

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024785.D
 Acq On : 08 Feb 2020 06:04
 Operator : CG/JU
 Sample : L1400-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6H1

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:22:18 AM

Quant Time: Feb 10 00:25:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

2/11/2020 8:22:18 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	309151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1201224	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	795053	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1703734	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1671088	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1707643	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	22520	3.50	ng/uL	0.00
5) Phenol-d5	6.60	99	397219	19.34	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	254962	21.98	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	374975	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	338246	19.52	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	191715	22.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	226576	22.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	399554	19.30	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	490607	25.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1351684	22.52	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1467779	20.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	170498	17.48	ng/ul	0.00
58) Fluorene-d10	15.06	176	1128004	21.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	188298	16.96	ng/ul	0.00
71) Anthracene-d10	16.91	188	1630123	20.96	ng/ul	0.00
79) Pyrene-d10	19.22	212	1747293	20.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1744197	20.34	ng/ul	0.00

Target Compounds

					Ovalue
70) Phenanthrene	16.85	178	396249	4.266 ng/ul	98
77) Fluoranthene	18.88	202	635284	5.571 ng/ul	99
80) Pyrene	19.24	202	524941	4.746 ng/ul	100
83) Benzo(a)anthracene	21.01	228	303966	2.700 ng/ul	98
85) Chrysene	21.06	228	309322	2.791 ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	400989	3.693 ng/ul#	97
89) Benzo(k)fluoranthene	22.54	252	120710m	1.155 ng/ul	
91) Benzo(a)pyrene	23.03	252	232606	2.389 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.17	276	174693	1.441 ng/ul	99
94) Benzo(g,h,i)perylene	25.79	276	140455	1.393 ng/ul	96

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

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Misc :
ALS Vial : 64 Sample Multiplier: 1

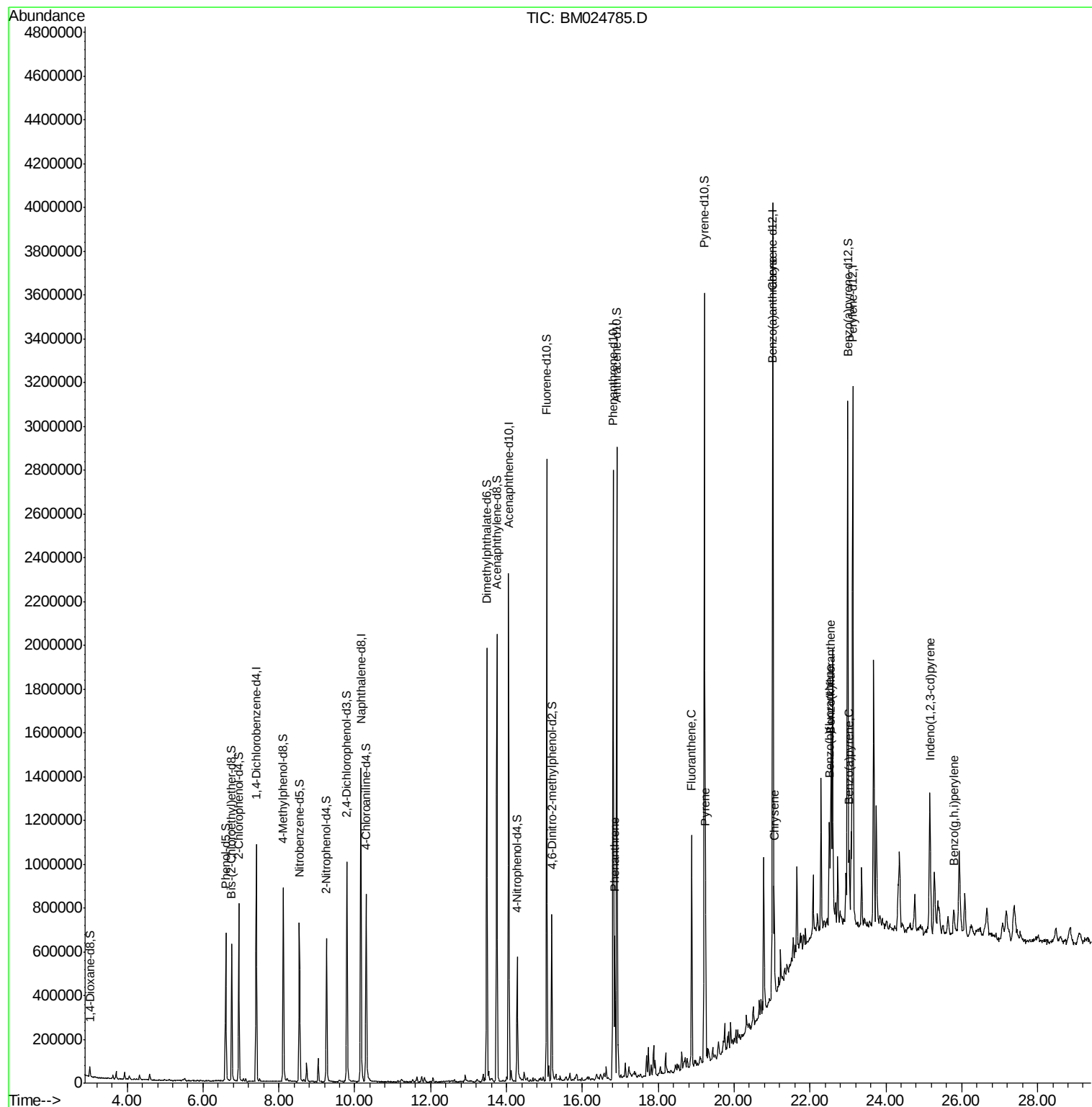
Instrument :
BNA_M
ClientSampleId :
CB6H1

