

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
 Data File : BM024041.D
 Acq On : 11 Dec 2019 19:40
 Operator : JU
 Sample : K6088-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BM9

Manual Integrations
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mohammad
 12/12/2019 11:25:55 AM

Quant Time: Dec 12 03:49:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 07 04:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	414975	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1767781	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	1105297	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	2168652	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1616062	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	1881157	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	33336	3.57	ng/uL	0.00
5) Phenol-d5	6.66	99	662039	18.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	432918	20.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	534197	19.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	534025	18.61	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	264927	19.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	291110	18.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	526244	17.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	479825	14.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1782613	20.76	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	2115907	21.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	177975	12.33	ng/ul	0.00
58) Fluorene-d10	15.13	176	1546728	21.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	203292	14.93	ng/ul	0.00
71) Anthracene-d10	16.99	188	2179788	21.05	ng/ul	0.00
79) Pyrene-d10	19.29	212	2102994	25.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2172667	21.85	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.69	94	67349	1.800	ng/ul 96
28) Naphthalene	10.29	128	133526	1.433	ng/ul 99
34) 2-Methylnaphthalene	11.92	142	92015	1.360	ng/ul 98
45) Dimethylphthalate	13.60	163	587641	6.990	ng/ul 99
54) Dibenzofuran	14.54	168	106959	1.045	ng/ul 94
70) Phenanthrene	16.93	178	379003	3.094	ng/ul 99
77) Fluoranthene	18.96	202	602725	4.588	ng/ul 99
80) Pyrene	19.32	202	507070	4.657	ng/ul 99
83) Benzo(a)anthracene	21.08	228	279149	2.584	ng/ul 95
85) Chrysene	21.13	228	328505m	3.238	ng/ul
88) Benzo(b)fluoranthene	22.60	252	359366	3.089	ng/ul# 95
91) Benzo(a)pyrene	23.14	252	202318	1.839	ng/ul# 93
94) Benzo(g,h,i)perylene	26.00	276	122778	1.073	ng/ul 96

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

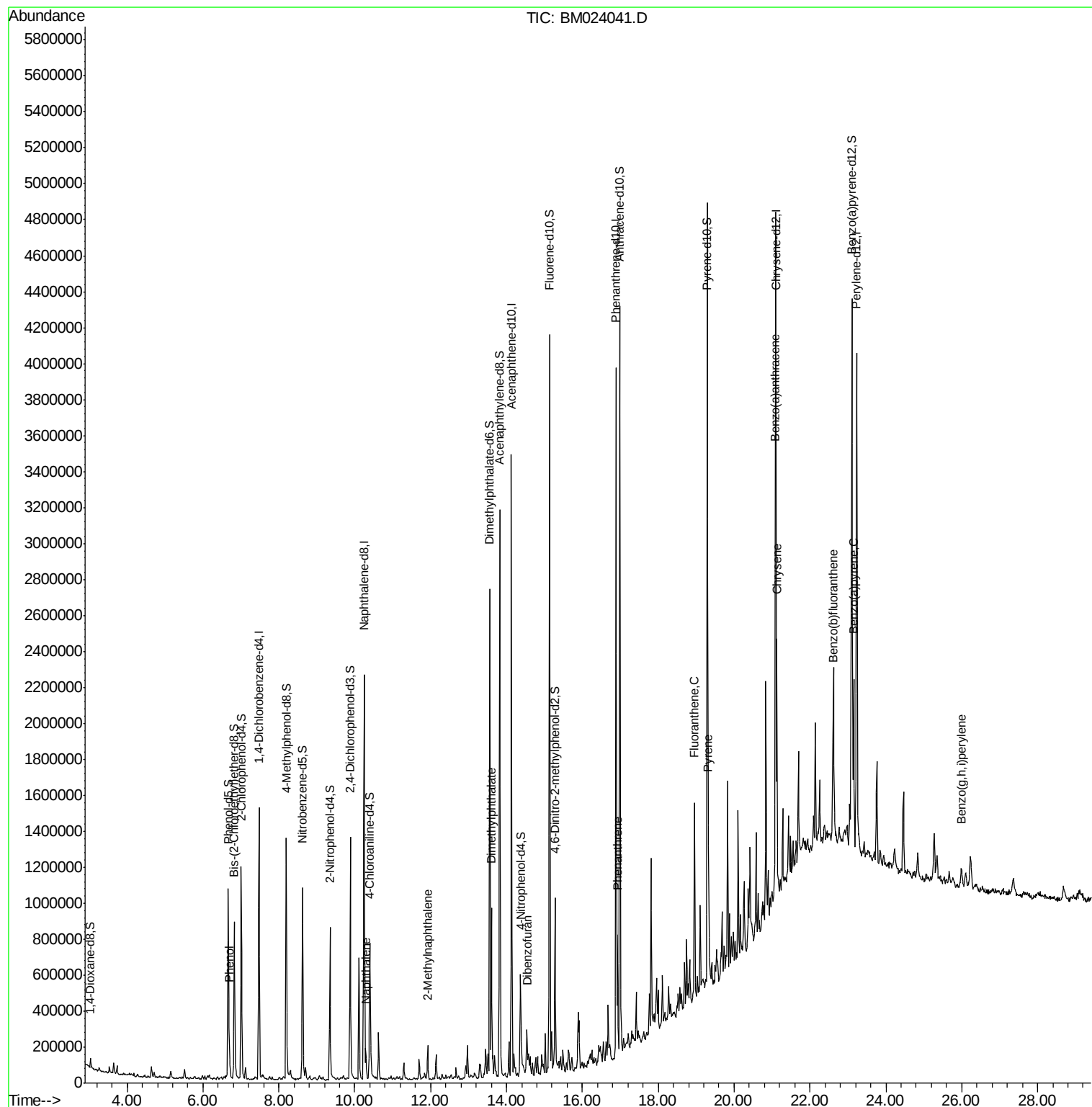
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024041.D
Acq On : 11 Dec 2019 19:40
Operator : JU
Sample : K6088-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

