

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023297.D
 Acq On : 19 Oct 2019 21:38
 Operator : JU
 Sample : K5378-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0008

Manual Integrations
 APPROVED

mohammad
 10/22/2019 1:45:19 AM

Quant Time: Oct 20 00:57:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 19 23:34:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	403993	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1626184	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	986576	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2034667	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2166932	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2601772	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	31434	3.42	ng/uL	0.00
5) Phenol-d5	6.82	99	480805	13.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	340459	17.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	432564	16.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	295309	10.45	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	211349	19.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	214727	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	424581	15.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	280701	8.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1356707	17.94	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1573470	17.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	98666	8.06	ng/ul	0.00
58) Fluorene-d10	15.29	176	1193969	18.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	129181	16.01	ng/ul	0.00
71) Anthracene-d10	17.14	188	1930351	19.67	ng/ul	0.00
79) Pyrene-d10	19.43	212	2303095	21.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2761774	20.94	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	65540	1.806 ng/ul	97
28) Naphthalene	10.48	128	95343	1.134 ng/ul	96
34) 2-Methylnaphthalene	12.10	142	116627	1.865 ng/ul	97
45) Dimethylphthalate	13.76	163	495840	6.552 ng/ul	100
70) Phenanthrene	17.08	178	780937	6.839 ng/ul	99
77) Fluoranthene	19.10	202	1065258	7.844 ng/ul	99
80) Pyrene	19.46	202	905367	6.669 ng/ul	98
83) Benzo(a)anthracene	21.22	228	511265	3.482 ng/ul	95
85) Chrysene	21.27	228	609046	4.467 ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	753215	4.775 ng/ul#	97
89) Benzo(k)fluoranthene	22.81	252	192918m	1.274 ng/ul	
91) Benzo(a)pyrene	23.34	252	467883	3.092 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.64	276	348612	1.936 ng/ul	98
94) Benzo(g,h,i)perylene	26.31	276	304481	2.054 ng/ul	98

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

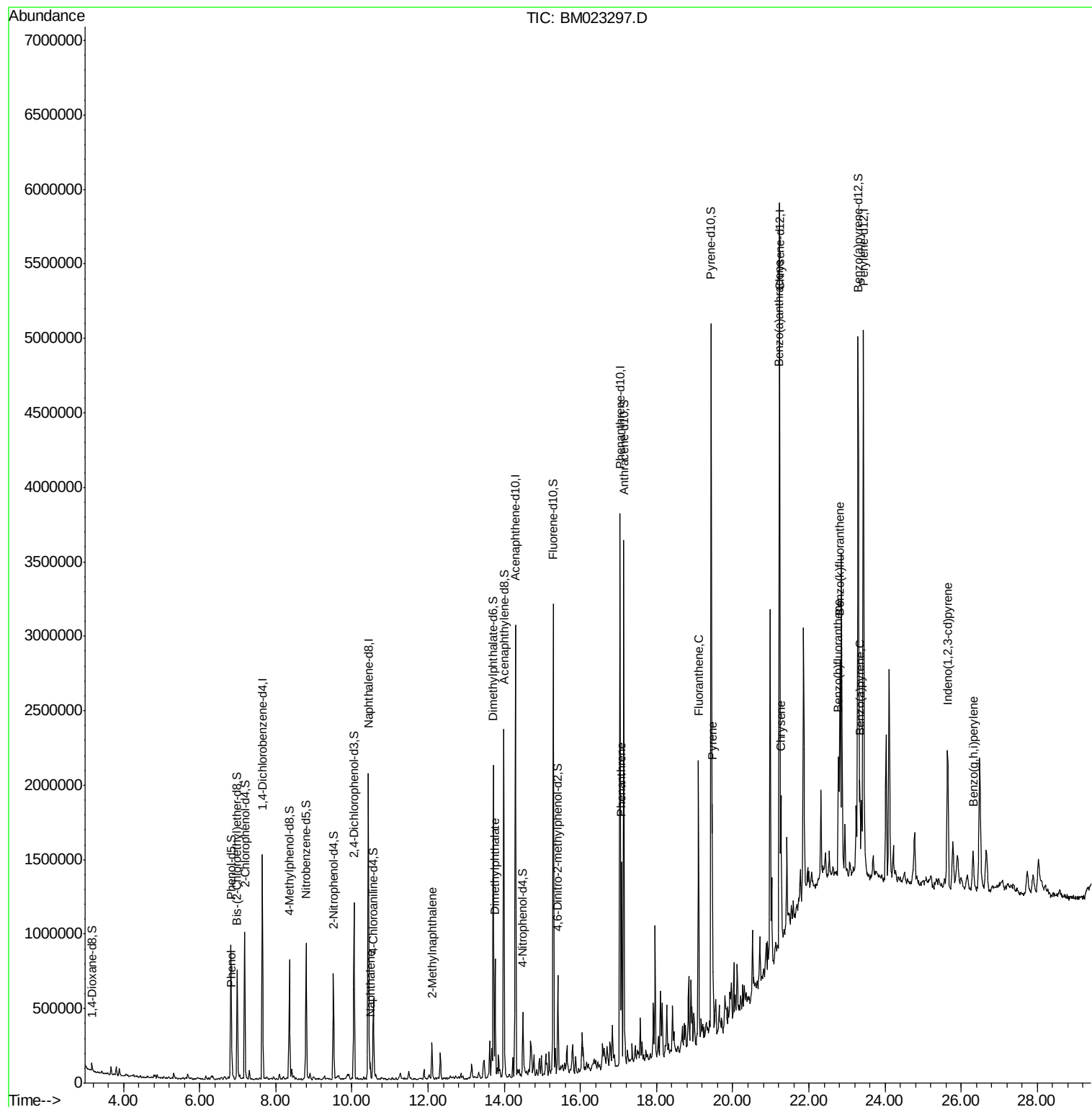
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023297.D
Acq On : 19 Oct 2019 21:38
Operator : JU
Sample : K5378-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

