

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024825.D
 Acq On : 11 Feb 2020 01:17
 Operator : CG/JU
 Sample : L1402-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6W2

Manual Integrations
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 2/12/2020 9:50:46 AM

Quant Time: Feb 11 05:00:39 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	285347	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.16	136	1088785	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	694315	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1440983	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1462151	20.00	ng/ul	-0.01
86) Perylene-d12	23.12	264	1575185	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	15115	2.55	ng/uL	0.00
5) Phenol-d5	6.60	99	313056	16.52	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	174010	16.25	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.94	132	280359	16.51	ng/ul	-0.01
13) 4-Methylphenol-d8	8.12	113	245341	15.34	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	127201	16.16	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	149132	16.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	294160	15.67	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	289810	16.51	ng/ul	-0.01
44) Dimethylphthalate-d6	13.48	166	885942	16.90	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1042379	17.03	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	101563	11.93	ng/ul	0.00
58) Fluorene-d10	15.06	176	766121	16.51	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	102121	10.87	ng/ul	0.00
71) Anthracene-d10	16.90	188	1094522	16.64	ng/ul	-0.01
79) Pyrene-d10	19.22	212	1313966	17.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1410341	17.83	ng/ul	-0.01

Target Compounds				Ovalue		
45) Dimethylphthalate	13.53	163	61620	1.127	ng/ul	96
70) Phenanthrene	16.85	178	382832	4.873	ng/ul	99
77) Fluoranthene	18.88	202	654454	6.785	ng/ul	100
80) Pyrene	19.24	202	571026	5.900	ng/ul	99
83) Benzo(a)anthracene	21.00	228	316518	3.214	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.98	149	354692	6.190	ng/ul	99
85) Chrysene	21.06	228	328023	3.383	ng/ul	99
88) Benzo(b)fluoranthene	22.50	252	468656	4.679	ng/ul	97
89) Benzo(k)fluoranthene	22.54	252	143802m	1.492	ng/ul	
91) Benzo(a)pyrene	23.03	252	292222	3.254	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	225181	2.014	ng/ul	99
94) Benzo(g,h,i)perylene	25.79	276	197914	2.129	ng/ul	98

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

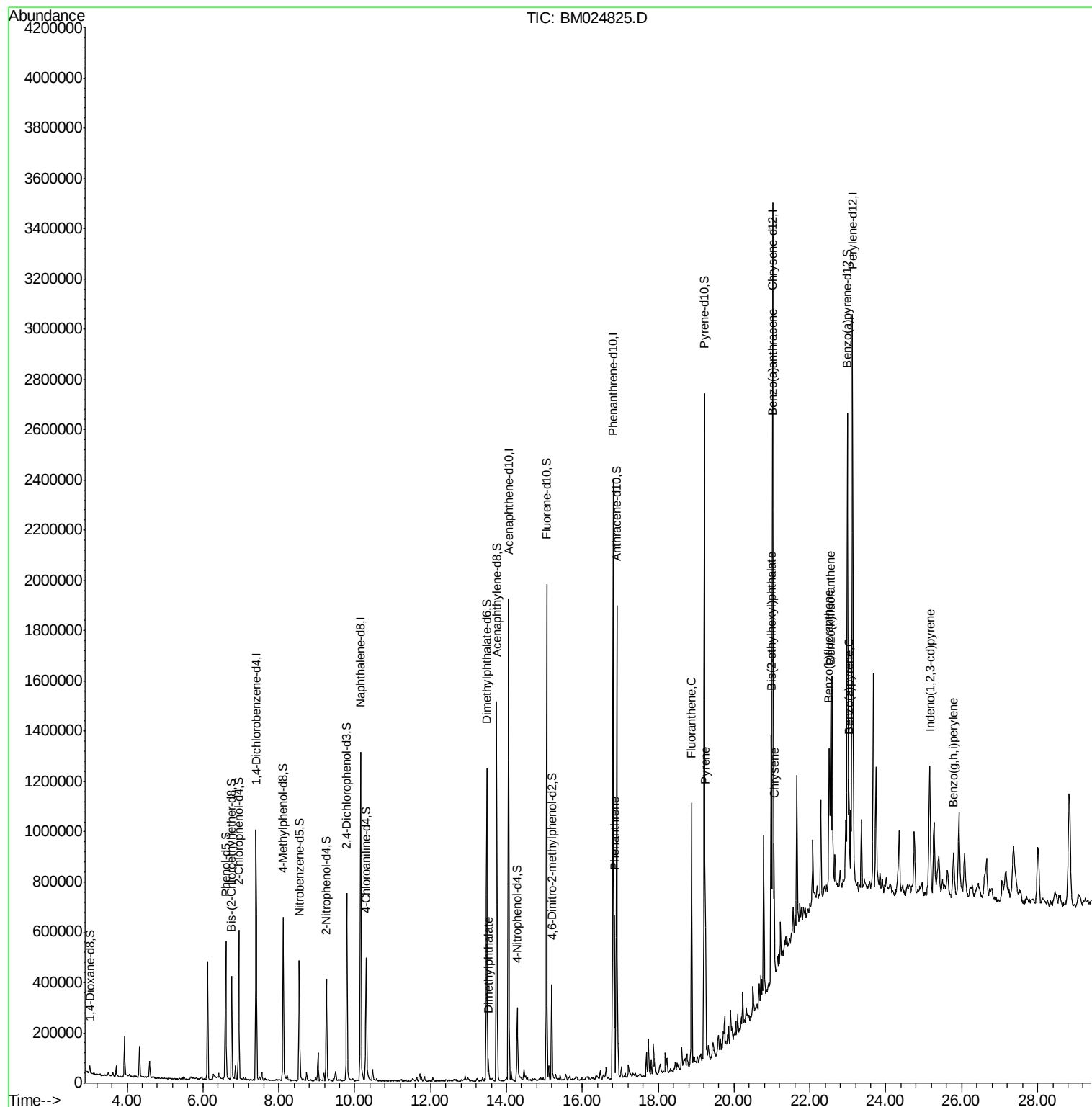
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024825.D
Acq On : 11 Feb 2020 01:17
Operator : CG/JU
Sample : L1402-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