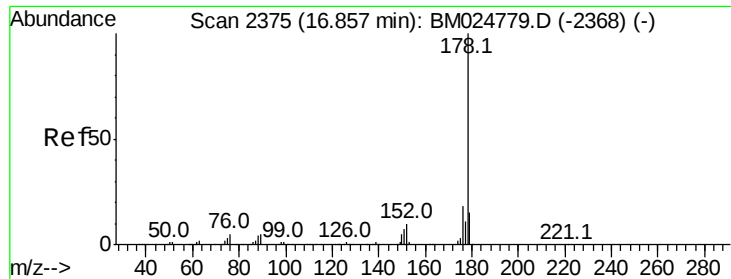
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
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#70
Phenanthrene
Concen: 4.266 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM024785.D
Acq: 08 Feb 2020 06:04

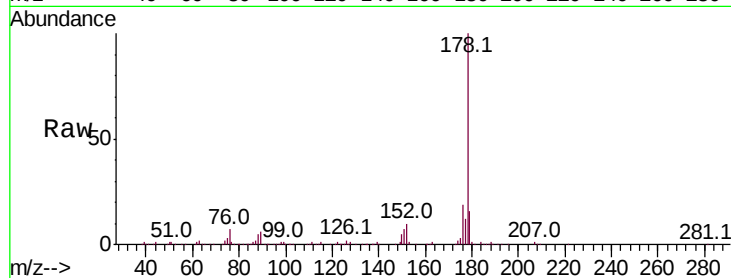
Instrument :
BNA_M
ClientSampleId :
CB6H1

Tot Ion:178	Resp:	396249
Ion Ratio	Lower	Upper
178 100		
179 16.3	12.2	18.2
176 18.8	14.5	21.7

