

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024781.D
 Acq On : 08 Feb 2020 03:41
 Operator : CG/JU
 Sample : L1400-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6G7

Manual Integrations
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mohammad
 2/11/2020 8:22:13 AM

Quant Time: Feb 08 04:28:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 22:29:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	287918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1105880	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	731063	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1619289	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1664450	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1768333	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	20402	3.41	ng/uL	0.00
5) Phenol-d5	6.60	99	351825	18.39	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	232039	21.48	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	330764	19.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	304958	18.90	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	171942	21.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	205747	21.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	348506	18.28	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	443040	24.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1265792	22.94	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1277778	19.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	150563	16.79	ng/ul	0.00
58) Fluorene-d10	15.06	176	1017757	20.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	176187	16.69	ng/ul	0.00
71) Anthracene-d10	16.91	188	1456391	19.70	ng/ul	0.00
79) Pyrene-d10	19.22	212	1596933	19.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1638282	18.45	ng/ul	-0.01

Target Compounds

					Ovalue	
70) Phenanthrene	16.85	178	240991	2.729	ng/ul	99
77) Fluoranthene	18.88	202	530844	4.898	ng/ul	99
80) Pyrene	19.24	202	437295	3.969	ng/ul	99
83) Benzo(a)anthracene	21.01	228	282885	2.523	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.98	149	836725	12.827	ng/ul	99
85) Chrysene	21.06	228	289257	2.621	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	399103	3.549	ng/ul	99
89) Benzo(k)fluoranthene	22.54	252	147592m	1.364	ng/ul	
91) Benzo(a)pyrene	23.03	252	217962	2.162	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.17	276	174537	1.391	ng/ul	98
94) Benzo(g,h,i)perylene	25.79	276	122531	1.174	ng/ul	97

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

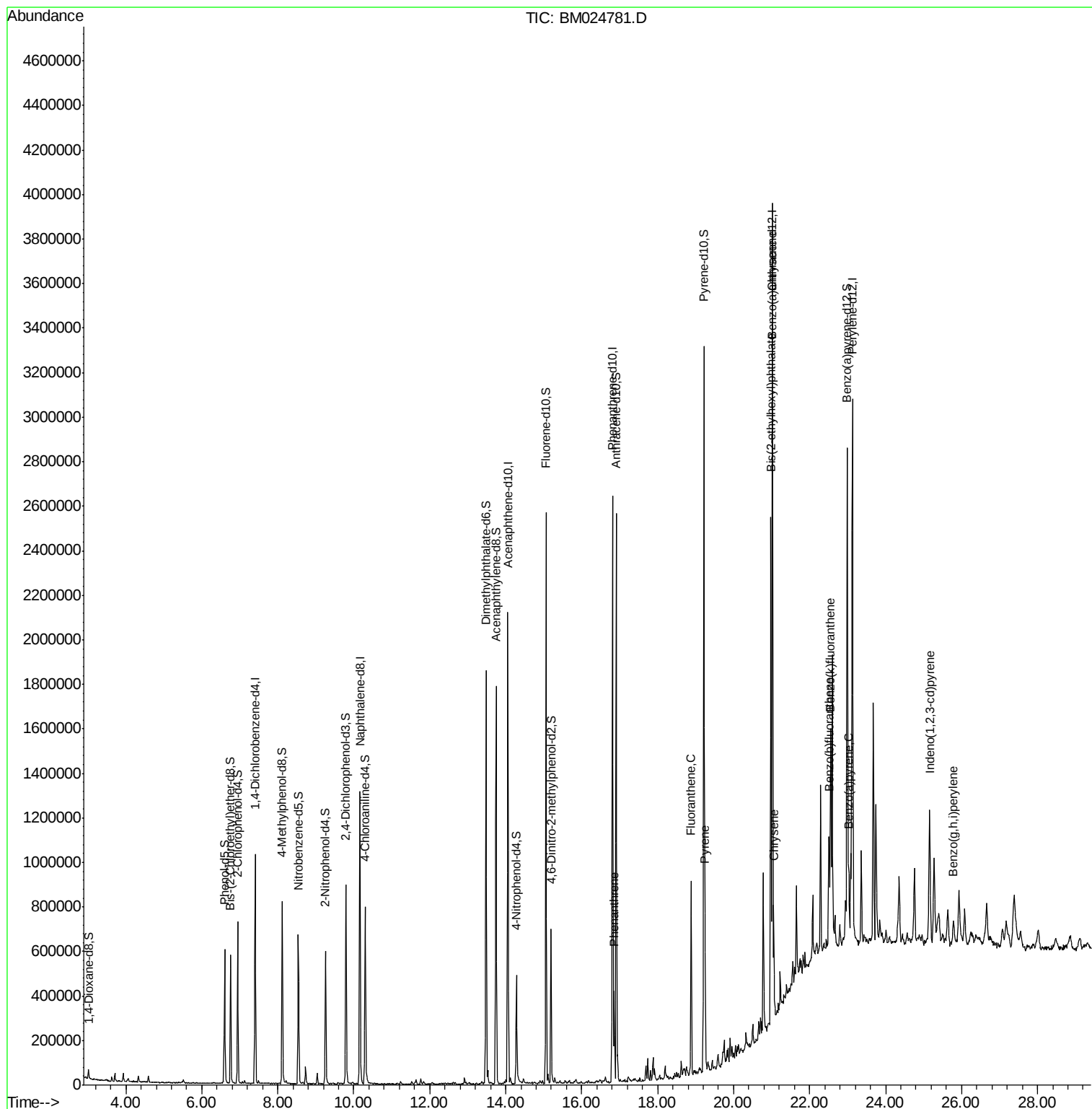
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024781.D
Acq On : 08 Feb 2020 03:41
Operator : CG/JU
Sample : L1400-01
Misc :
ALS Vial : 60 Sample Multiplier: 1