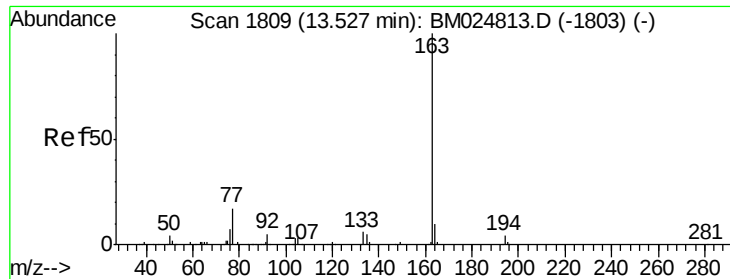
Instrument :
BNA_M
ClientSampleId :
CB6W2

Quant Time: Feb 11 05:00:39 2020
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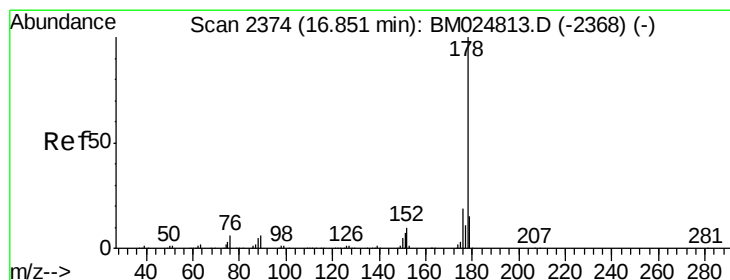
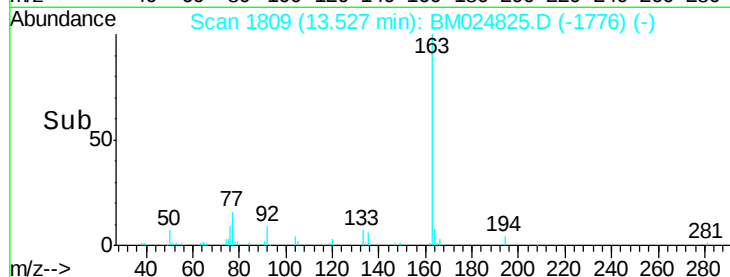
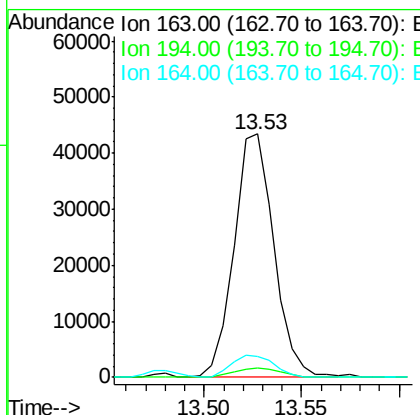
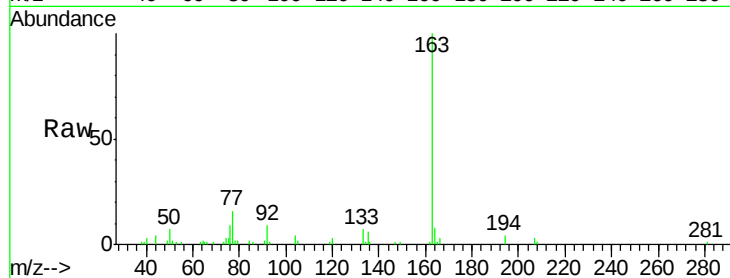
#45
Dimethylphthalate
Concen: 1.127 ng/ul
RT: 13.53 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BM024825.D
Acq: 11 Feb 2020 01:17

Instrument :
BNA_M
ClientSampleId :
CB6W2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	8.4	8.2	12.2

