

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004299.D
 Acq On : 15 Dec 2020 12:13
 Operator : CG/JU
 Sample : L5001-02MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A8MS

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:52:35 AM

Quant Time: Dec 15 12:46:19 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	7.83	152	303407	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1305850	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	798665	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1694416	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1652929	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1814731	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	19989	2.31	ng/uL	0.00
5) Phenol-d5	7.00	99	450828	17.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	252444	16.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	363314	19.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	363750	19.18	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	188292	17.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	200944	22.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	377539	19.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	481696	20.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1124296	18.42	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1479558	18.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	141004	13.68	ng/ul	0.00
58) Fluorene-d10	15.48	176	989768	17.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	65179	8.02	ng/ul	0.00
71) Anthracene-d10	17.35	188	1567752	18.98	ng/ul	0.00
79) Pyrene-d10	19.59	212	1791738	20.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	1899001	19.86	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.02	94	540855	20.638	ng/ul 99
10) 2-Chlorophenol	7.40	128	361060	18.080	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.64	70	275788	18.985	ng/ul 96
33) 4-Chloro-3-methylphenol	11.92	107	387960	20.966	ng/ul 99
45) Dimethylphthalate	13.93	163	195994	3.152	ng/ul 99
50) Acenaphthene	14.55	153	985740	18.007	ng/ul 99
53) 4-Nitrophenol	14.69	109	121780	16.005	ng/ul 97
55) 2,4-Dinitrotoluene	14.85	165	318238	19.369	ng/ul 97
59) Fluorene	15.53	166	92526	1.500	ng/ul 97
69) Pentachlorophenol	16.89	266	203099	18.690	ng/ul 98
70) Phenanthrene	17.29	178	2071178	20.719	ng/ul 100
72) Anthracene	17.38	178	485867	4.913	ng/ul 99
75) Carbazole	17.65	167	130808	1.625	ng/ul 99
77) Fluoranthene	19.26	202	3362826	31.505	ng/ul 96
80) Pyrene	19.62	202	5092047	45.669	ng/ul 97
83) Benzo(a)anthracene	21.32	228	1816788	16.675	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.25	149	189337	3.799	ng/ul 99
85) Chrysene	21.37	228	1669397	15.618	ng/ul 98
88) Benzo(b)fluoranthene	22.99	252	2237440	19.442	ng/ul 98
89) Benzo(k)fluoranthene	23.03	252	622909m	5.270	ng/ul
91) Benzo(a)pyrene	23.60	252	1620461	15.089	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	26.13	276	1082141	8.035	ng/ul 96
93) Dibenzo(a,h)anthracene	26.13	278	283242	2.509	ng/ul# 82

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Instrument :
BNA_P
ClientSampleId :
A54A8MS

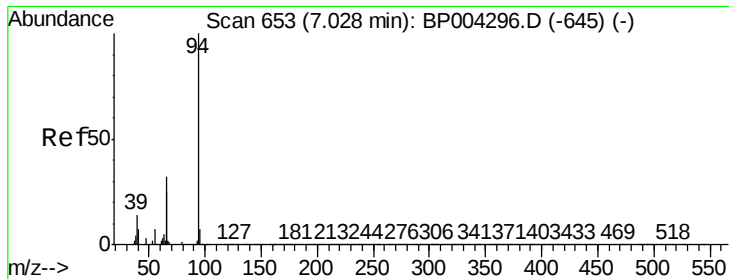
Manual Integrations
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12/17/2020 9:52:35 AM

Quant Time: Dec 15 12:46:19 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)
94) Benzo(q,h,i)perylene	26.87	276	775460	6.863	ng/ul	97

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



#6

Phenol

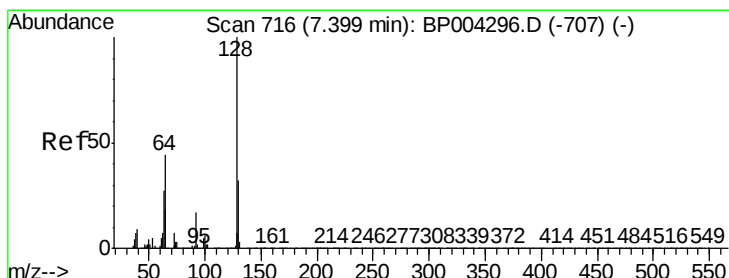
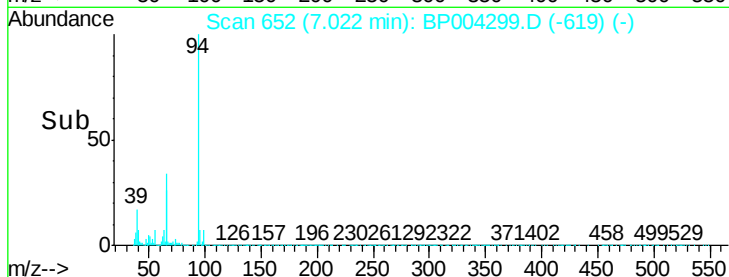
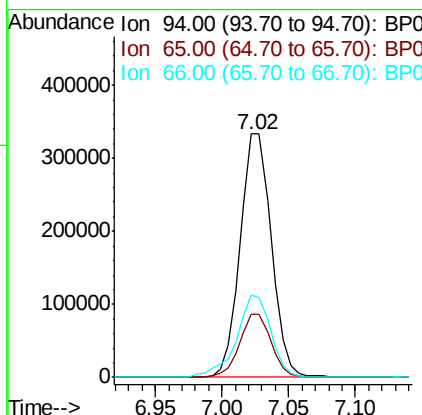
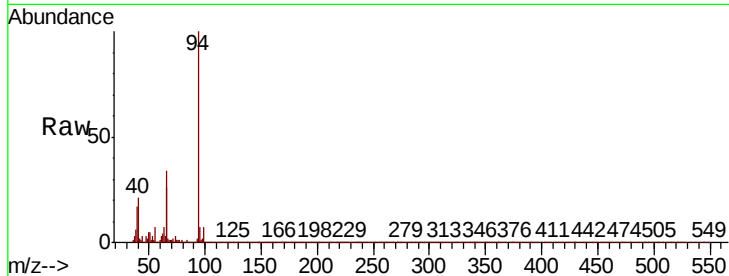
Concen: 20.638 ng/ul
 RT: 7.02 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BP004299.D
 Acq: 15 Dec 2020 12:13

Instrument :
 BNA_P
 ClientSampleId :
 A54A8MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	25.9	20.8	31.2		
66	33.7	26.5	39.7		

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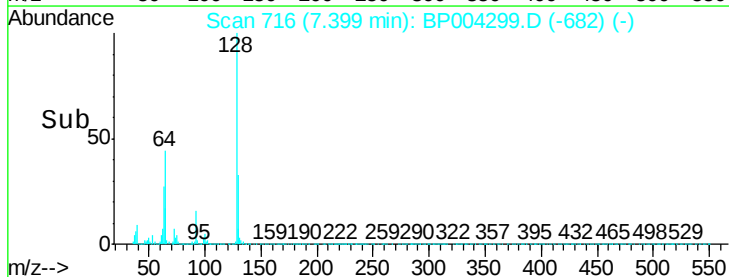
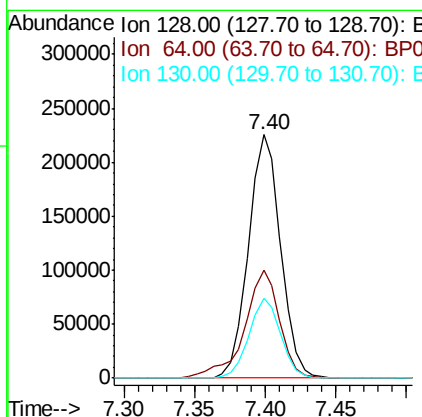
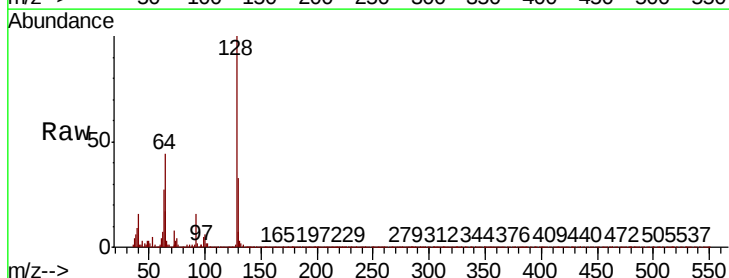