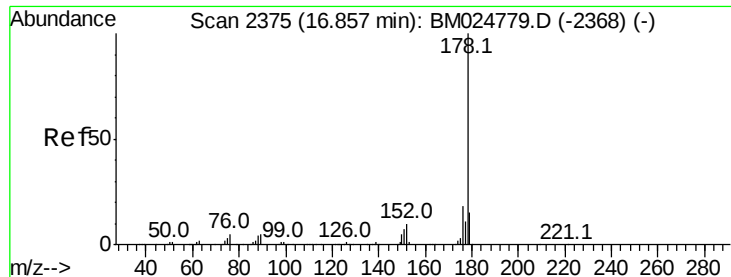
Instrument :
BNA_M
ClientSampled :
CB6G7

Quant Time: Feb 08 04:28:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 22:29:17 2020
Response via : Initial Calibration

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#70

Phenanthrene

Concen: 2.729 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM024781.D

Acq: 08 Feb 2020 03:41

Instrument :

BNA_M

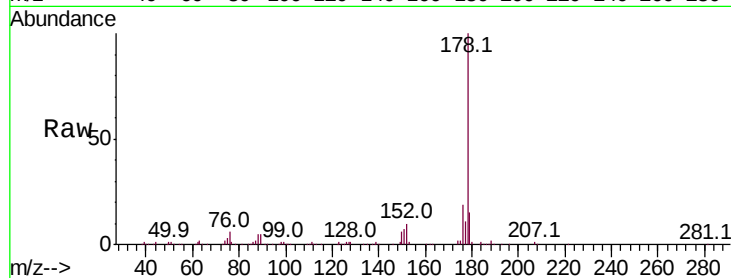
ClientSampleId :

CB6G7

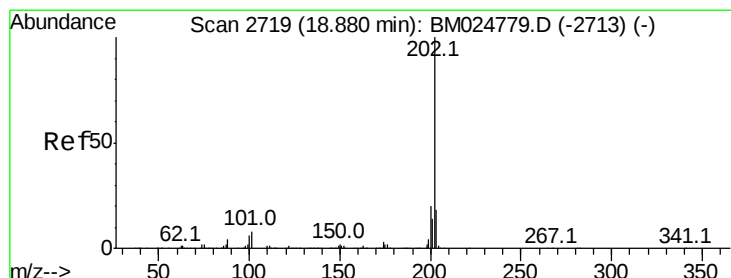
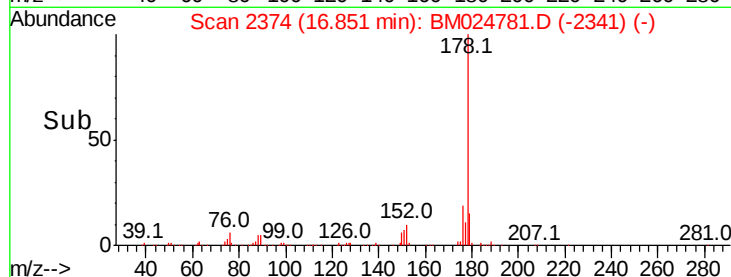
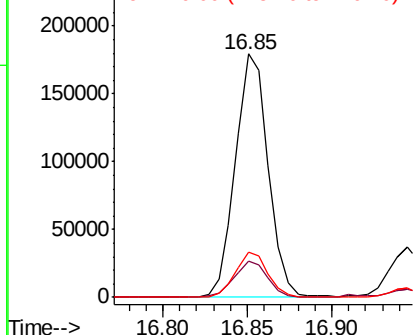
Tot Ion:	178	Resp:	240991
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.2	18.2
176	18.7	14.5	21.7

