

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004273.D
 Acq On : 14 Dec 2020 14:37
 Operator : CG/JU
 Sample : L5000-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A1

Manual Integrations
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mohammad
 12/17/2020 9:51:30 AM

Quant Time: Dec 14 15:47:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 14 15:30:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	336110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1448594	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	905577	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1983642	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1902730	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	2158984	20.00	ng/ul	0.00

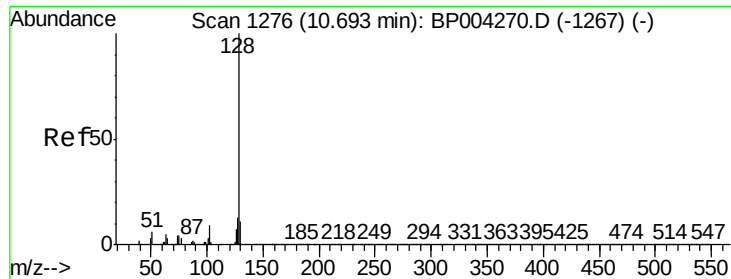
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	15513	1.62	ng/uL	0.00
5) Phenol-d5	7.00	99	345796	12.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	180934	10.42	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	279565	13.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	275363	13.11	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	136835	11.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	153421	15.68	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	297625	13.83	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	272476	10.22	ng/ul	-0.01
44) Dimethylphthalate-d6	13.89	166	872663	12.61	ng/ul	-0.01
47) Acenaphthylene-d8	14.17	160	1129669	12.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	132958	11.37	ng/ul	-0.01
58) Fluorene-d10	15.48	176	787671	12.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	66050	6.94	ng/ul	-0.01
71) Anthracene-d10	17.35	188	1229966	12.72	ng/ul	0.00
79) Pyrene-d10	19.59	212	1407850	14.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	1511868	13.29	ng/ul	-0.01

Target Compounds

					Ovalue
28) Naphthalene	10.68	128	397246	4.837	ng/ul 99
34) 2-Methylnaphthalene	12.30	142	143464	2.597	ng/ul 100
45) Dimethylphthalate	13.93	163	234872	3.332	ng/ul 99
50) Acenaphthene	14.55	153	318463	5.131	ng/ul 98
54) Dibenzofuran	14.89	168	502428	5.745	ng/ul 99
59) Fluorene	15.53	166	410329	5.866	ng/ul 98
70) Phenanthrene	17.29	178	6375297	54.477	ng/ul 99
72) Anthracene	17.38	178	1349669	11.657	ng/ul 100
75) Carbazole	17.65	167	760376	8.070	ng/ul 100
77) Fluoranthene	19.26	202	8260822	66.109	ng/ul 97
80) Pyrene	19.62	202	6989202	54.455	ng/ul 97
83) Benzo(a)anthracene	21.33	228	3466509	27.639	ng/ul 98
85) Chrysene	21.37	228	3682788	29.932	ng/ul 97
88) Benzo(b)fluoranthene	22.99	252	4774039	34.868	ng/ul 98
89) Benzo(k)fluoranthene	23.03	252	1613501m	11.475	ng/ul
91) Benzo(a)pyrene	23.60	252	3238187	25.345	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.14	276	2371503	14.801	ng/ul# 94
93) Dibenzo(a,h)anthracene	26.14	278	577154	4.298	ng/ul# 92
94) Benzo(g,h,i)perylene	26.88	276	1798753	13.381	ng/ul 96

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



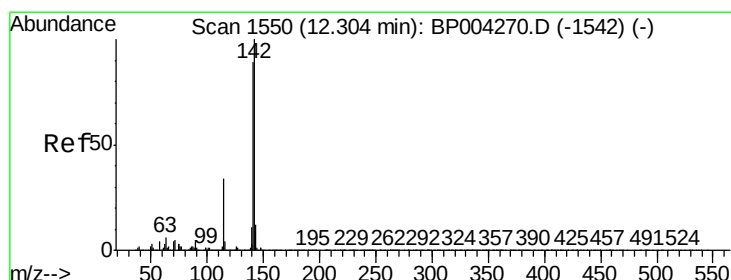
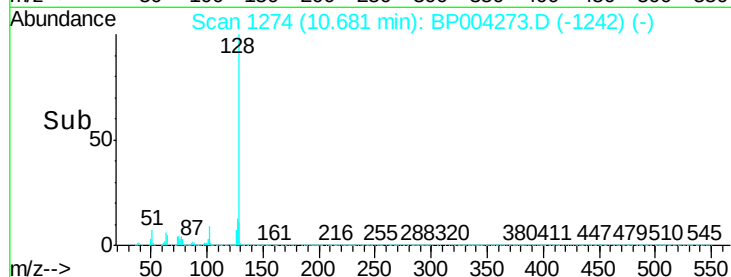
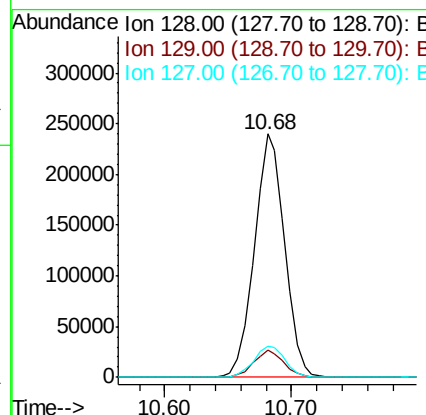
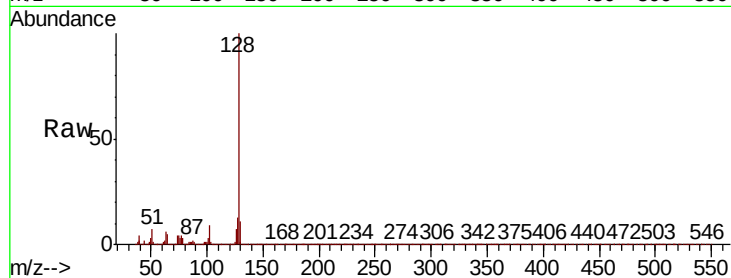
#28
Naphthalene
Concen: 4.837 ng/ul
RT: 10.68 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.8	10.6	16.0