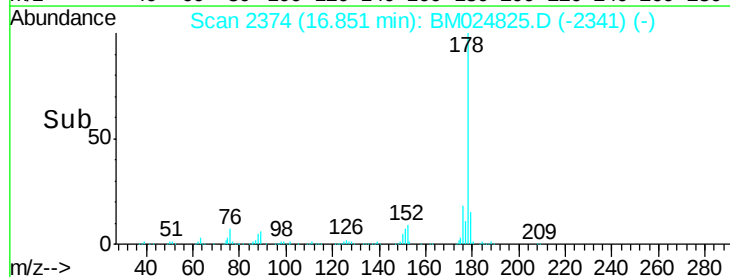
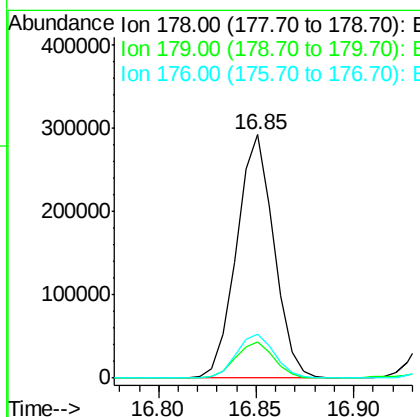
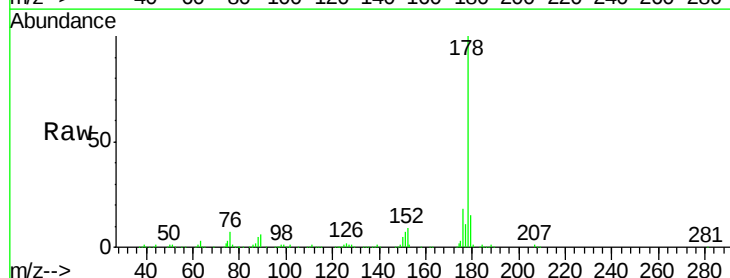
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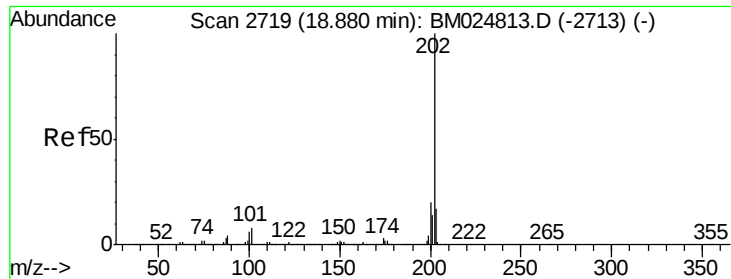
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#70
Phenanthrene
Concen: 4.873 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM024825.D
Acq: 11 Feb 2020 01:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.2
176	18.0	14.5	21.7





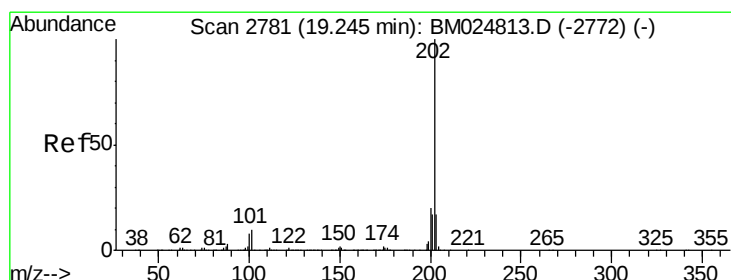
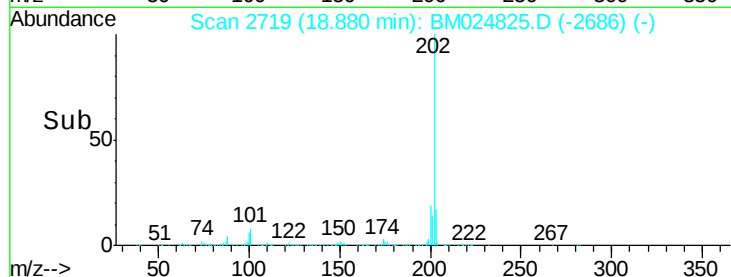
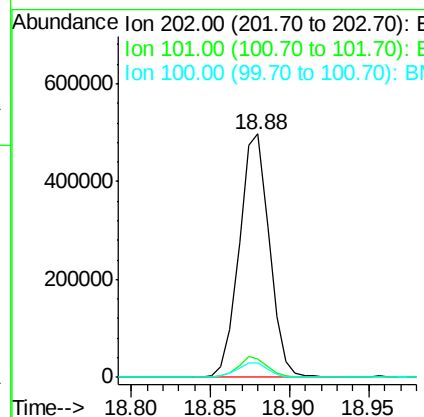
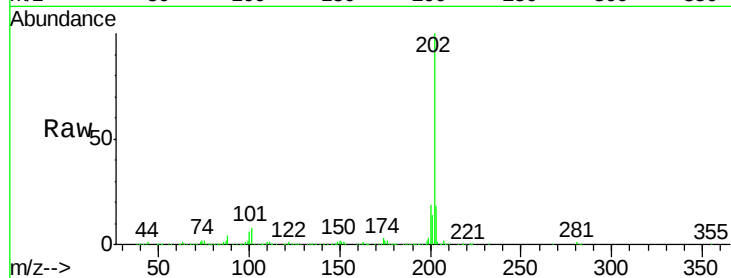
#77
 Fluoranthene
 Concen: 6.785 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. -0.01 min
 Lab File: BM024825.D
 Acq: 11 Feb 2020 01:17

