

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004298.D
 Acq On : 15 Dec 2020 11:39
 Operator : CG/JU
 Sample : L5001-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A8

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:52:33 AM

Quant Time: Dec 15 12:23:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 09:00:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	348268	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	1510143	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	928456	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1951147	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1916765	20.00	ng/ul	0.00
86) Perylene-d12	23.72	264	2042064	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	14112	1.42	ng/uL	0.00
5) Phenol-d5	7.00	99	327630	11.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	191401	10.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	266061	12.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	255937	11.76	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	141441	11.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	141346	13.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	268718	11.98	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	328370	11.81	ng/ul	0.01
44) Dimethylphthalate-d6	13.90	166	800224	11.28	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	1094272	12.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	89923	7.50	ng/ul	0.00
58) Fluorene-d10	15.49	176	726735	11.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.62	200	39997	4.27	ng/ul	0.00
71) Anthracene-d10	17.35	188	1131105	11.89	ng/ul	0.00
79) Pyrene-d10	19.59	212	1332953	13.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	1397951	13.00	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	7.03	94	62145	2.066	ng/ul 99
45) Dimethylphthalate	13.95	163	119631	1.655	ng/ul 98
70) Phenanthrene	17.29	178	1043066	9.062	ng/ul 100
72) Anthracene	17.39	178	213441	1.874	ng/ul 99
77) Fluoranthene	19.27	202	1597485	12.997	ng/ul 97
80) Pyrene	19.62	202	1649220	12.755	ng/ul 98
83) Benzo(a)anthracene	21.33	228	842563	6.669	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.26	149	102775	1.778	ng/ul# 97
85) Chrysene	21.39	228	834590	6.733	ng/ul 99
88) Benzo(b)fluoranthene	23.00	252	986765	7.620	ng/ul 98
89) Benzo(k)fluoranthene	23.04	252	356995m	2.684	ng/ul
91) Benzo(a)pyrene	23.61	252	769360	6.366	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	26.14	276	495922	3.272	ng/ul 99
93) Dibenzo(a,h)anthracene	26.16	278	132306	1.042	ng/ul# 92
94) Benzo(g,h,i)perylene	26.89	276	384718	3.026	ng/ul 97

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

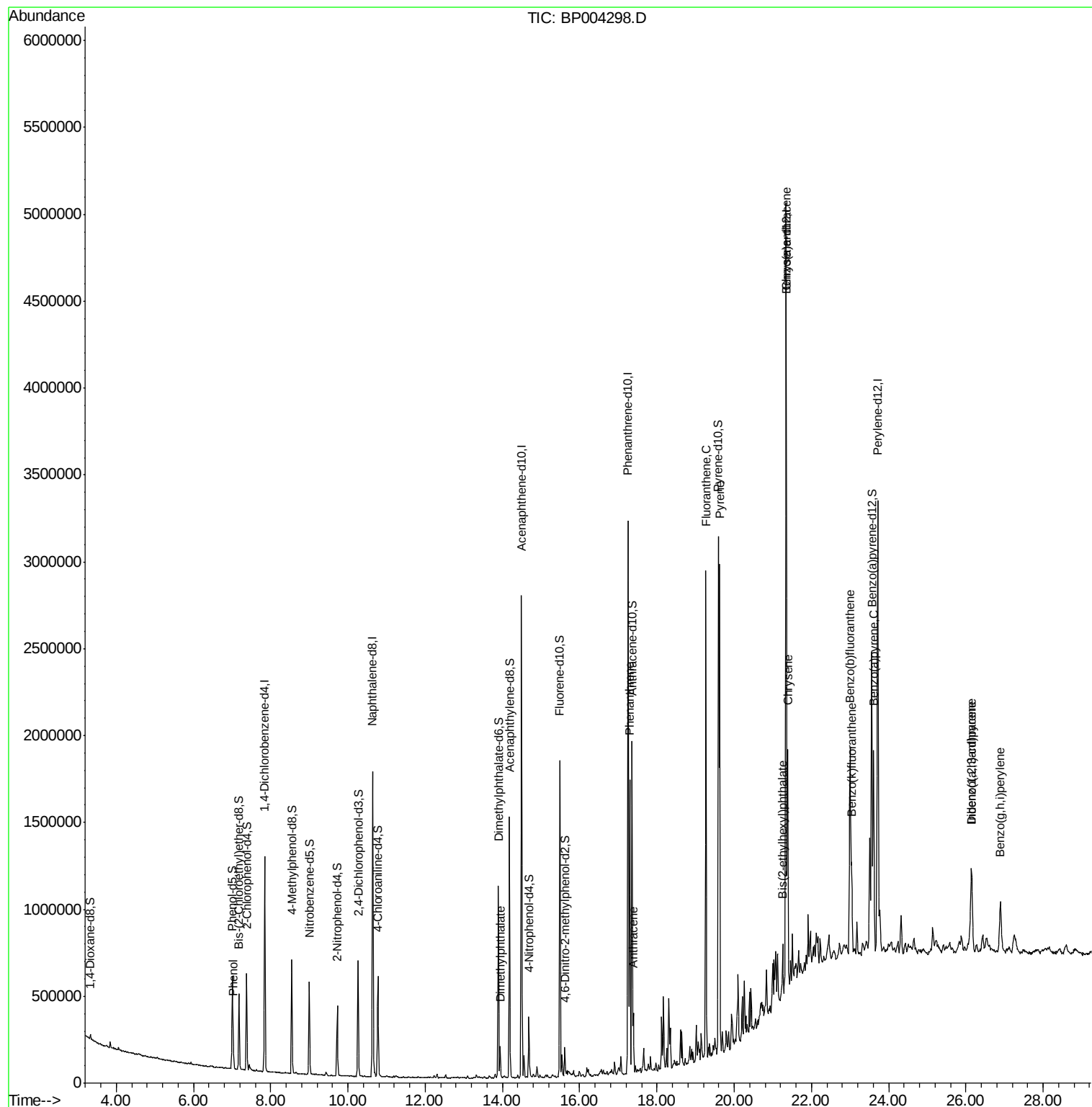
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004298.D
Acq On : 15 Dec 2020 11:39
Operator : CG/JU
Sample : L5001-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