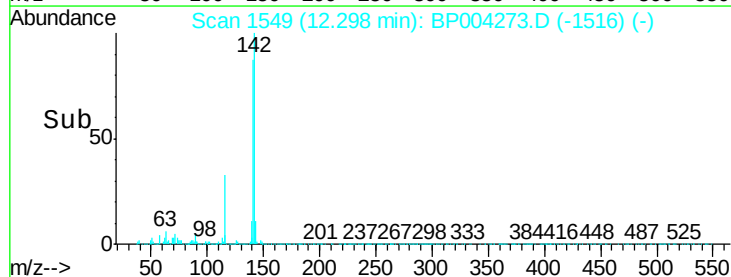
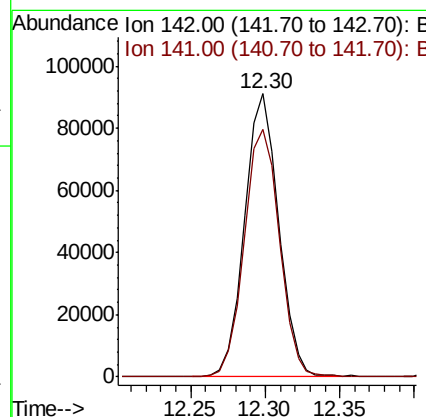
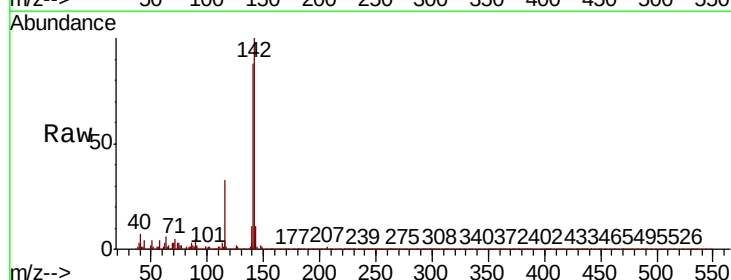
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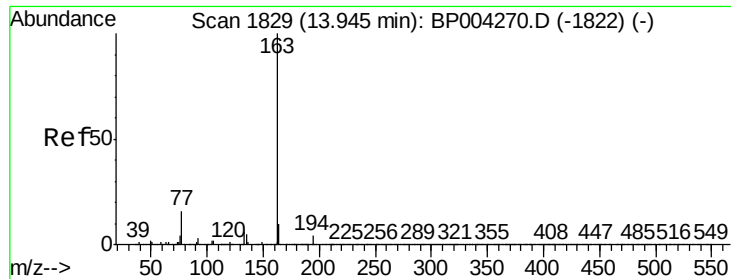
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#34
2-Methylnaphthalene
Concen: 2.597 ng/ul
RT: 12.30 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	87.5	69.7	104.5





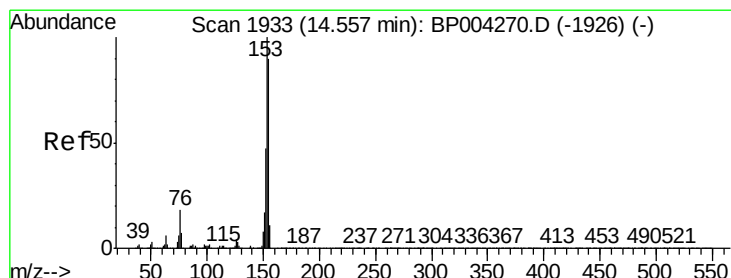
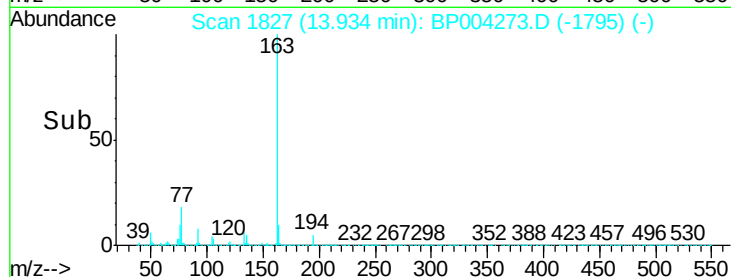
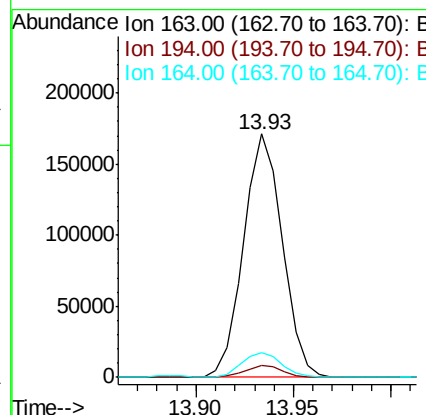
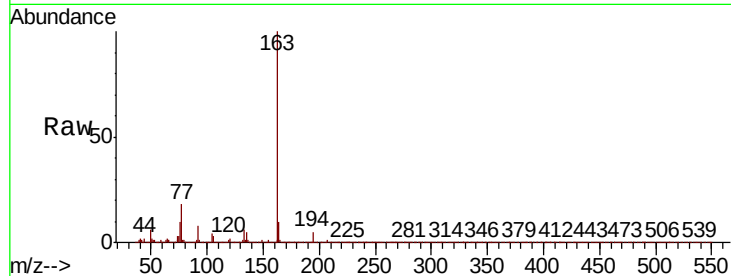
#45
Dimethylphthalate
Concen: 3.332 ng/ul
RT: 13.93 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.0	8.4	12.6

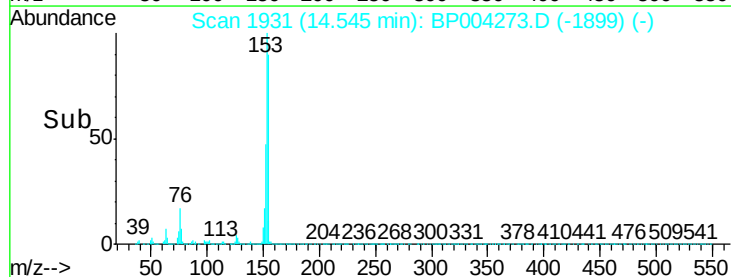
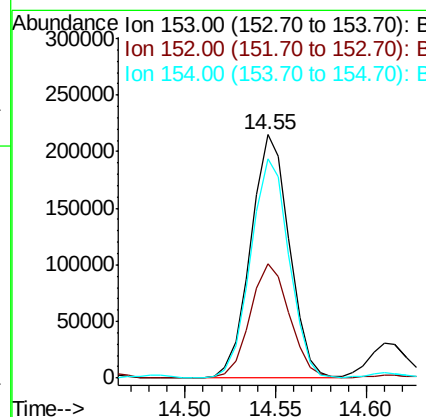
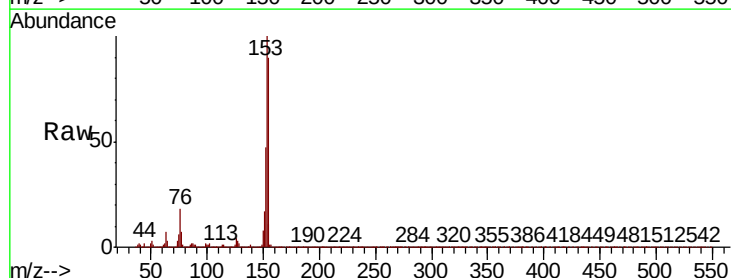
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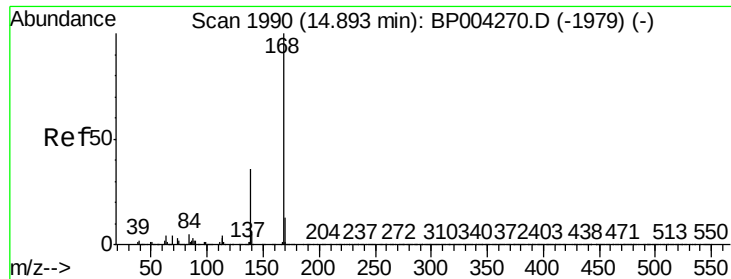
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#50
Acenaphthene
Concen: 5.131 ng/ul
RT: 14.55 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.8	56.6
154	89.9	69.8	104.8