Instrument :
 BNA_M
 ClientSampleId :
 CB6W2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		654454		
101	7.8	6.1	9.1		
100	5.9	4.8	7.2		

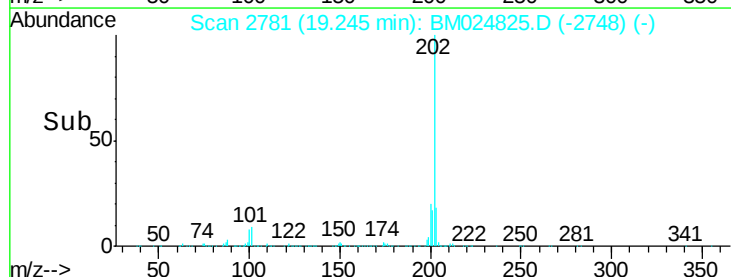
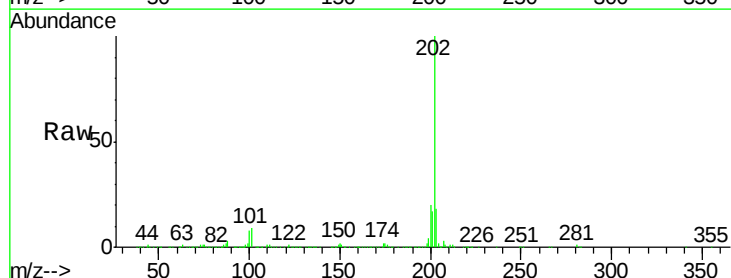
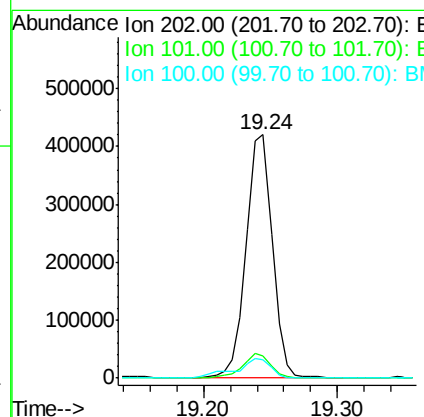
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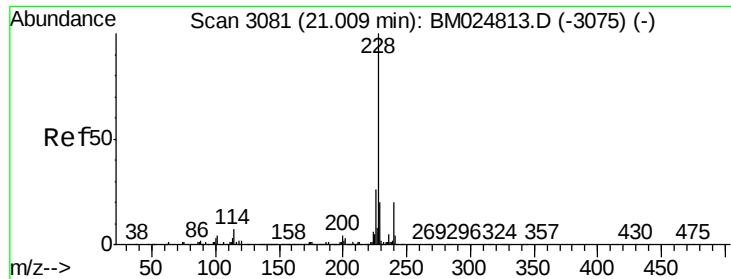
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#80
 Pyrene
 Concen: 5.900 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024825.D
 Acq: 11 Feb 2020 01:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		571026		
101	9.0	7.0	10.4		
100	7.7	5.8	8.8		