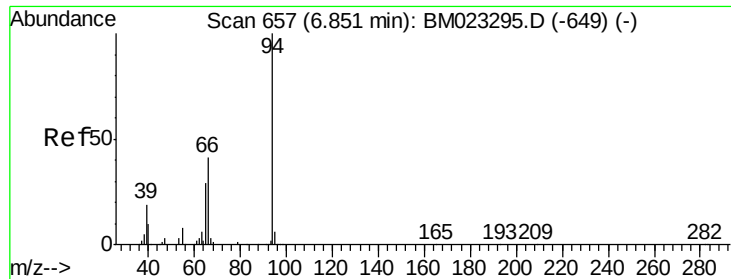
Instrument :
BNA_M
ClientSampleId :
C0008

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Quant Time: Oct 20 00:57:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.806 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM023297.D

Acq: 19 Oct 2019 21:38

Instrument :

BNA_M

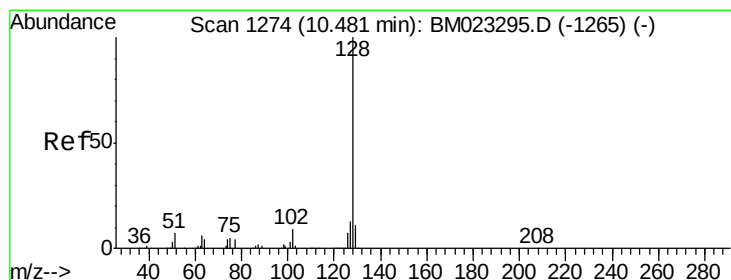
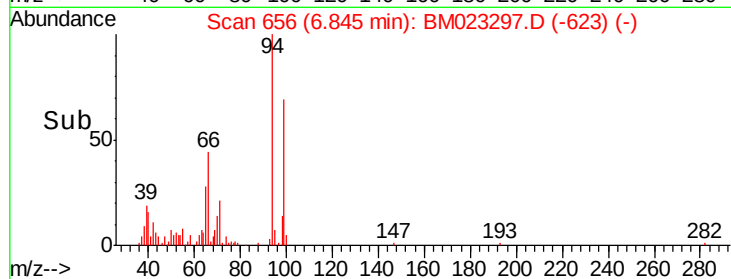
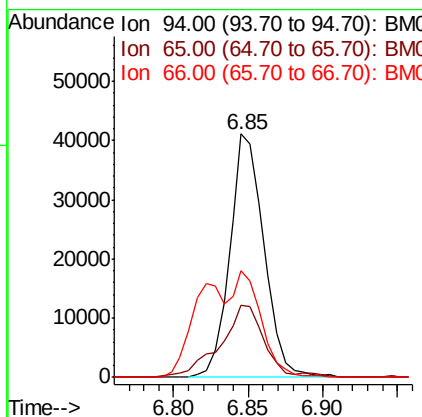
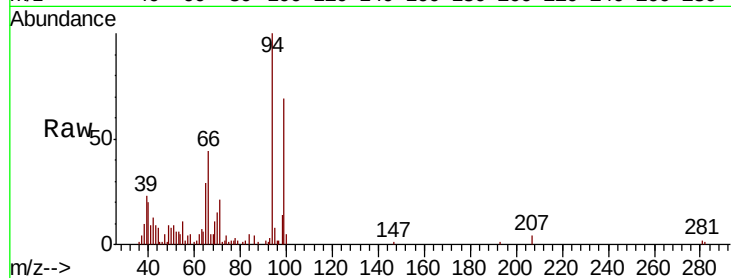
ClientSampled :

C0008

Tot Ion:	94	Resp:	65540
Ion	Ratio	Lower	Upper
94	100		
65	29.4	23.7	35.5
66	44.0	32.9	49.3

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#28

Naphthalene

Concen: 1.134 ng/ul

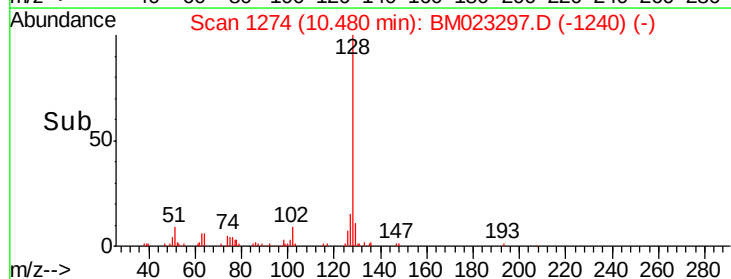
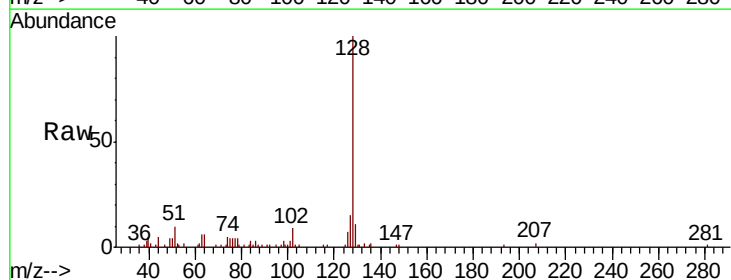
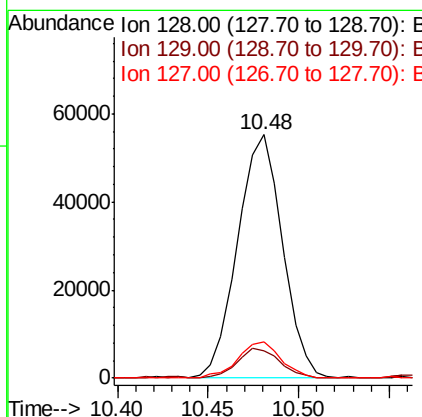
RT: 10.48 min Scan# 1274