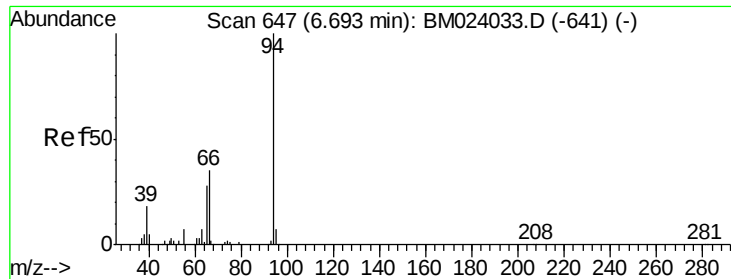
Instrument :
BNA_M
ClientSampleId :
C0BM9

Quant Time: Dec 12 03:49:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration

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#6

Phenol

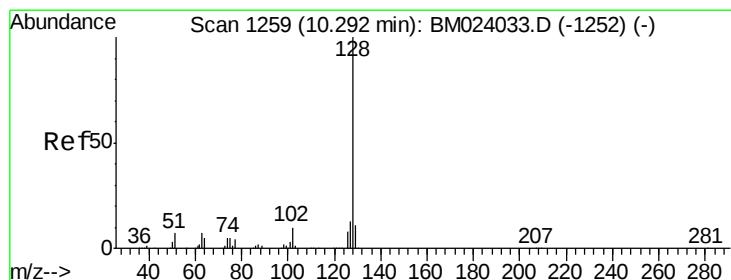
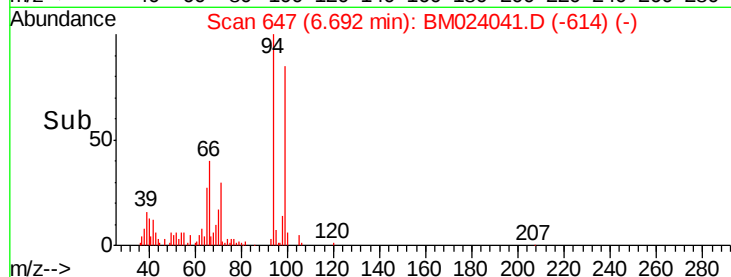
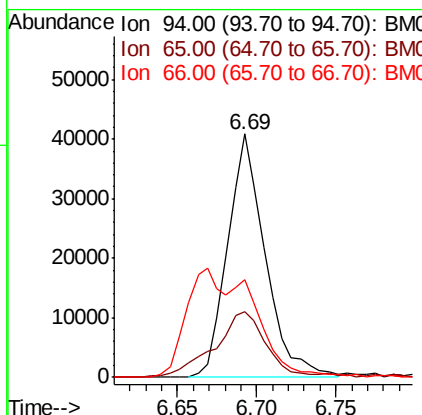
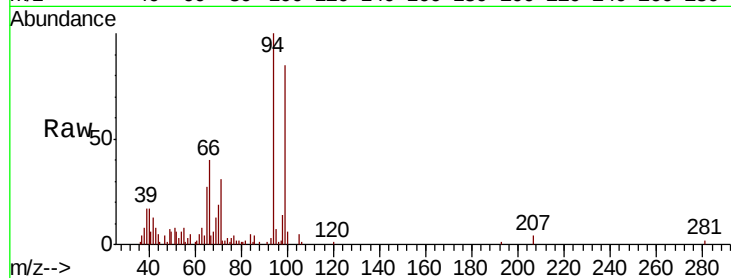
Concen: 1.800 ng/ul
 RT: 6.69 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BM024041.D
 Acq: 11 Dec 2019 19:40

Instrument :
 BNA_M
 ClientSampleId :
 C0BM9

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.0	21.7	32.5
66	40.1	28.8	43.2

