

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004294.D
 Acq On : 15 Dec 2020 03:06
 Operator : CG/JU
 Sample : L5001-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54D8

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:52:27 AM

Quant Time: Dec 15 03:45:12 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	379718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1635612	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	1022688	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	2180590	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	2085384	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	2242860	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	18851	1.74	ng/uL	0.00
5) Phenol-d5	7.00	99	436867	13.91	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	247269	12.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	353228	14.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	326161	13.74	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	186042	13.89	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	194649	17.62	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	371047	15.27	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	475463	15.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1120447	14.33	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1446770	14.50	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	156727	11.87	ng/ul	0.02
58) Fluorene-d10	15.48	176	970943	13.72	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	50105	4.79	ng/ul	0.02
71) Anthracene-d10	17.35	188	1538857	14.48	ng/ul	0.01
79) Pyrene-d10	19.59	212	1808533	16.65	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.55	264	1881207	15.92	ng/ul	0.03

Target Compounds

					Ovalue
6) Phenol	7.03	94	56070	1.710	ng/ul 93
45) Dimethylphthalate	13.93	163	197344	2.479	ng/ul 99
70) Phenanthrene	17.29	178	889700	6.916	ng/ul 100
77) Fluoranthene	19.26	202	1015012	7.389	ng/ul 97
80) Pyrene	19.61	202	976078	6.939	ng/ul 100
83) Benzo(a)anthracene	21.32	228	402351	2.927	ng/ul 96
85) Chrysene	21.37	228	433216	3.213	ng/ul 97
88) Benzo(b)fluoranthene	22.99	252	517447	3.638	ng/ul 98
89) Benzo(k)fluoranthene	23.02	252	155652m	1.066	ng/ul
91) Benzo(a)pyrene	23.59	252	377034	2.841	ng/ul 95
92) Indeno(1,2,3-cd)pyrene	26.12	276	255489	1.535	ng/ul 96
94) Benzo(g,h,i)perylene	26.87	276	198610	1.422	ng/ul 94

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

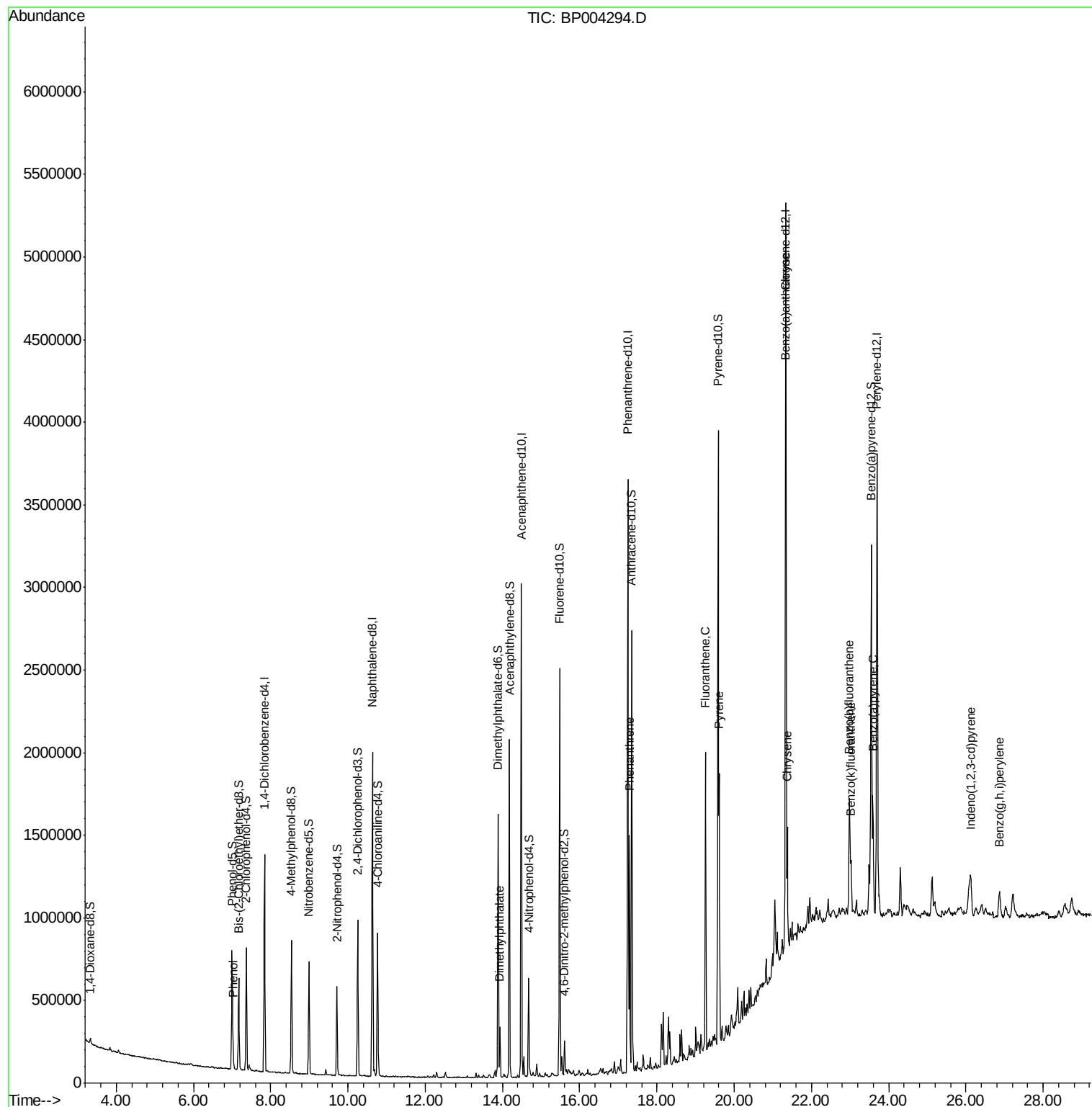
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004294.D
Acq On : 15 Dec 2020 03:06
Operator : CG/JU
Sample : L5001-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