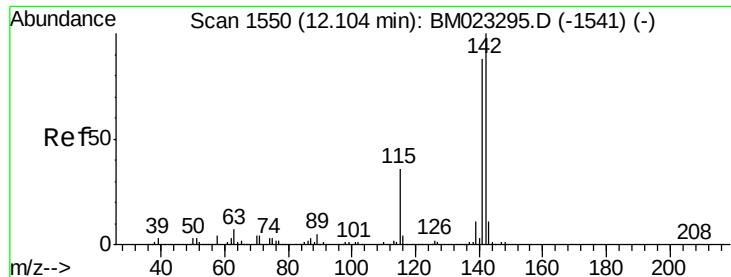
Delta R.T. -0.00 min

Lab File: BM023297.D

Acq: 19 Oct 2019 21:38

Tgt Ion:	128	Resp:	95343
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.3	12.5
127	14.8	10.2	15.4





#34

2-Methylnaphthalene

Concen: 1.865 ng/ul

RT: 12.10 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BM023297.D

Acq: 19 Oct 2019 21:38

Instrument :

BNA_M

ClientSampleId :

C0008

Tot Ion:142 Resp: 116627

Ion Ratio Lower Upper

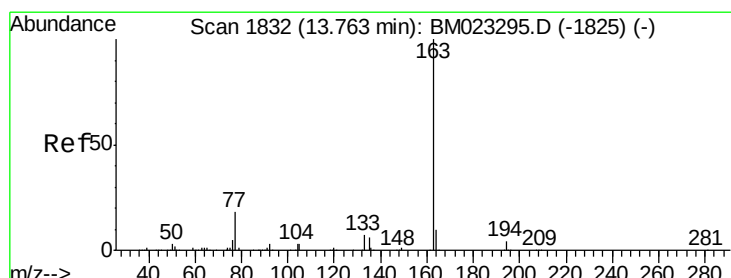
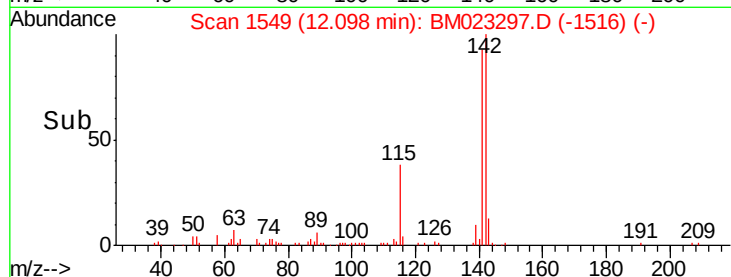
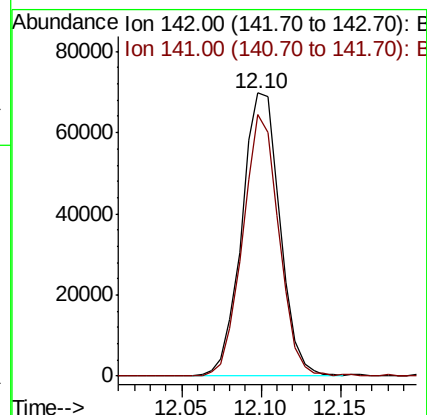
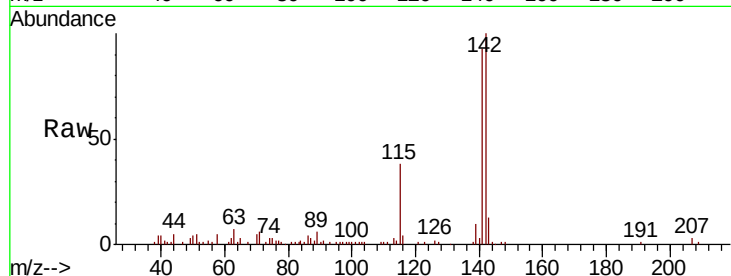
142 100