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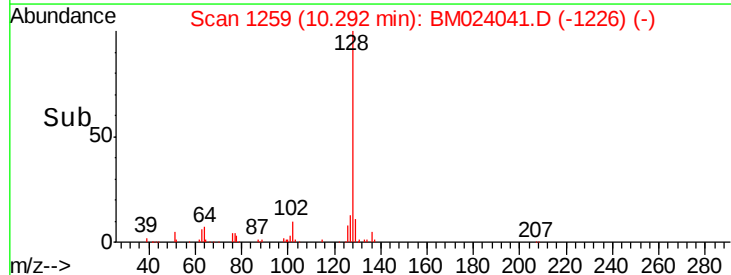
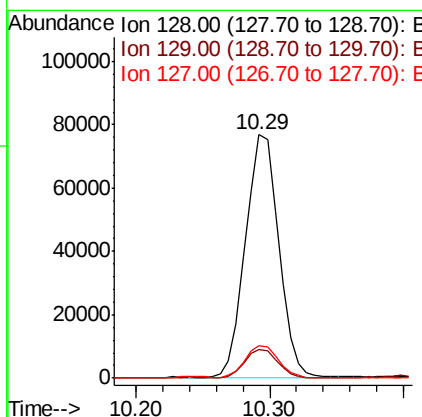
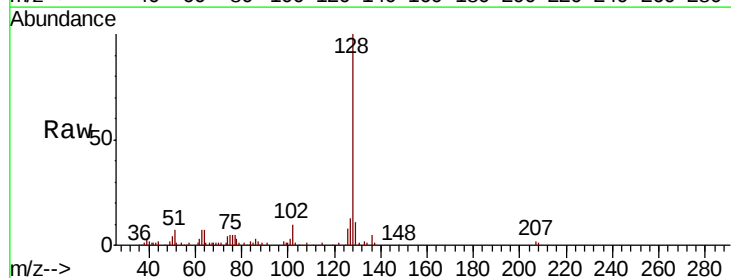


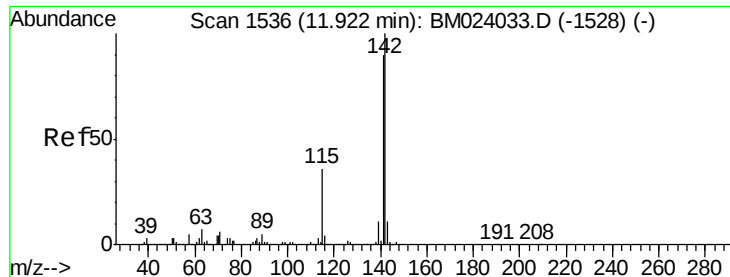
#28

Naphthalene

Concen: 1.433 ng/ul
 RT: 10.29 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BM024041.D
 Acq: 11 Dec 2019 19:40

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.4	10.5	15.7





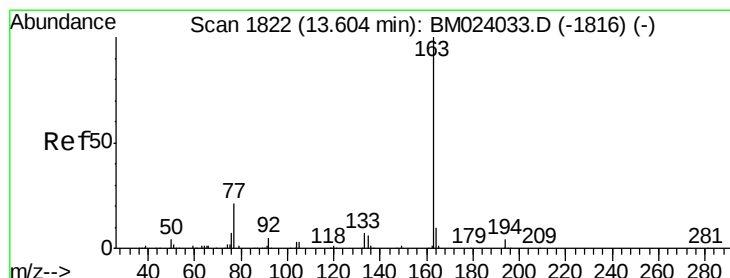
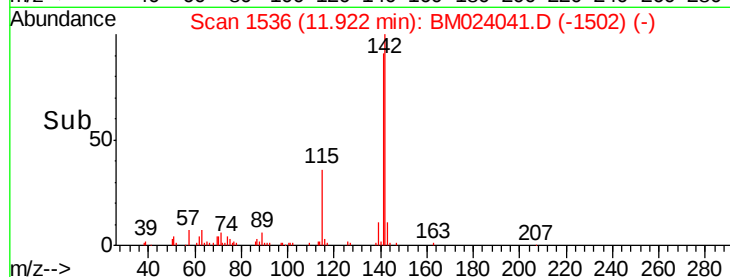
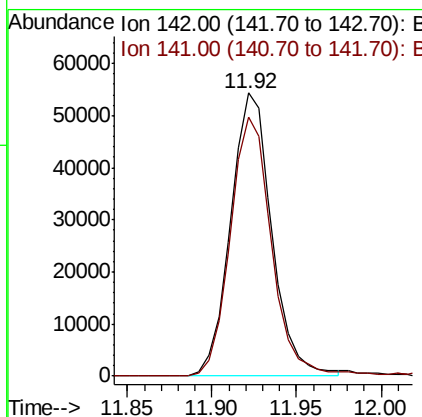
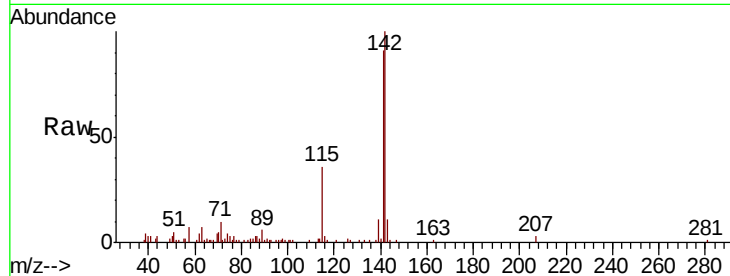
#34
2-Methylnaphthalene
Concen: 1.360 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BM024041.D
Acq: 11 Dec 2019 19:40