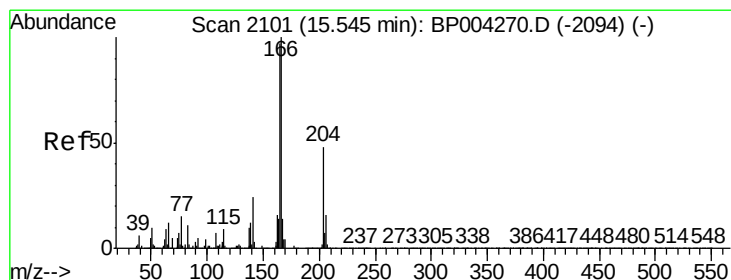
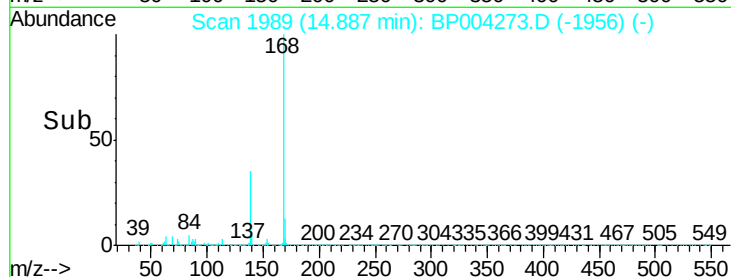
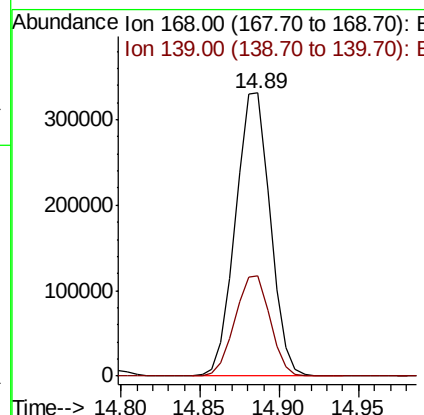
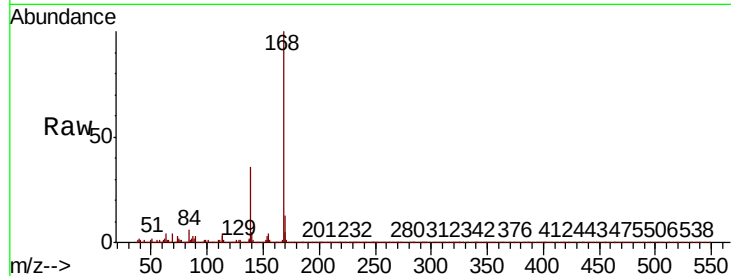
#54
Dibenzofuran
Concen: 5.745 ng/ul
RT: 14.89 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	29.0	43.6

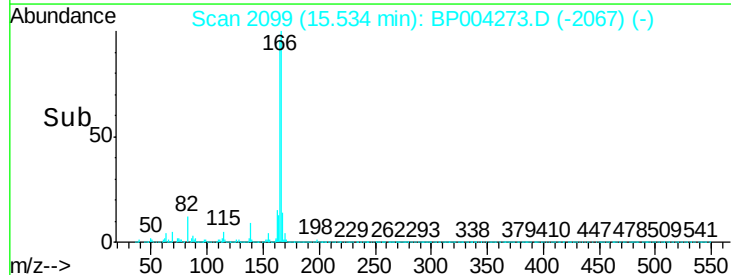
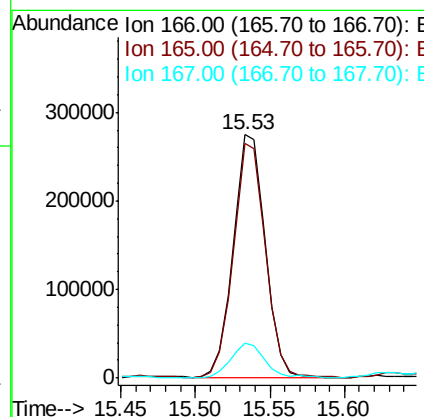
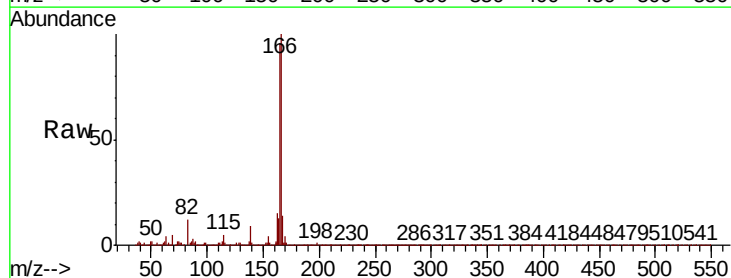
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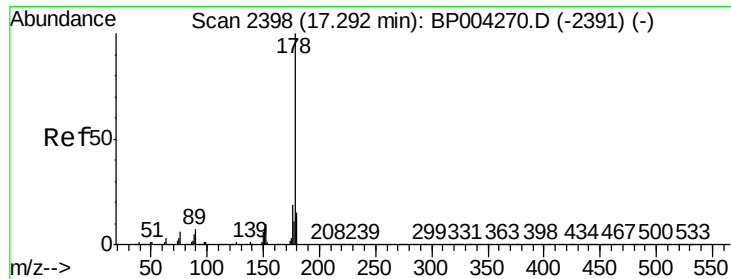
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#59
Fluorene
Concen: 5.866 ng/ul
RT: 15.53 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.2	117.2
167	14.4	10.8	16.2