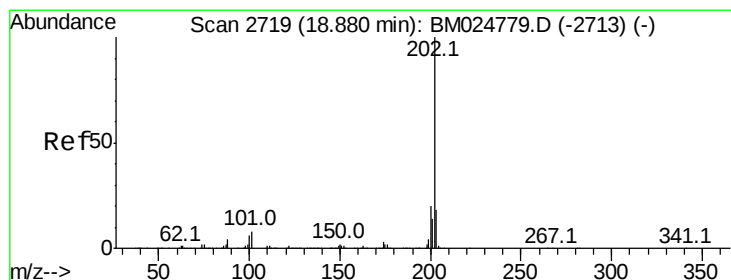
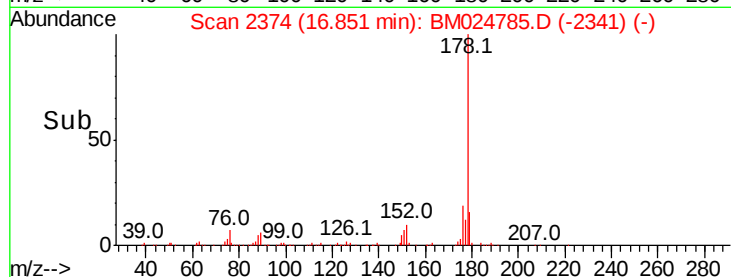
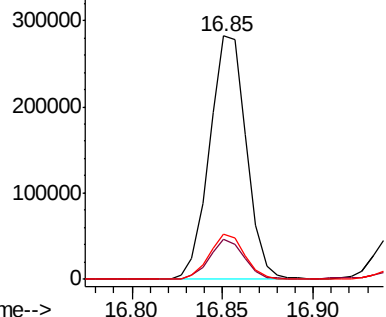
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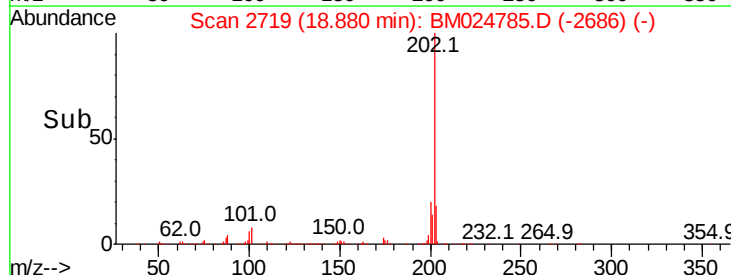
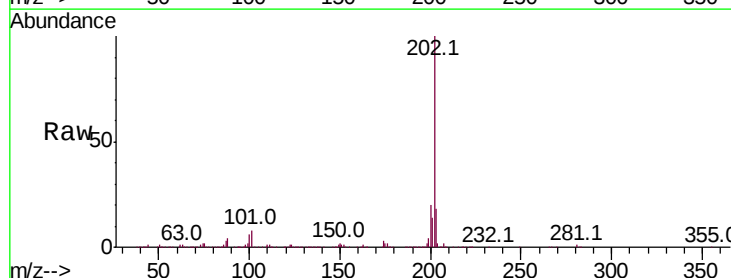
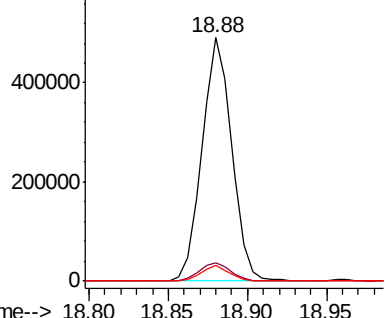
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

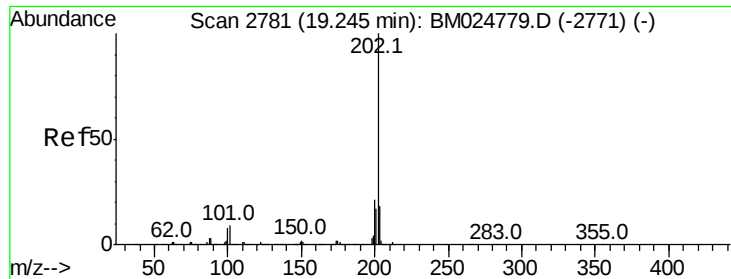


#77
Fluoranthene
Concen: 5.571 ng/ul
RT: 18.88 min Scan# 2719
Delta R.T. -0.01 min
Lab File: BM024785.D
Acq: 08 Feb 2020 06:04

Tgt Ion:202	Resp:	635284
Ion Ratio	Lower	Upper
202 100		
101 7.7	6.1	9.1
100 6.4	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): E





#80
Pvrene
Concen: 4.746 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024785.D
Acq: 08 Feb 2020 06:04