Instrument :
BNA_M
ClientSampleId :
C0BM9

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.3	106.9

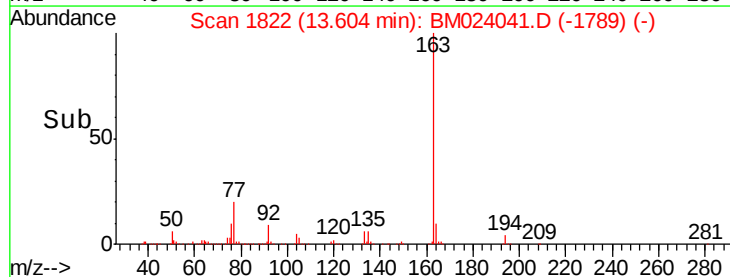
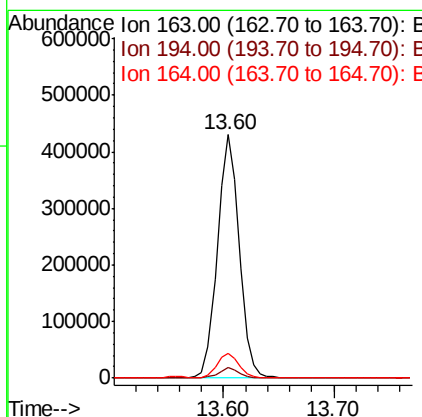
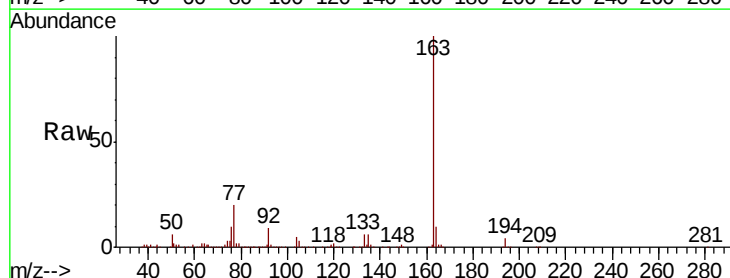
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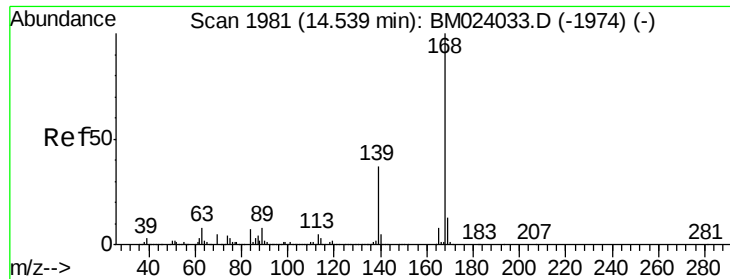
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#45
Dimethylphthalate
Concen: 6.990 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM024041.D
Acq: 11 Dec 2019 19:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.1	7.9	11.9