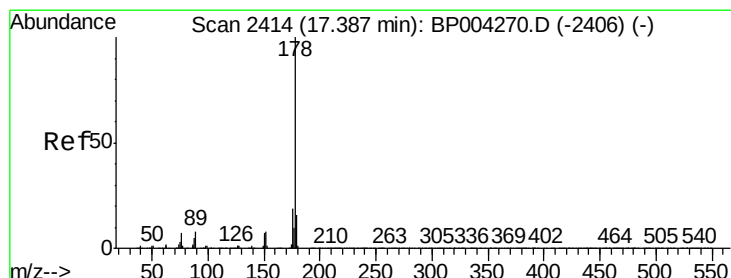
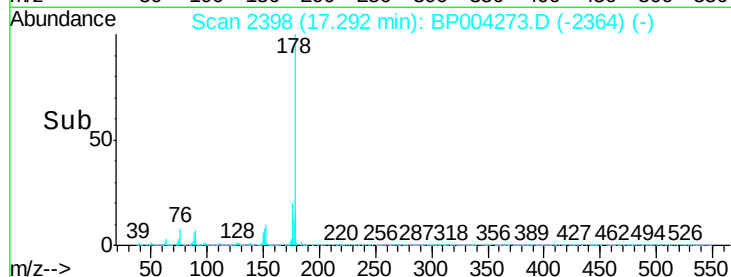
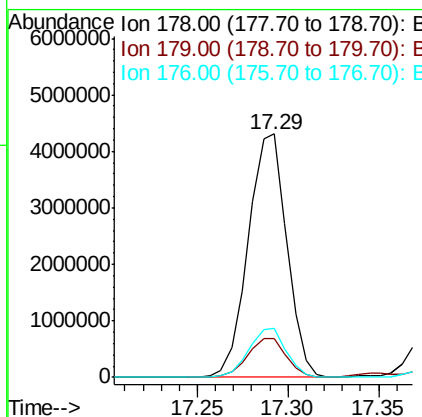
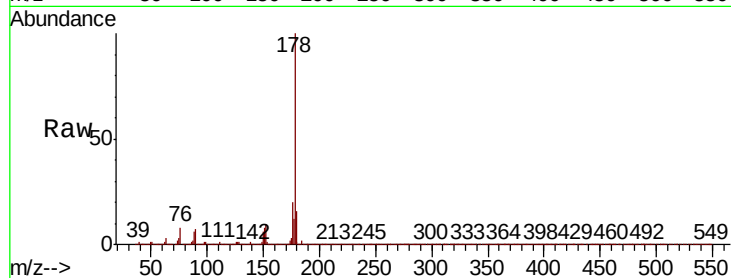
#70
Phenanthrene
Concen: 54.477 ng/ul
RT: 17.29 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion:178 Resp: 6375297
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 20.1 15.4 23.0

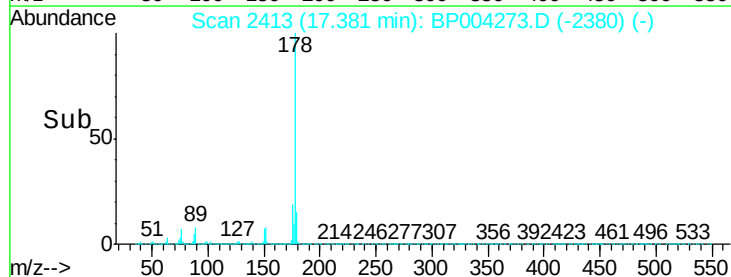
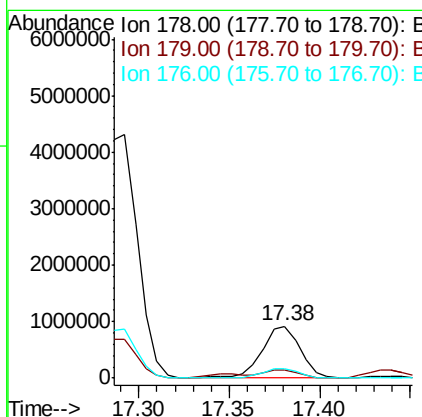
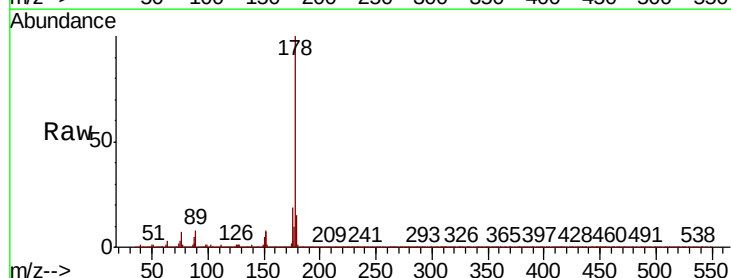
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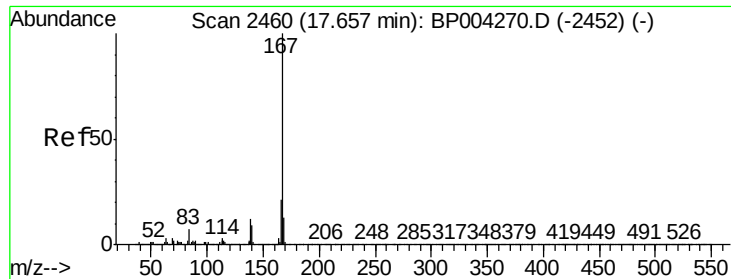
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#72
Anthracene
Concen: 11.657 ng/ul
RT: 17.38 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Tgt Ion:178 Resp: 1349669
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.9 14.9 22.3





#75

Carbazole

Concen: 8.070 ng/ul

RT: 17.65 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BP004273.D

Acq: 14 Dec 2020 14:37

Instrument :

BNA_P

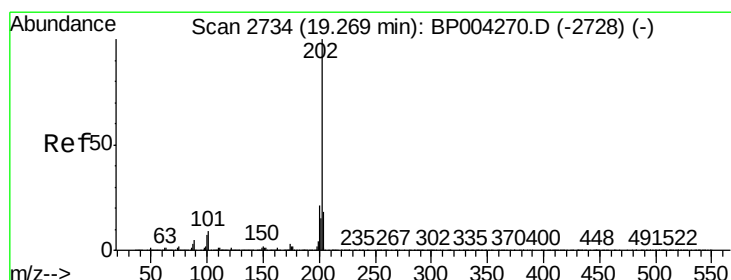
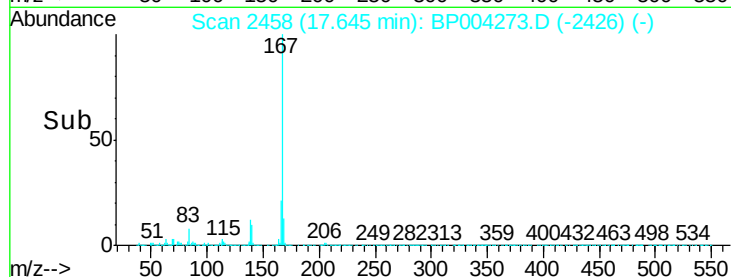
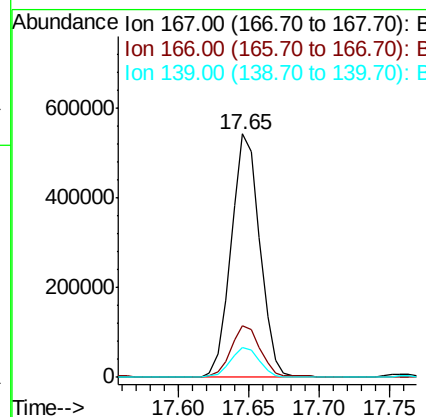
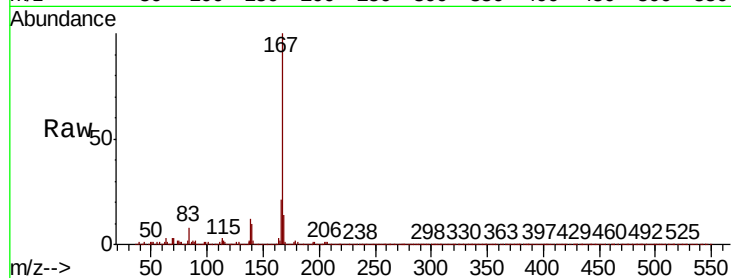
ClientSampleId :