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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: 4.898 ng/ul

RT: 18.88 min Scan# 2719

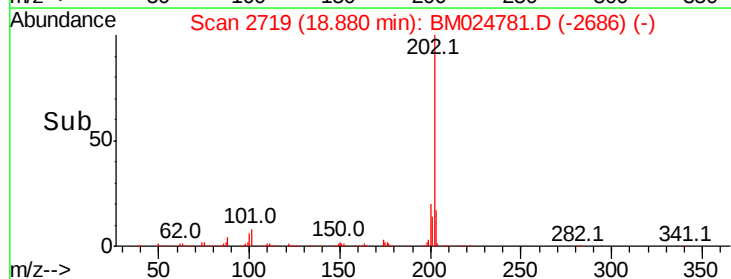
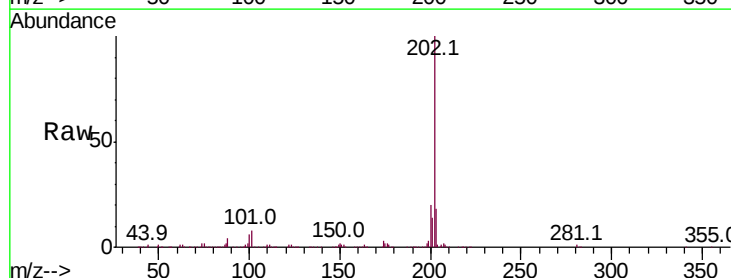
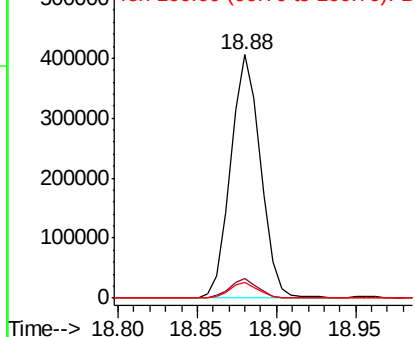
Delta R.T. -0.01 min

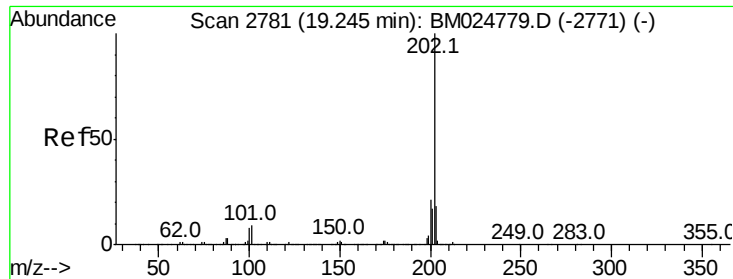
Lab File: BM024781.D

Acq: 08 Feb 2020 03:41

Tgt Ion:	202	Resp:	530844
Ion Ratio	Lower	Upper	
202	100		
101	7.9	6.1	9.1
100	6.5	4.8	7.2