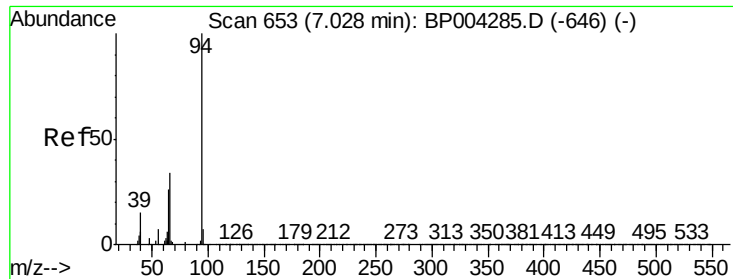
Instrument :
BNA_P
ClientSampled :
A54D8

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Quant Time: Dec 15 03:45:12 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





#6

Phenol

Concen: 1.710 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. 0.01 min

Lab File: BP004294.D

Acq: 15 Dec 2020 03:06

Instrument :

BNA_P

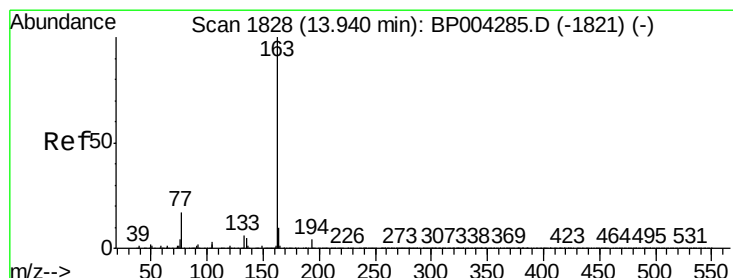
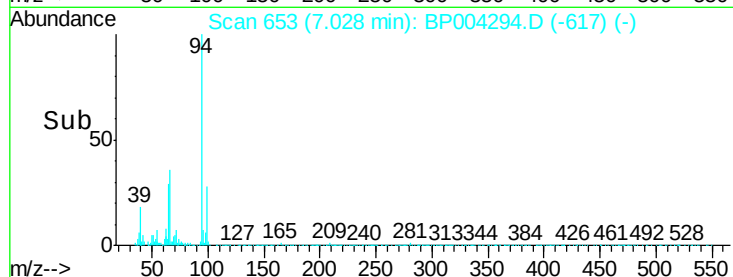
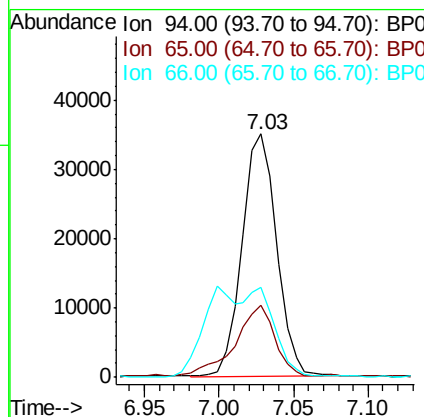
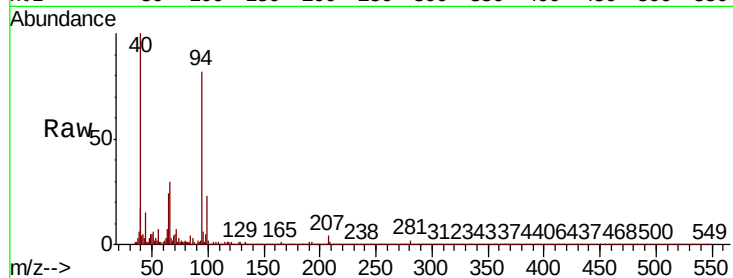
ClientSampleId :

A54D8

Tot Ion:	94	Resp:	56070
Ion Ratio	Lower	Upper	
94	100		
65	29.7	20.8	31.2
66	36.8	26.5	39.7