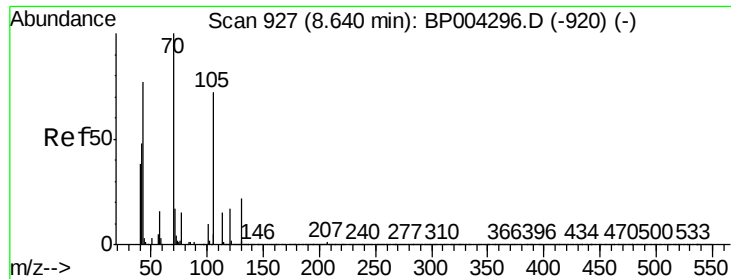
#10

2-Chlorophenol

Concen: 18.080 ng/ul
 RT: 7.40 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BP004299.D
 Acq: 15 Dec 2020 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
64	44.4	36.9	55.3		
130	32.6	25.9	38.9		





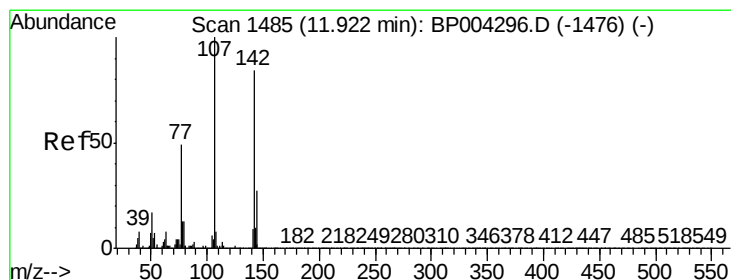
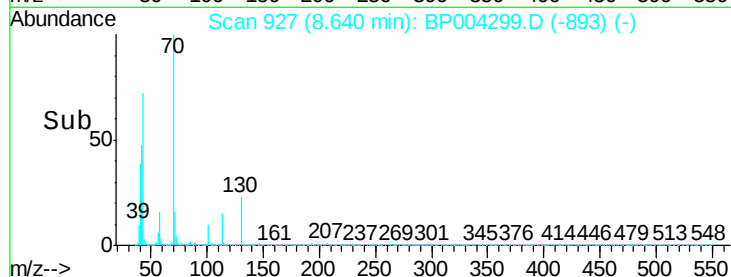
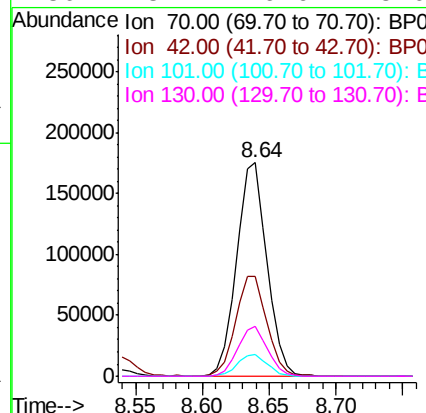
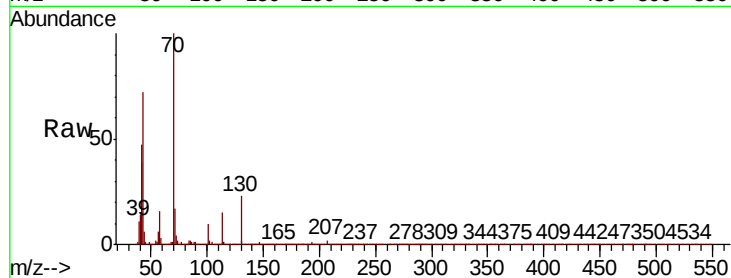
#15
N-Nitroso-di-n-propylamine
Concen: 18.985 ng/ul
RT: 8.64 min Scan# 927
Delta R.T. -0.00 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
A54A8MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		275788		
42	46.9	39.0	58.6		
101	10.4	7.6	11.4		
130	23.4	16.6	25.0		

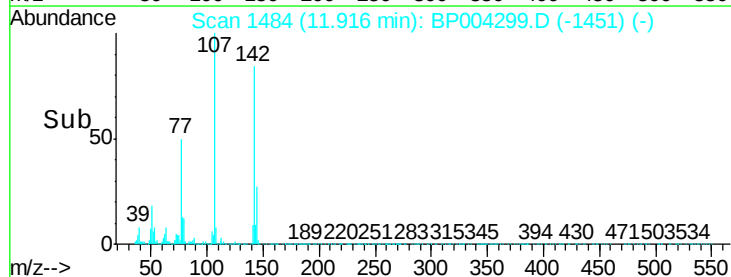
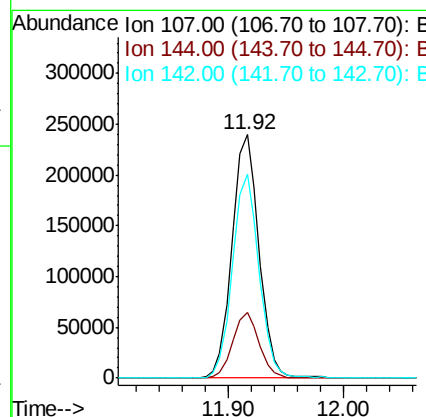
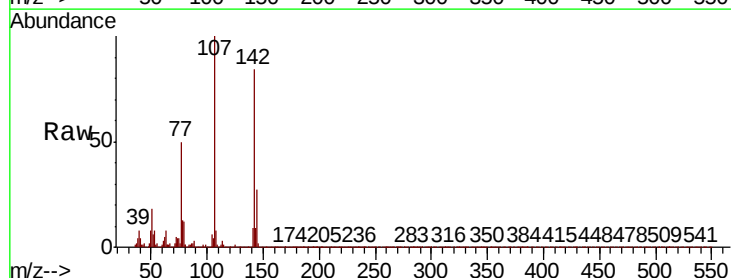
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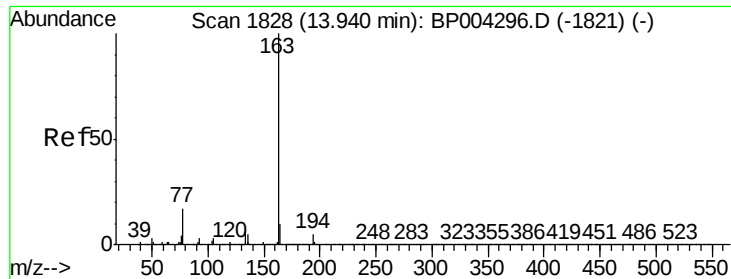
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#33
4-Chloro-3-methylphenol
Concen: 20.966 ng/ul
RT: 11.92 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		387960		
144	27.1	22.0	33.0		
142	83.6	66.2	99.2		





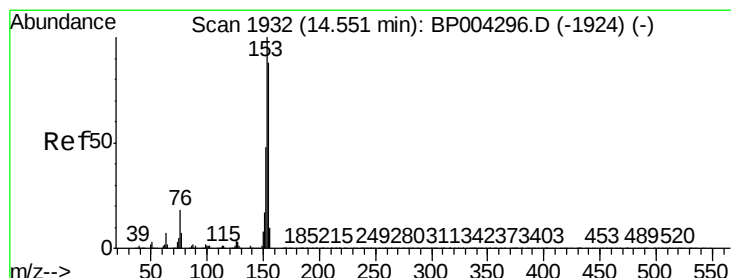
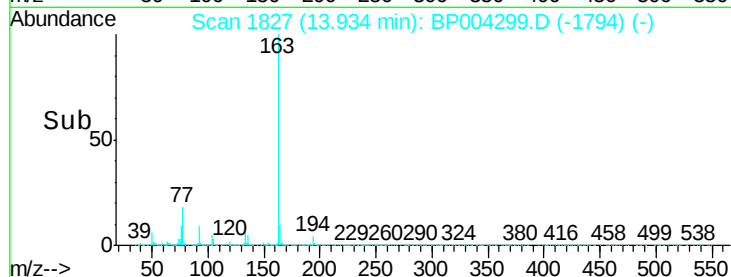
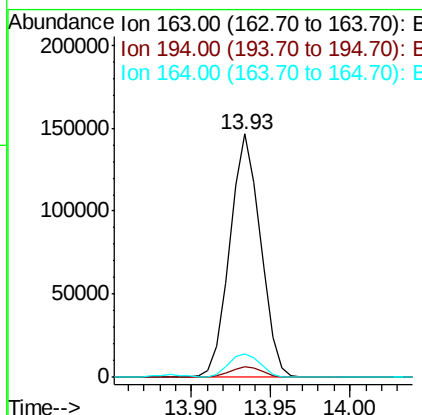
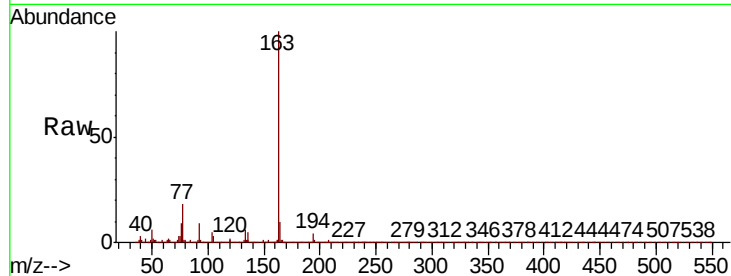
#45
Dimethylphthalate
Concen: 3.152 ng/ul
RT: 13.93 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
A54A8MS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.9	8.4	12.6