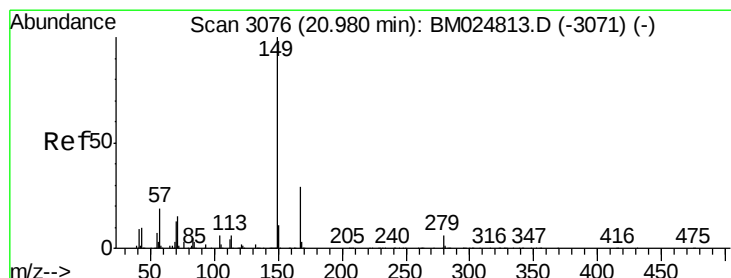
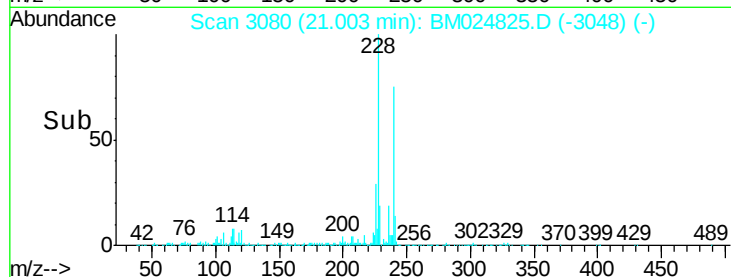
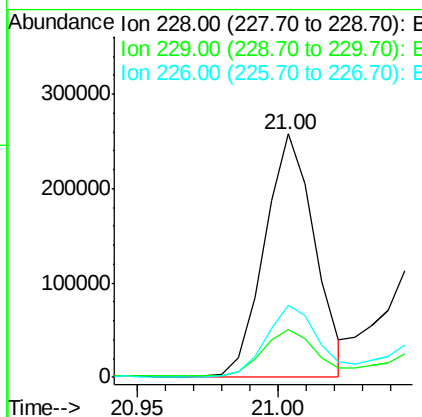
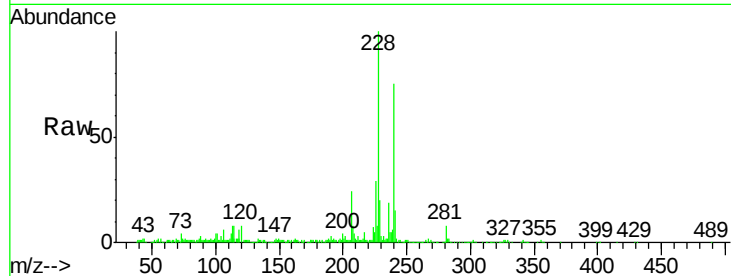
#83
Benzo(a)anthracene
Concen: 3.214 ng/ul
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM024825.D
Acq: 11 Feb 2020 01:17

Instrument :
BNA_M
ClientSampleId :
CB6W2

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	29.4	20.8	31.2

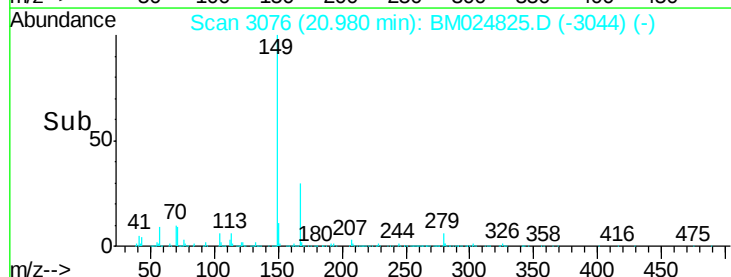
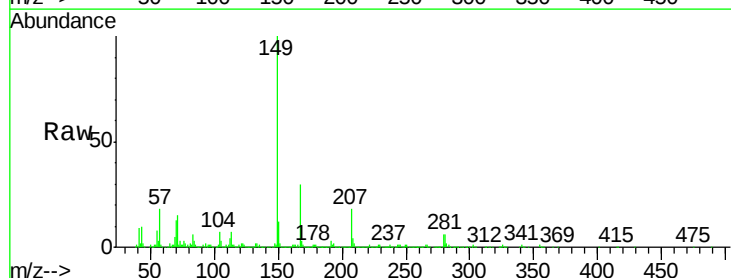
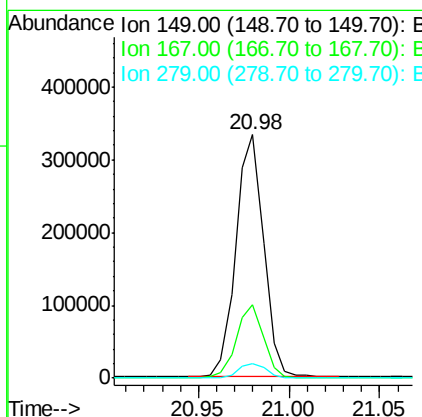
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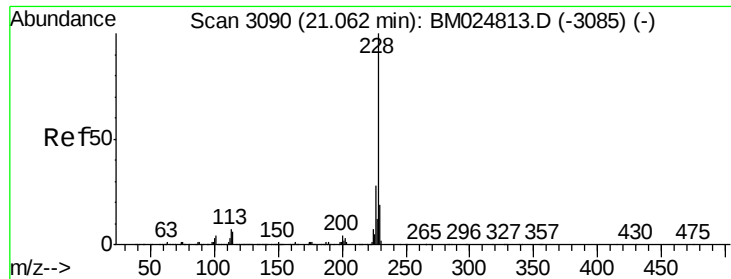
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#84
Bis(2-ethylhexyl)phthalate
Concen: 6.190 ng/ul
RT: 20.98 min Scan# 3076
Delta R.T. -0.01 min
Lab File: BM024825.D
Acq: 11 Feb 2020 01:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.4	35.2
279	6.0	4.7	7.1