A54A1

Tot Ion:	167	Resp:	760376
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.1	25.7
139	12.3	9.8	14.6

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#77

Fluoranthene

Concen: 66.109 ng/ul

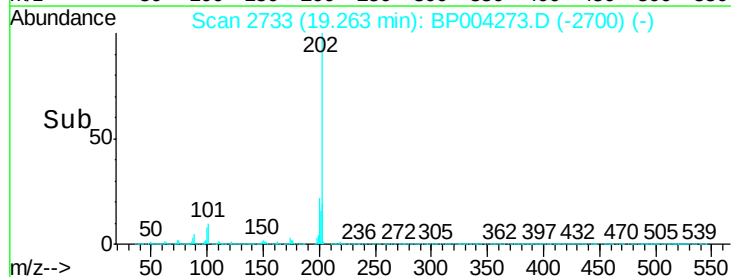
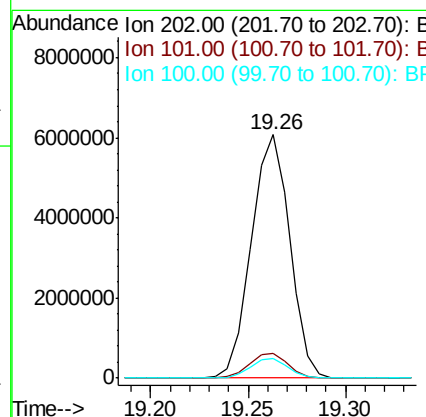
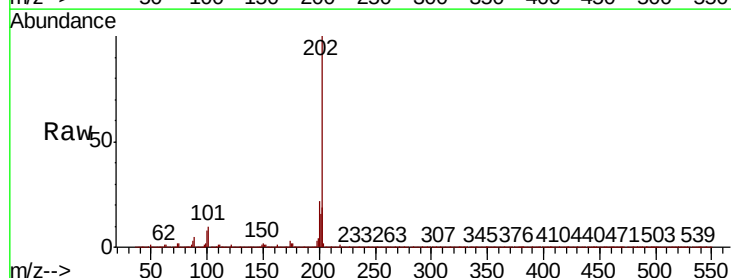
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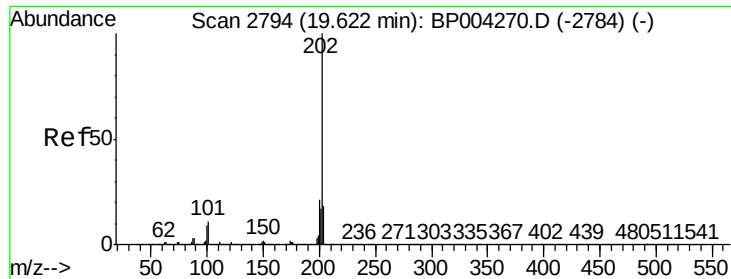
Delta R.T. -0.01 min

Lab File: BP004273.D

Acq: 14 Dec 2020 14:37

Tgt Ion:	202	Resp:	8260822
Ion Ratio	Lower	Upper	
202	100		
101	10.3	9.1	13.7
100	7.8	7.1	10.7





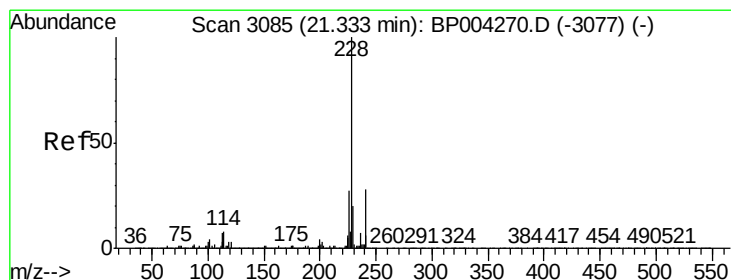
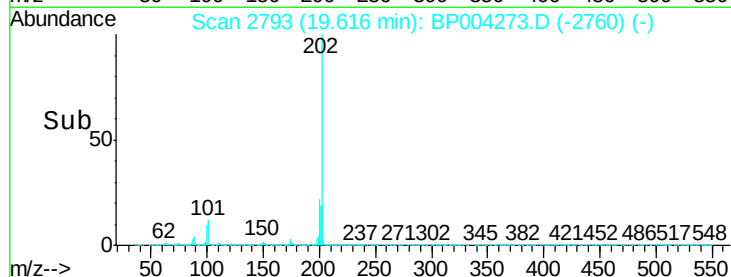
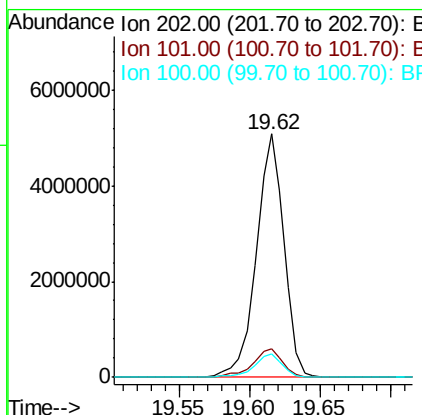
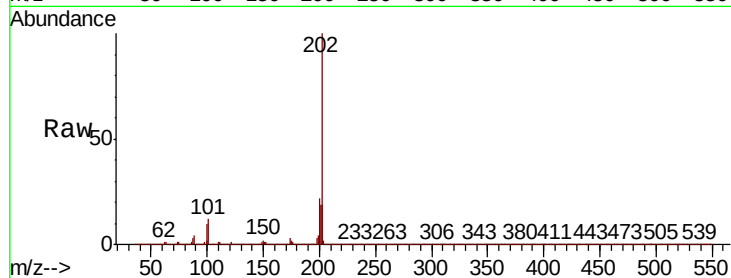
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Pvrene
Concen: 54.455 ng/ul
RT: 19.62 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.6	15.8
100	9.6	8.6	12.8