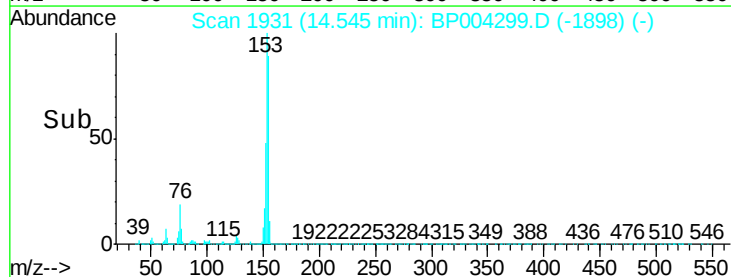
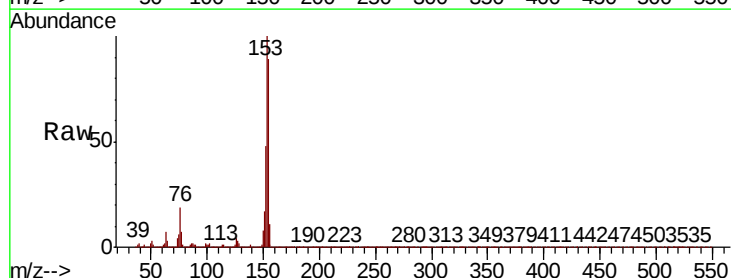
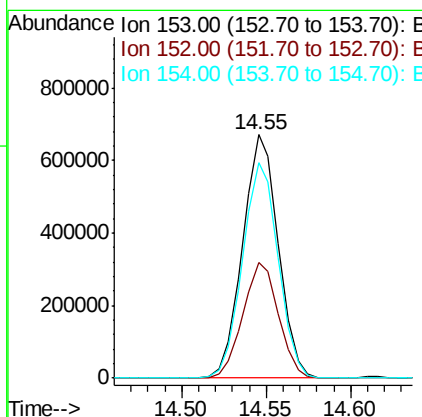
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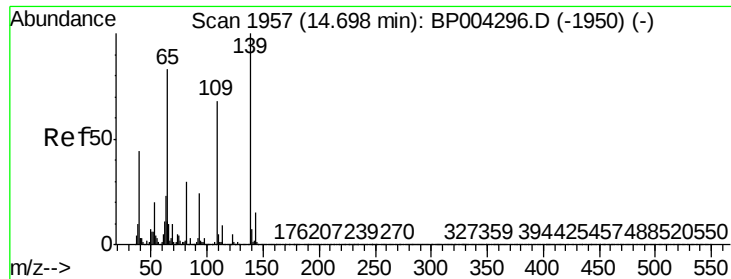
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#50
Acenaphthene
Concen: 18.007 ng/ul
RT: 14.55 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	47.6	37.8	56.6
154	88.7	69.8	104.8





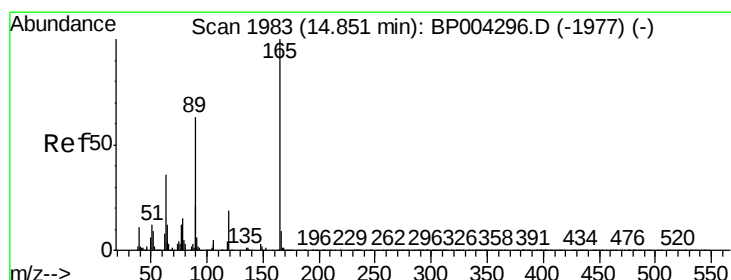
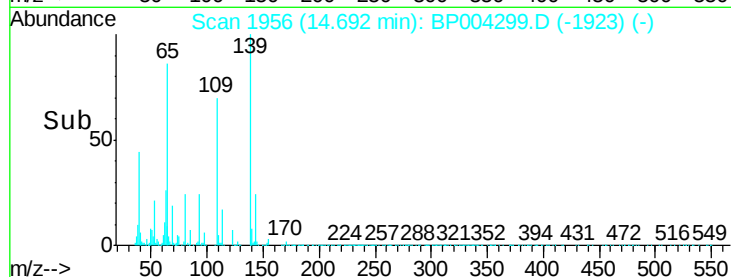
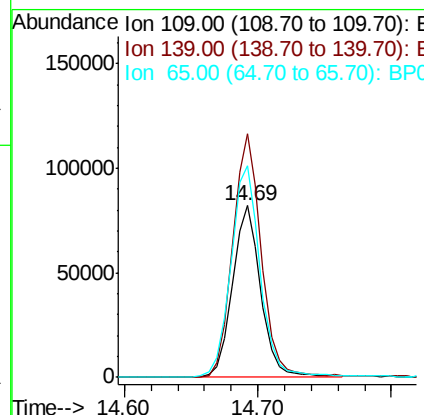
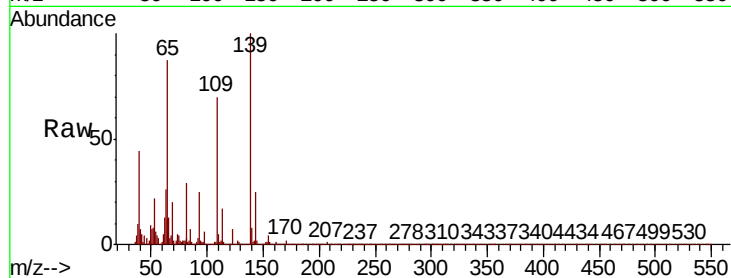
#53
4-Nitrophenol
Concen: 16.005 ng/ul
RT: 14.69 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
A54A8MS

Tot Ion	Ratio	Resp	Lower	Upper
109	100	121780		
139	142.1	113.5	170.3	
65	123.3	105.1	157.7	

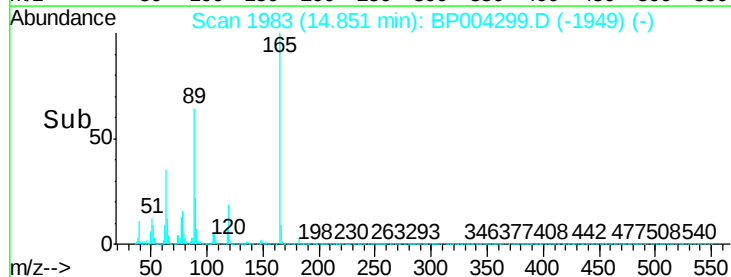
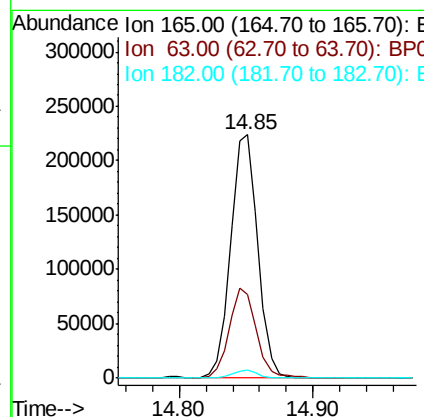
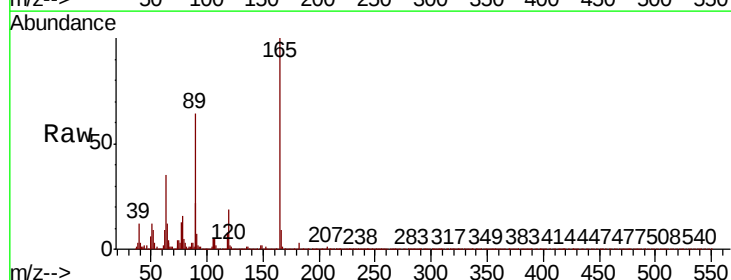
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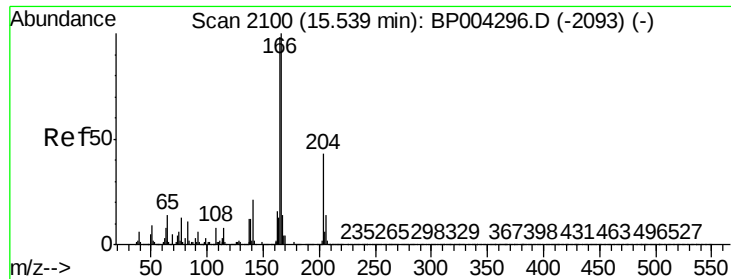
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#55
2,4-Dinitrotoluene
Concen: 19.369 ng/ul
RT: 14.85 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	318238		
63	34.6	29.4	44.2	
182	3.1	2.6	3.8	