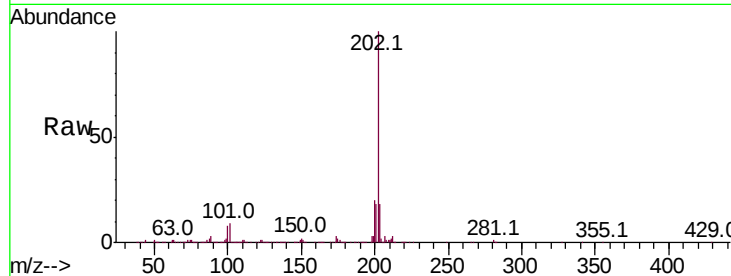
Instrument :
BNA_M
ClientSampleId :
CB6H1

Tot Ion:	202	Resp:	524941
Ion Ratio	Lower	Upper	
202	100		
101	8.8	7.0	10.4
100	7.5	5.8	8.8

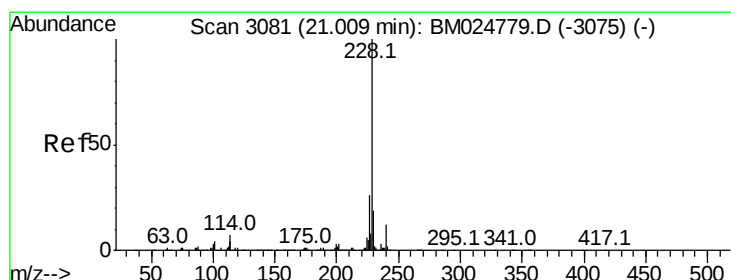
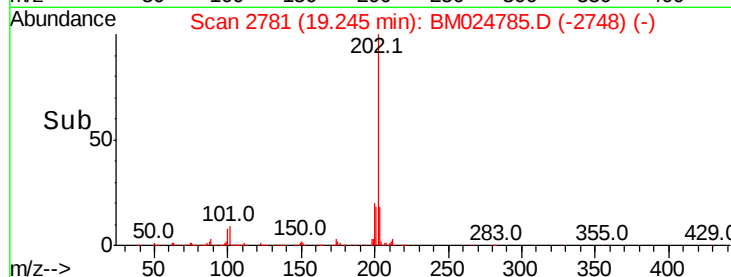
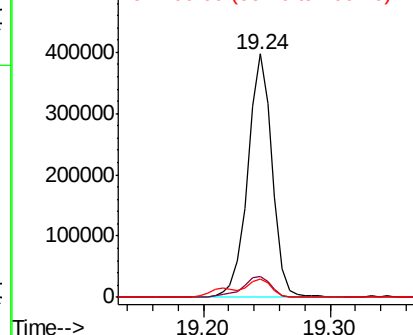
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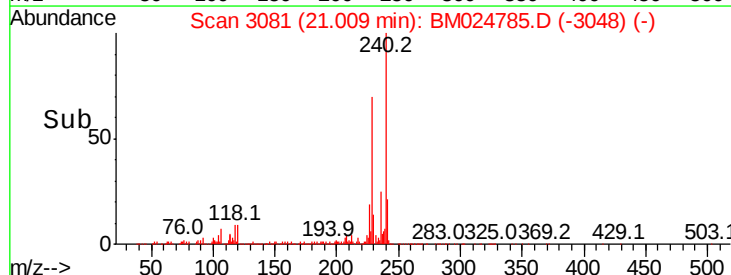
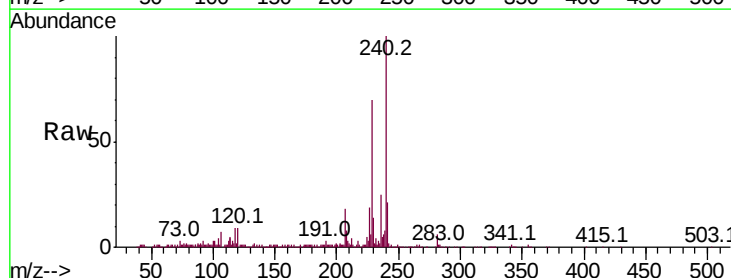
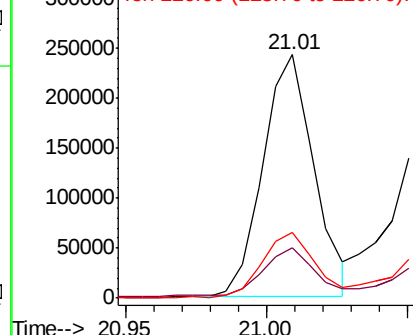
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