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#45

Dimethylphthalate

Concen: 2.479 ng/ul

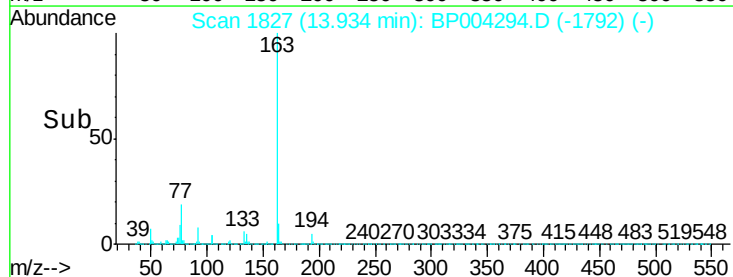
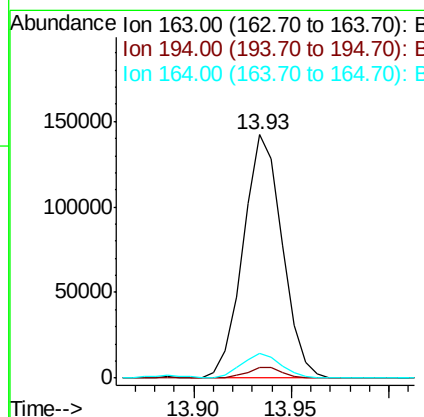
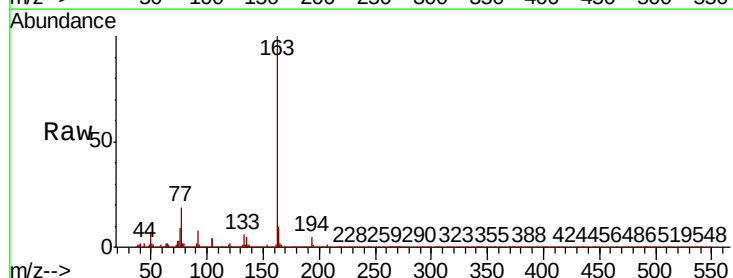
RT: 13.93 min Scan# 1827

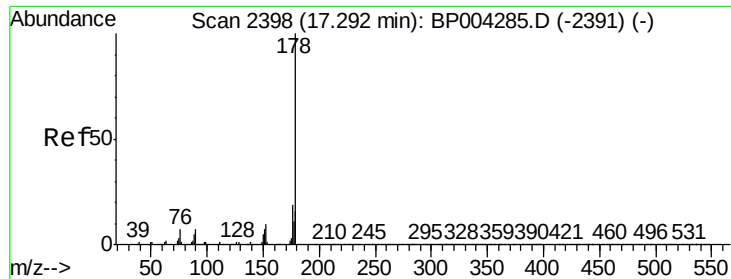
Delta R.T. 0.01 min

Lab File: BP004294.D

Acq: 15 Dec 2020 03:06

Tgt Ion:	163	Resp:	197344
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	10.3	8.4	12.6





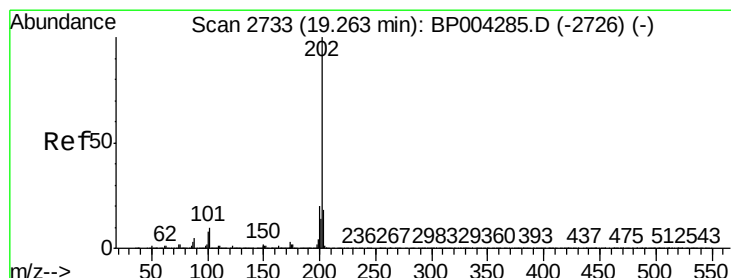
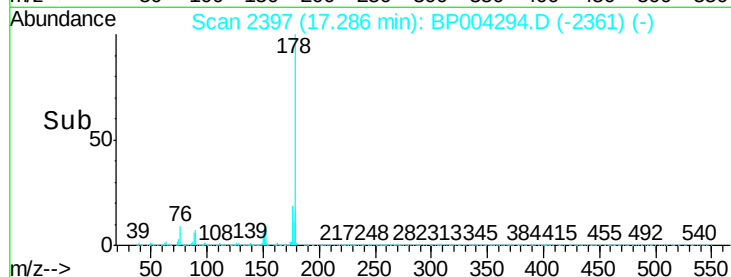
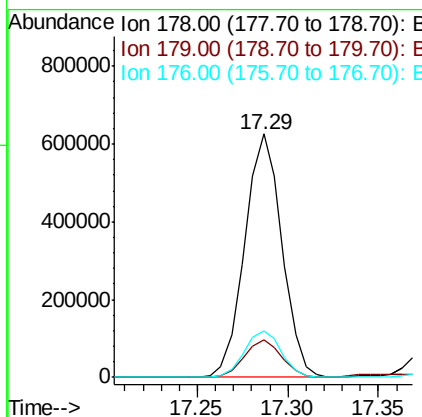
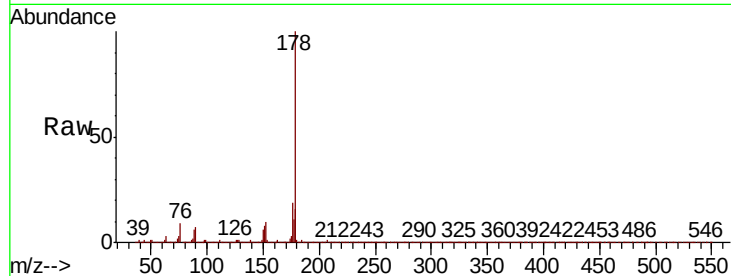
#70
Phenanthrene
Concen: 6.916 ng/ul
RT: 17.29 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BP004294.D
Acq: 15 Dec 2020 03:06