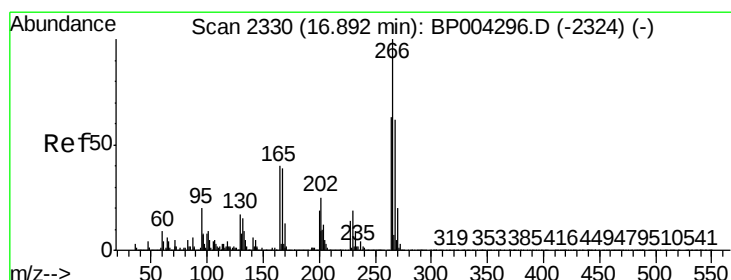
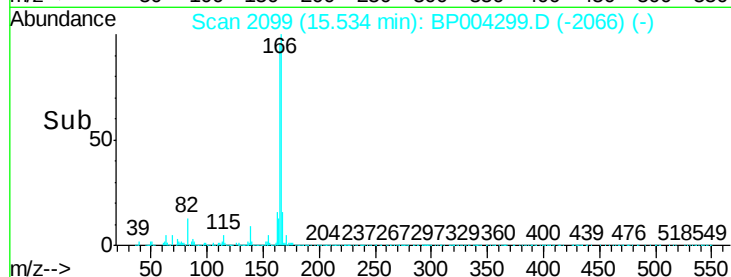
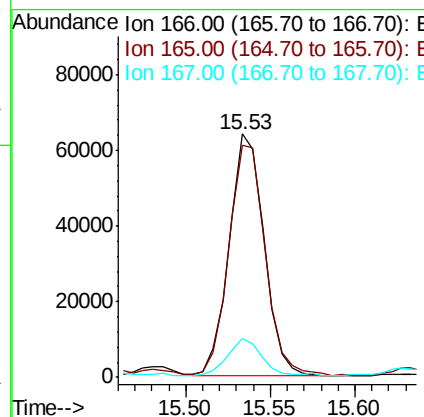
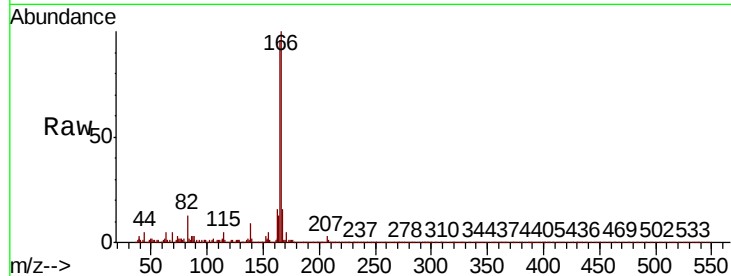
#59
Fluorene
Concen: 1.500 ng/ul
RT: 15.53 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
A54A8MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.6	78.2	117.2
167	15.9	10.8	16.2

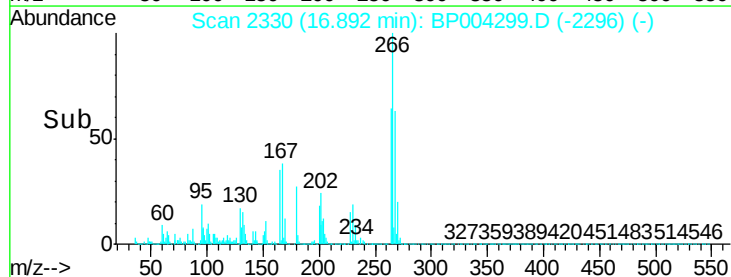
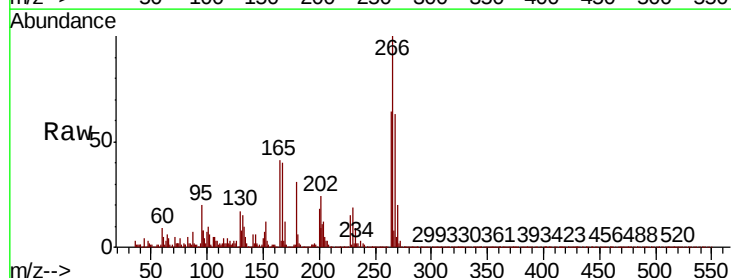
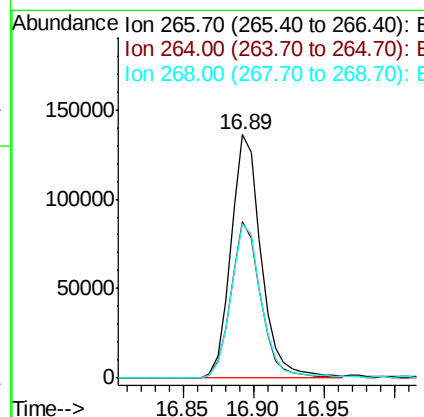
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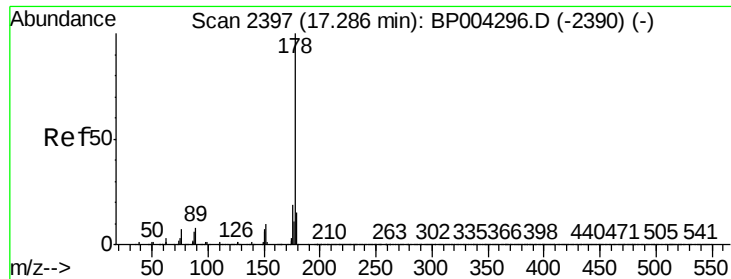
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#69
Pentachlorophenol
Concen: 18.690 ng/ul
RT: 16.89 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.3	49.8	74.6
268	63.5	52.0	78.0





#70

Phenanthrene

Concen: 20.719 ng/ul

RT: 17.29 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BP004299.D

Acq: 15 Dec 2020 12:13

Instrument :

BNA_P

ClientSampleId :

A54A8MS

Tot Ion:178 Resp: 2071178

Ion Ratio Lower Upper

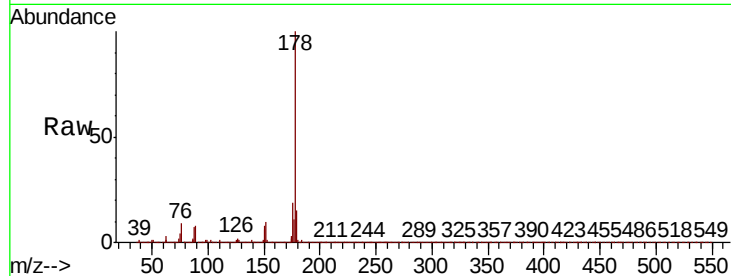
178 100

179 15.4 12.4 18.6

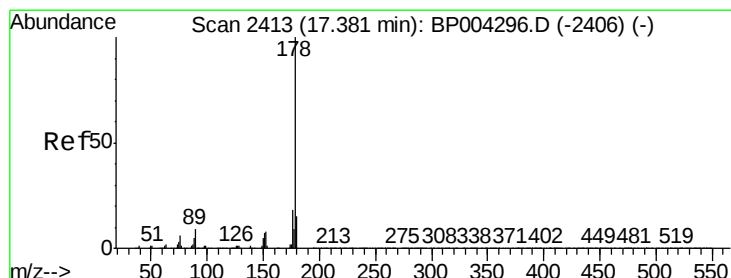
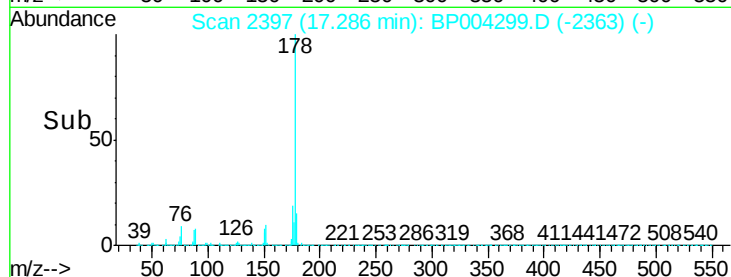
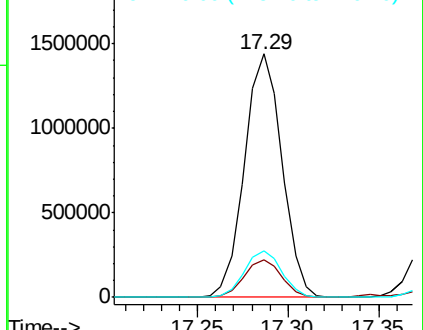
176 19.3 15.4 23.0