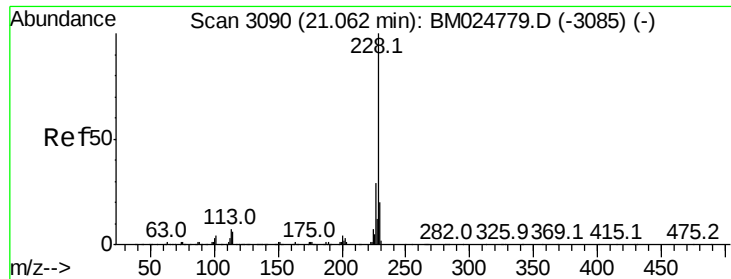


#83
Benzo(a)anthracene
Concen: 2.700 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024785.D
Acq: 08 Feb 2020 06:04

Tgt Ion:	228	Resp:	303966
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.9	23.9
226	27.2	20.8	31.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 2.791 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024785.D

Acq: 08 Feb 2020 06:04

Instrument :

BNA_M

ClientSampleId :

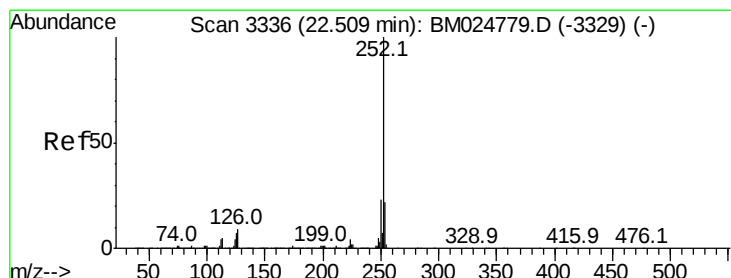
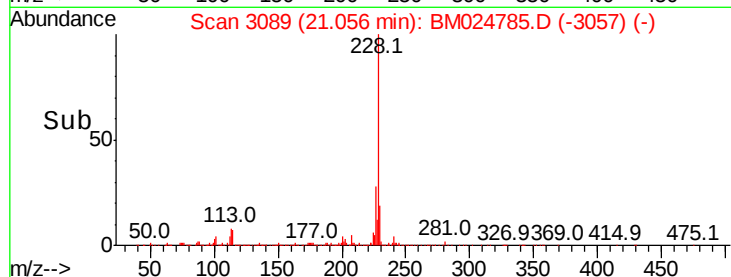
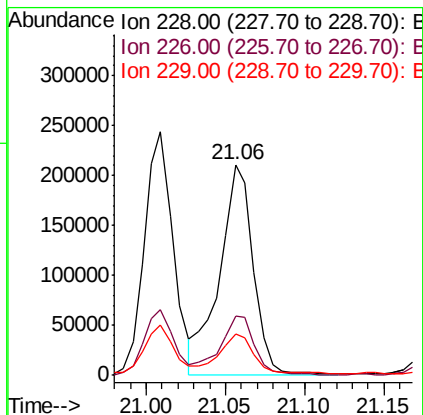
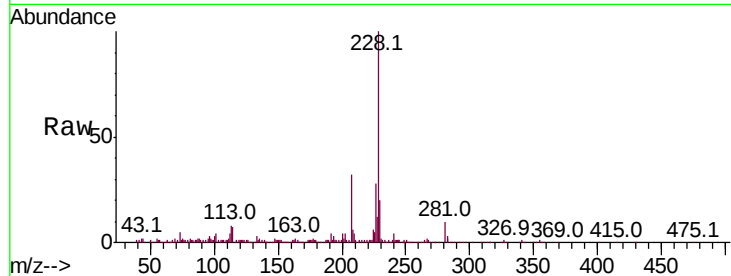
CB6H1

