

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004282.D
 Acq On : 14 Dec 2020 19:44
 Operator : CG/JU
 Sample : L5001-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54C5

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:51:55 AM

Quant Time: Dec 15 00:54:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 13:52:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	369451	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1589549	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	1009860	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	2161997	20.00	ng/ul	0.02
78) Chrysene-d12	21.35	240	2023056	20.00	ng/ul	0.02
86) Perylene-d12	23.71	264	2248011	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	21420	2.04	ng/uL	0.00
5) Phenol-d5	7.00	99	481779	15.76	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	255333	13.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	379034	16.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	387490	16.78	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	212282	16.31	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	233338	21.73	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	439818	18.63	ng/ul	0.02
29) 4-Chloroaniline-d4	10.77	131	545927	18.65	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	1406457	18.22	ng/ul	0.01
47) Acenaphthylene-d8	14.17	160	1807964	18.35	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	213100	16.35	ng/ul	0.02
58) Fluorene-d10	15.49	176	1252009	17.91	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.61	200	73439	7.08	ng/ul	0.03
71) Anthracene-d10	17.35	188	2072279	19.67	ng/ul	0.01
79) Pyrene-d10	19.59	212	2361980	22.41	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.56	264	2478122	20.93	ng/ul	0.04

Target Compounds

					Ovalue
6) Phenol	7.03	94	61005	1.912	ng/ul 98
45) Dimethylphthalate	13.94	163	183730	2.337	ng/ul 99
48) Acenaphthylene	14.21	152	118462	1.212	ng/ul 99
70) Phenanthrene	17.29	178	627211	4.917	ng/ul 100
77) Fluoranthene	19.26	202	2151078	15.794	ng/ul 97
80) Pyrene	19.62	202	2016929	14.780	ng/ul 97
83) Benzo(a)anthracene	21.33	228	936859m	7.025	ng/ul
85) Chrysene	21.38	228	851475	6.509	ng/ul 97
88) Benzo(b)fluoranthene	22.99	252	1447249	10.152	ng/ul 98
89) Benzo(k)fluoranthene	23.03	252	390872m	2.670	ng/ul
91) Benzo(a)pyrene	23.61	252	1081133	8.127	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.14	276	772765	4.632	ng/ul 95
93) Dibenzo(a,h)anthracene	26.14	278	166599	1.191	ng/ul# 79
94) Benzo(g,h,i)perylene	26.89	276	600238	4.288	ng/ul 94

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

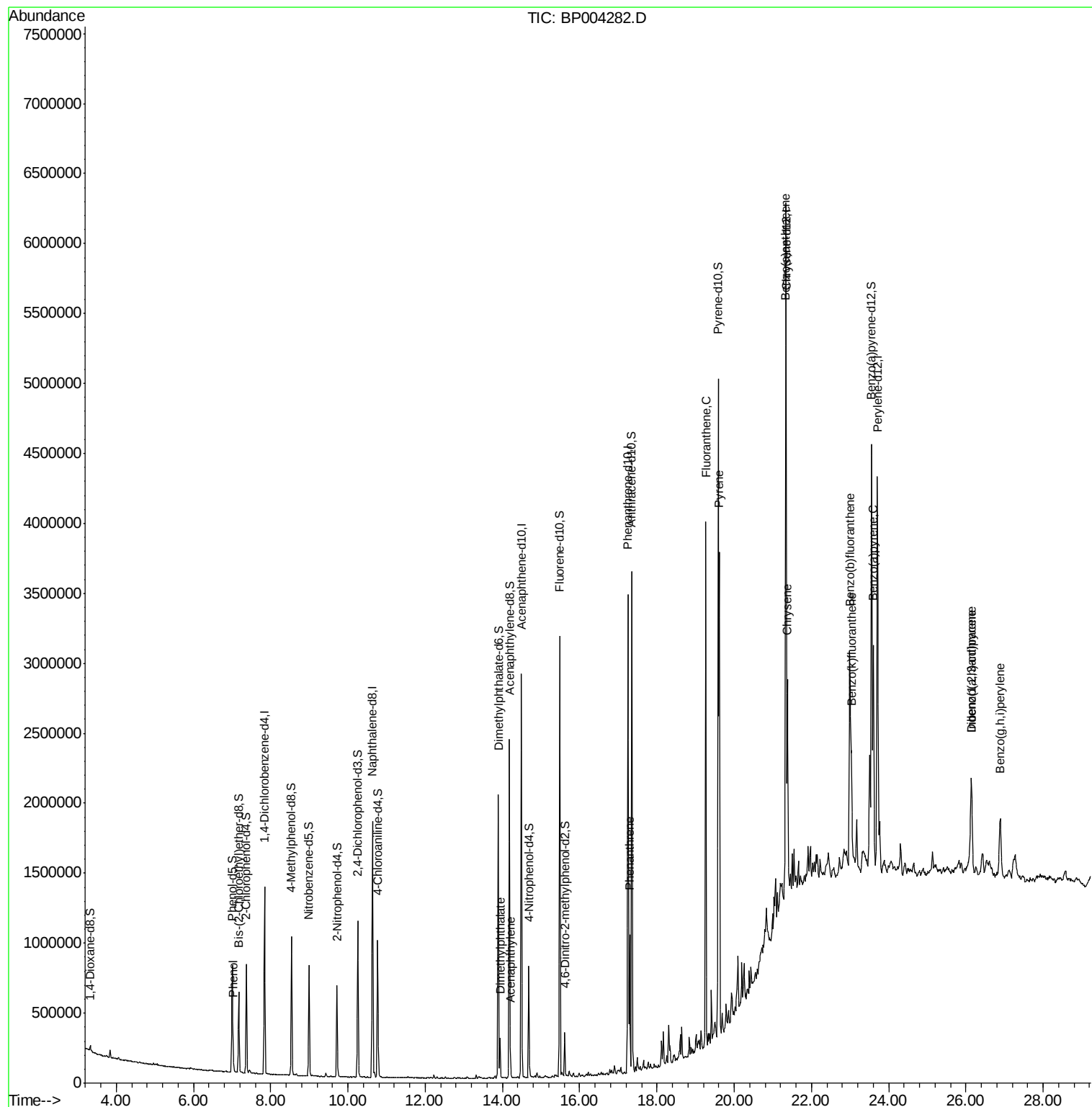
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004282.D
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Operator : CG/JU
Sample : L5001-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