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





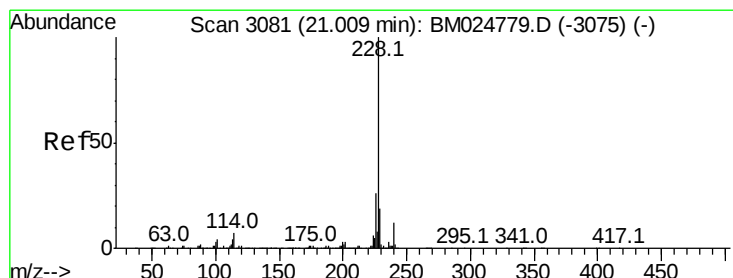
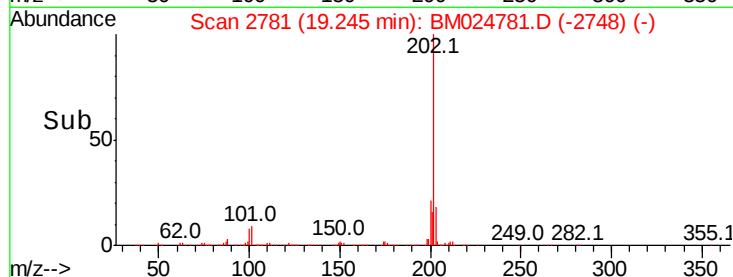
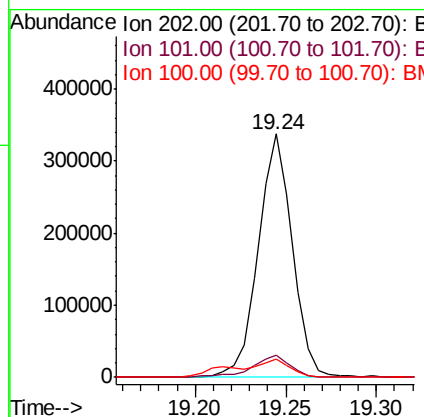
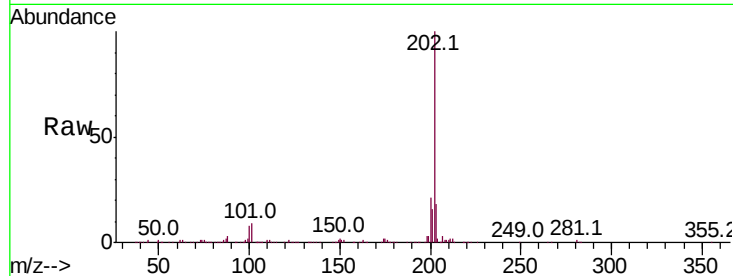
#80
Pvrene
Concen: 3.969 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024781.D
Acq: 08 Feb 2020 03:41

Instrument :
BNA_M
ClientSampleId :
CB6G7

Tot Ion:	202	Resp:	437295
Ion Ratio	Lower	Upper	
202	100		
101	9.0	7.0	10.4
100	7.6	5.8	8.8

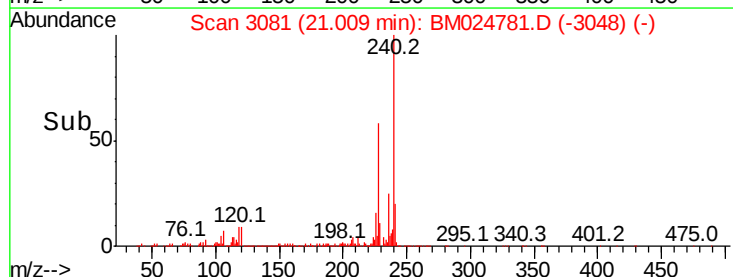
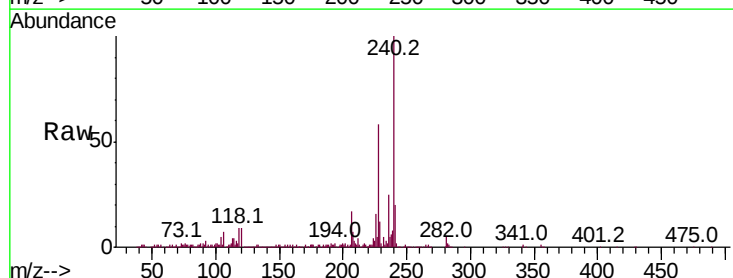
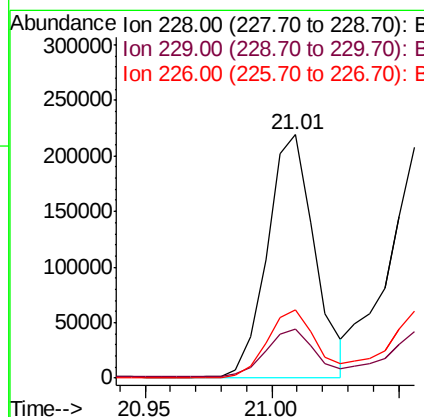
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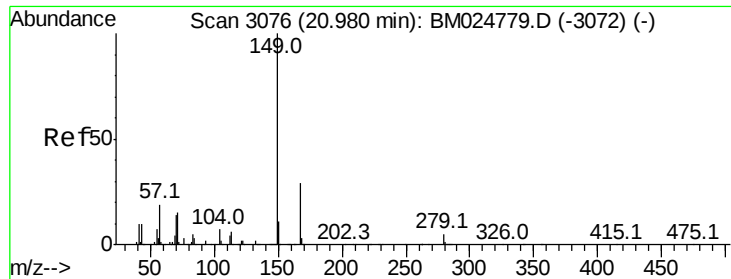
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#83
Benzo(a)anthracene
Concen: 2.523 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024781.D
Acq: 08 Feb 2020 03:41