Tot Ion:	228	Resp:	309322
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.0	34.4
229	19.6	15.8	23.8

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#88

Benzo(b)fluoranthene

Concen: 3.693 ng/ul

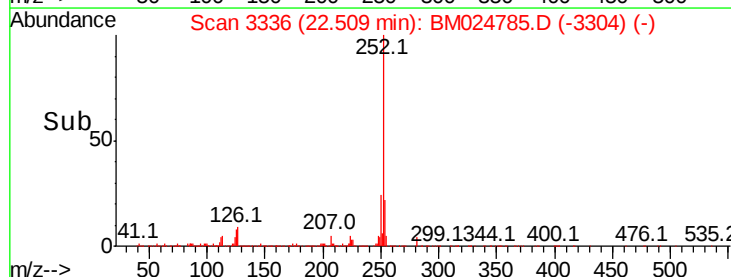
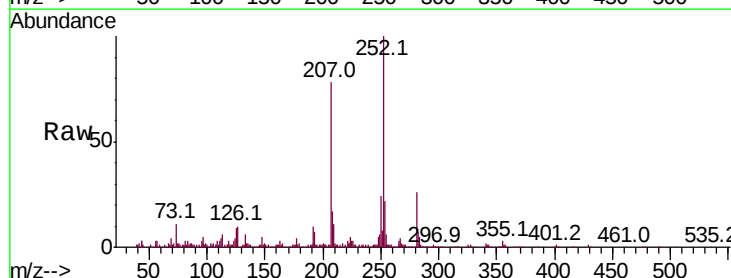
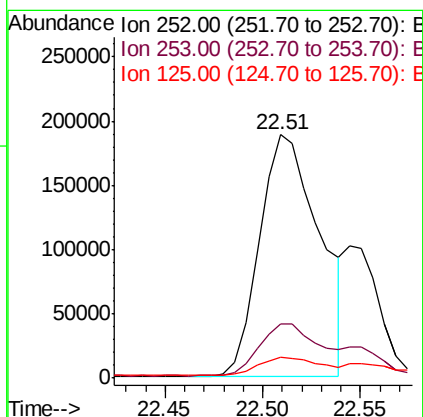
RT: 22.51 min Scan# 3336

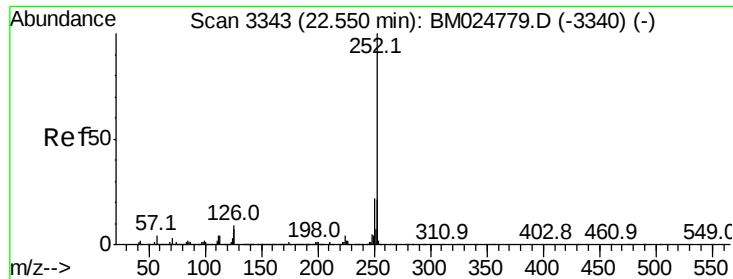
Delta R.T. -0.01 min

Lab File: BM024785.D

Acq: 08 Feb 2020 06:04

Tgt Ion:	252	Resp:	400989
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	8.7	5.1	7.7#





#89
Benzo(k)fluoranthene
Concen: 1.155 ng/ul m
RT: 22.54 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BM024785.D
Acq: 08 Feb 2020 06:04