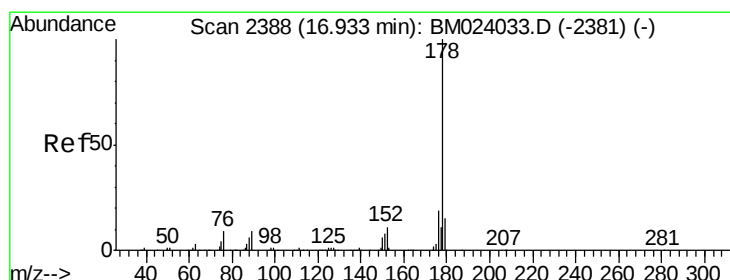
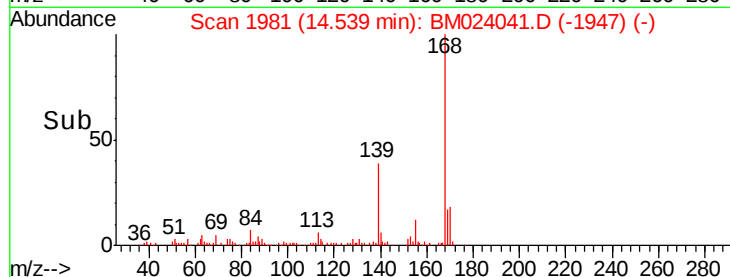
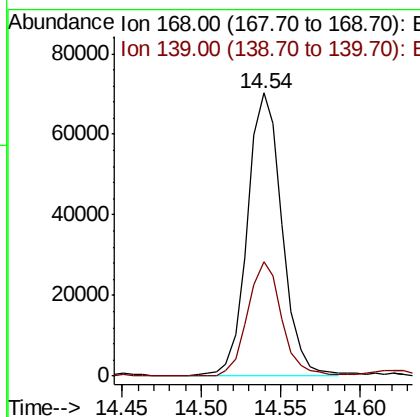
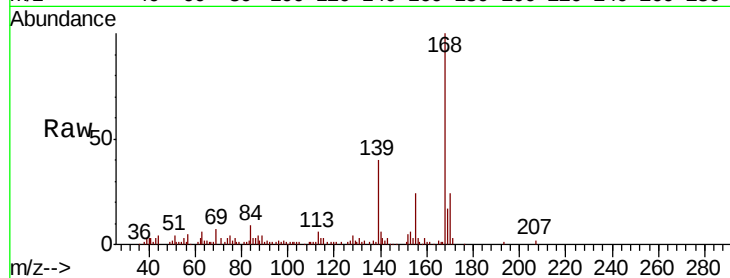
#54
Dibenzenofuran
Concen: 1.045 ng/ul
RT: 14.54 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM024041.D
Acq: 11 Dec 2019 19:40

Instrument :
BNA_M
ClientSampleId :
C0BM9

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	29.4	44.0

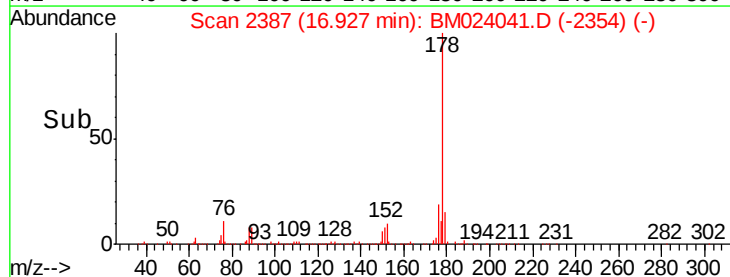
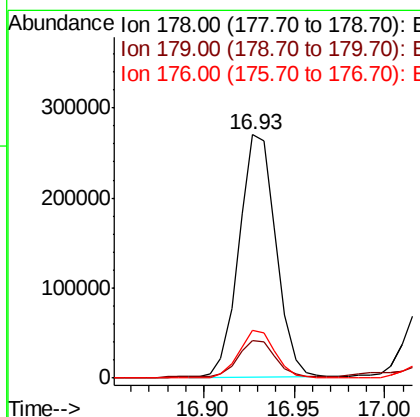
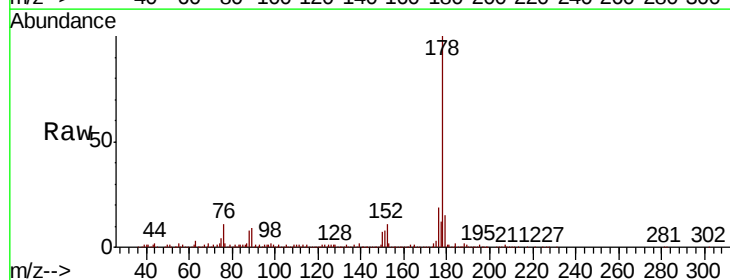
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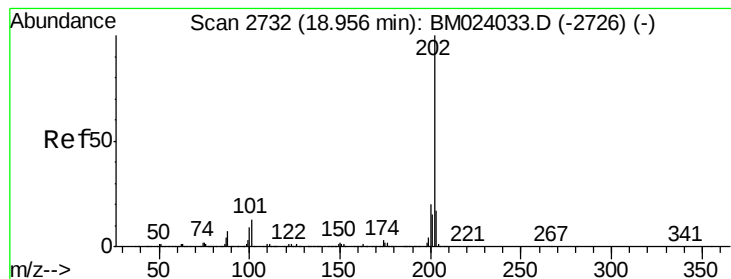
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#70
Phenanthrene
Concen: 3.094 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM024041.D
Acq: 11 Dec 2019 19:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	19.5	15.1	22.7





#77

Fluoranthene

Concen: 4.588 ng/ul

RT: 18.96 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM024041.D

Acq: 11 Dec 2019 19:40

Instrument :