Instrument :
BNA_P
ClientSampleId :
A54D8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.1	15.4	23.0

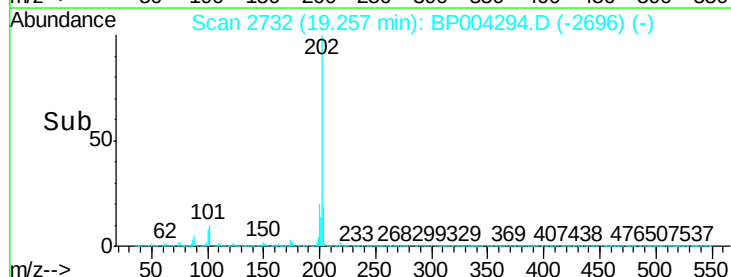
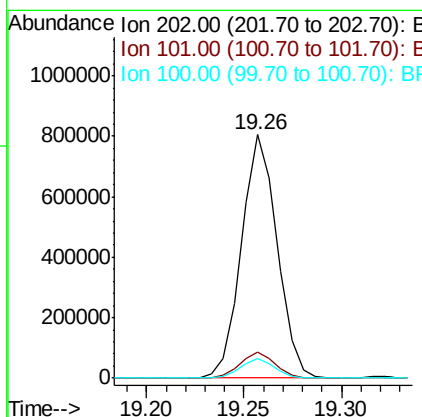
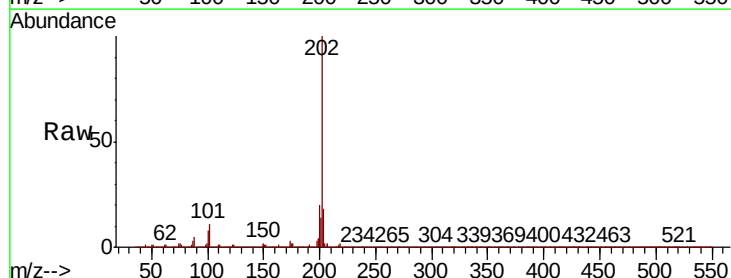
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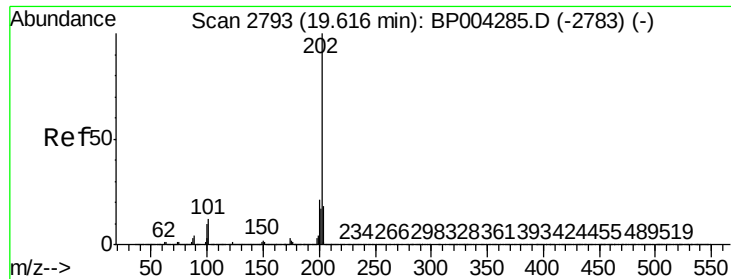
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#77
Fluoranthene
Concen: 7.389 ng/ul
RT: 19.26 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BP004294.D
Acq: 15 Dec 2020 03:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.1	13.7
100	7.8	7.1	10.7