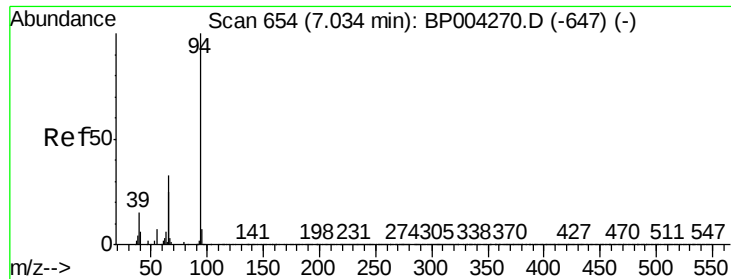
Instrument :
BNA_P
ClientSampleId :
A54C5

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Quant Time: Dec 15 00:54:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.912 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. 0.01 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

Instrument :

BNA_P

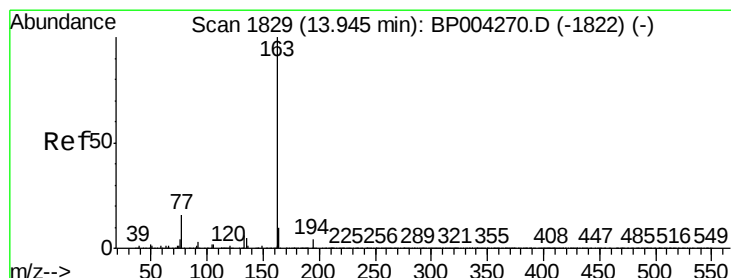
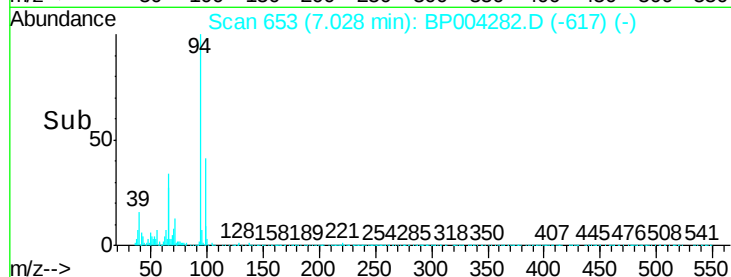
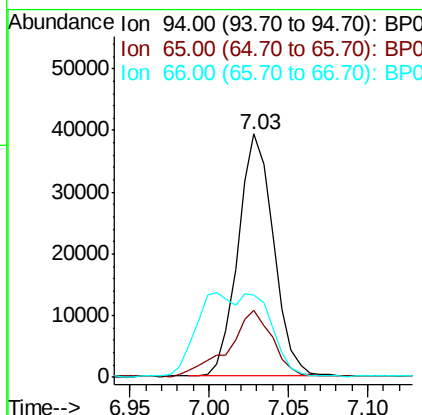
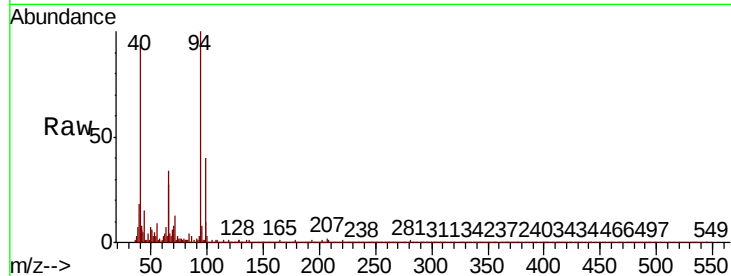
ClientSampled :

A54C5

Tot Ion:	94	Resp:	61005
Ion Ratio	Lower	Upper	
94	100		
65	27.4	20.8	31.2
66	34.0	26.5	39.7

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#45

Dimethylphthalate

Concen: 2.337 ng/ul

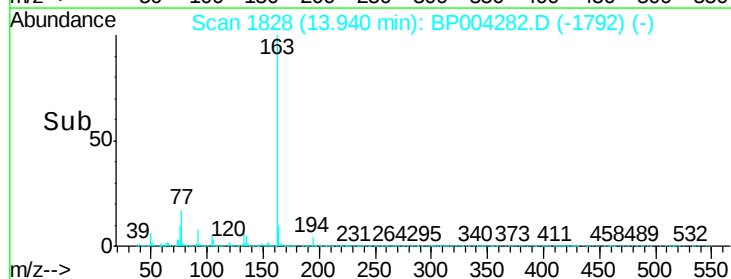
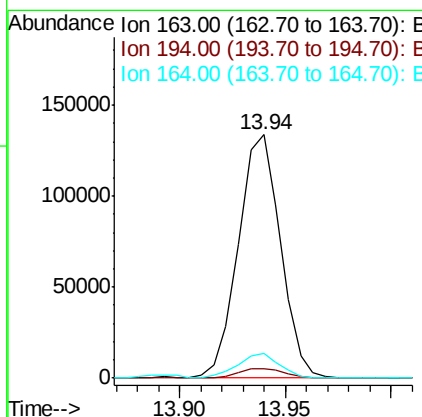
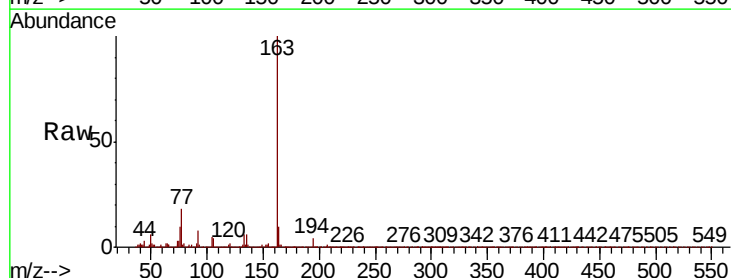
RT: 13.94 min Scan# 1828