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 4.913 ng/ul

RT: 17.38 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BP004299.D

Acq: 15 Dec 2020 12:13

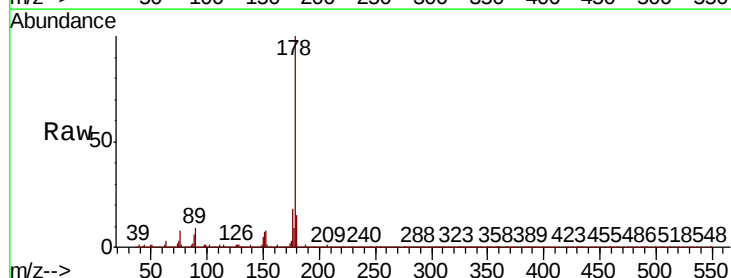
Tgt Ion:178 Resp: 485867

Ion Ratio Lower Upper

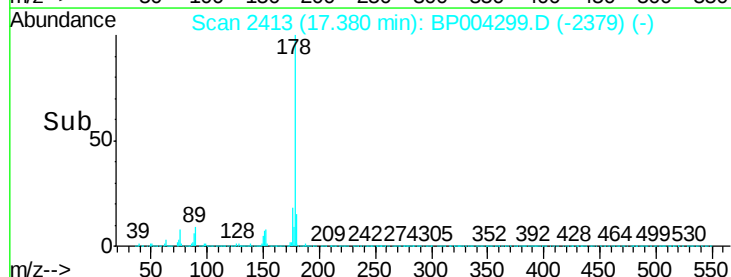
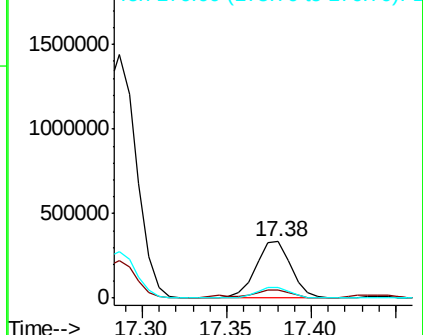
178 100

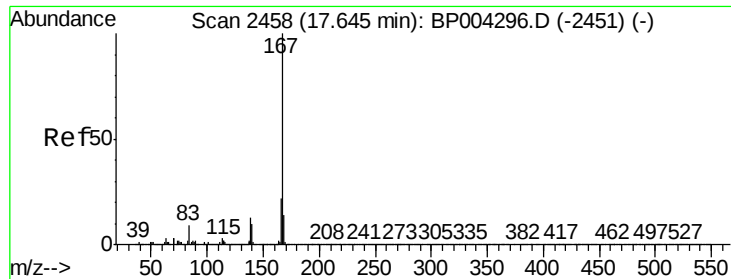
179 15.1 12.3 18.5

176 18.3 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





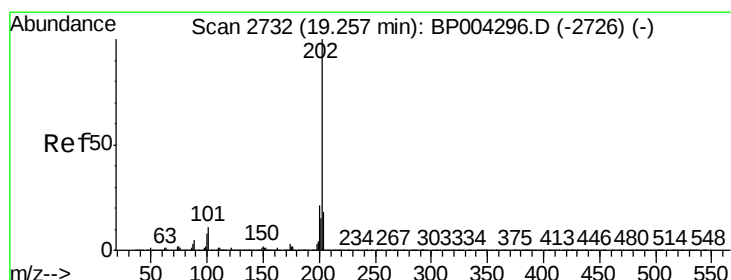
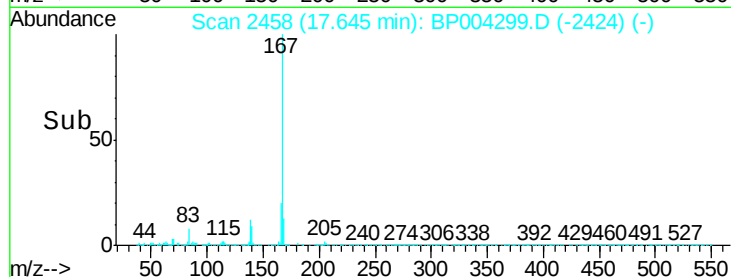
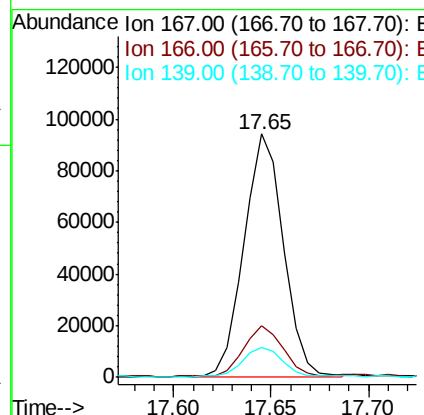
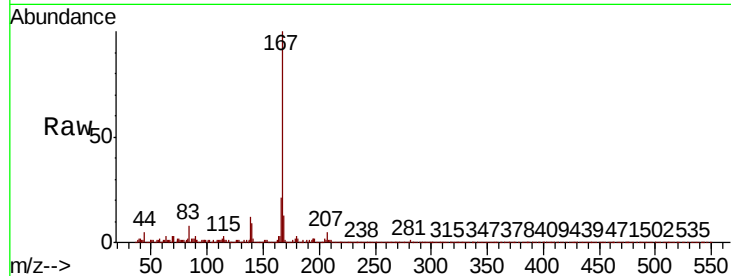
#75
 Carbazole
 Concen: 1.625 ng/ul
 RT: 17.65 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BP004299.D
 Acq: 15 Dec 2020 12:13

Instrument :
 BNA_P
 ClientSampleId :
 A54A8MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.1	9.8	14.6

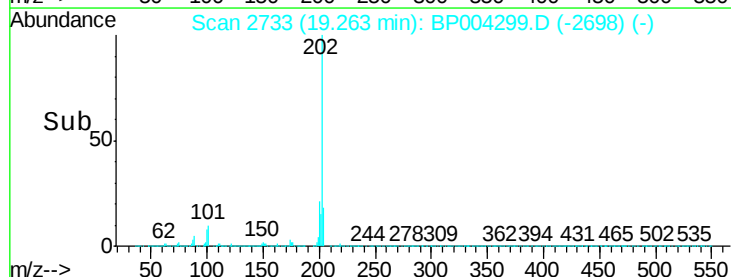
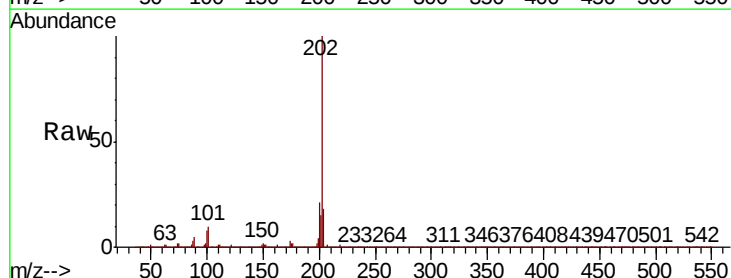
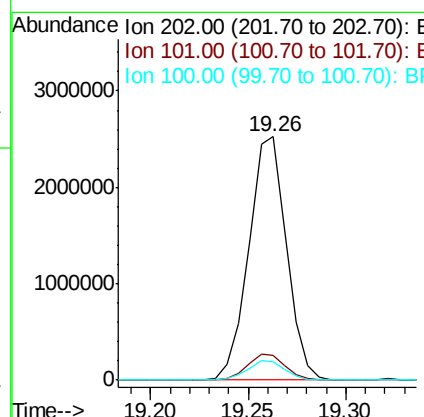
Manual Integrations
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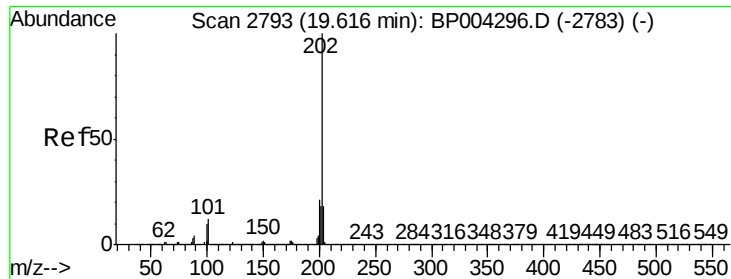
mohammad
 12/17/2020 9:52:35 AM