Tgt Ion:	228	Resp:	282885
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.9	23.9
226	28.2	20.8	31.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 12.827 ng/ul

RT: 20.98 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM024781.D

Acq: 08 Feb 2020 03:41

Instrument :

BNA_M

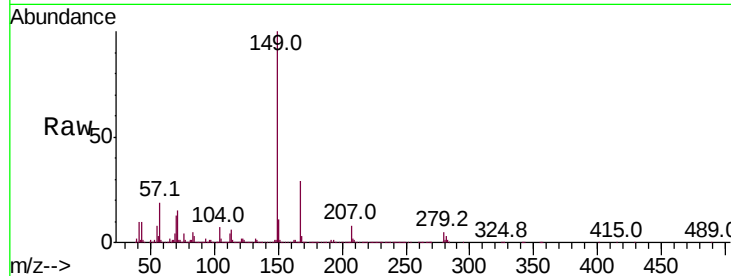
ClientSampled :

CB6G7

Tot Ion:	149	Resp:	836725
Ion Ratio	Lower	Upper	
149	100		
167	28.9	23.4	35.2
279	5.3	4.7	7.1

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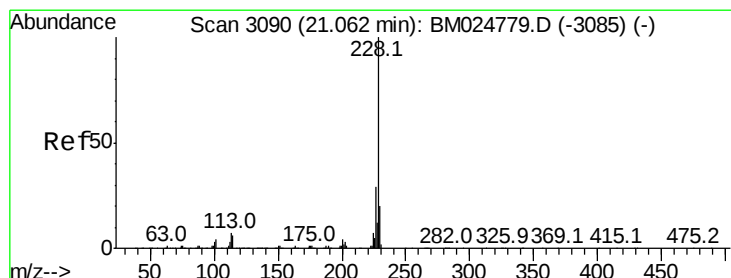
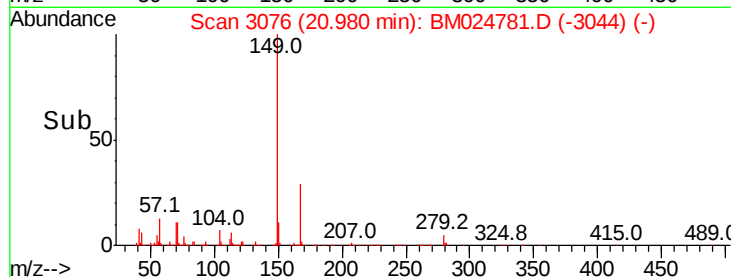
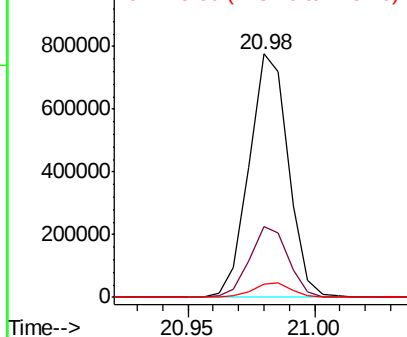


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 2.621 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024781.D

Acq: 08 Feb 2020 03:41

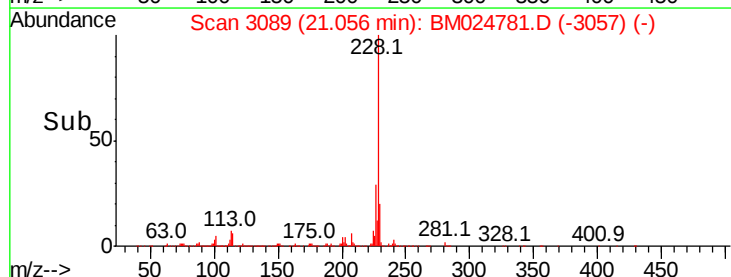
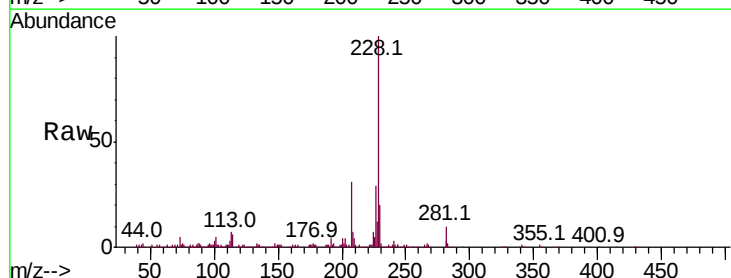
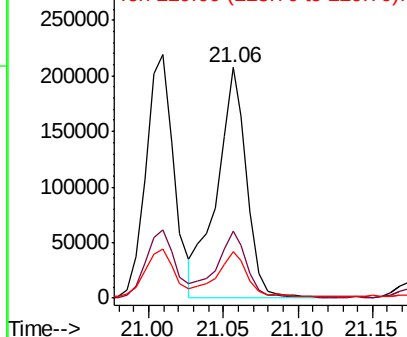
Tgt Ion:	228	Resp:	289257
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.0	34.4
229	20.2	15.8	23.8