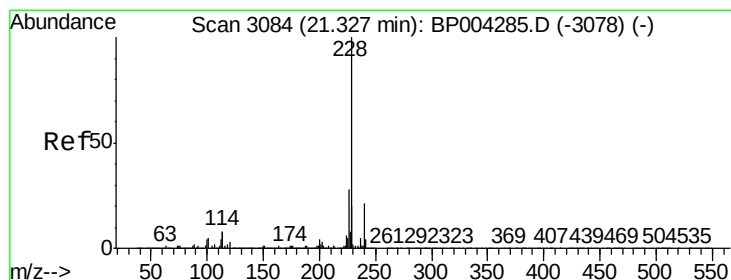
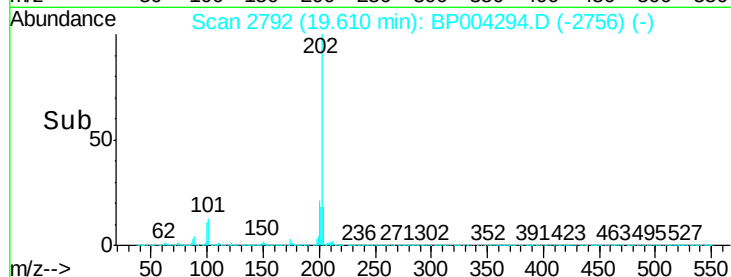
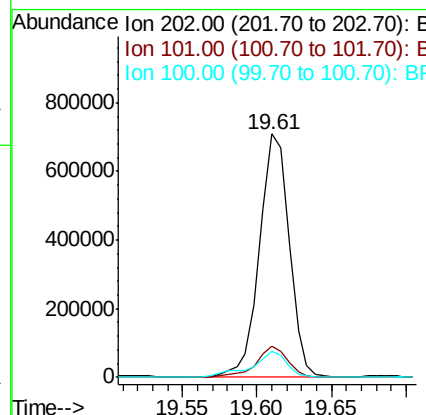
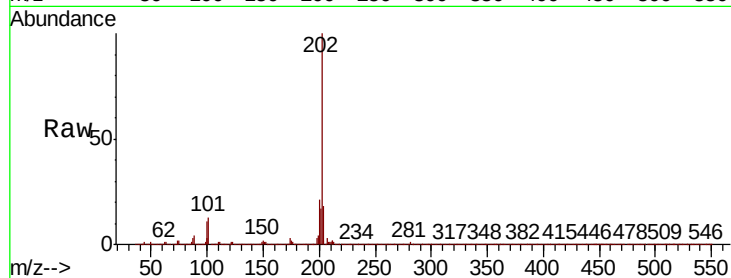
#80
 Pvrene
 Concen: 6.939 ng/ul
 RT: 19.61 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BP004294.D
 Acq: 15 Dec 2020 03:06

Instrument :
 BNA_P
 ClientSampleId :
 A54D8

Tot Ion:	202	Resp:	976078
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.6	15.8
100	10.5	8.6	12.8

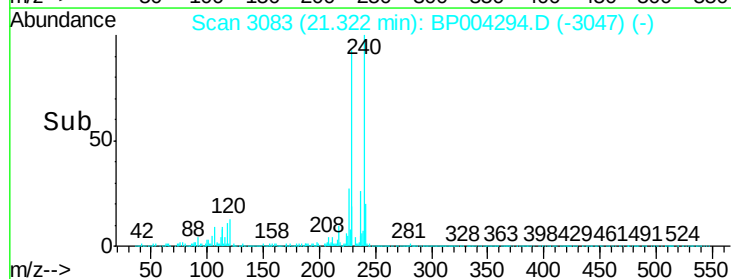
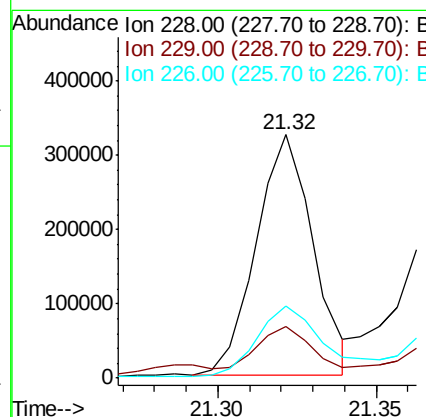
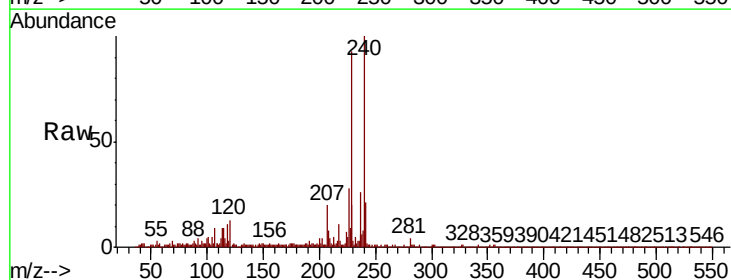
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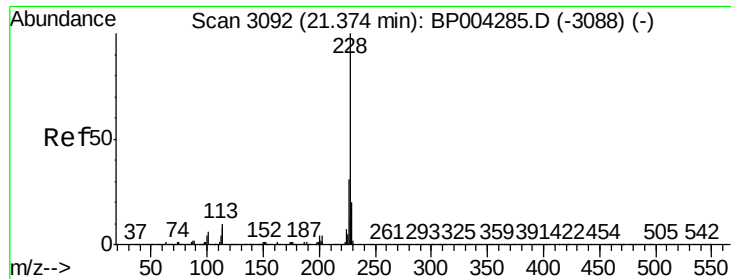
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#83
 Benzo(a)anthracene
 Concen: 2.927 ng/ul
 RT: 21.32 min Scan# 3083
 Delta R.T. 0.01 min
 Lab File: BP004294.D
 Acq: 15 Dec 2020 03:06

Tgt Ion:	228	Resp:	402351
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.8	23.8
226	29.6	21.7	32.5