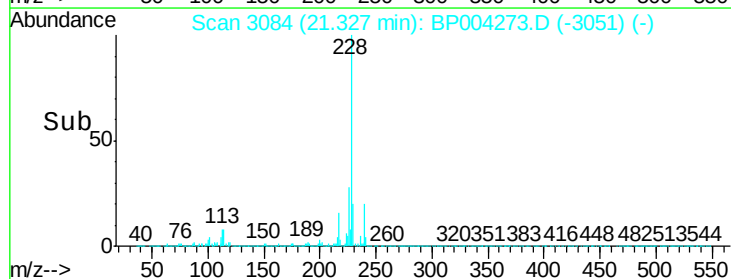
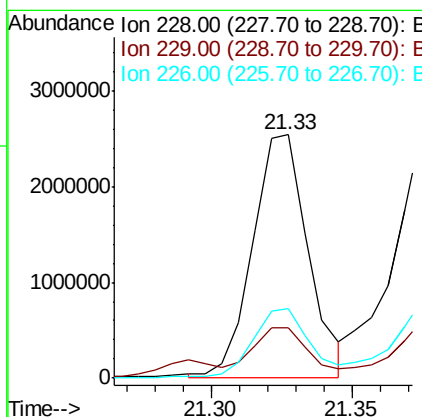
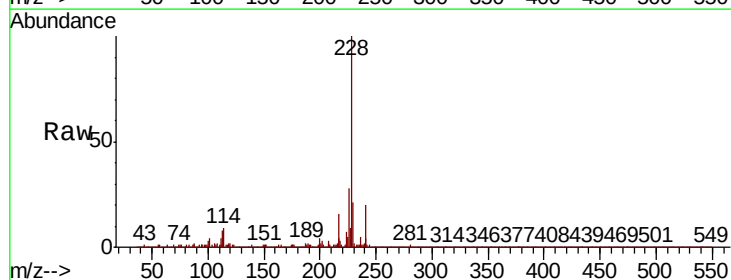
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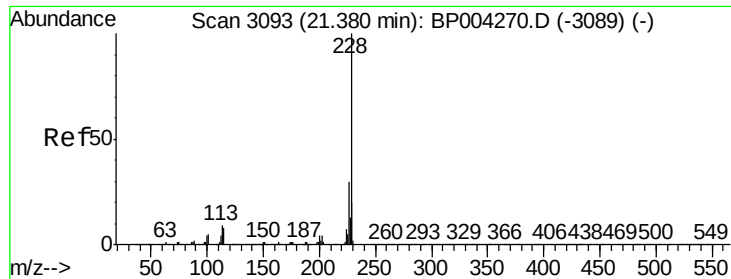
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#83
Benzo(a)anthracene
Concen: 27.639 ng/ul
RT: 21.33 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	28.4	21.7	32.5





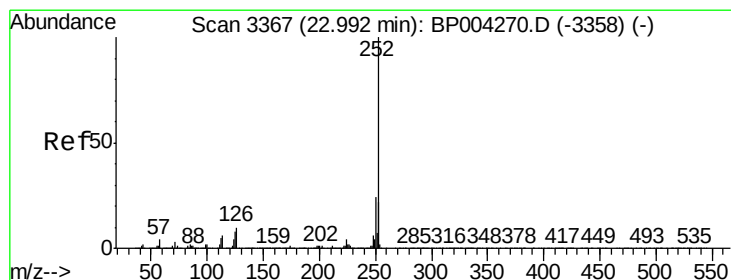
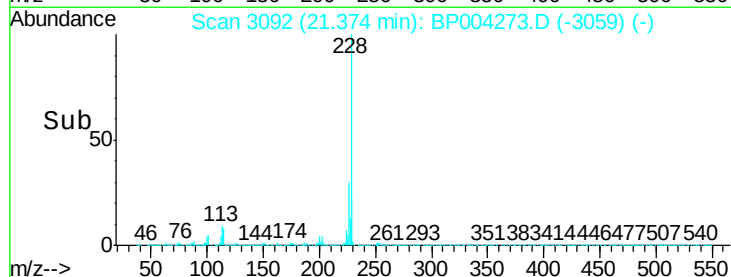
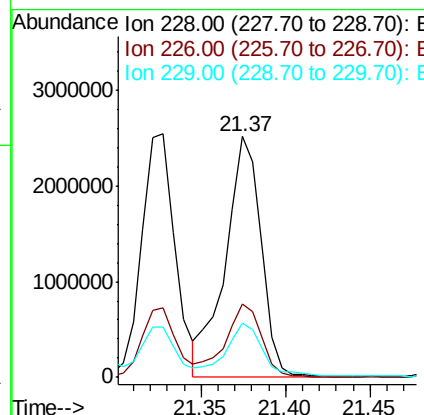
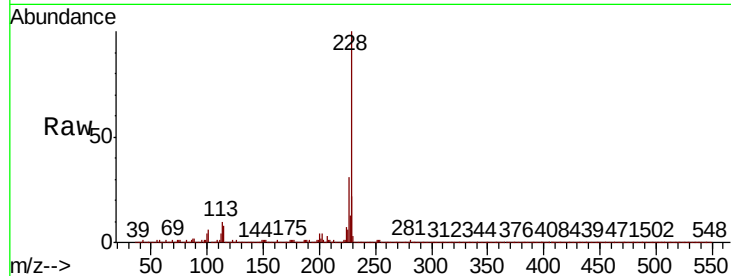
#85
Chrysene
Concen: 29.932 ng/ul
RT: 21.37 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	22.3	15.8	23.8