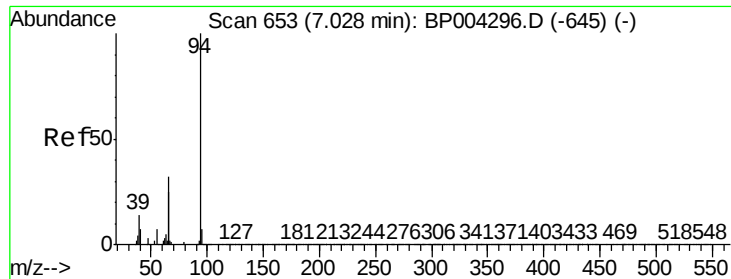
Instrument :
BNA_P
ClientSampled :
A54A8

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Quant Time: Dec 15 12:23:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 09:00:06 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.066 ng/ul

RT: 7.03 min Scan# 654

Delta R.T. 0.01 min

Lab File: BP004298.D

Acq: 15 Dec 2020 11:39

Instrument :

BNA_P

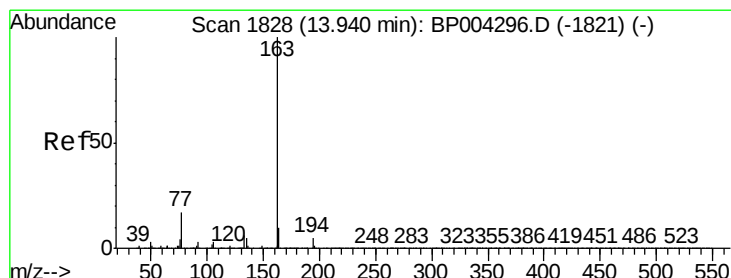
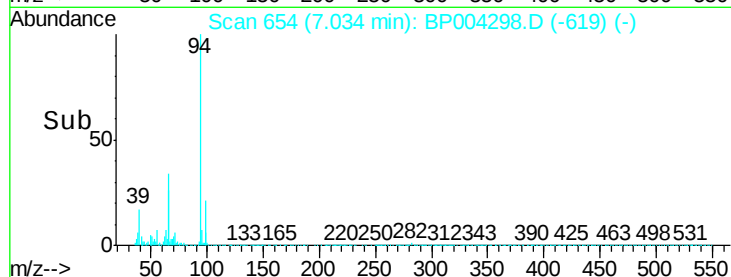
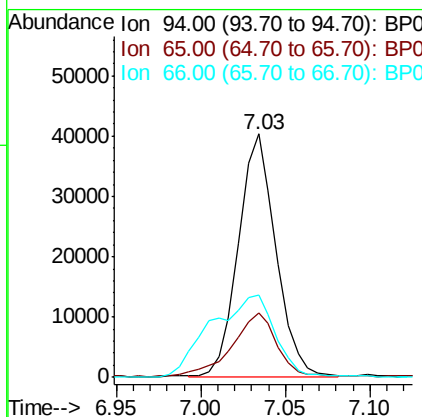
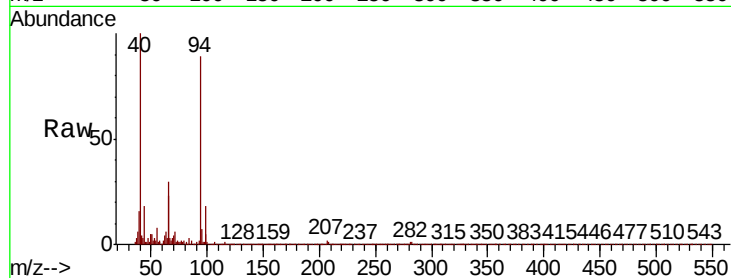
ClientSampled :

A54A8

Tot Ion:	94	Resp:	62145
Ion Ratio	Lower	Upper	
94	100		
65	26.4	20.8	31.2
66	33.8	26.5	39.7

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#45

Dimethylphthalate

Concen: 1.655 ng/ul

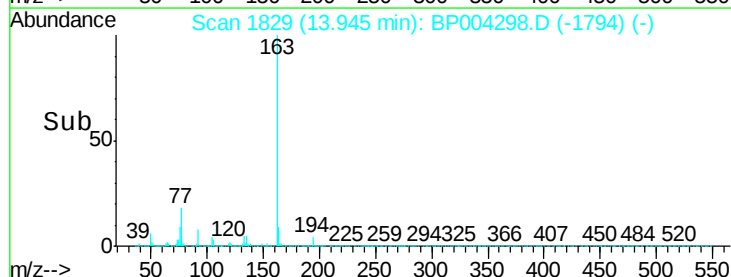
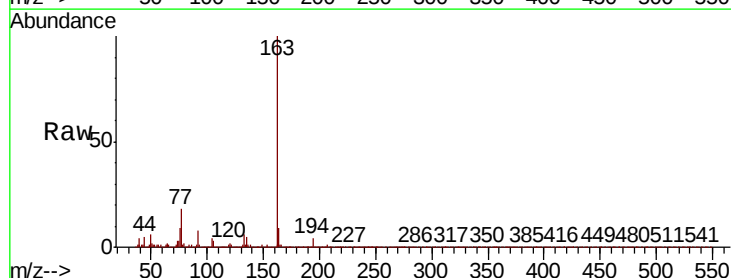
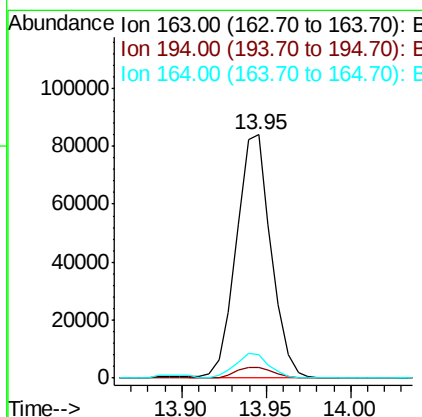
RT: 13.95 min Scan# 1829