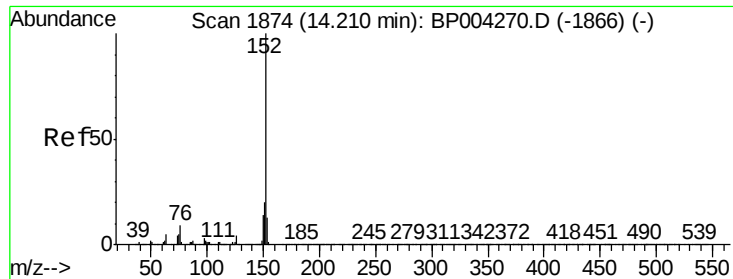
Delta R.T. 0.01 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

Tgt Ion:	163	Resp:	183730
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.2
164	10.3	8.4	12.6





#48

Acenaphthylene

Concen: 1.212 ng/ul

RT: 14.21 min Scan# 1874

Delta R.T. 0.02 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

Instrument :

BNA_P

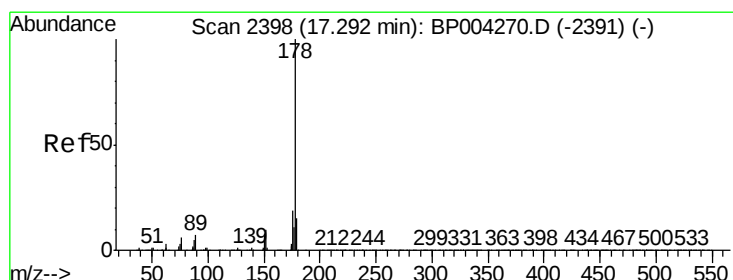
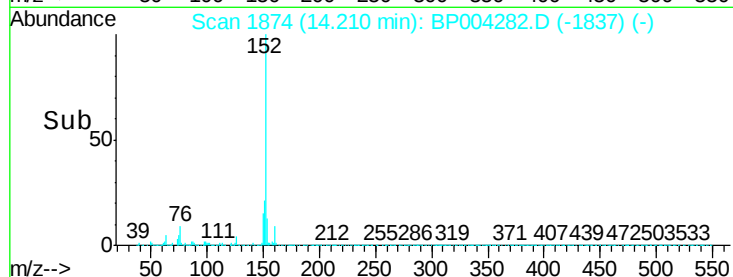
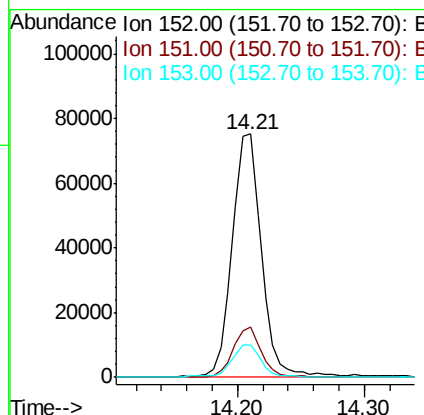
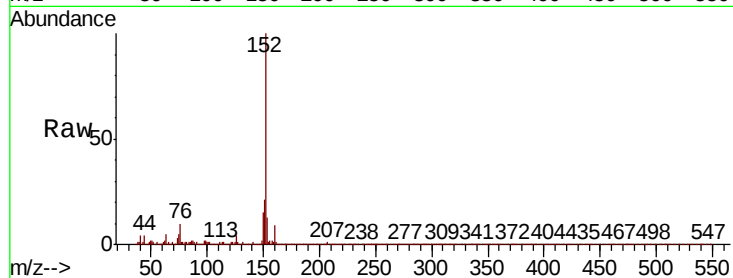
ClientSampleId :

A54C5

Tot Ion:	152	Resp:	118462
Ion Ratio	Lower	Upper	
152	100		
151	20.8	15.8	23.8
153	13.4	10.6	16.0