141 92.6 72.1 108.1

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#45

Dimethylphthalate

Concen: 6.552 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BM023297.D

Acq: 19 Oct 2019 21:38

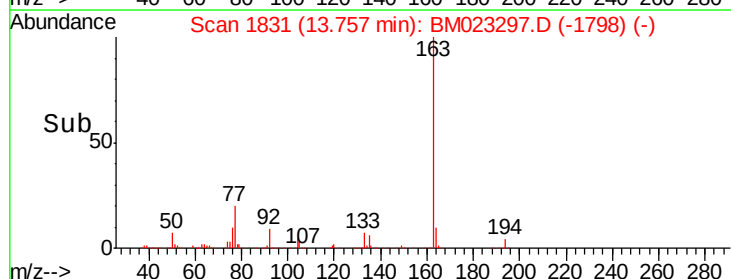
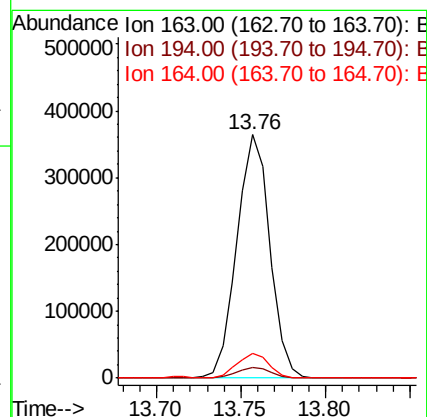
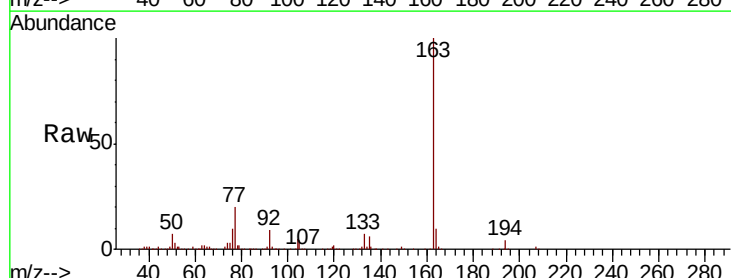
Tgt Ion:163 Resp: 495840

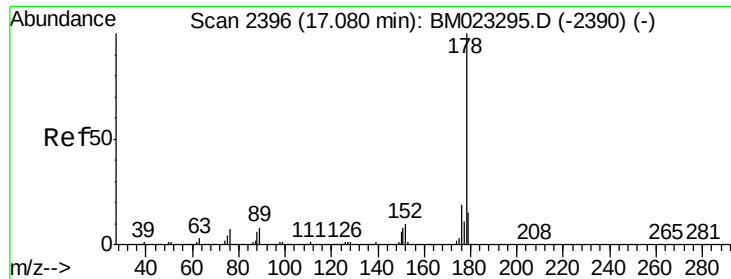
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.2 8.0 12.0





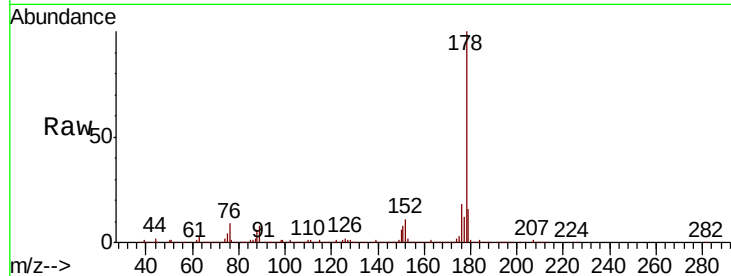
#70
Phenanthrene
Concen: 6.839 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM023297.D
Acq: 19 Oct 2019 21:38

Instrument :
BNA_M
ClientSampleId :
C0008

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.4	15.5	23.3

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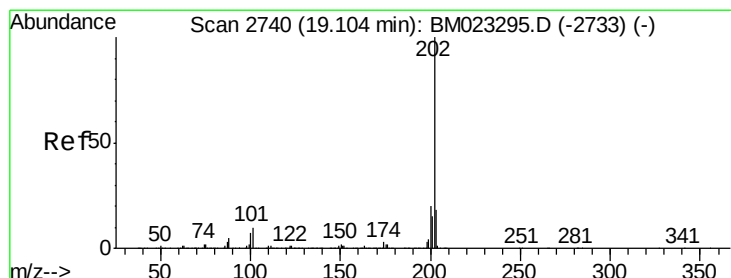
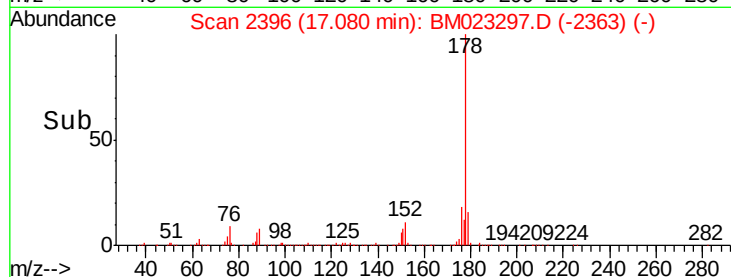
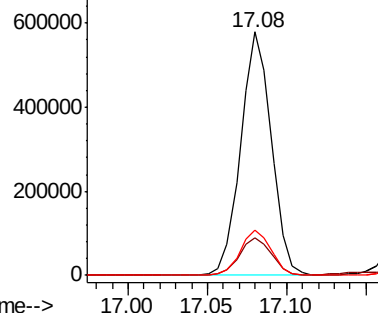


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77
Fluoranthene
Concen: 7.844 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. -0.00 min
Lab File: BM023297.D
Acq: 19 Oct 2019 21:38