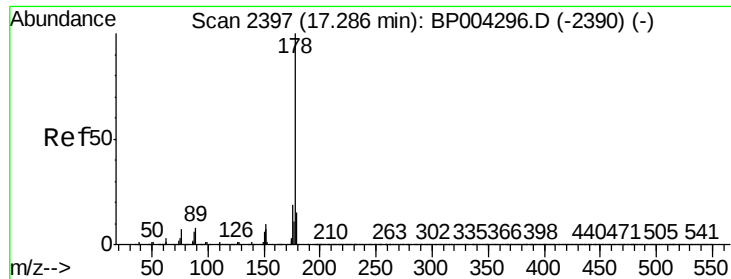
Delta R.T. 0.01 min

Lab File: BP004298.D

Acq: 15 Dec 2020 11:39

Tgt Ion:	163	Resp:	119631
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	9.5	8.4	12.6





#70

Phenanthrene

Concen: 9.062 ng/ul

RT: 17.29 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BP004298.D

Acq: 15 Dec 2020 11:39

Instrument :

BNA_P

ClientSampled :

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Tot Ion:178 Resp: 1043066

Ion Ratio Lower Upper

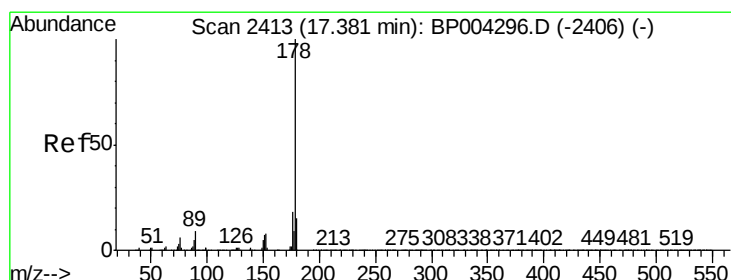
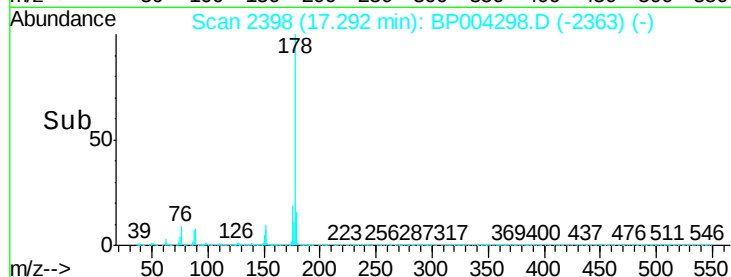
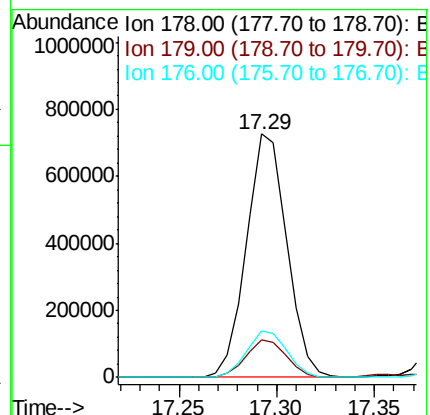
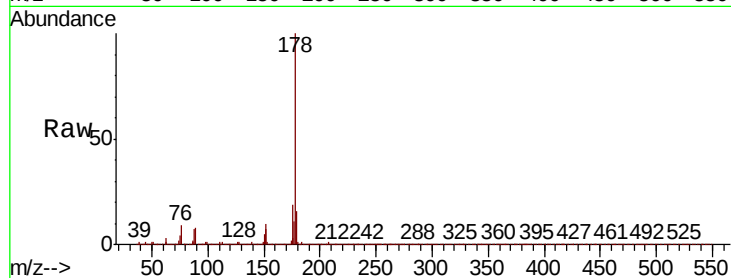
178 100

179 15.6 12.4 18.6

176 19.0 15.4 23.0

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#72

Anthracene

Concen: 1.874 ng/ul

RT: 17.39 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BP004298.D

Acq: 15 Dec 2020 11:39

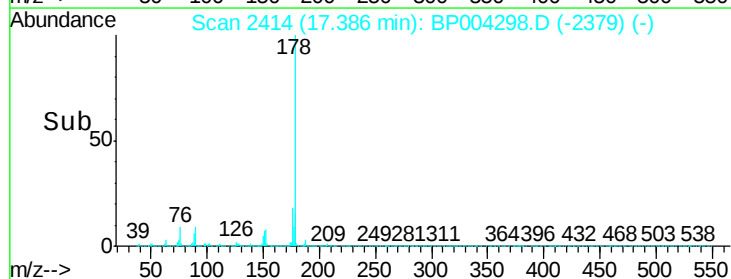
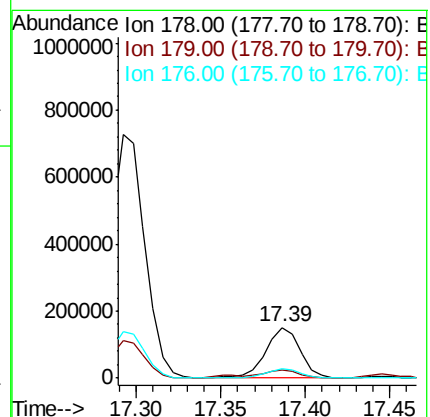
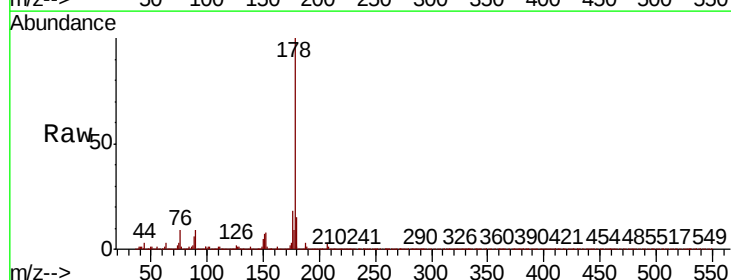
Tgt Ion:178 Resp: 213441