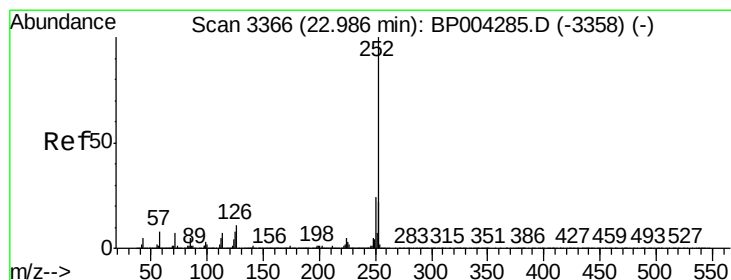
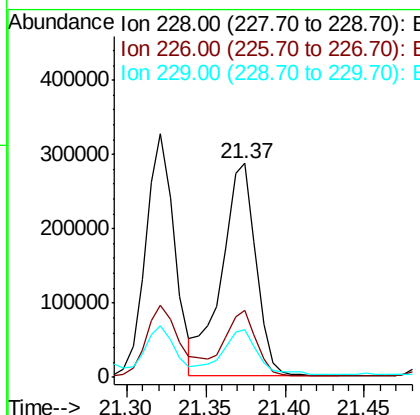
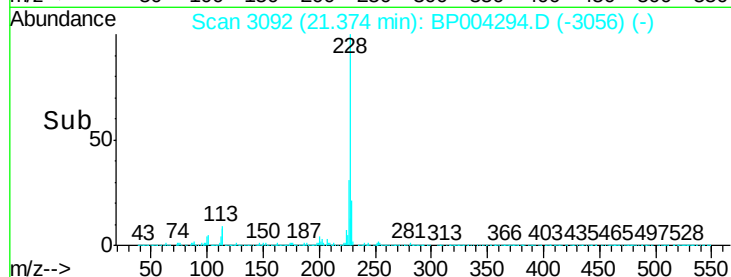
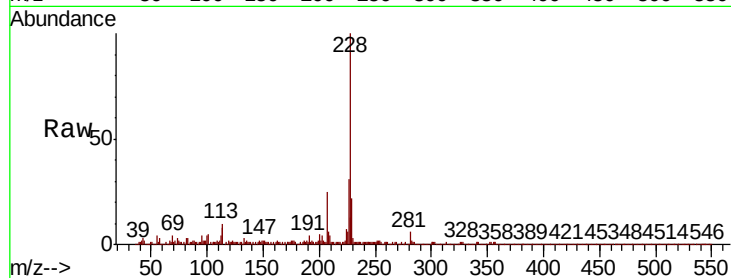
#85
Chrysene
Concen: 3.213 ng/ul
RT: 21.37 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BP004294.D
Acq: 15 Dec 2020 03:06

Instrument :
BNA_P
ClientSampleId :
A54D8

Tot Ion:	228	Resp:	433216
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.2	36.2
229	22.4	15.8	23.8

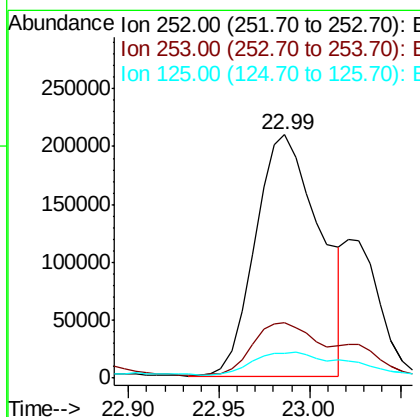
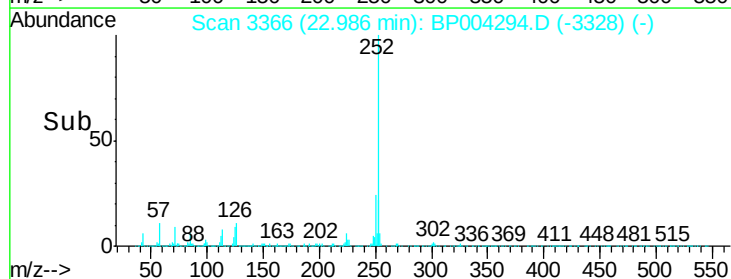
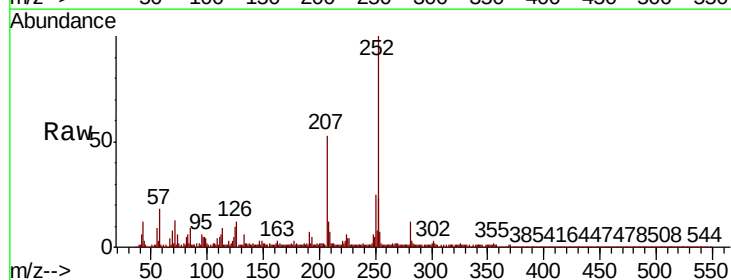
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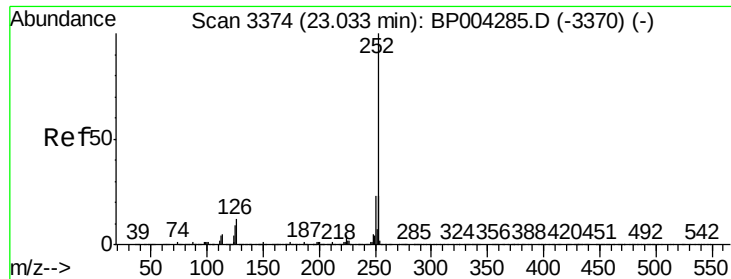
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#88
Benzo(b)fluoranthene
Concen: 3.638 ng/ul
RT: 22.99 min Scan# 3366
Delta R.T. 0.02 min
Lab File: BP004294.D
Acq: 15 Dec 2020 03:06