#77
 Fluoranthene
 Concen: 31.505 ng/ul
 RT: 19.26 min Scan# 2733
 Delta R.T. 0.01 min
 Lab File: BP004299.D
 Acq: 15 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	9.1	13.7
100	7.6	7.1	10.7





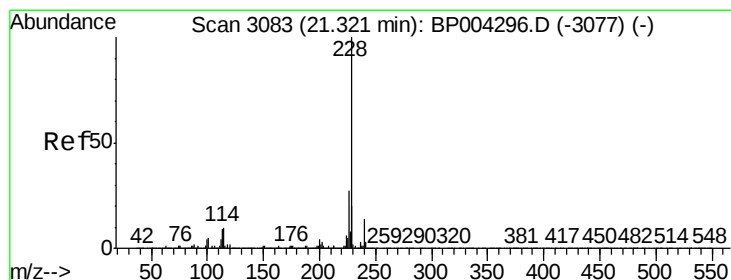
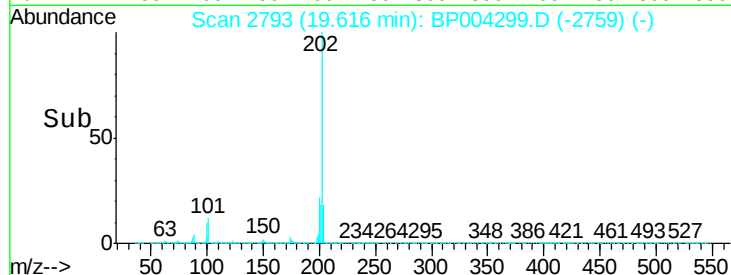
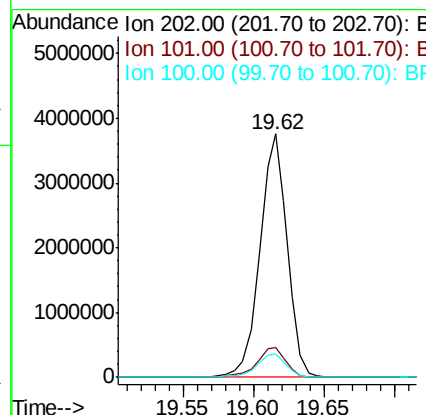
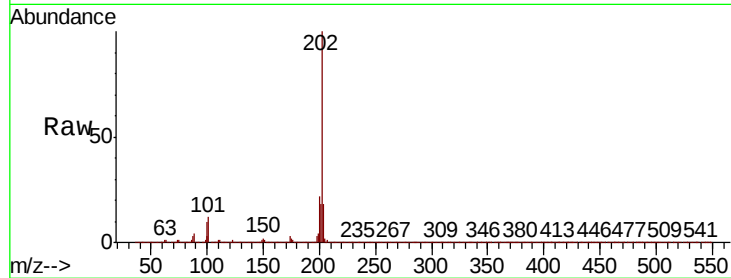
#80
Pvrene
Concen: 45.669 ng/ul
RT: 19.62 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
A54A8MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.6	15.8
100	9.8	8.6	12.8

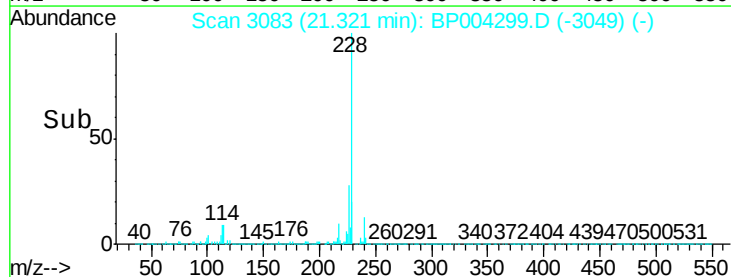
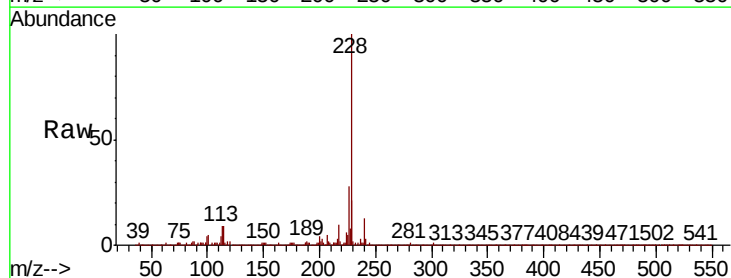
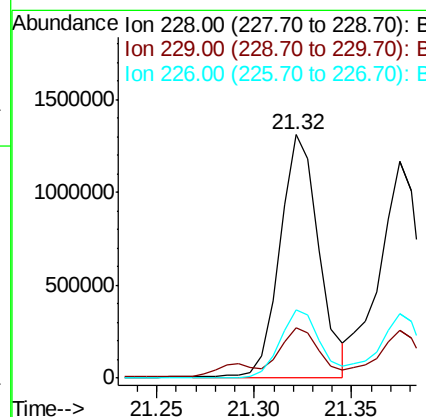
Manual Integrations
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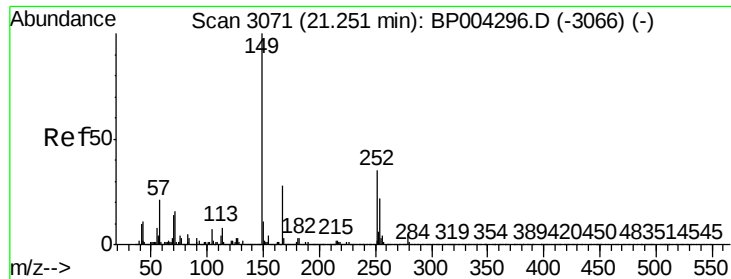
mohammad
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#83
Benzo(a)anthracene
Concen: 16.675 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. -0.00 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	28.0	21.7	32.5





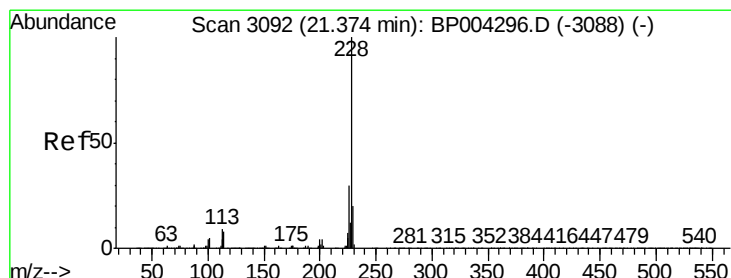
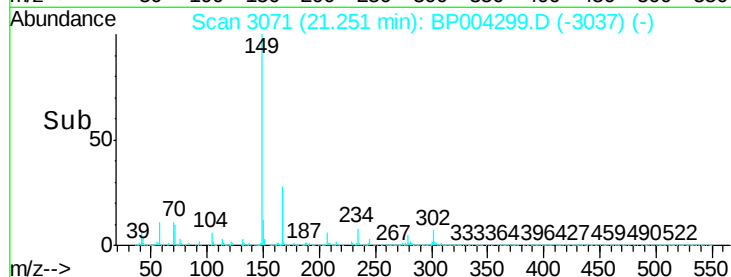
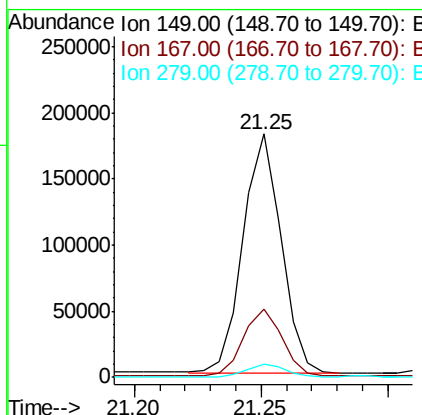
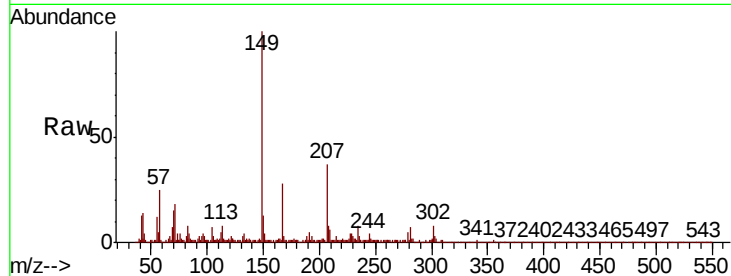
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.799 ng/ul
RT: 21.25 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
A54A8MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	5.2	3.6	5.4