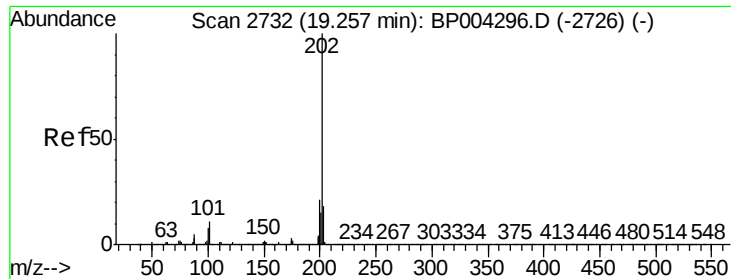
Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 18.0 14.9 22.3





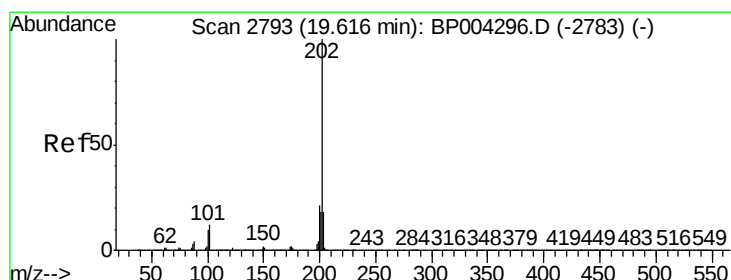
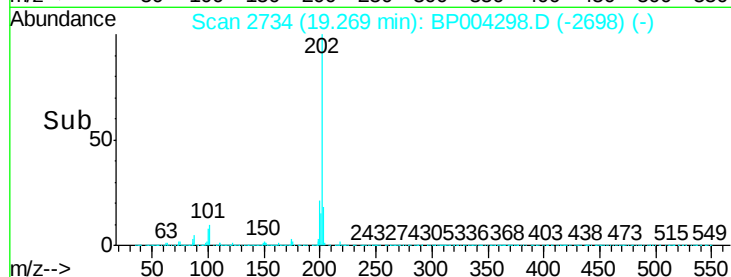
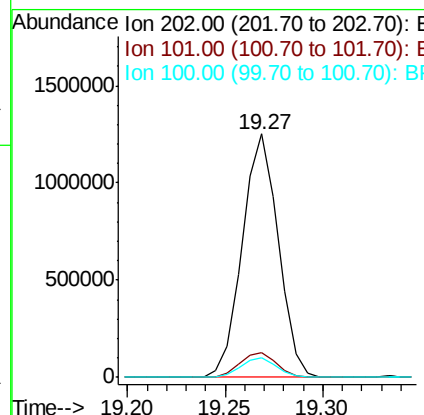
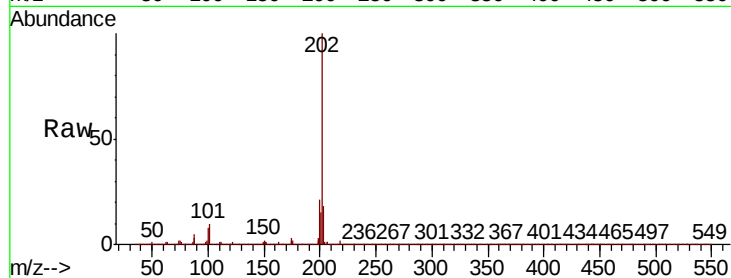
#77
Fluoranthene
Concen: 12.997 ng/ul
RT: 19.27 min Scan# 2734
Delta R.T. 0.01 min
Lab File: BP004298.D
Acq: 15 Dec 2020 11:39

Instrument :
BNA_P
ClientSampleId :
A54A8

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.1	13.7
100	7.8	7.1	10.7

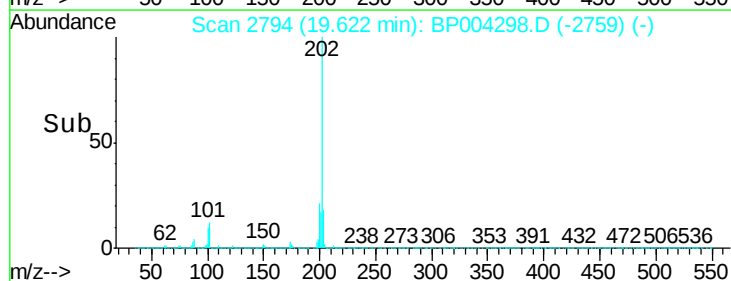
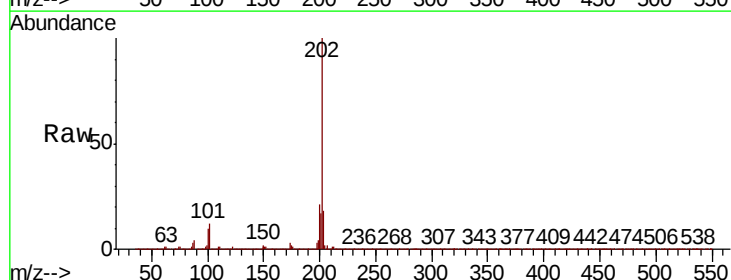
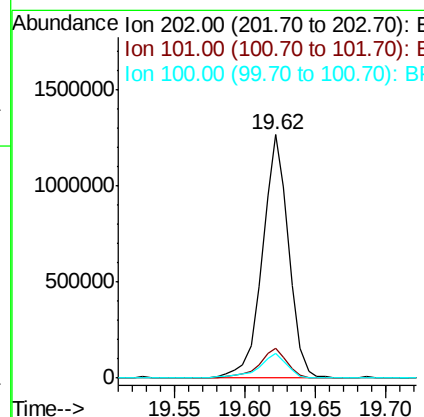
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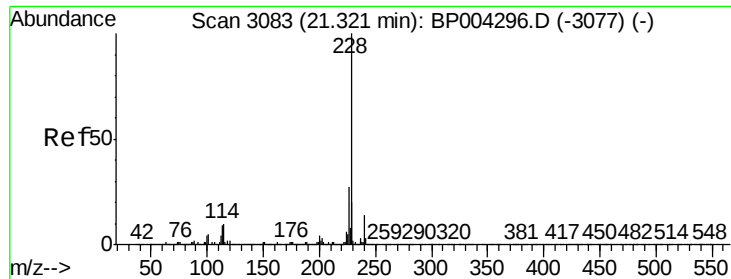
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#80
Pyrene
Concen: 12.755 ng/ul
RT: 19.62 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BP004298.D
Acq: 15 Dec 2020 11:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.6	15.8
100	10.2	8.6	12.8