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#70

Phenanthrene

Concen: 4.917 ng/ul

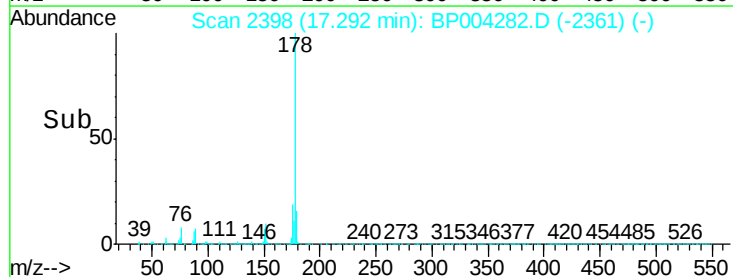
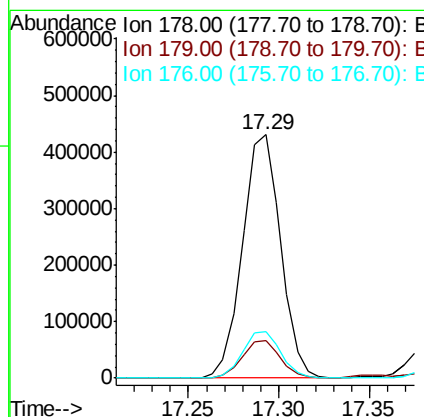
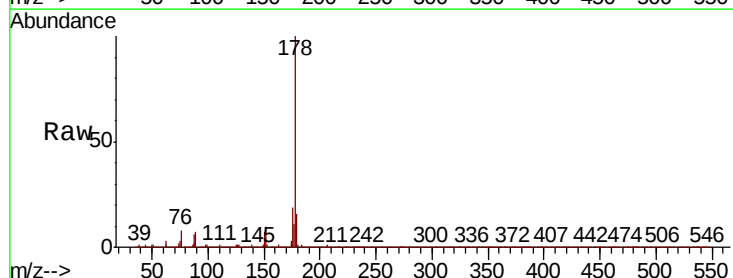
RT: 17.29 min Scan# 2398

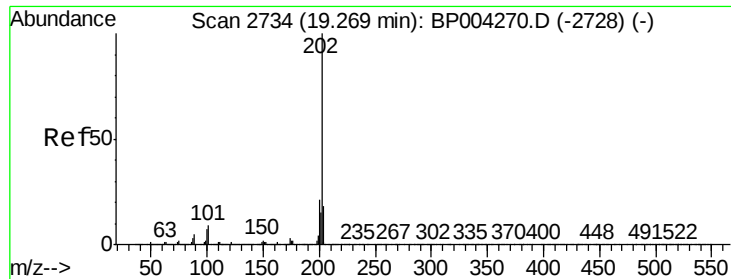
Delta R.T. 0.02 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

Tgt Ion:	178	Resp:	627211
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.4	18.6
176	19.3	15.4	23.0





#77

Fluoranthene

Concen: 15.794 ng/ul

RT: 19.26 min Scan# 2733

Delta R.T. 0.02 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

Instrument :

BNA_P

ClientSampleId :

A54C5

Tot Ion:202 Resp: 2151078

Ion Ratio Lower Upper

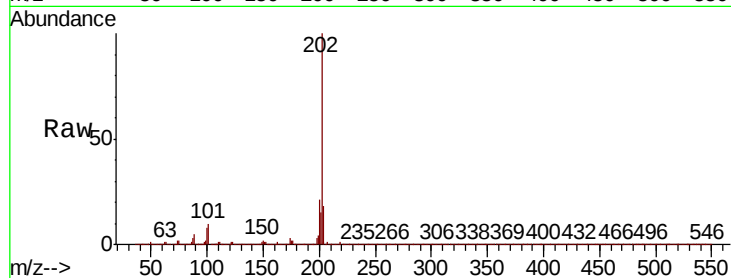
202 100

101 10.1 9.1 13.7

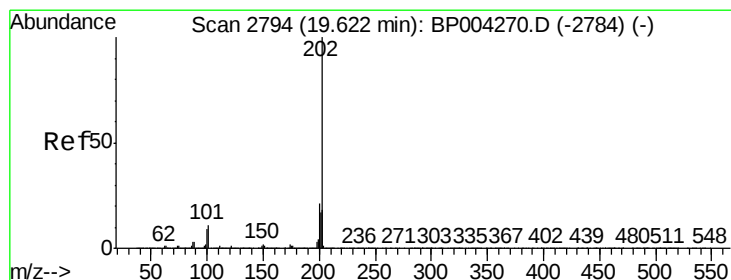
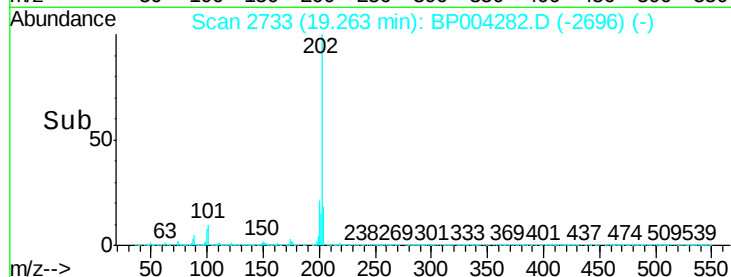
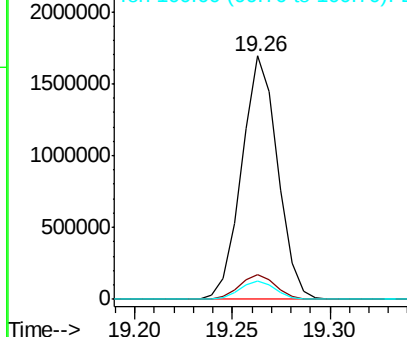
100 7.8 7.1 10.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 14.780 ng/ul