BNA_M

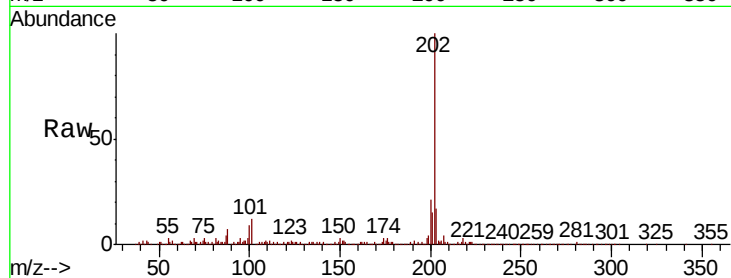
ClientSampleId :

C0BM9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		602725		
101	12.4	10.1	15.1		
100	9.4	7.8	11.6		

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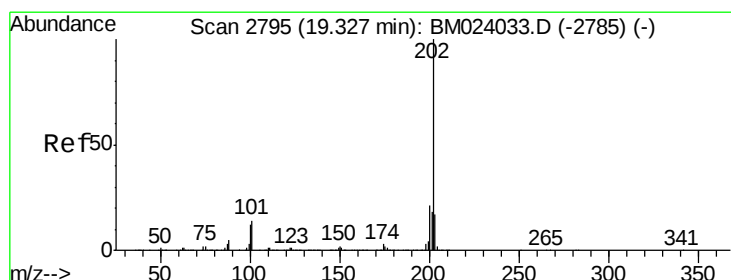
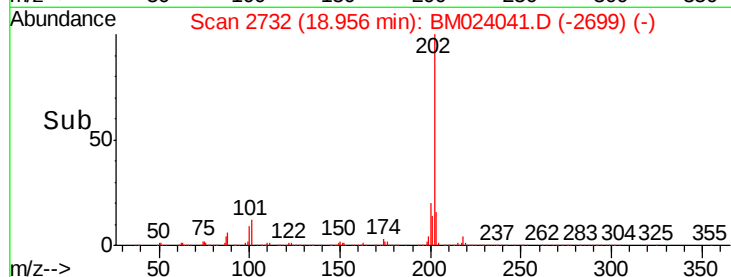
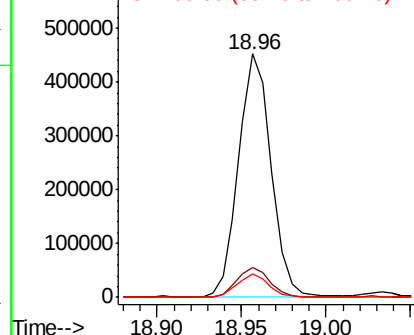


Abundance

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



#80

Pyrene

Concen: 4.657 ng/ul

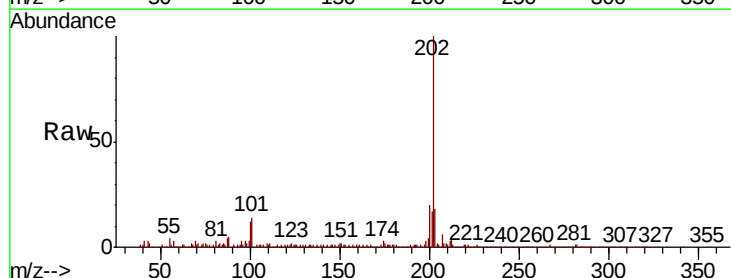
RT: 19.32 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM024041.D

Acq: 11 Dec 2019 19:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		507070		
101	14.0	11.8	17.6		
100	12.2	9.8	14.6		

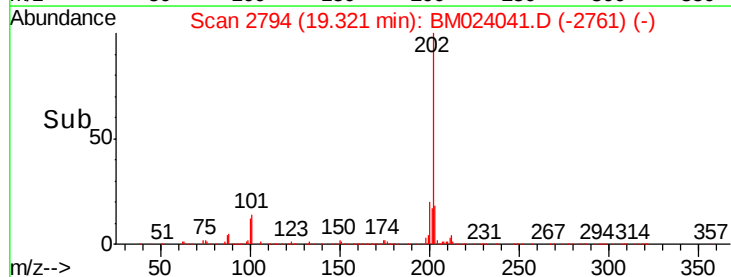
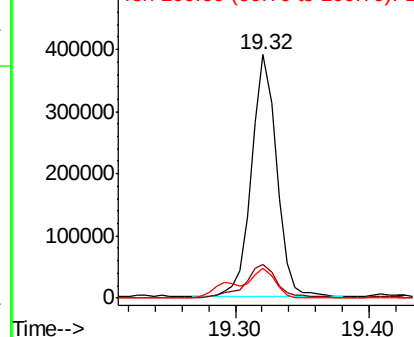