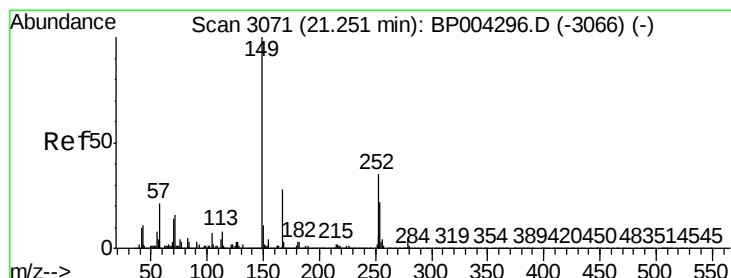
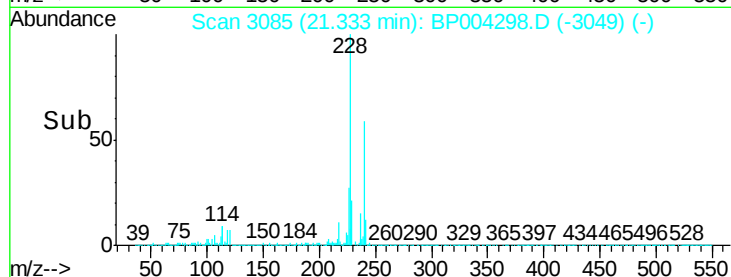
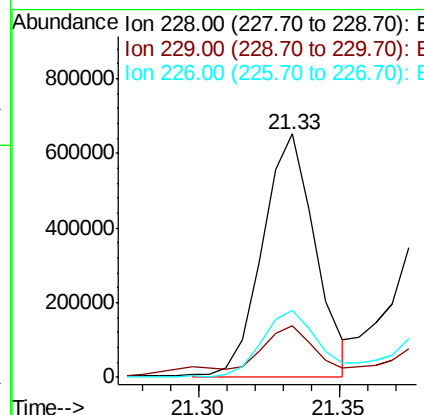
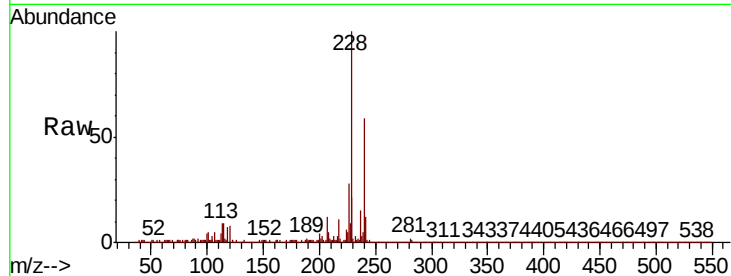
#83
Benzo(a)anthracene
Concen: 6.669 ng/ul
RT: 21.33 min Scan# 3085
Delta R.T. 0.01 min
Lab File: BP004298.D
Acq: 15 Dec 2020 11:39

Instrument :
BNA_P
ClientSampled :
A54A8

Tot Ion:	228	Resp:	842563
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.8	23.8
226	27.7	21.7	32.5

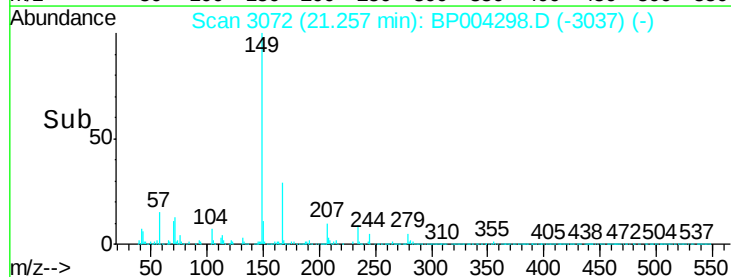
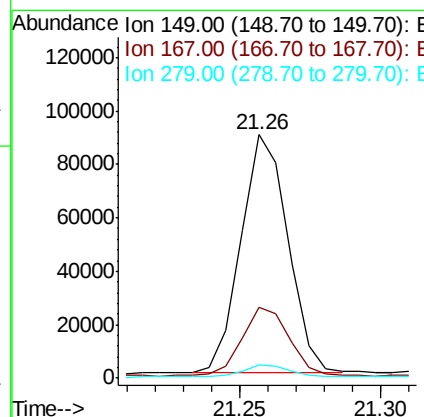
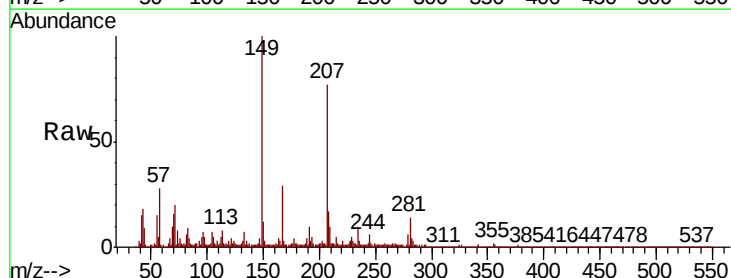
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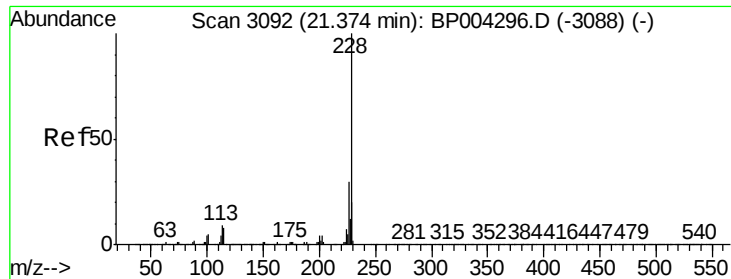
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.778 ng/ul
RT: 21.26 min Scan# 3072
Delta R.T. 0.01 min
Lab File: BP004298.D
Acq: 15 Dec 2020 11:39

Tgt Ion:	149	Resp:	102775
Ion Ratio	Lower	Upper	
149	100		
167	29.3	22.2	33.4
279	5.5	3.6	5.4#