RT: 19.62 min Scan# 2793

Delta R.T. 0.02 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

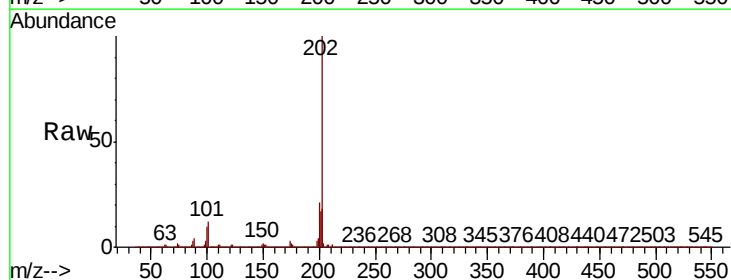
Tgt Ion:202 Resp: 2016929

Ion Ratio Lower Upper

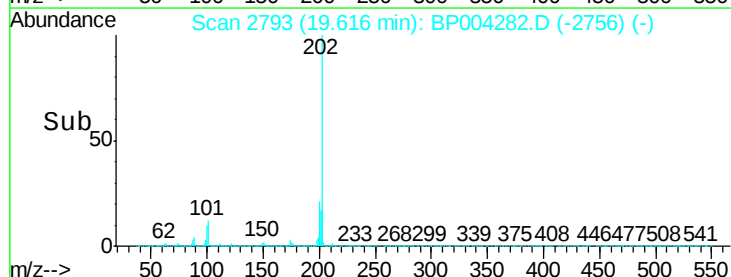
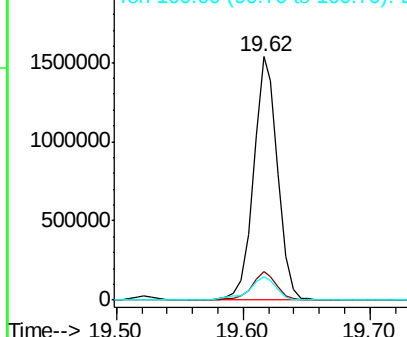
202 100

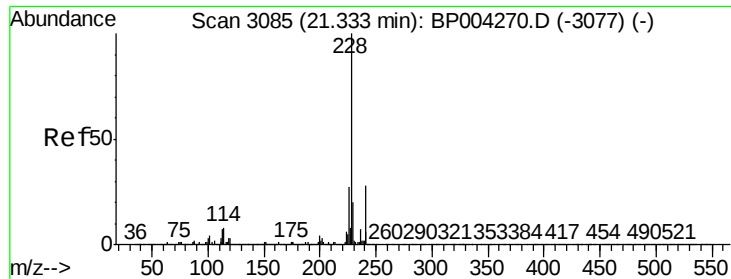
101 11.9 10.6 15.8

100 9.9 8.6 12.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





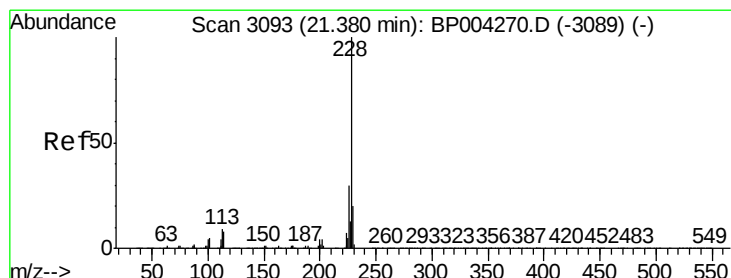
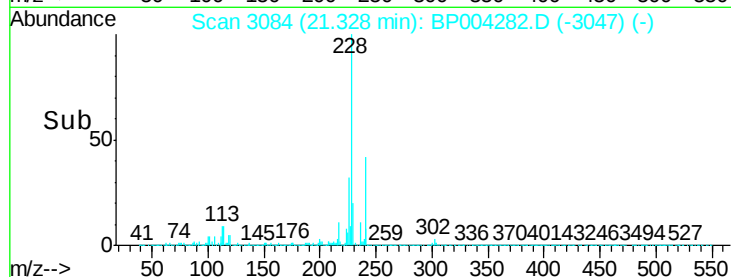
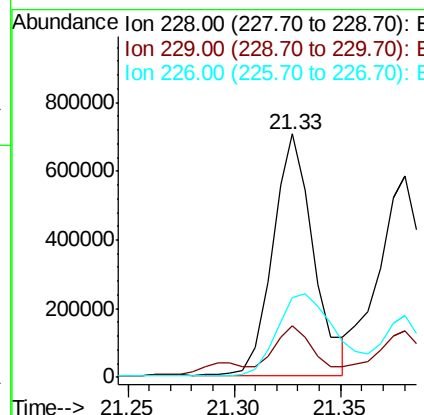
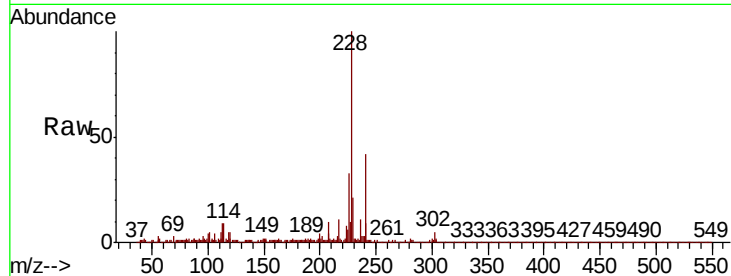
#83
Benzo(a)anthracene
Concen: 7.025 ng/ul m
RT: 21.33 min Scan# 3084
Delta R.T. 0.02 min
Lab File: BP004282.D
Acq: 14 Dec 2020 19:44