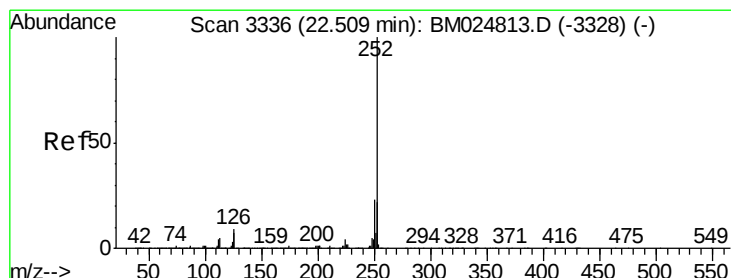
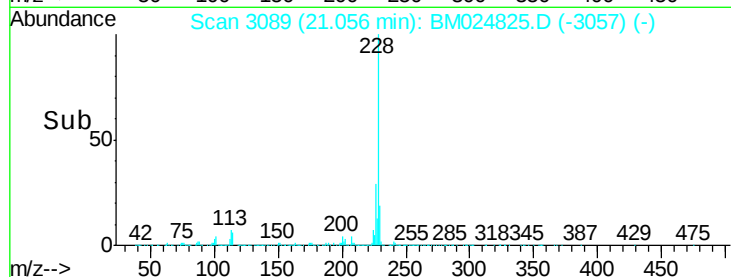
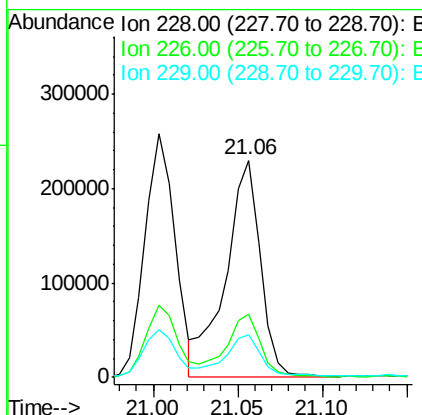
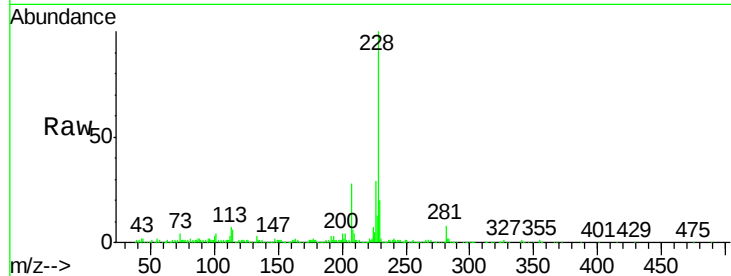
#85
Chrysene
Concen: 3.383 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024825.D
Acq: 11 Feb 2020 01:17

Instrument :
BNA_M
ClientSampleId :
CB6W2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.4
229	19.9	15.8	23.8

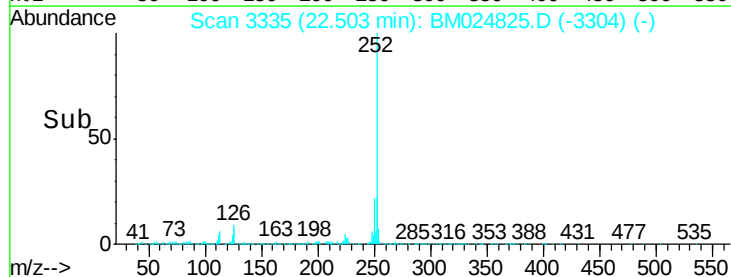
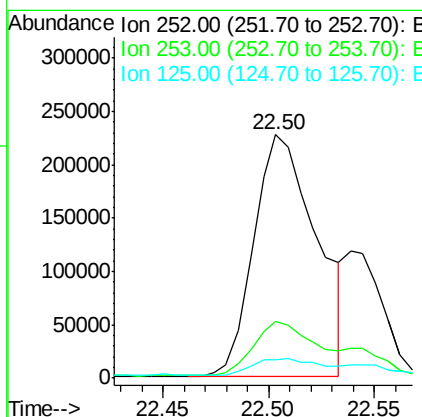
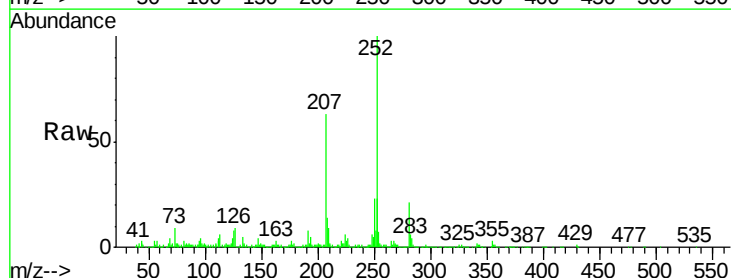
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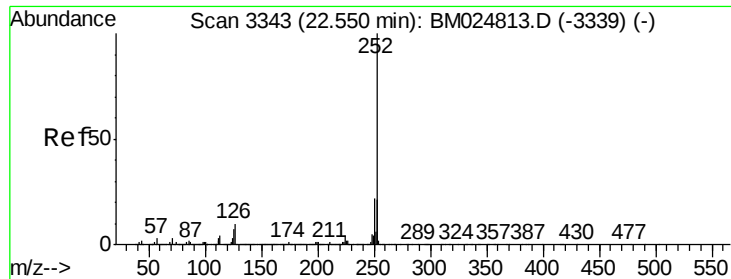
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#88
Benzo(b)fluoranthene
Concen: 4.679 ng/ul
RT: 22.50 min Scan# 3335
Delta R.T. -0.02 min
Lab File: BM024825.D
Acq: 11 Feb 2020 01:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	7.6	5.1	7.7