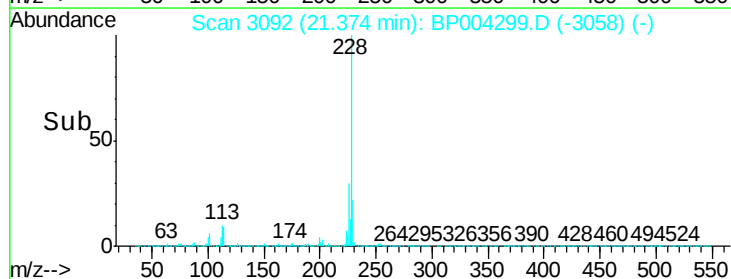
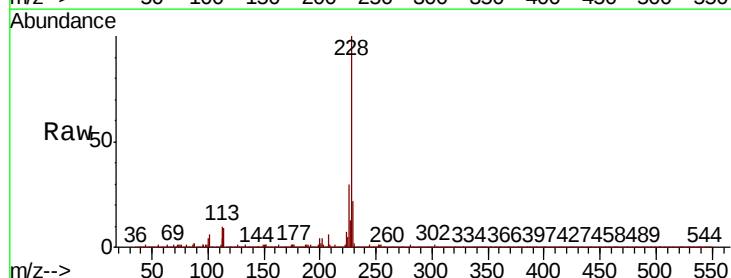
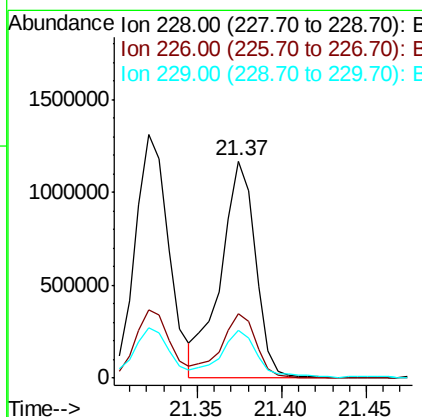
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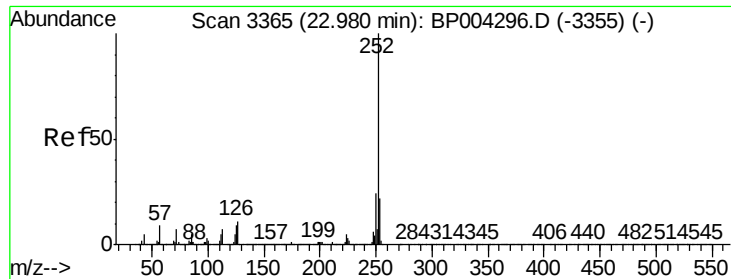
mohammad
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#85
Chrysene
Concen: 15.618 ng/ul
RT: 21.37 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	22.1	15.8	23.8





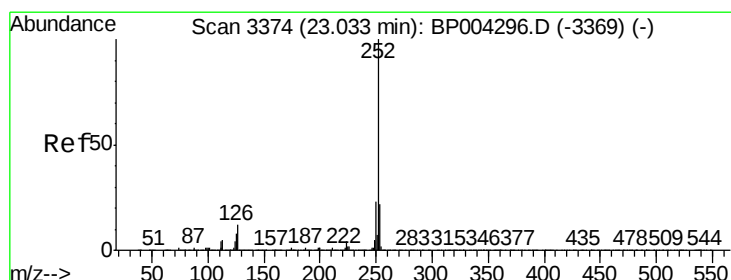
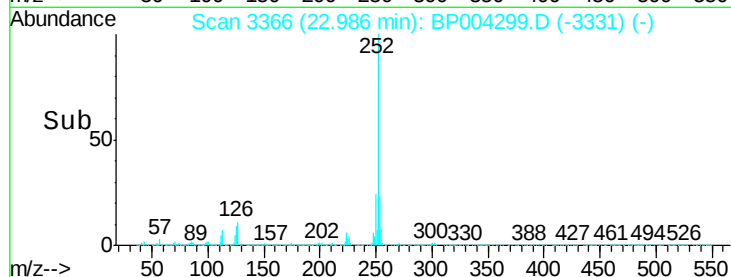
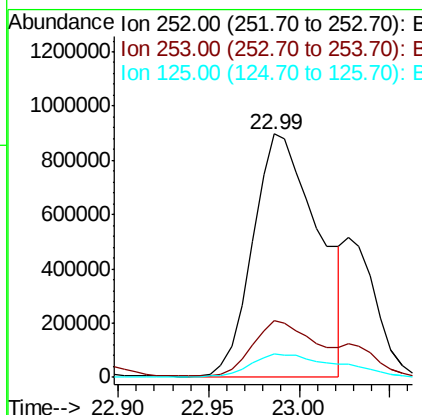
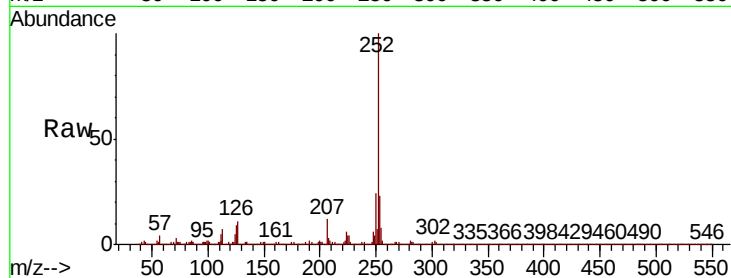
#88
Benzo(b)fluoranthene
Concen: 19.442 ng/ul
RT: 22.99 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
A54A8MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.4	7.7	11.5

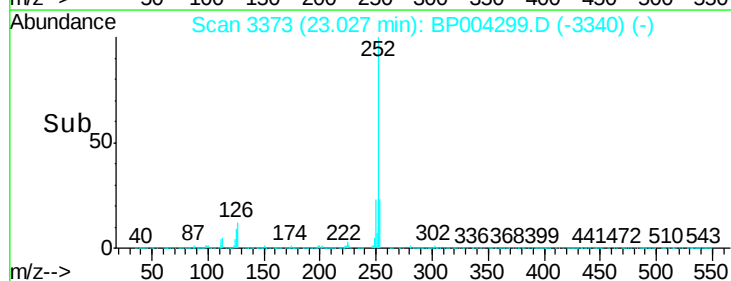
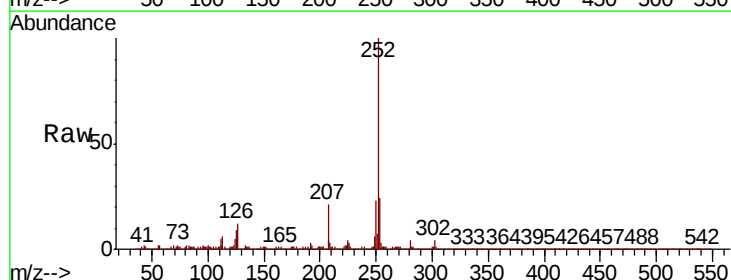
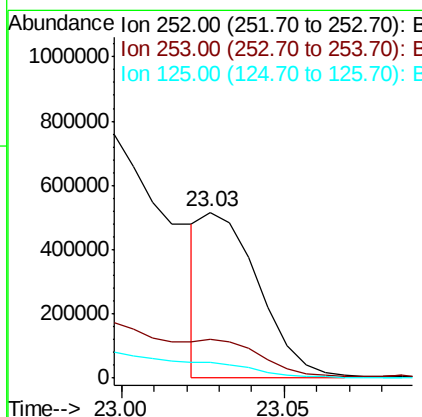
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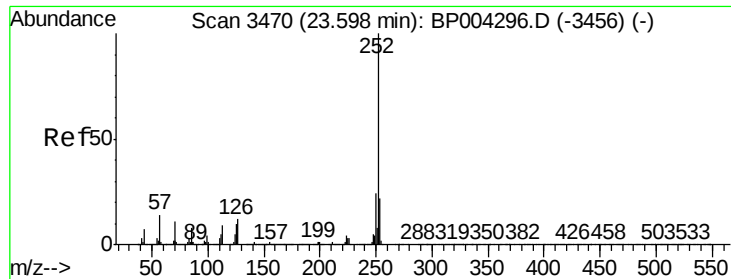
mohammad
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#89
Benzo(k)fluoranthene
Concen: 5.270 ng/ul m
RT: 23.03 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	9.2	7.3	10.9