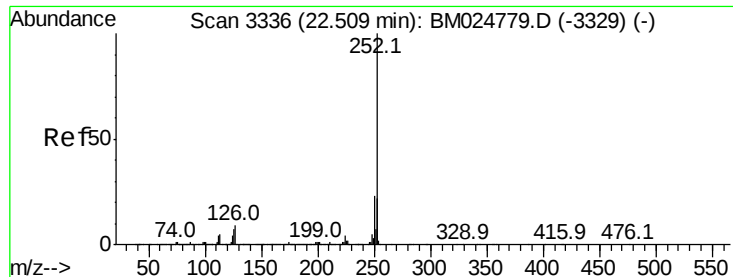
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





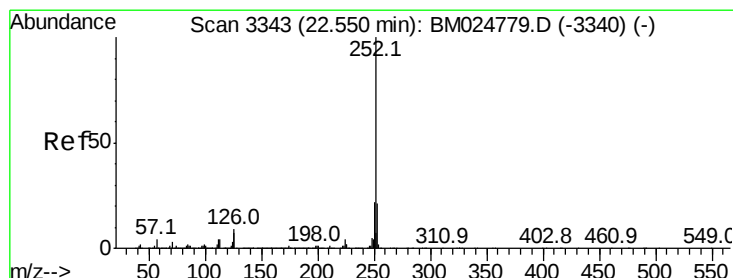
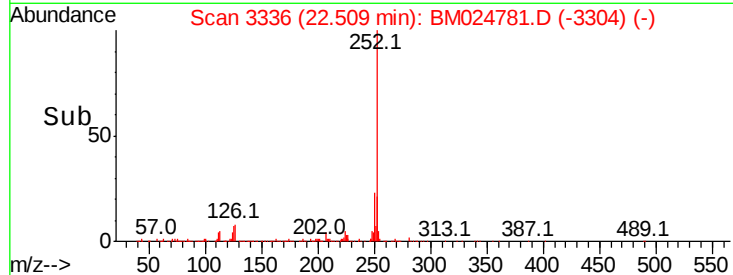
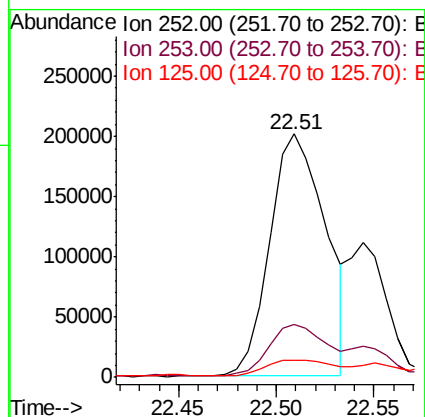
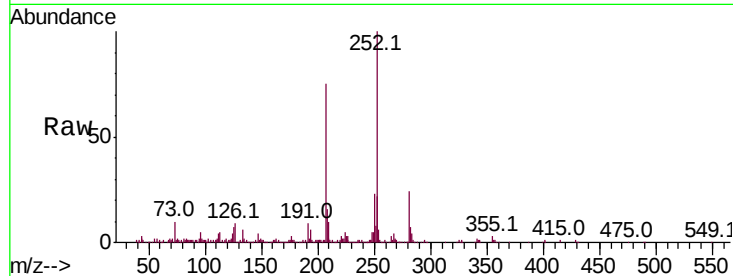
#88
Benzo(b)fluoranthene
Concen: 3.549 ng/ul
RT: 22.51 min Scan# 3336
Delta R.T. -0.01 min
Lab File: BM024781.D
Acq: 08 Feb 2020 03:41