#89

Benzo(k)fluoranthene

Concen: 1.492 ng/ul

RT: 22.54 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BM024825.D

Acq: 11 Feb 2020 01:17

Instrument :

BNA_M

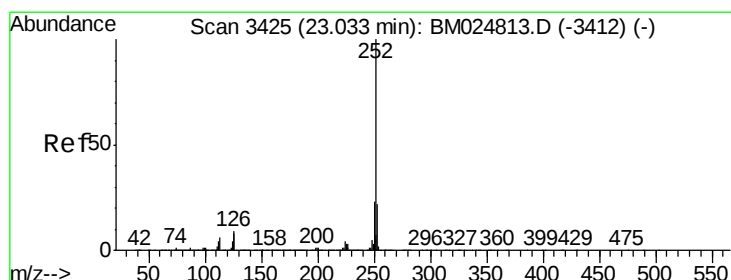
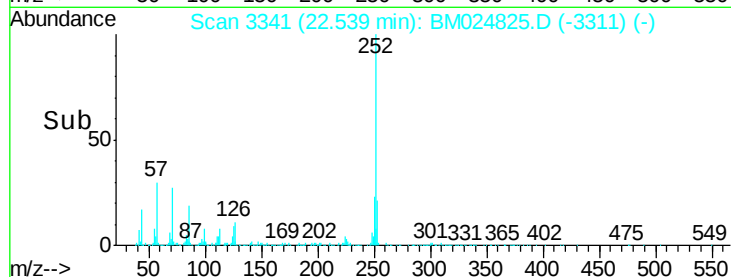
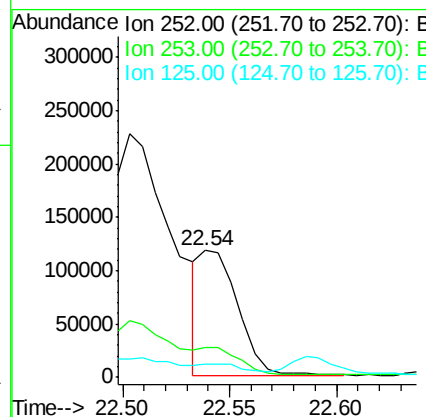
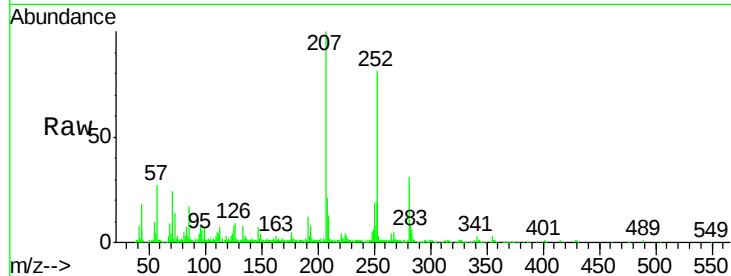
ClientSampleId :

CB6W2

Tot Ion:	252	Resp:	143802
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.0
125	10.4	5.1	7.7#

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#91

Benzo(a)pyrene

Concen: 3.254 ng/ul

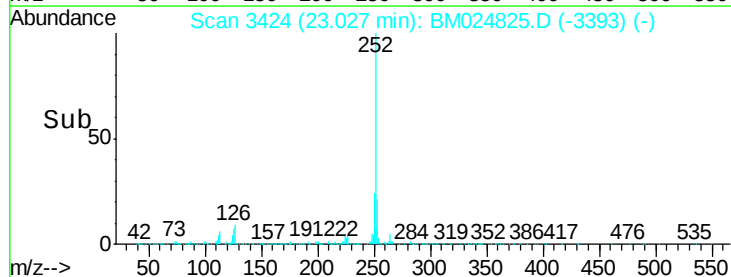
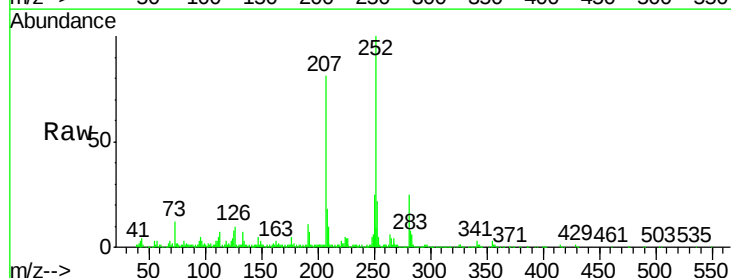
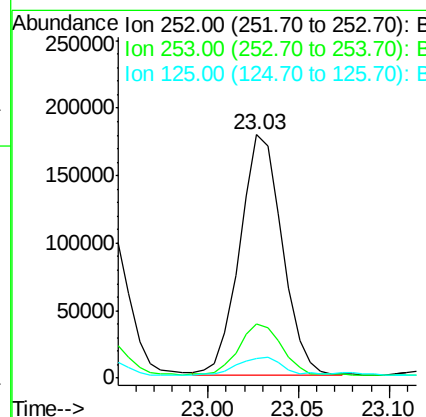
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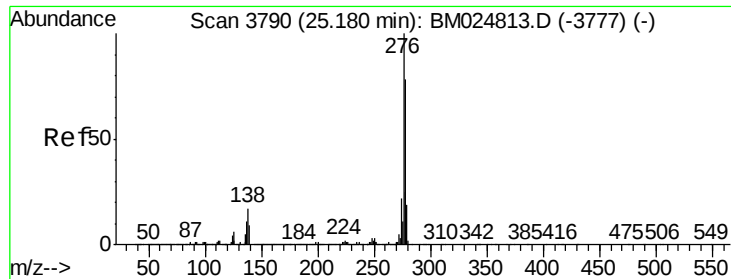
Delta R.T. -0.02 min