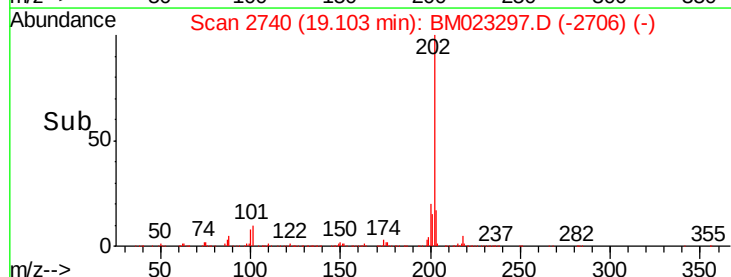
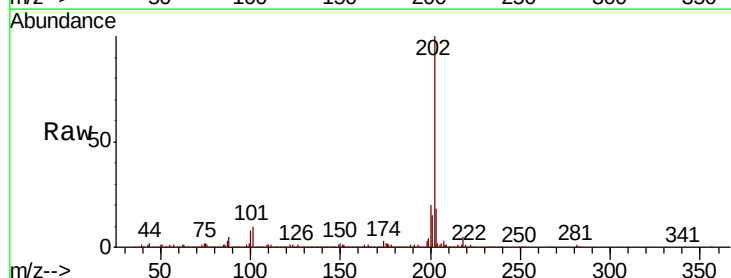
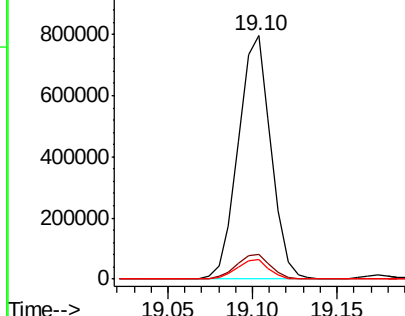
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.8	11.8
100	8.0	6.1	9.1

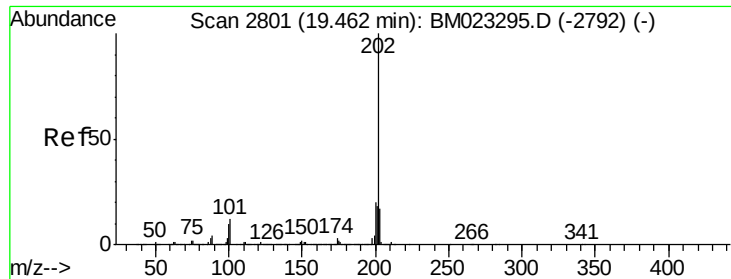
Abundance

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): E





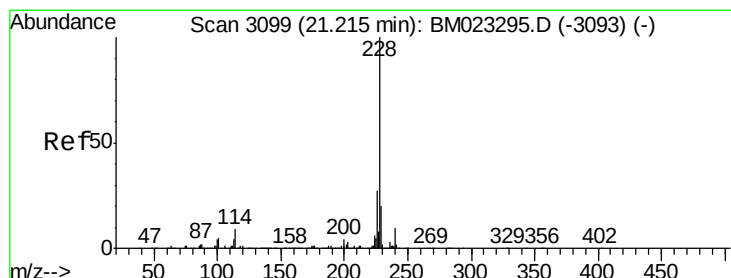
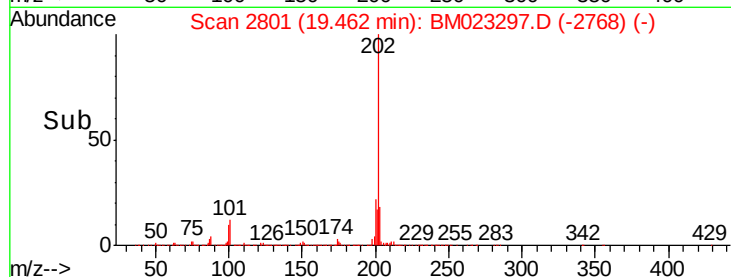
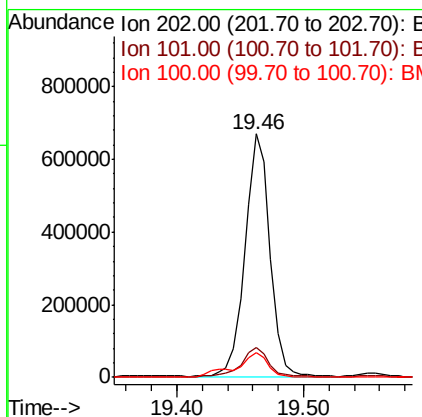
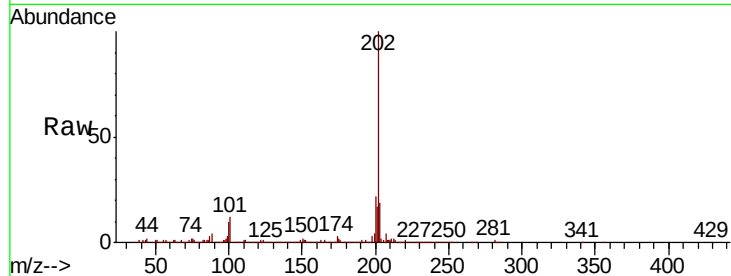
#80
Pvrene
Concen: 6.669 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. -0.01 min
Lab File: BM023297.D
Acq: 19 Oct 2019 21:38