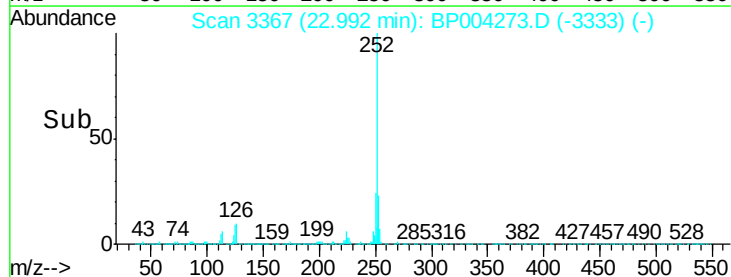
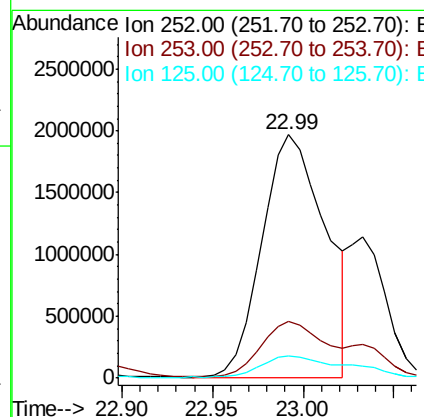
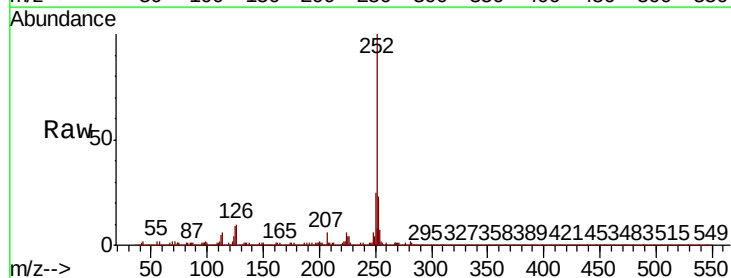
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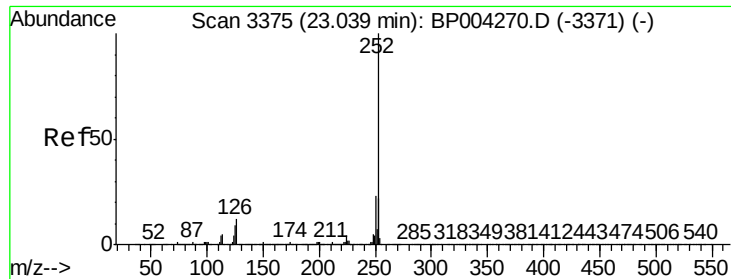
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#88
Benzo(b)fluoranthene
Concen: 34.868 ng/ul
RT: 22.99 min Scan# 3367
Delta R.T. -0.00 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.0	7.7	11.5





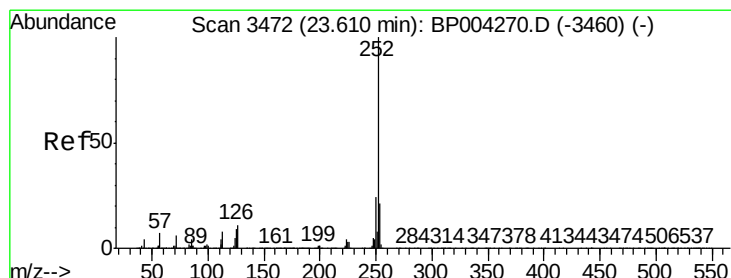
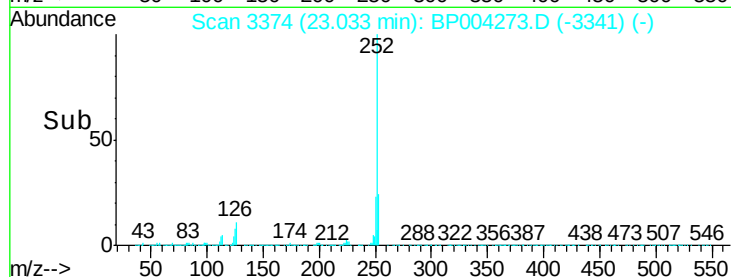
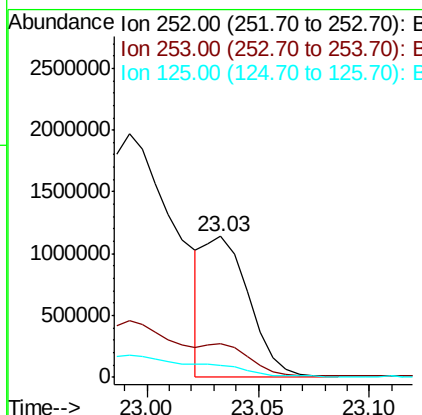
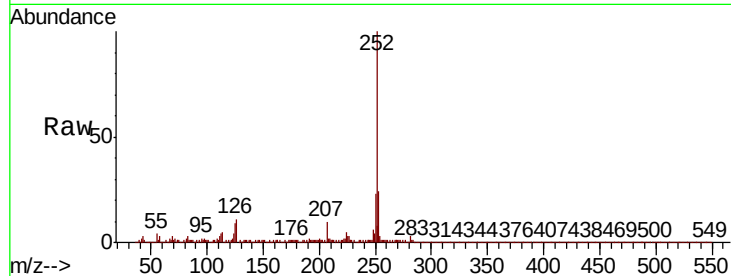
#89
Benzo(k)fluoranthene
Concen: 11.475 ng/ul m
RT: 23.03 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Instrument :
BNA_P
ClientSampled :
A54A1

Tot Ion:252 Resp: 1613501
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 8.7 7.3 10.9

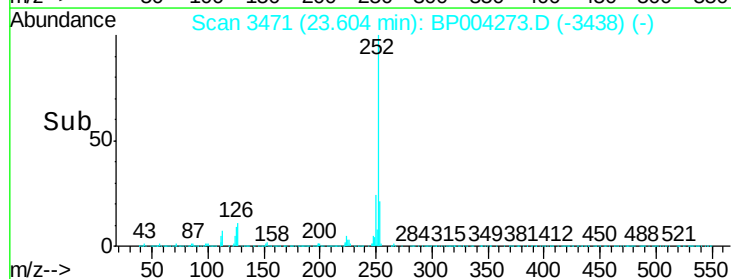
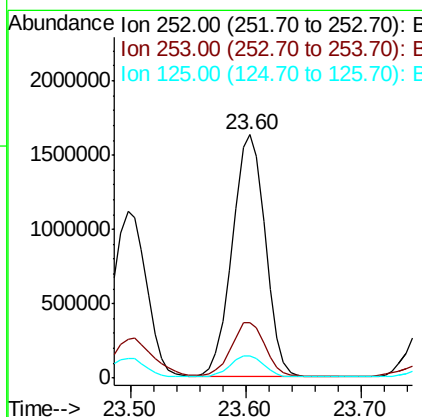
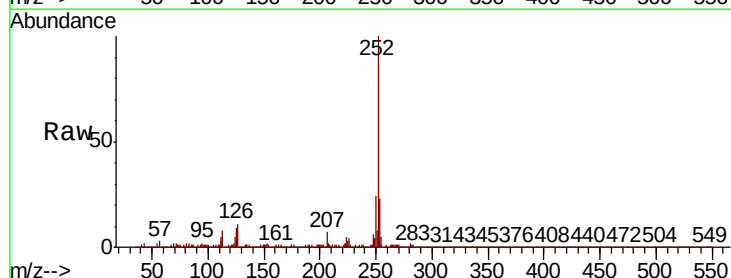
Manual Integrations
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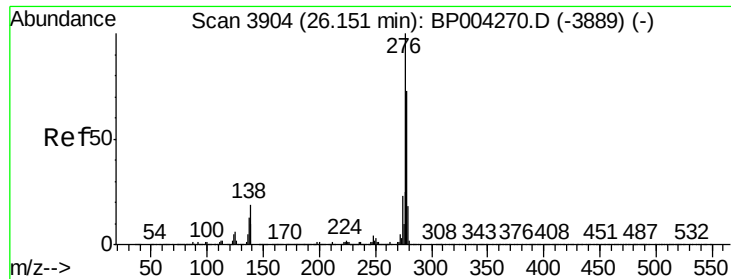
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#91
Benzo(a)pyrene
Concen: 25.345 ng/ul
RT: 23.60 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Tgt Ion:252 Resp: 3238187
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 9.3 7.8 11.6