Tgt Ion:	252	Resp:	517447
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.6	26.4
125	10.0	7.7	11.5





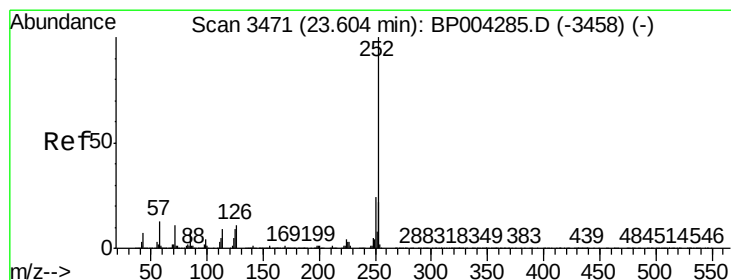
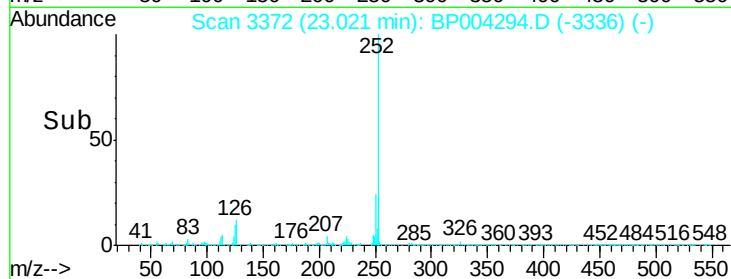
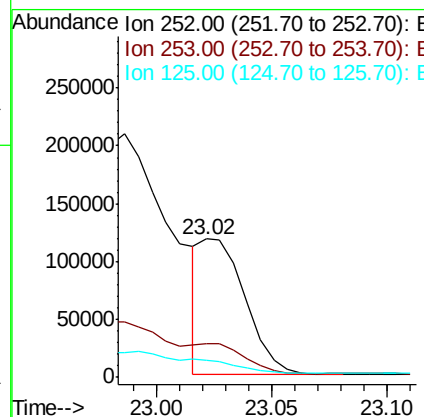
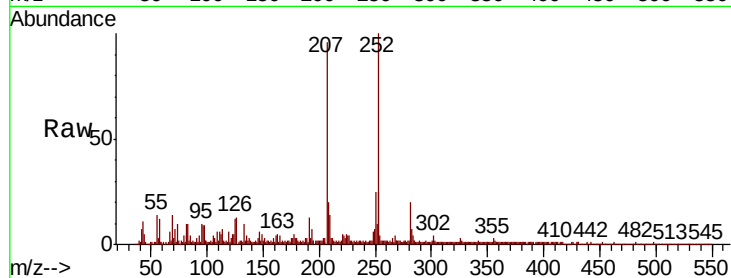
#89
Benzo(k)fluoranthene
Concen: 1.066 ng/ul m
RT: 23.02 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BP004294.D
Acq: 15 Dec 2020 03:06