Instrument :
BNA_M
ClientSampleId :
C0008

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	9.1	13.7
100	10.1	7.5	11.3

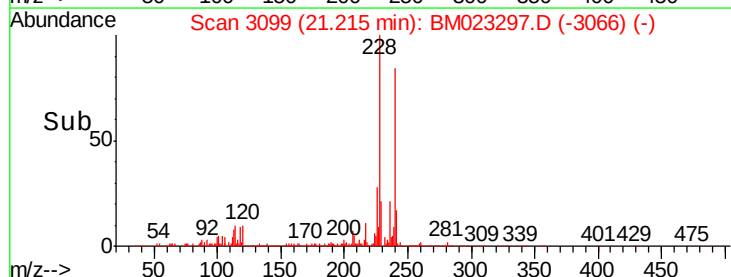
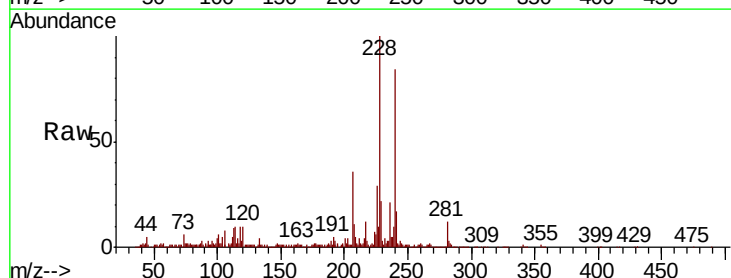
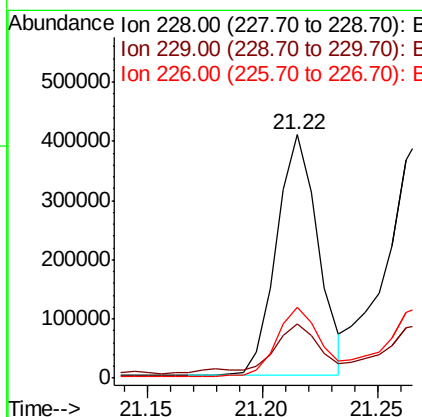
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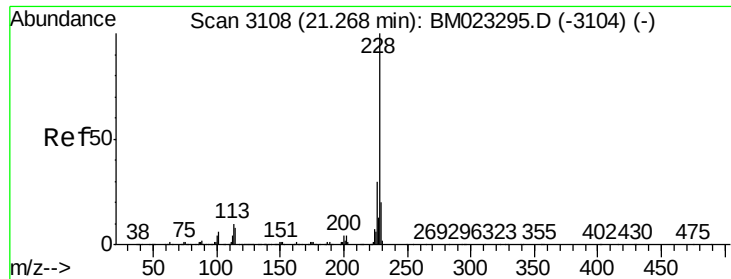
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#83
Benzo(a)anthracene
Concen: 3.482 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023297.D
Acq: 19 Oct 2019 21:38

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.4	15.7	23.5
226	28.9	21.6	32.4





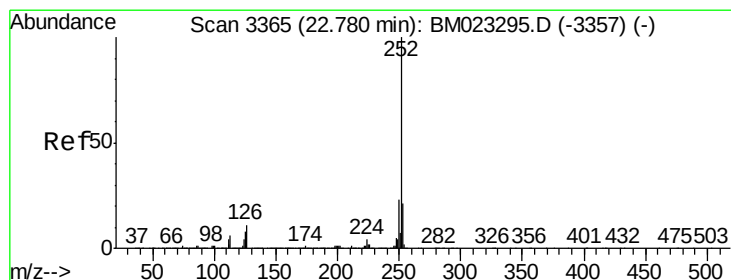
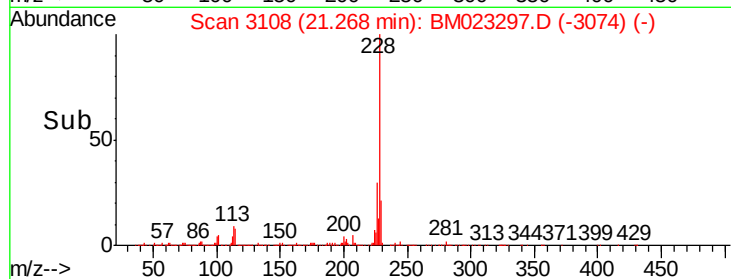
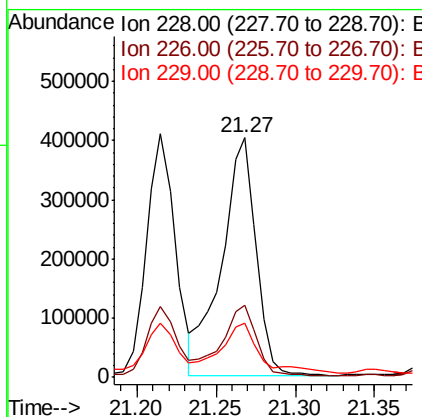
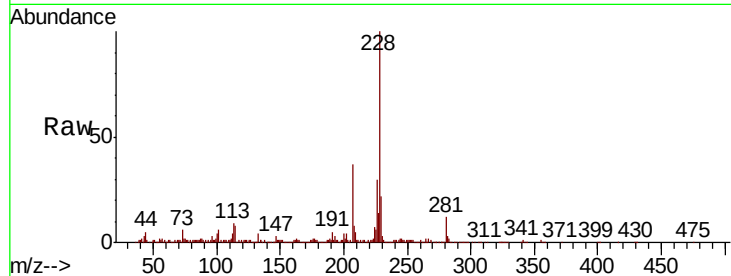
#85
 Chrysene
 Concen: 4.467 ng/ul
 RT: 21.27 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: BM023297.D
 Acq: 19 Oct 2019 21:38