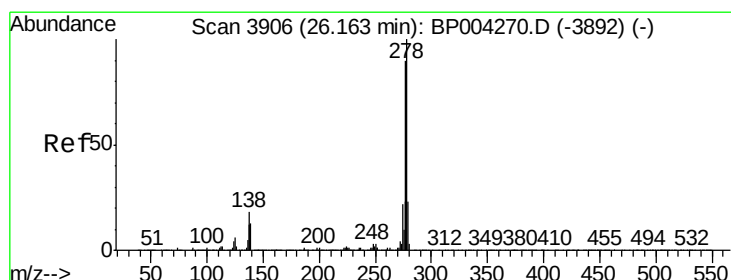
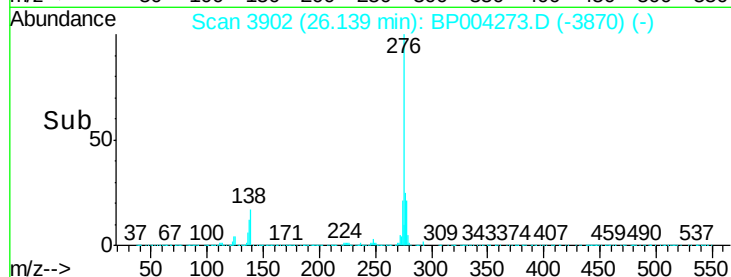
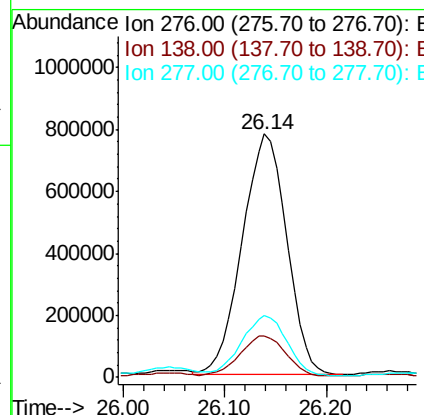
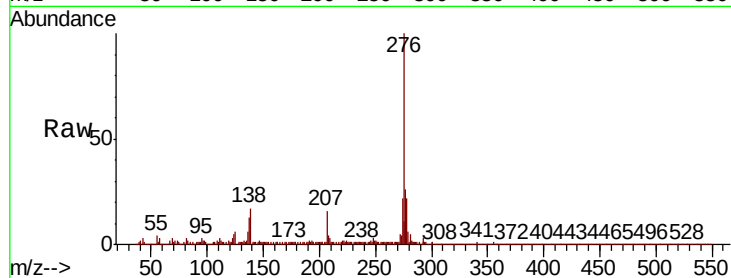
#92
Indeno(1,2,3-cd)pyrene
Concen: 14.801 ng/ul
RT: 26.14 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Instrument :
BNA_P
ClientSampled :
A54A1

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.0	17.8	26.6#
277	25.5	19.8	29.6

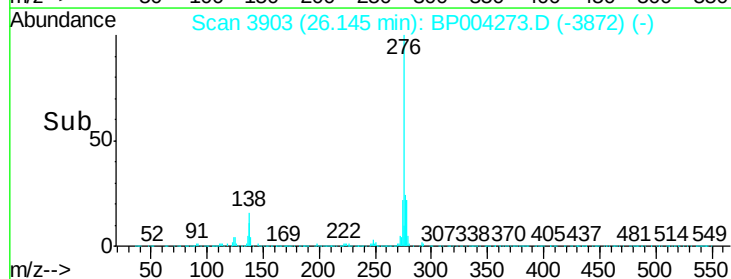
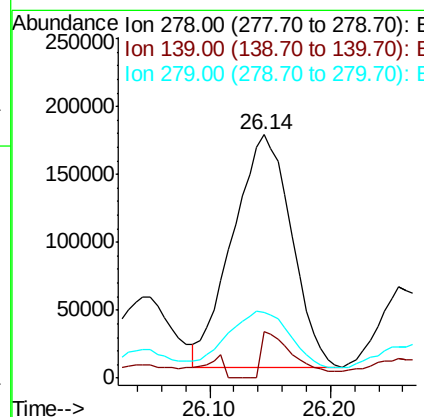
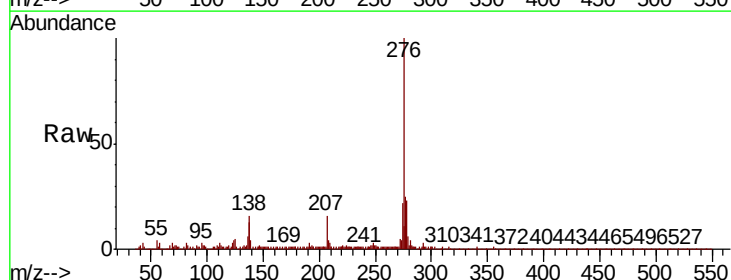
Manual Integrations
APPROVED

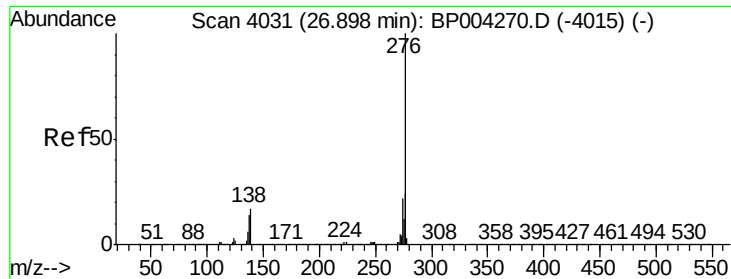
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#93
Dibenzo(a,h)anthracene
Concen: 4.298 ng/ul
RT: 26.14 min Scan# 3903
Delta R.T. -0.02 min
Lab File: BP004273.D
Acq: 14 Dec 2020 14:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	11.9	17.9#
279	26.8	18.6	28.0





#94

Benzo(a,h,i)perylene

Concen: 13.381 ng/ul

RT: 26.88 min Scan# 4028

Delta R.T. -0.02 min

Lab File: BP004273.D

Acq: 14 Dec 2020 14:37

Instrument :

BNA_P

ClientSampleId :

A54A1

Tot Ion:276 Resp: 1798753

Ion Ratio Lower Upper

276 100

138 18.1 16.6 25.0

277 24.6 18.5 27.7

Manual Integrations

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