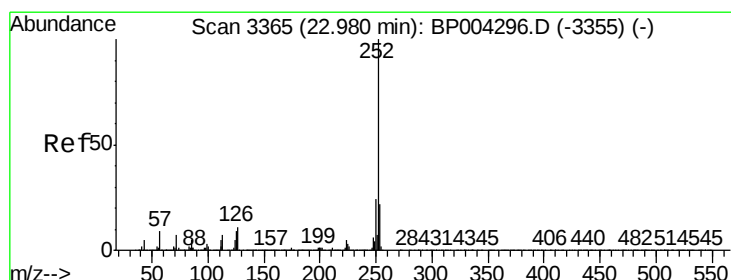
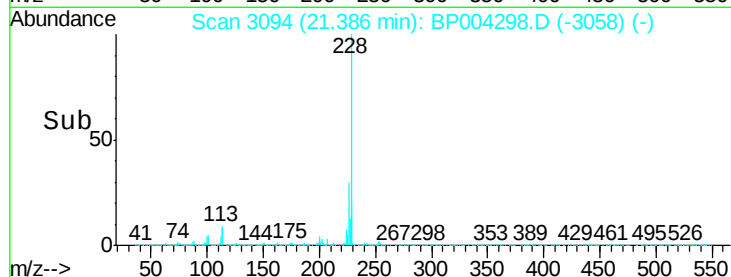
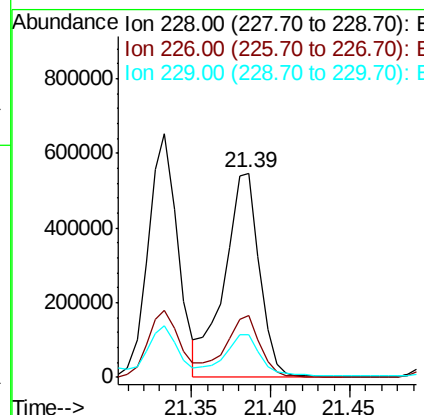
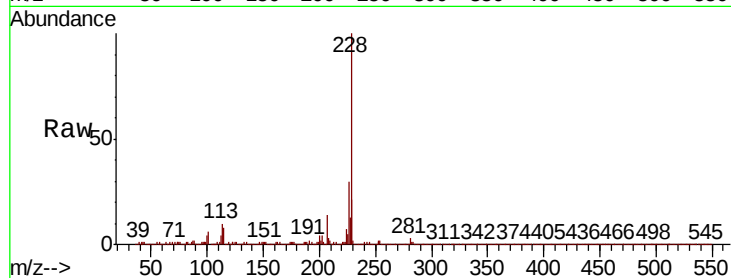
#85
Chrysene
Concen: 6.733 ng/u1
RT: 21.39 min Scan# 3094
Delta R.T. 0.01 min
Lab File: BP004298.D
Acq: 15 Dec 2020 11:39

Instrument :
BNA_P
ClientSampleId :
A54A8

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	20.9	15.8	23.8

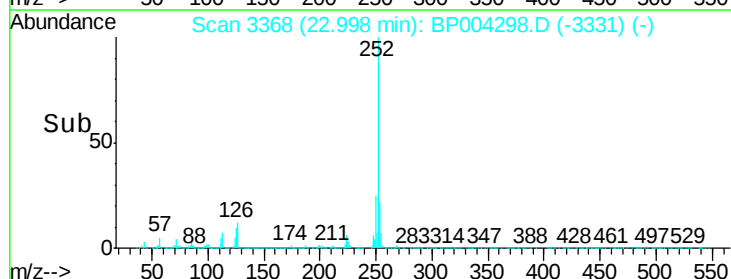
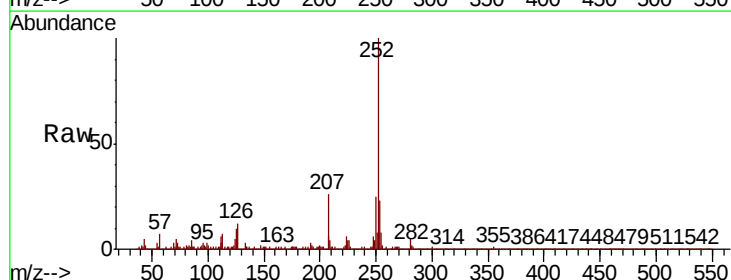
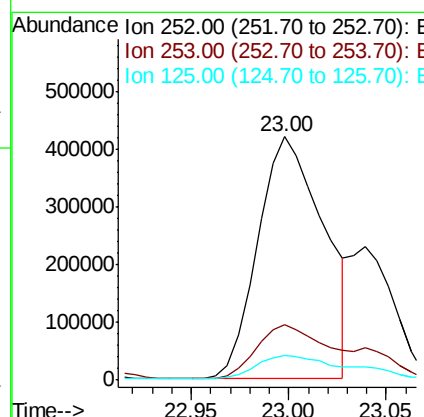
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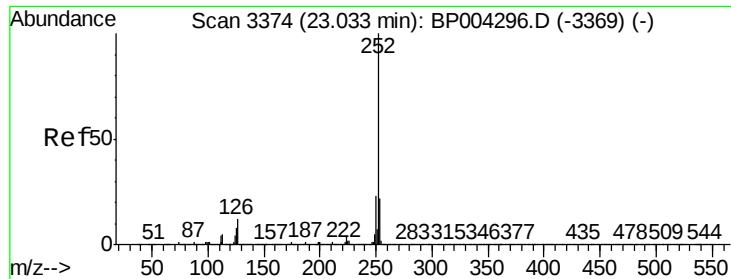
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#88
Benzo(b)fluoranthene
Concen: 7.620 ng/u1
RT: 23.00 min Scan# 3368
Delta R.T. 0.02 min
Lab File: BP004298.D
Acq: 15 Dec 2020 11:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	10.1	7.7	11.5