Instrument :
 BNA_M
 ClientSampleID :
 C0008

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	22.4	15.5	23.3

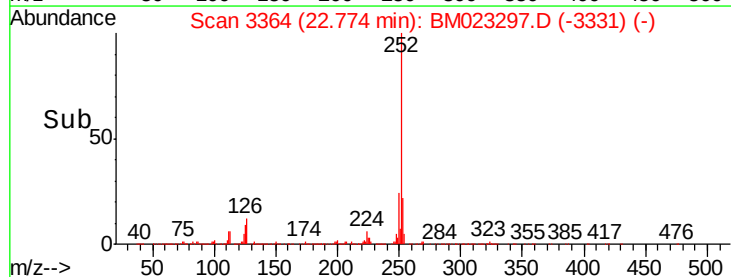
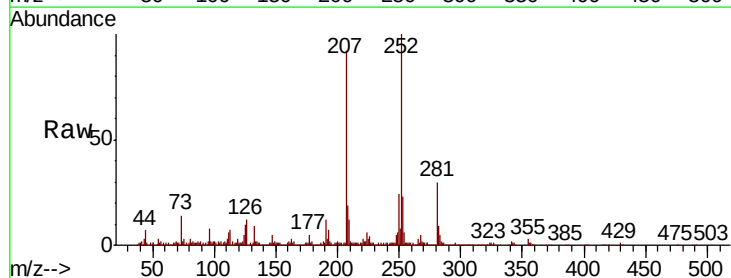
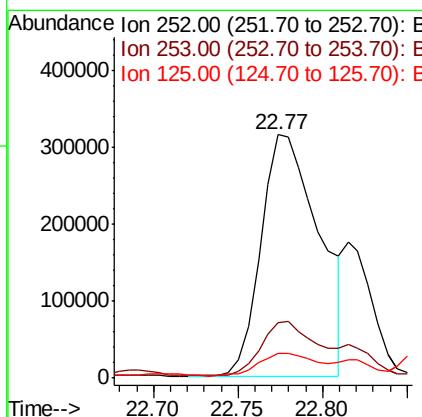
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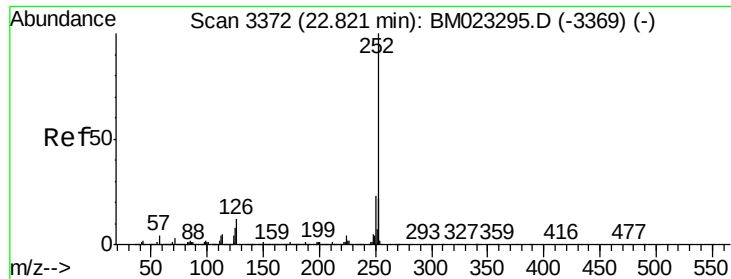
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#88
 Benzo(b)fluoranthene
 Concen: 4.775 ng/ul
 RT: 22.77 min Scan# 3364
 Delta R.T. -0.01 min
 Lab File: BM023297.D
 Acq: 19 Oct 2019 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	9.9	6.4	9.6





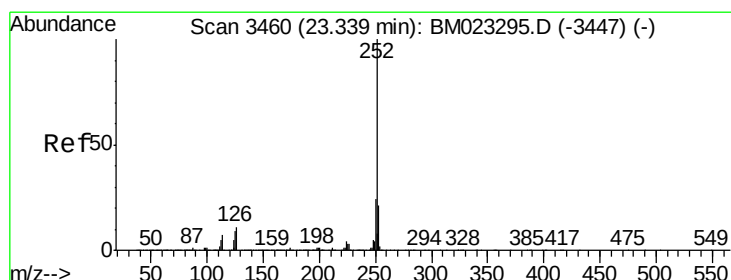
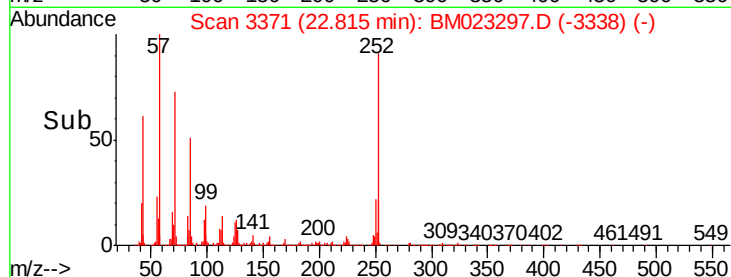
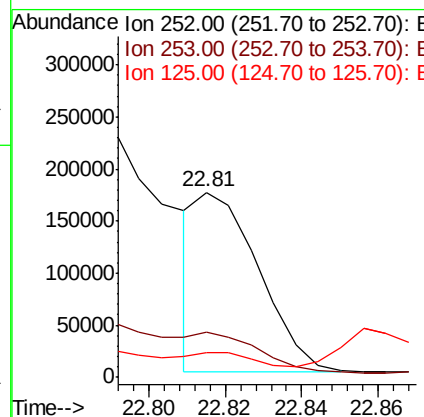
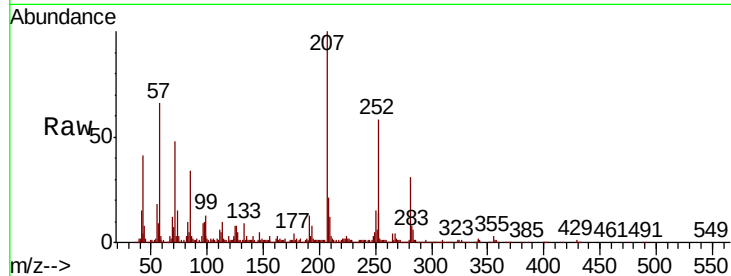
#89
Benzo(k)fluoranthene
Concen: 1.274 ng/ul m
RT: 22.81 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BM023297.D
Acq: 19 Oct 2019 21:38

Instrument :
BNA_M
ClientSampleId :
C0008

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.3	17.4	26.0
125	13.4	6.5	9.7#