Instrument :
BNA_M
ClientSampleId :
CB6G7

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	7.1	5.1	7.7

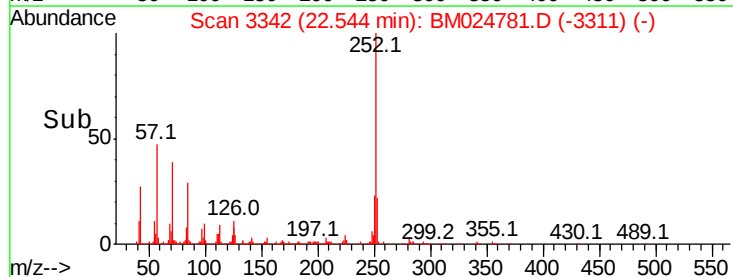
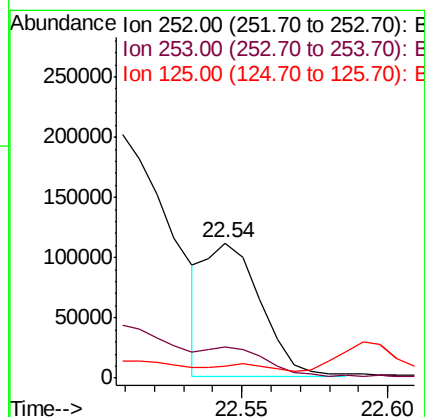
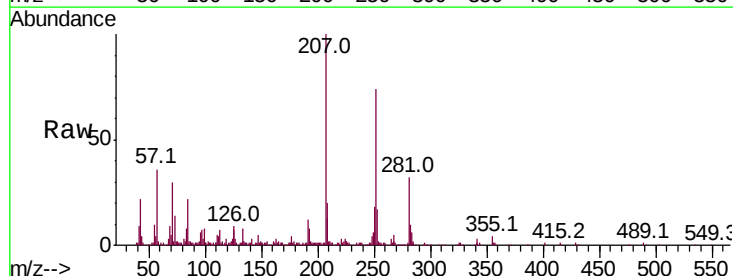
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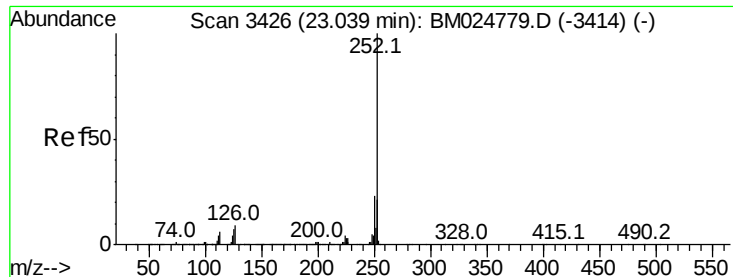
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#89
Benzo(k)fluoranthene
Concen: 1.364 ng/ul m
RT: 22.54 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BM024781.D
Acq: 08 Feb 2020 03:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	9.1	5.1	7.7#





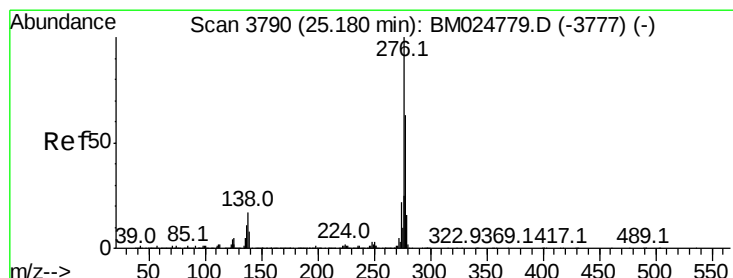
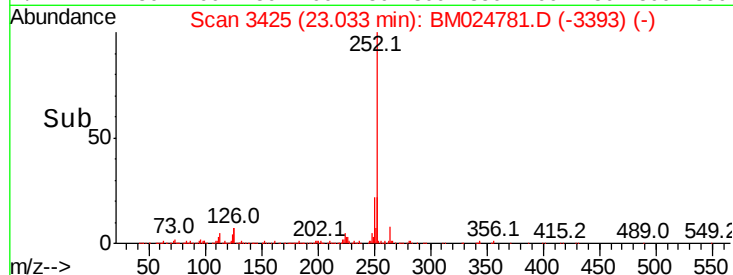
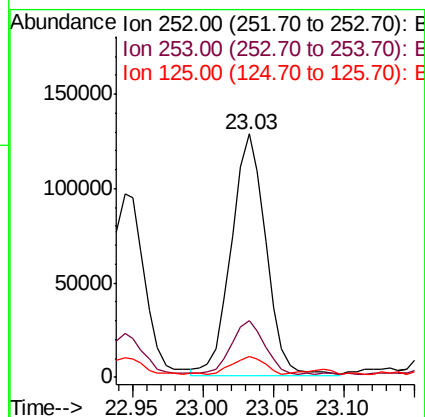
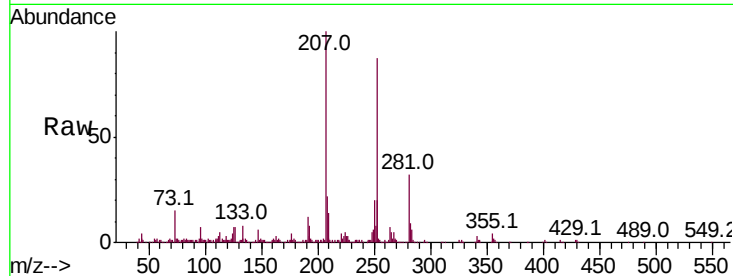
#91
Benzo(a)pyrene
Concen: 2.162 ng/ul
RT: 23.03 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BM024781.D
Acq: 08 Feb 2020 03:41