Instrument :
BNA_P
ClientSampleId :
A54C5

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.8
226	33.0	21.7	32.5

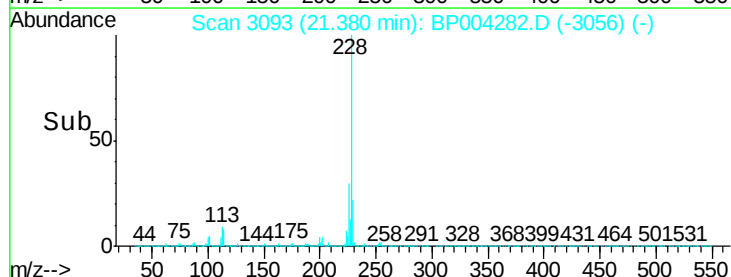
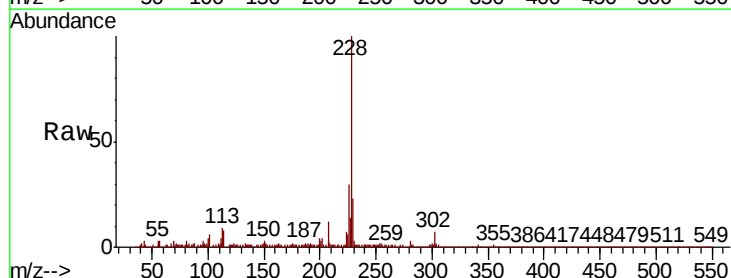
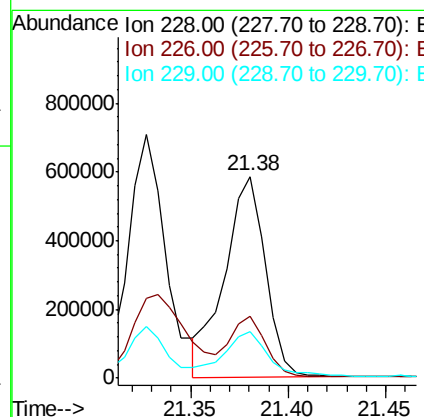
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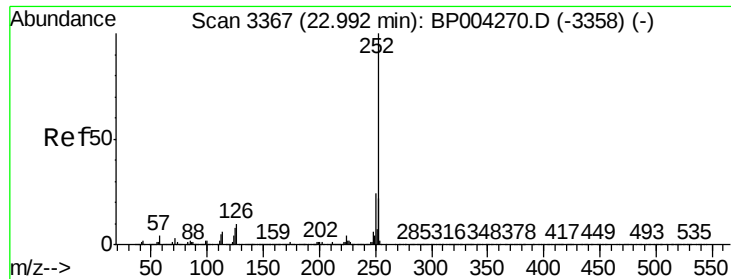
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#85
Chrysene
Concen: 6.509 ng/ul
RT: 21.38 min Scan# 3093
Delta R.T. 0.02 min
Lab File: BP004282.D
Acq: 14 Dec 2020 19:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	22.8	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 10.152 ng/ul

RT: 22.99 min Scan# 3367

Delta R.T. 0.03 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

Instrument :

BNA_P

ClientSampled :

A54C5

Tot Ion:252 Resp: 1447249

Ion Ratio Lower Upper

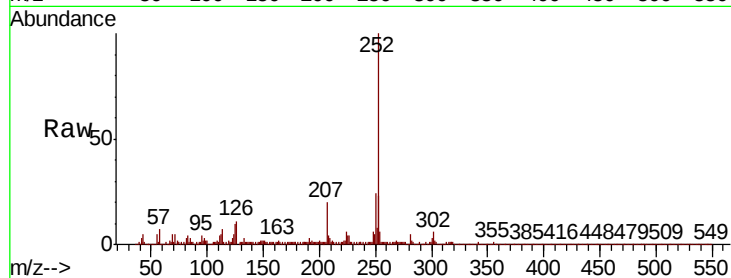
252 100

253 23.2 17.6 26.4

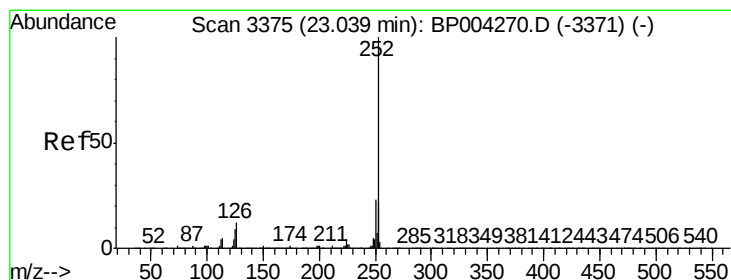
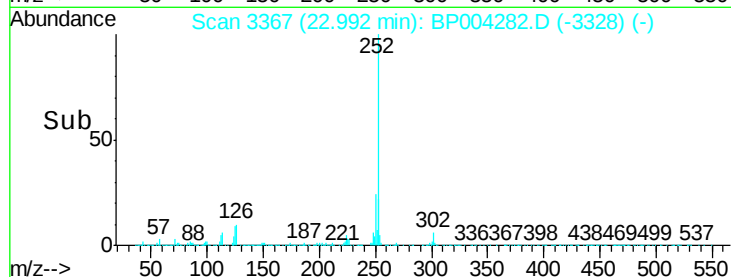
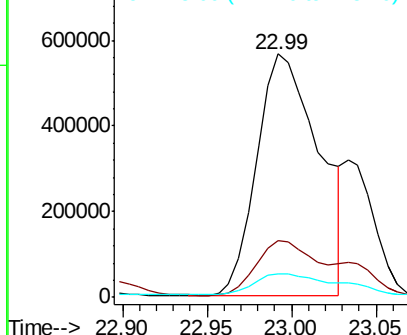
125 9.5 7.7 11.5

