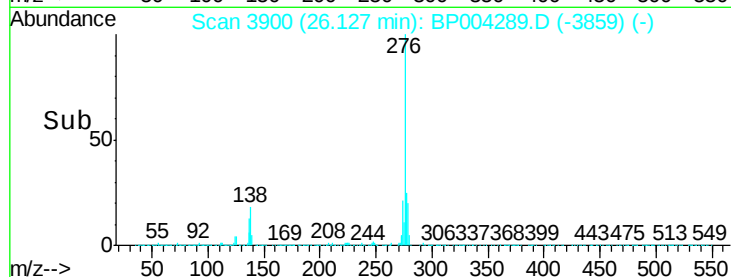
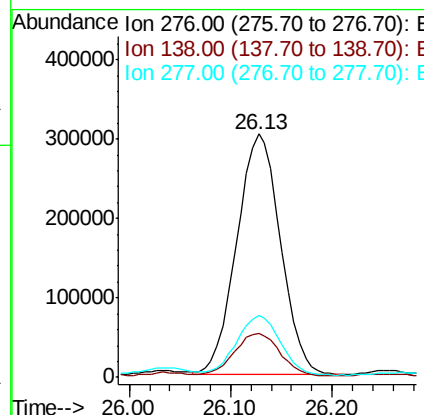
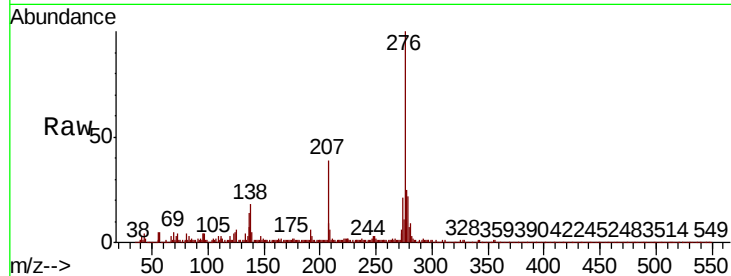
#92
Indeno(1,2,3-cd)pyrene
Concen: 5.390 ng/ul
RT: 26.13 min Scan# 3900
Delta R.T. 0.04 min
Lab File: BP004289.D
Acq: 15 Dec 2020 00:16

Instrument :
BNA_P
ClientSampleId :
A54C6

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	17.8	26.6
277	25.3	19.8	29.6

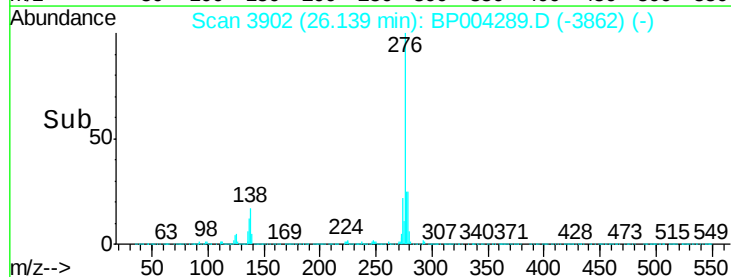
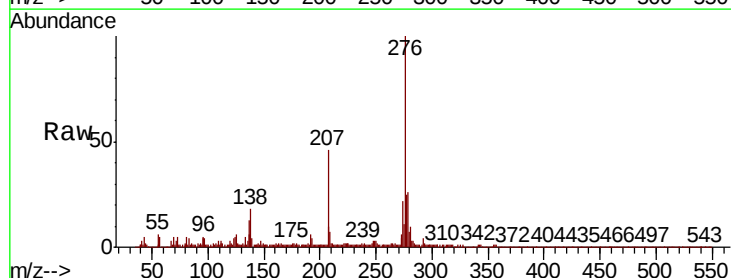
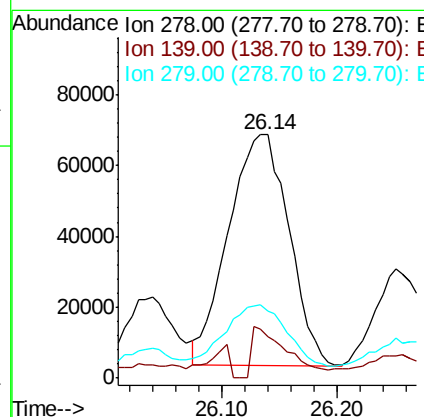
Manual Integrations
APPROVED

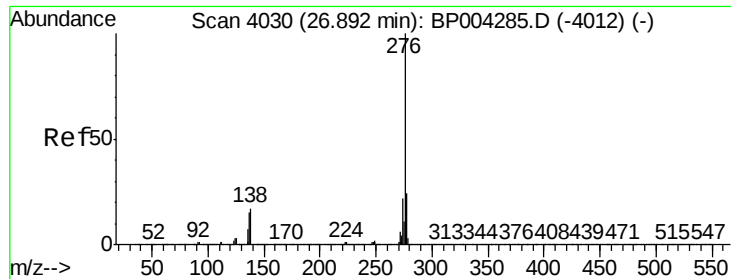
mohammad
12/17/2020 9:52:02 AM



#93
Dibenzo(a,h)anthracene
Concen: 1.677 ng/ul
RT: 26.14 min Scan# 3902
Delta R.T. 0.04 min
Lab File: BP004289.D
Acq: 15 Dec 2020 00:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	11.9	17.9
279	27.3	18.6	28.0





#94

Benzo(a,h,i)perylene

Concen: 5.175 ng/ul

RT: 26.87 min Scan# 4027

Delta R.T. 0.05 min

Lab File: BP004289.D

Acq: 15 Dec 2020 00:16

Instrument :

BNA_P

ClientSampleId :

A54C6

Tot Ion:	276	Resp:	730774
Ion Ratio	Lower	Upper	
276	100		
138	18.9	16.6	25.0
277	25.2	18.5	27.7

Manual Integrations
APPROVED

mohammad
12/17/2020 9:52:02 AM