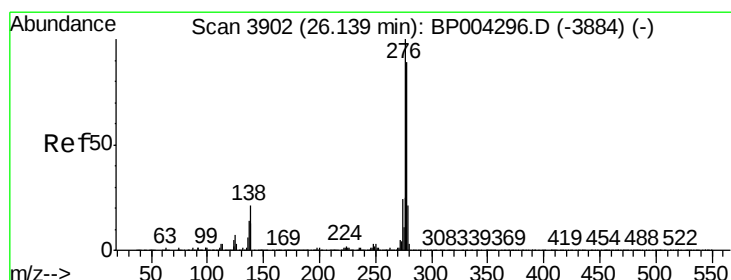
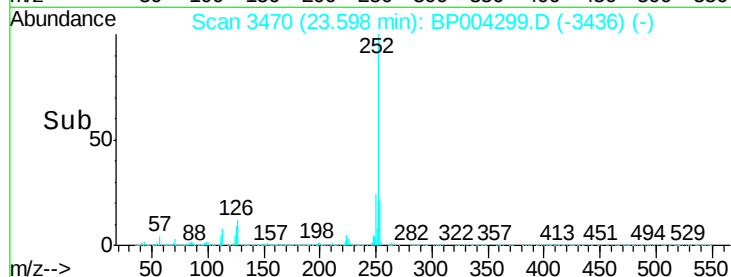
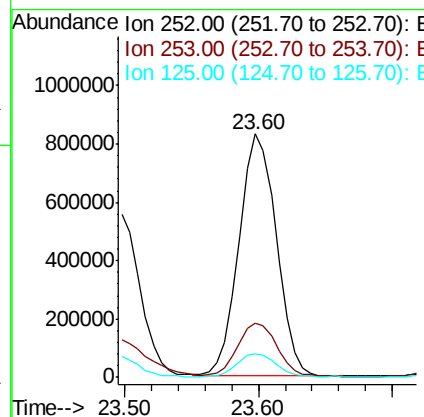
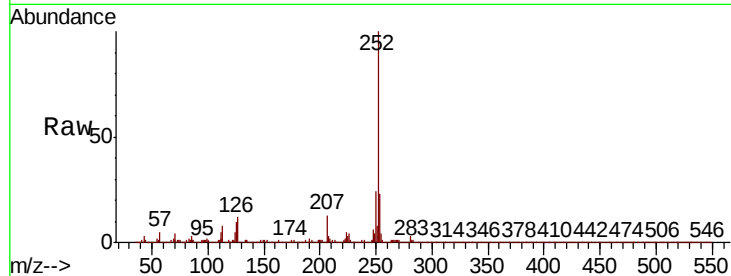
#91
Benzo(a)pyrene
Concen: 15.089 ng/ul
RT: 23.60 min Scan# 3470
Delta R.T. -0.00 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
A54A8MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.7	7.8	11.6

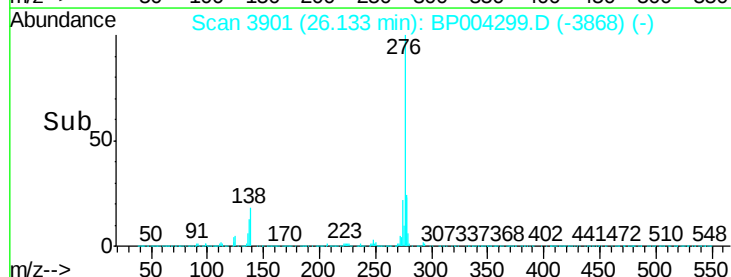
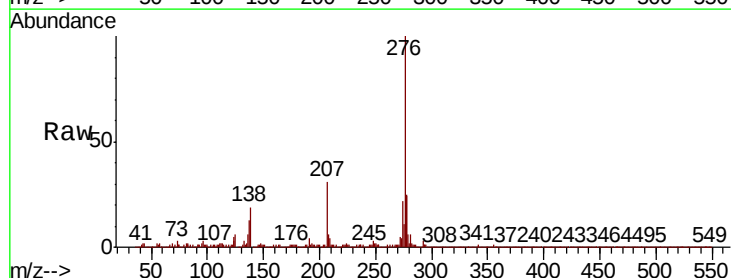
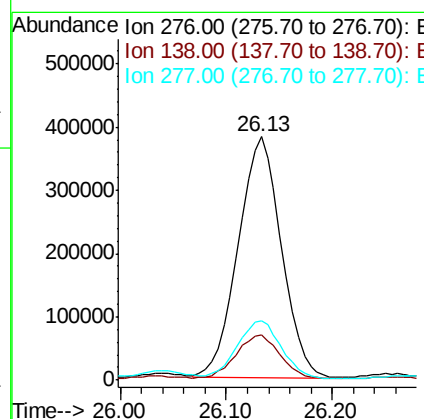
Manual Integrations
APPROVED

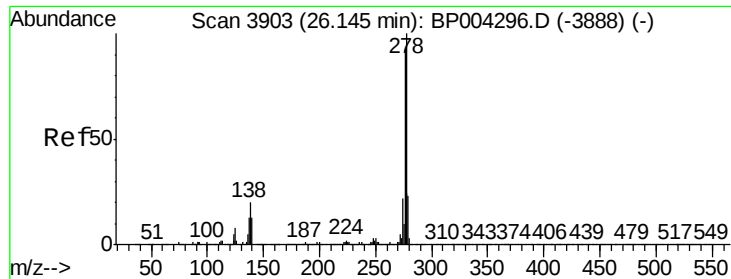
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 8.035 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	17.8	26.6
277	24.6	19.8	29.6





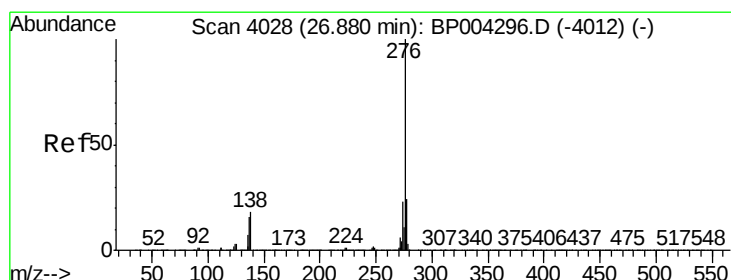
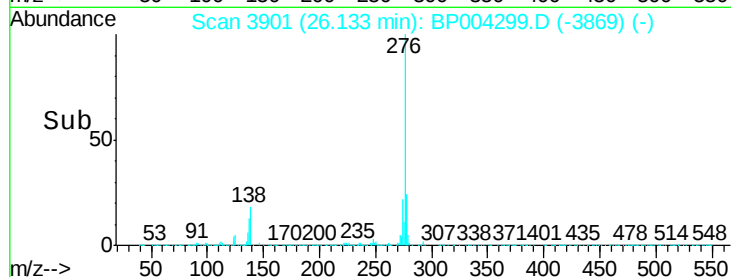
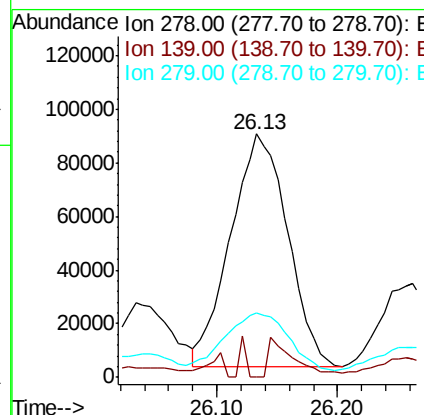
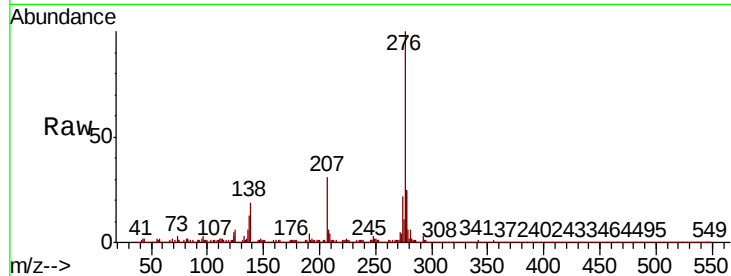
#93
Dibenzo(a,h)anthracene
Concen: 2.509 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
A54A8MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.9	17.9#
279	26.2	18.6	28.0

Manual Integrations
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12/17/2020 9:52:35 AM



#94
Benzo(g,h,i)perylene
Concen: 6.863 ng/ul
RT: 26.87 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BP004299.D
Acq: 15 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.6	25.0
277	24.1	18.5	27.7