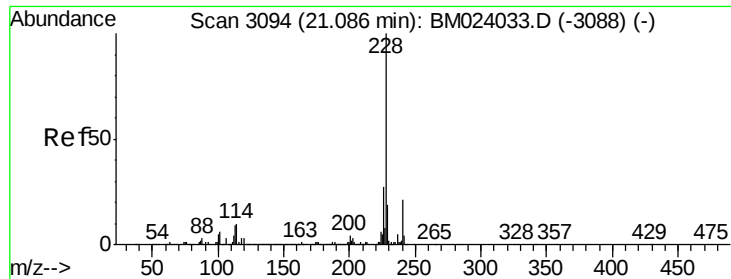
Abundance

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





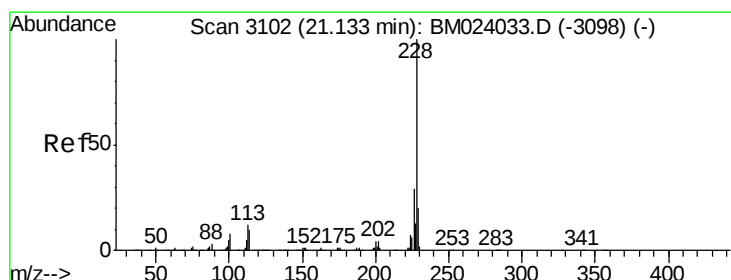
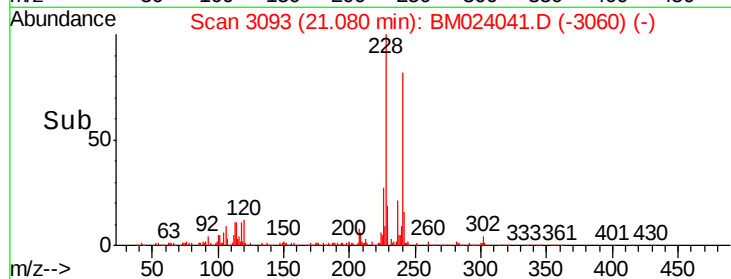
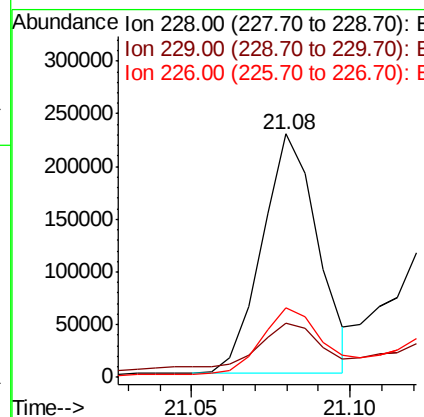
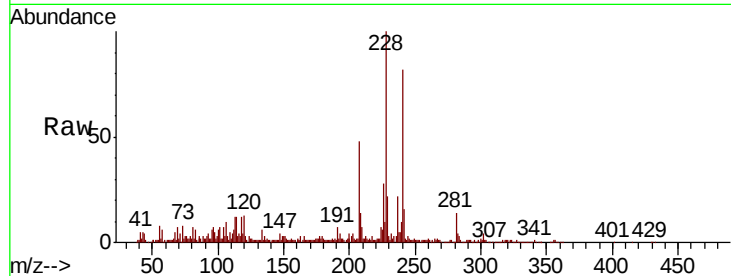
#83
Benzo(a)anthracene
Concen: 2.584 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM024041.D
Acq: 11 Dec 2019 19:40

Instrument :
BNA_M
ClientSampleId :
C0BM9

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.6	23.4
226	28.4	21.4	32.0

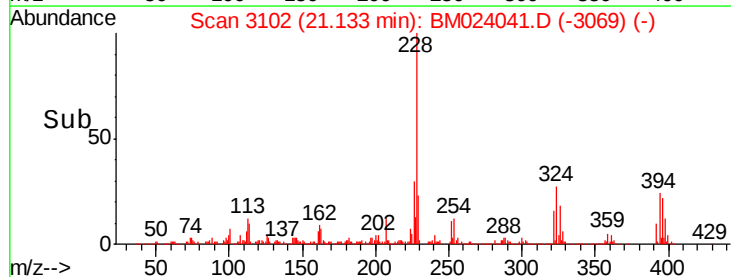
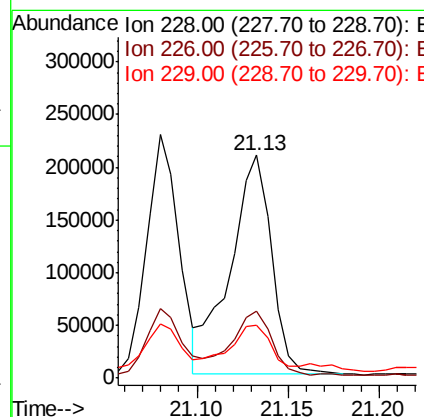
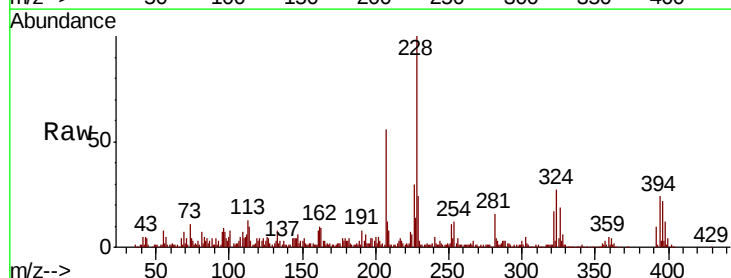
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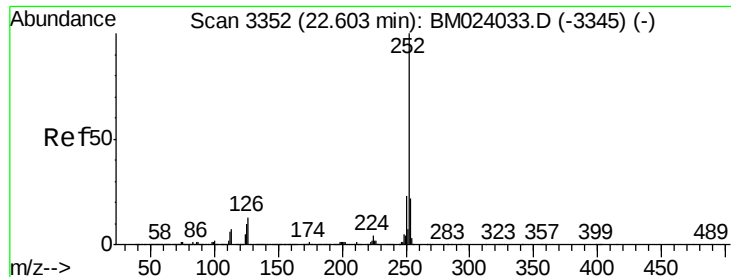
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#85
Chrysene
Concen: 3.238 ng/ul m
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM024041.D
Acq: 11 Dec 2019 19:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	23.8	15.3	22.9#