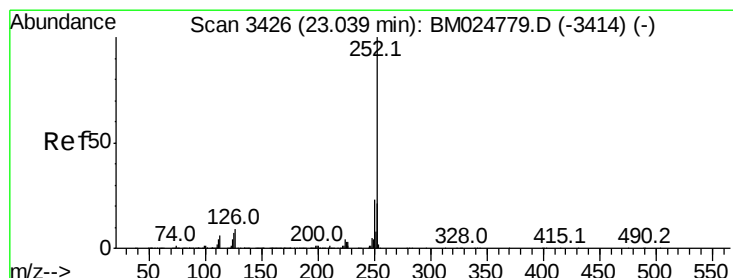
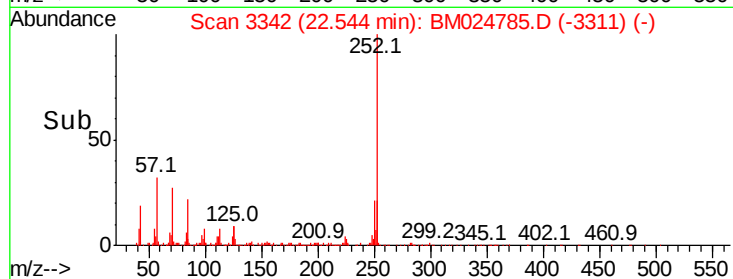
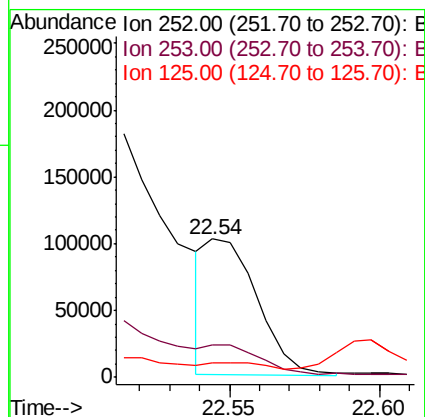
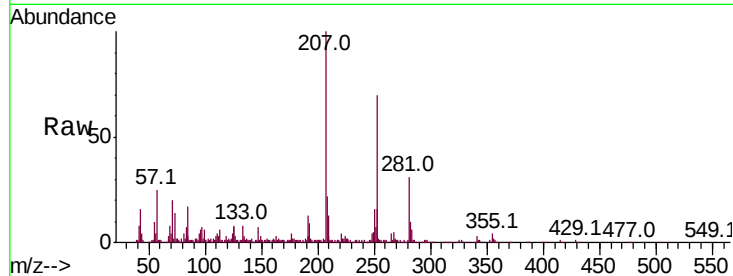
Instrument :
BNA_M
ClientSampled :
CB6H1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	10.8	5.1	7.7#

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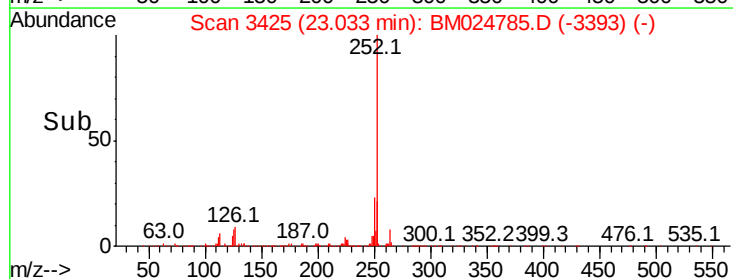
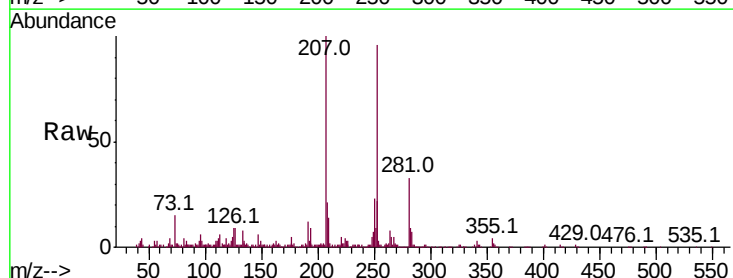
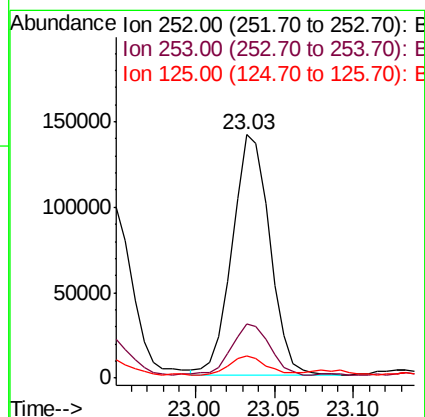
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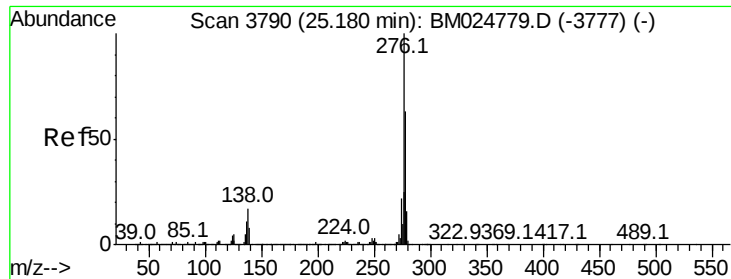
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#91
Benzo(a)pyrene
Concen: 2.389 ng/ul
RT: 23.03 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BM024785.D
Acq: 08 Feb 2020 06:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.9	5.6	8.4#