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 2.670 ng/ul m

RT: 23.03 min Scan# 3374

Delta R.T. 0.02 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

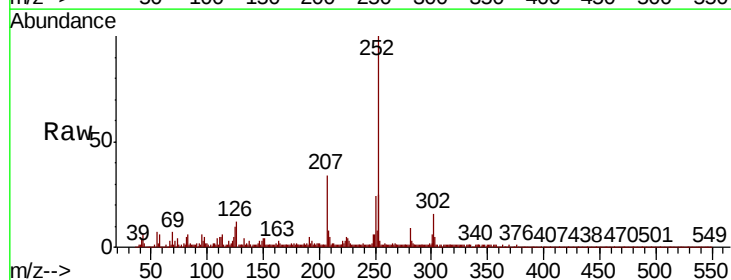
Tgt Ion:252 Resp: 390872

Ion Ratio Lower Upper

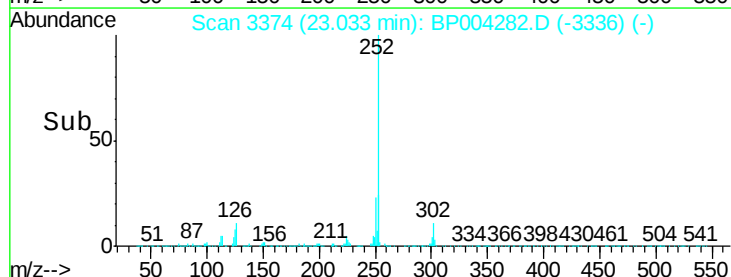
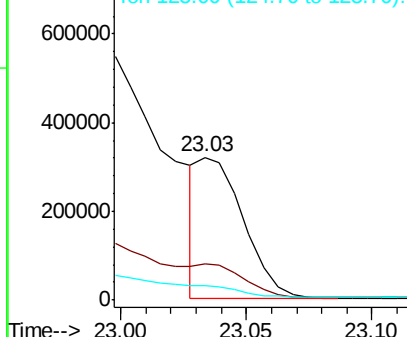
252 100

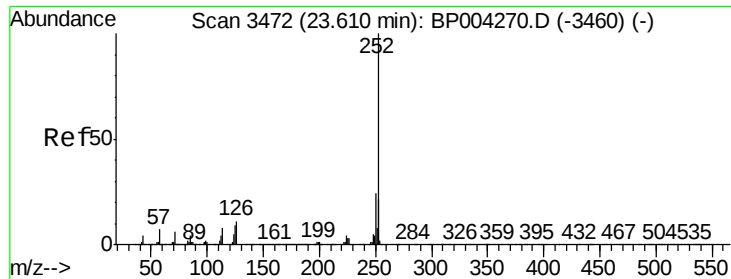
253 25.2 17.4 26.2

125 10.1 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





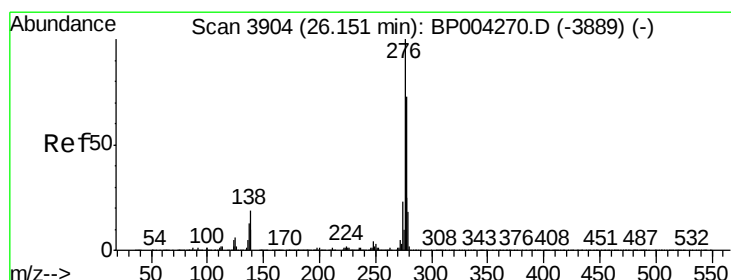
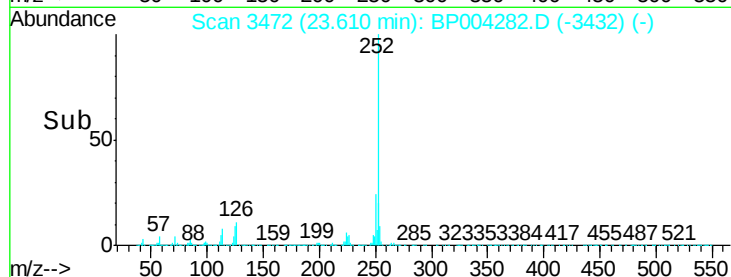
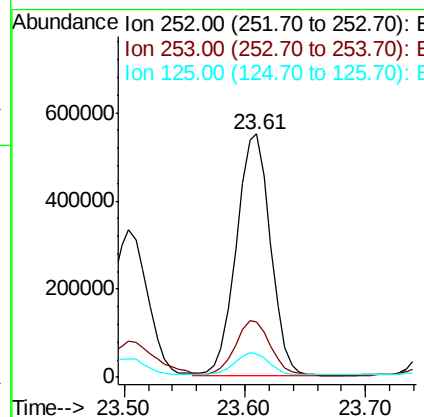
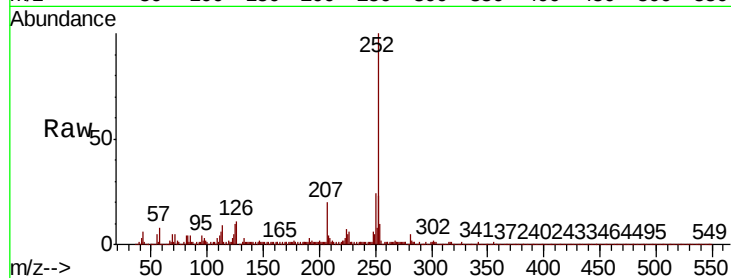
#91
Benzo(a)pyrene
Concen: 8.127 ng/ul
RT: 23.61 min Scan# 3472
Delta R.T. 0.04 min
Lab File: BP004282.D
Acq: 14 Dec 2020 19:44

Instrument :
BNA_P
ClientSampleId :
A54C5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	9.8	7.8	11.6