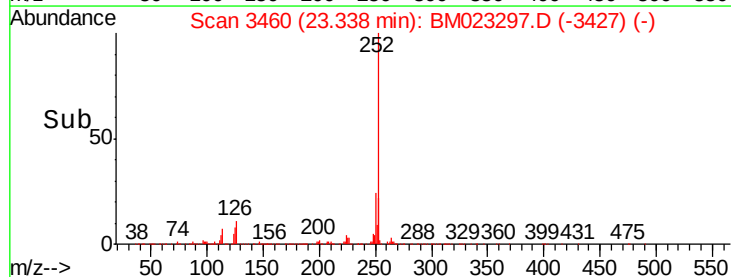
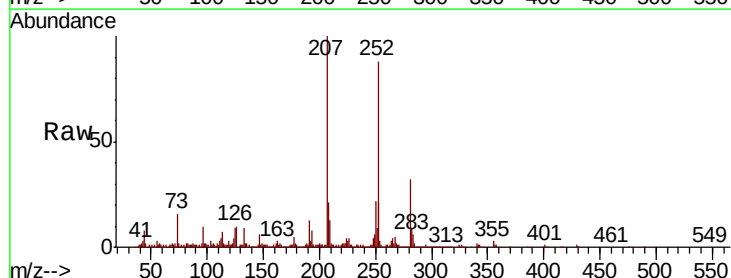
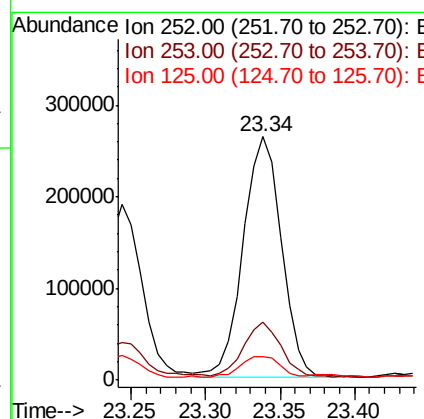
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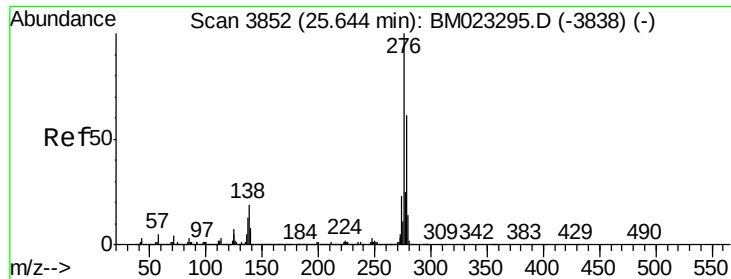
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#91
Benzo(a)pyrene
Concen: 3.092 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM023297.D
Acq: 19 Oct 2019 21:38

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.7	17.2	25.8
125	9.7	7.4	11.0





#92

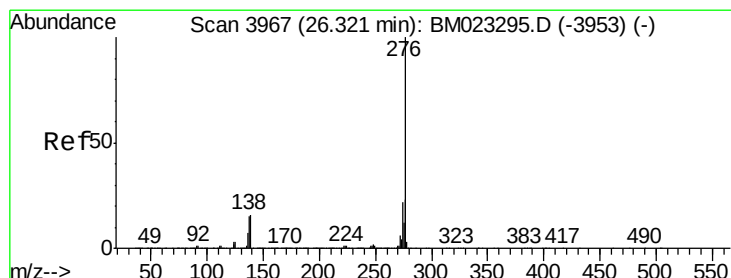
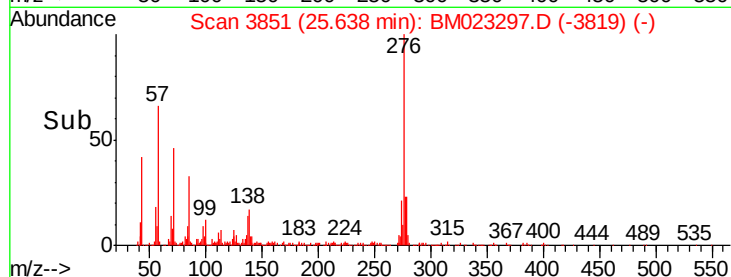
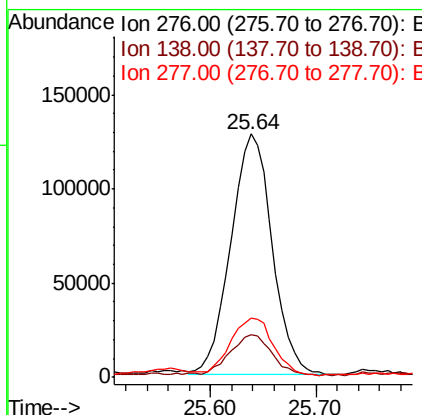
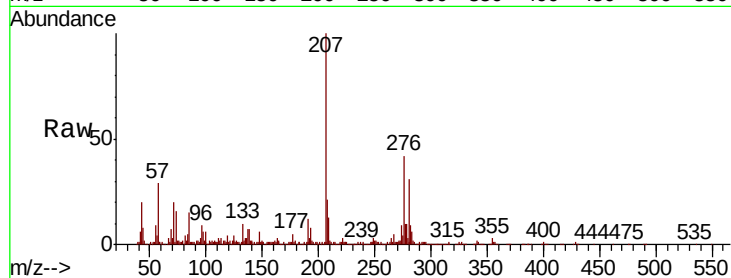
Indeno(1,2,3-cd)pyrene
Concen: 1.936 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BM023297.D
Acq: 19 Oct 2019 21:38

Instrument :
BNA_M
ClientSampleId :
C0008

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.9	22.3
277	24.2	19.8	29.8

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#94

Benzo(g,h,i)perylene
Concen: 2.054 ng/ul
RT: 26.31 min Scan# 3965
Delta R.T. -0.01 min
Lab File: BM023297.D
Acq: 19 Oct 2019 21:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	14.4	21.6
277	24.8	19.4	29.2