Lab File: BM024825.D

Acq: 11 Feb 2020 01:17

Tgt Ion:	252	Resp:	292222
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	8.1	5.6	8.4





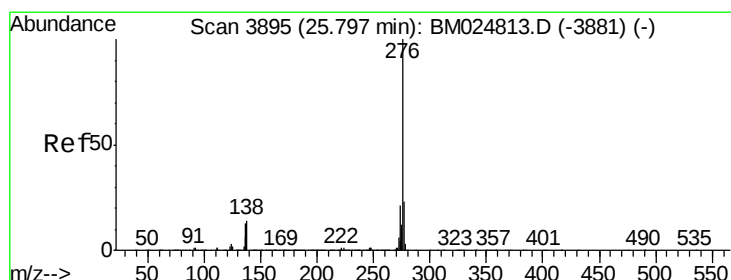
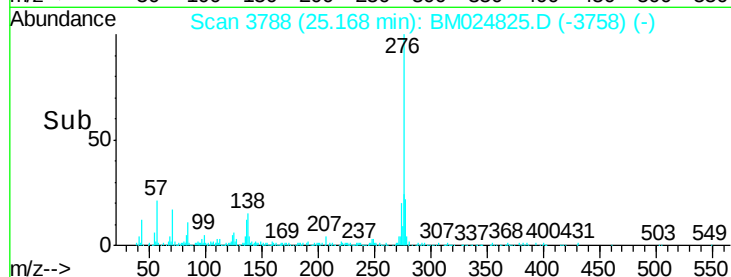
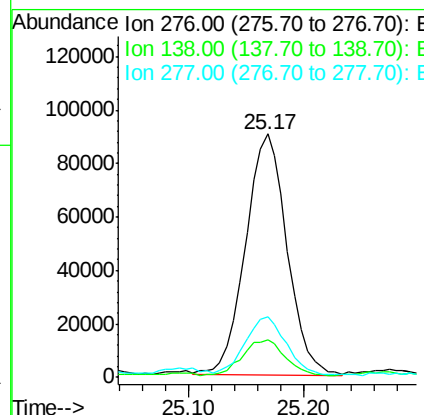
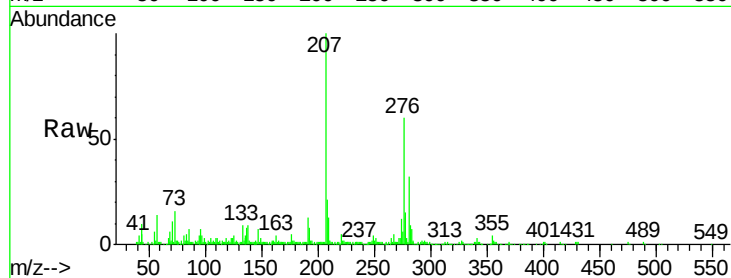
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.014 ng/ul
 RT: 25.17 min Scan# 3788
 Delta R.T. -0.02 min
 Lab File: BM024825.D
 Acq: 11 Feb 2020 01:17

Instrument :
 BNA_M
 ClientSampleId :
 CB6W2

Tot Ion:	276	Resp:	225181
Ion Ratio	Lower	Upper	
276	100		
138	15.6	12.8	19.2
277	24.6	19.3	28.9

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#94
 Benzo(g,h,i)perylene
 Concen: 2.129 ng/ul
 RT: 25.79 min Scan# 3893
 Delta R.T. -0.03 min
 Lab File: BM024825.D
 Acq: 11 Feb 2020 01:17

Tgt Ion:	276	Resp:	197914
Ion Ratio	Lower	Upper	
276	100		
138	16.0	11.8	17.6
277	24.3	19.0	28.6