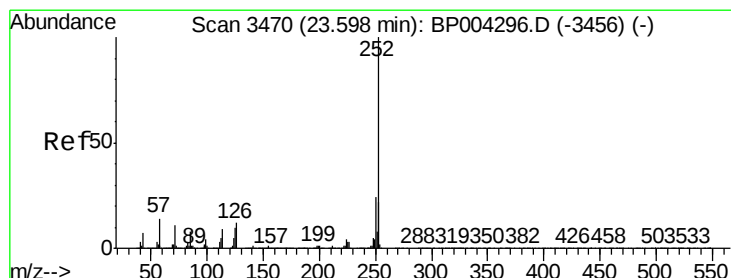
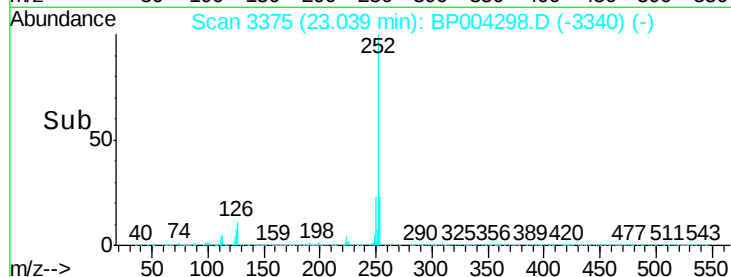
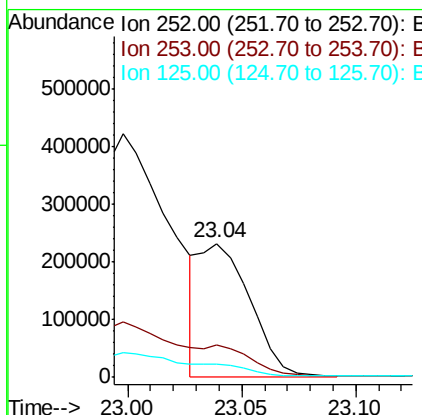
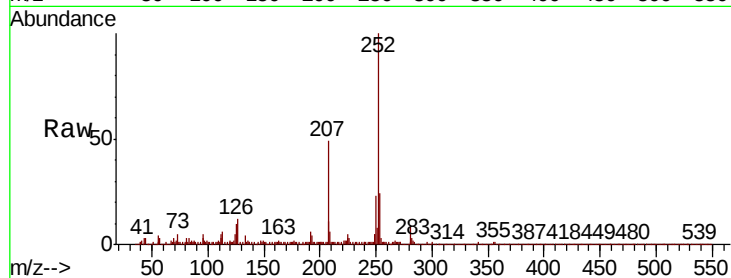
#89
Benzo(k)fluoranthene
Concen: 2.684 ng/ul m
RT: 23.04 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BP004298.D
Acq: 15 Dec 2020 11:39

Instrument :
BNA_P
ClientSampled :
A54A8

Tot Ion	Ratio	Resp	Lower	Upper
252	100	356995		
253	23.9		17.4	26.2
125	9.5		7.3	10.9

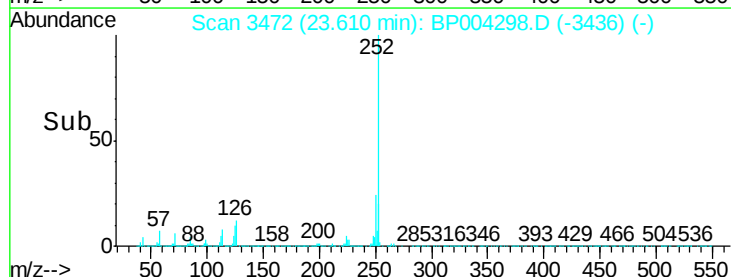
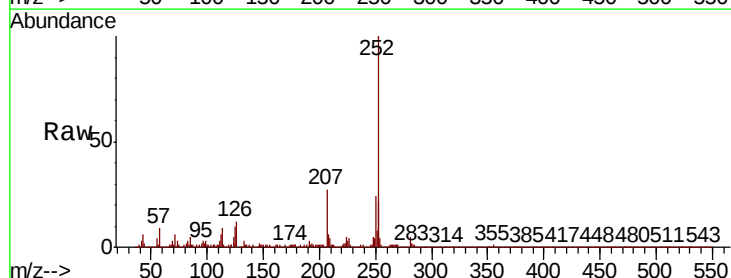
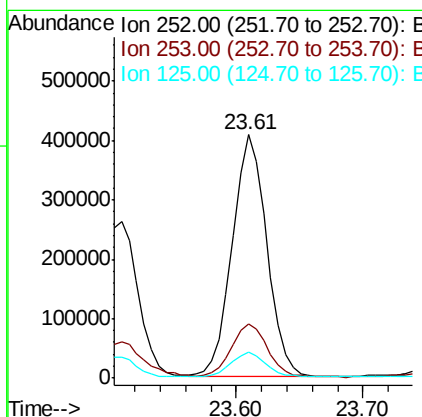
Manual Integrations
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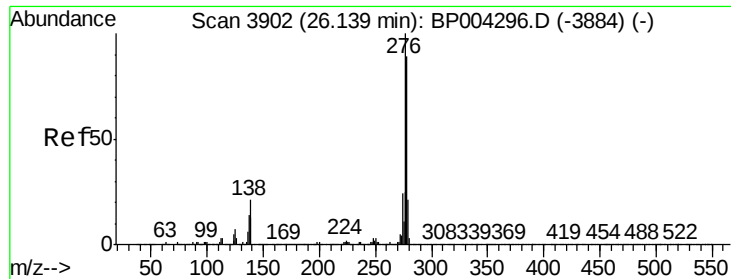
mohammad
12/17/2020 9:52:33 AM



#91
Benzo(a)pyrene
Concen: 6.366 ng/ul
RT: 23.61 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BP004298.D
Acq: 15 Dec 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	769360		
253	22.1		17.3	25.9
125	10.4		7.8	11.6