#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.441 ng/ul
 RT: 25.17 min Scan# 3789
 Delta R.T. -0.02 min
 Lab File: BM024785.D
 Acq: 08 Feb 2020 06:04

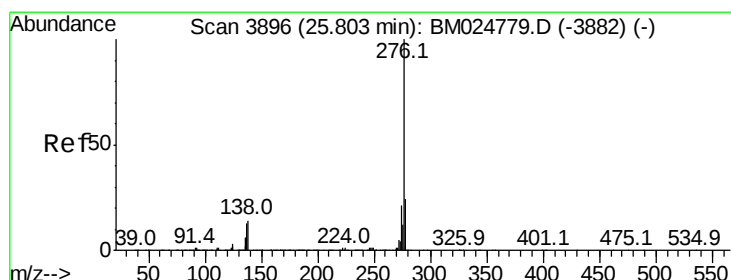
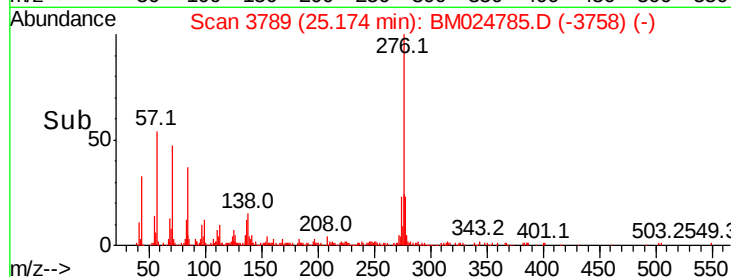
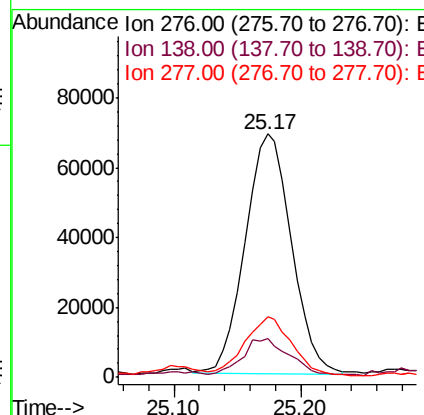
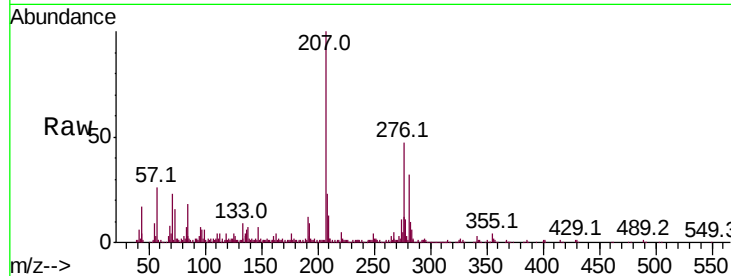
Instrument :
 BNA_M
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Tot Ion:	276	Resp:	174693
Ion Ratio	Lower	Upper	
276	100		
138	15.9	12.8	19.2
277	24.8	19.3	28.9

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 1.393 ng/ul
 RT: 25.79 min Scan# 3894
 Delta R.T. -0.02 min
 Lab File: BM024785.D
 Acq: 08 Feb 2020 06:04

Tgt Ion:	276	Resp:	140455
Ion Ratio	Lower	Upper	
276	100		
138	17.6	11.8	17.6
277	22.5	19.0	28.6