Instrument :
BNA_M
ClientSampleId :
CB6G7

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	17.5	26.3
125	8.5	5.6	8.4

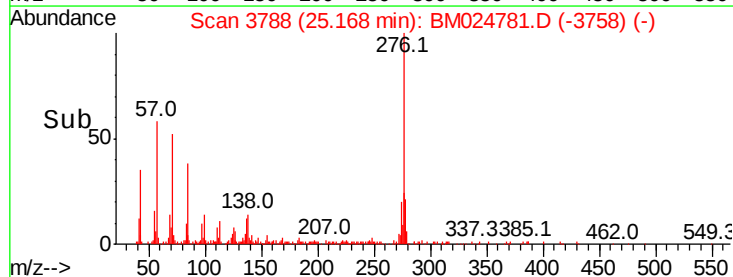
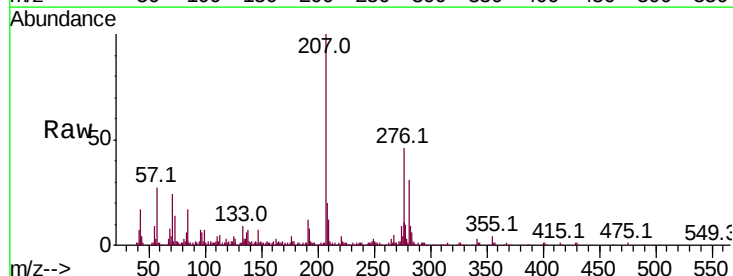
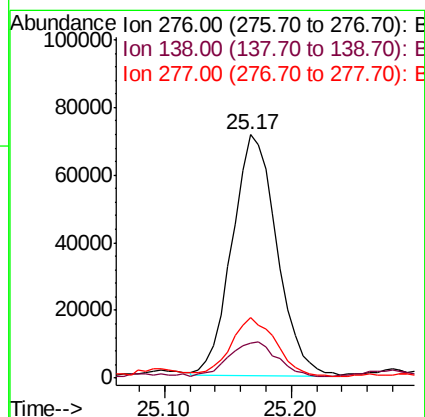
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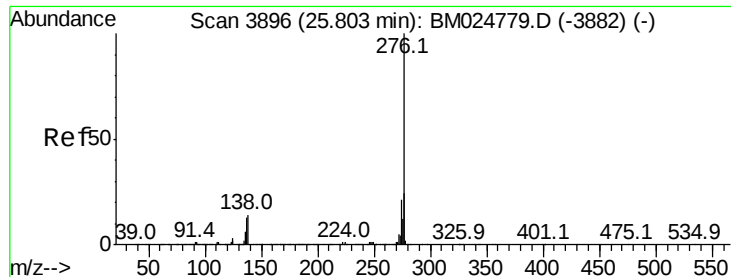
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.391 ng/ul
RT: 25.17 min Scan# 3788
Delta R.T. -0.02 min
Lab File: BM024781.D
Acq: 08 Feb 2020 03:41

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.3	12.8	19.2
277	24.8	19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 1.174 ng/ul

RT: 25.79 min Scan# 3894

Delta R.T. -0.02 min

Lab File: BM024781.D

Acq: 08 Feb 2020 03:41

Instrument :

BNA_M

ClientSampleId :

CB6G7

Tot Ion	Ratio	Resp	Lower	Upper
276	100	122531		
138	14.3		11.8	17.6
277	25.6		19.0	28.6

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