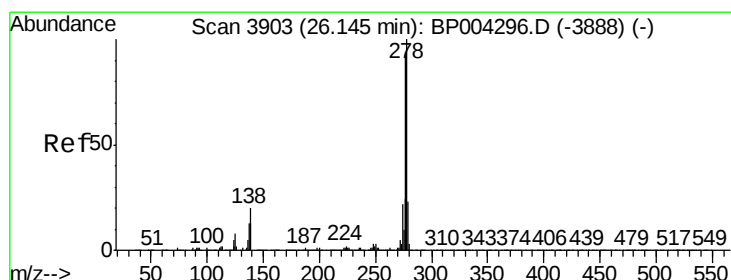
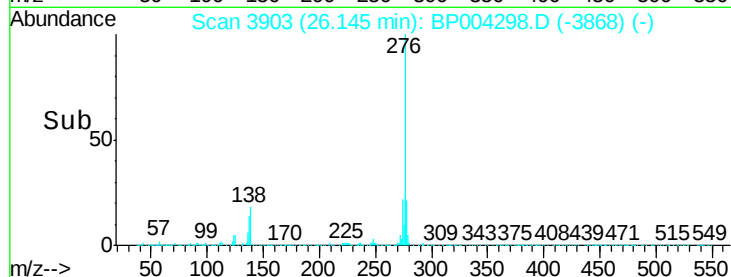
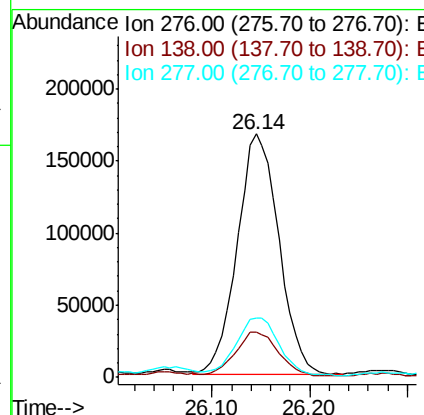
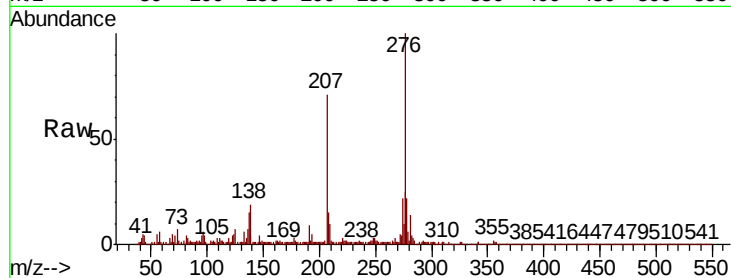
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.272 ng/uL
RT: 26.14 min Scan# 3903
Delta R.T. 0.01 min
Lab File: BP004298.D
Acq: 15 Dec 2020 11:39

Instrument :
BNA_P
ClientSampleId :
A54A8

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	17.8	26.6
277	24.5	19.8	29.6

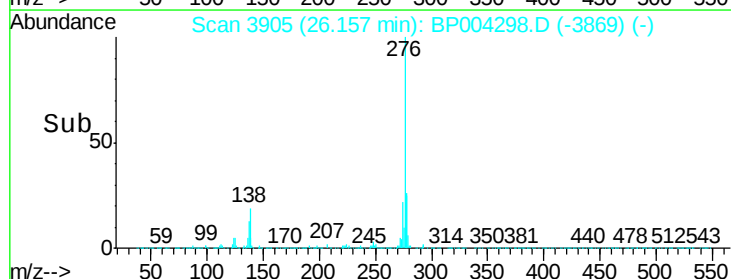
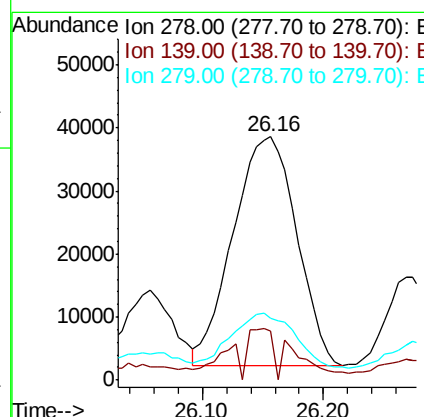
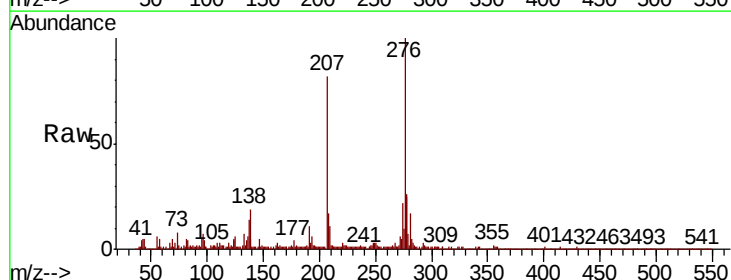
Manual Integrations
APPROVED

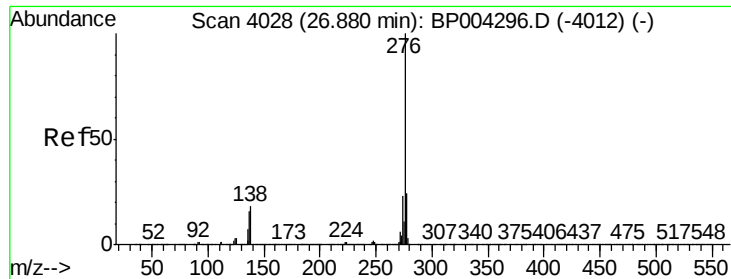
mohammad
12/17/2020 9:52:33 AM



#93
Dibenzo(a,h)anthracene
Concen: 1.042 ng/uL
RT: 26.16 min Scan# 3905
Delta R.T. 0.01 min
Lab File: BP004298.D
Acq: 15 Dec 2020 11:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	11.9	17.9#
279	25.5	18.6	28.0





#94
 Benzo(a,h,i)perylene
 Concen: 3.026 ng/ul
 RT: 26.89 min Scan# 4030
 Delta R.T. 0.01 min
 Lab File: BP004298.D
 Acq: 15 Dec 2020 11:39

Instrument :
 BNA_P
 ClientSampleId :
 A54A8

Tot Ion:	276	Resp:	384718
Ion Ratio	Lower	Upper	
276	100		
138	19.5	16.6	25.0
277	24.5	18.5	27.7

Manual Integrations
 APPROVED

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 12/17/2020 9:52:33 AM