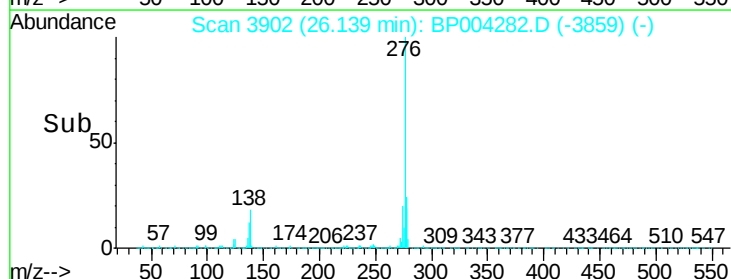
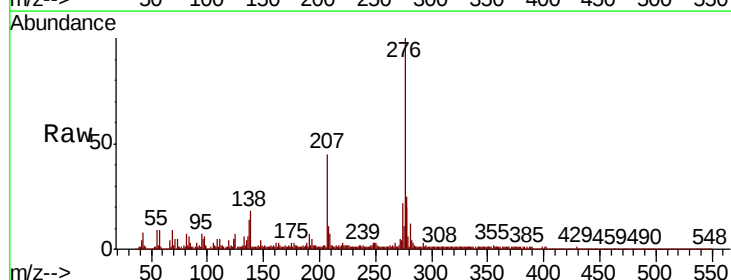
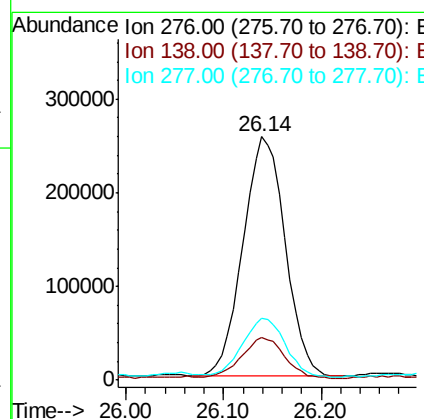
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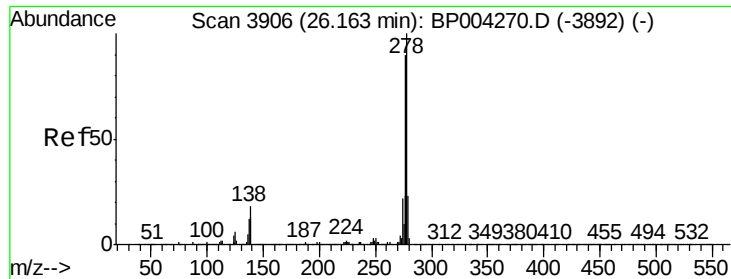
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#92
Indeno(1,2,3-cd)pyrene
Concen: 4.632 ng/ul
RT: 26.14 min Scan# 3902
Delta R.T. 0.05 min
Lab File: BP004282.D
Acq: 14 Dec 2020 19:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.8	26.6
277	25.4	19.8	29.6





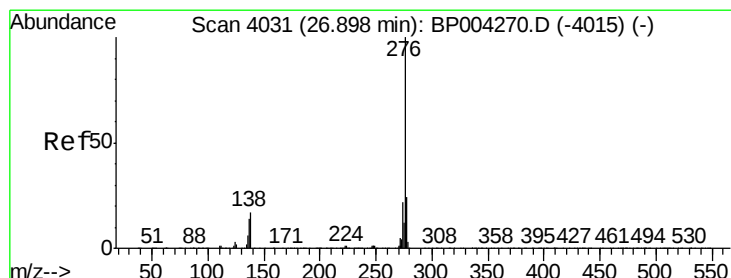
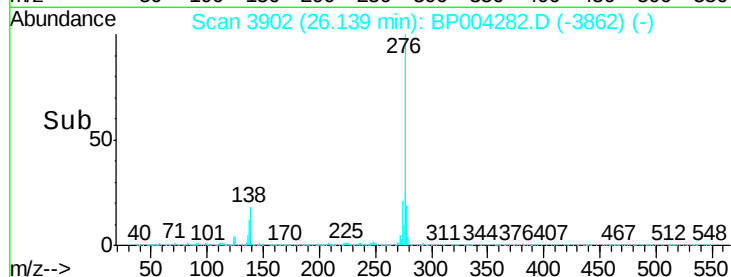
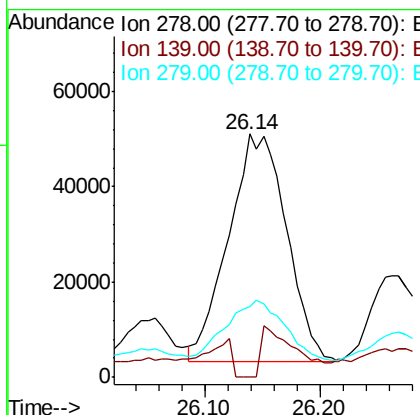
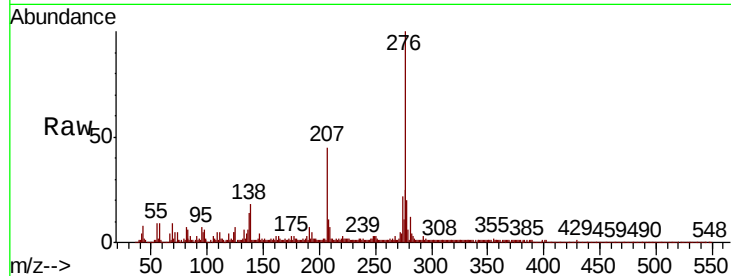
#93
Dibenzo(a,h)anthracene
Concen: 1.191 ng/ul
RT: 26.14 min Scan# 3902
Delta R.T. 0.04 min
Lab File: BP004282.D
Acq: 14 Dec 2020 19:44

Instrument :
BNA_P
ClientSampleId :
A54C5

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.9	17.9#
279	29.2	18.6	28.0#

Manual Integrations
APPROVED

mohammad
12/17/2020 9:51:55 AM



#94
Benzo(g,h,i)perylene
Concen: 4.288 ng/ul
RT: 26.89 min Scan# 4030
Delta R.T. 0.06 min
Lab File: BP004282.D
Acq: 14 Dec 2020 19:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	16.6	25.0
277	26.2	18.5	27.7