Instrument :
BNA_P
ClientSampled :
A54D8

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.2
125	12.4	7.3	10.9

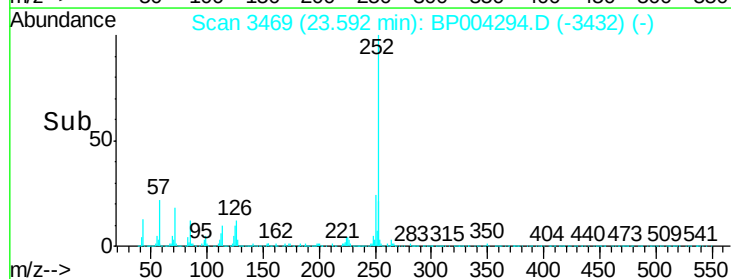
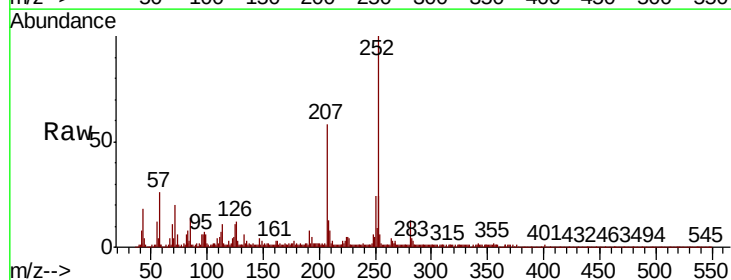
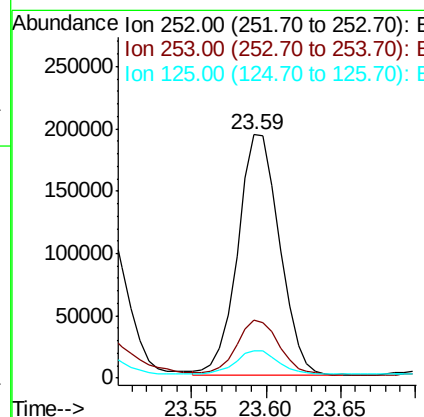
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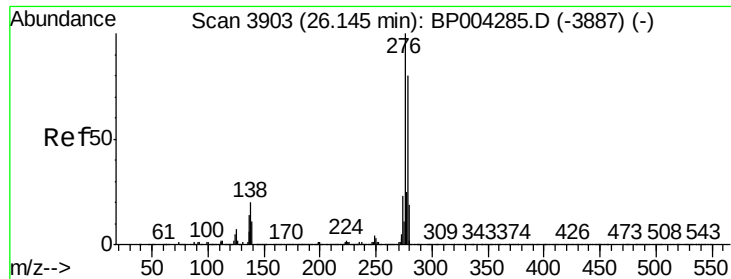
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#91
Benzo(a)pyrene
Concen: 2.841 ng/ul
RT: 23.59 min Scan# 3469
Delta R.T. 0.02 min
Lab File: BP004294.D
Acq: 15 Dec 2020 03:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	11.0	7.8	11.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.535 ng/ul

RT: 26.12 min Scan# 3899

Delta R.T. 0.04 min

Lab File: BP004294.D

Acq: 15 Dec 2020 03:06

Instrument :

BNA_P

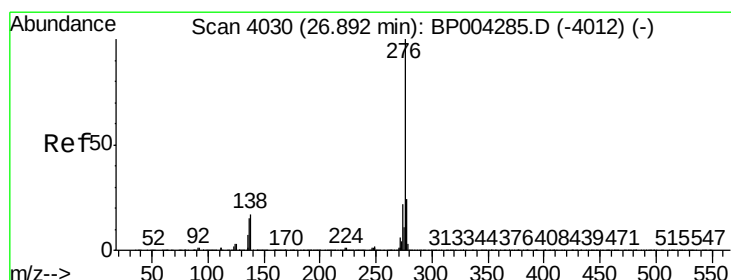
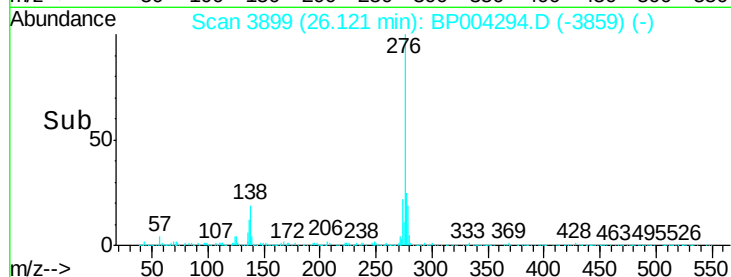
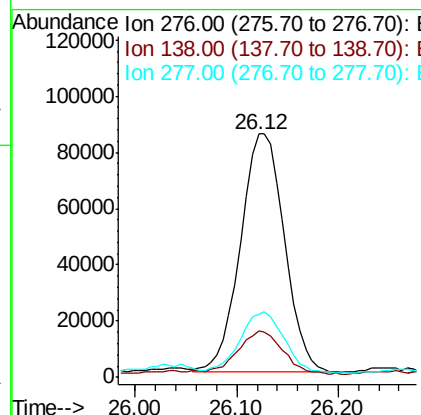
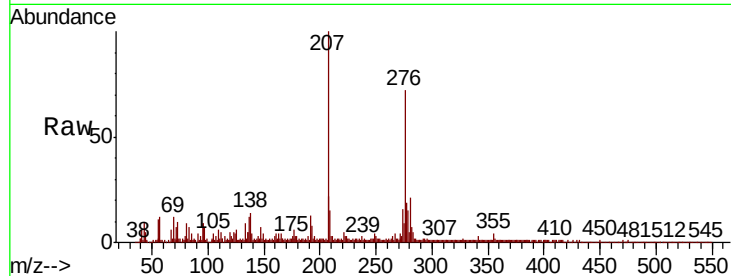
ClientSampled :

A54D8

Tot Ion:	276	Resp:	255489
Ion Ratio	Lower	Upper	
276	100		
138	19.3	17.8	26.6
277	25.9	19.8	29.6

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#94

Benzo(g,h,i)perylene

Concen: 1.422 ng/ul

RT: 26.87 min Scan# 4026

Delta R.T. 0.04 min

Lab File: BP004294.D

Acq: 15 Dec 2020 03:06

Tgt Ion:	276	Resp:	198610
Ion Ratio	Lower	Upper	
276	100		
138	17.9	16.6	25.0
277	26.0	18.5	27.7