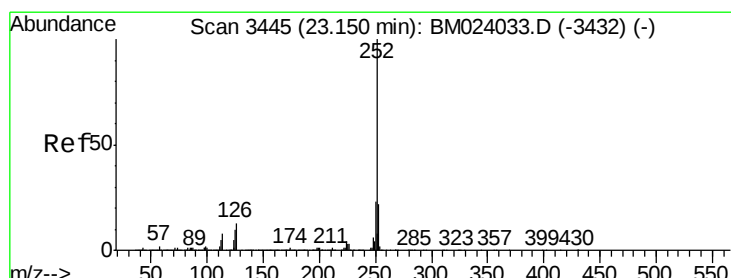
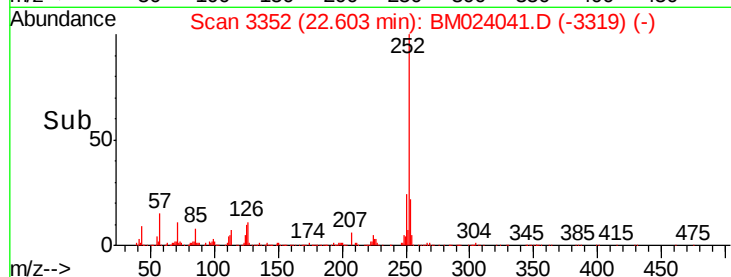
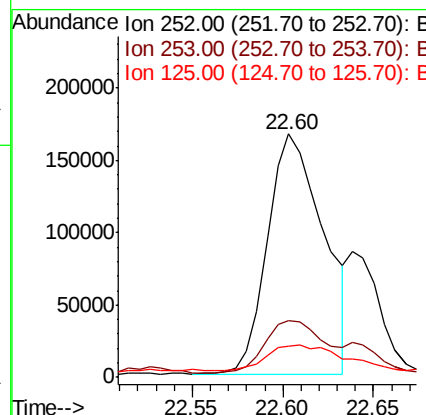
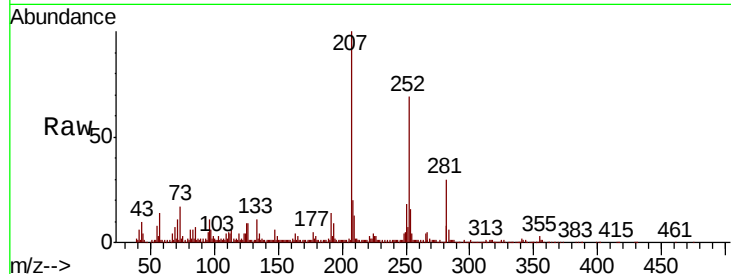
#88
Benzo(b)fluoranthene
Concen: 3.089 ng/ul
RT: 22.60 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM024041.D
Acq: 11 Dec 2019 19:40

Instrument :
BNA_M
ClientSampled :
C0BM9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	12.9	7.4	11.2

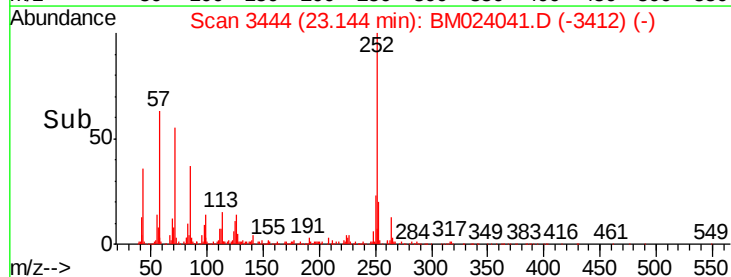
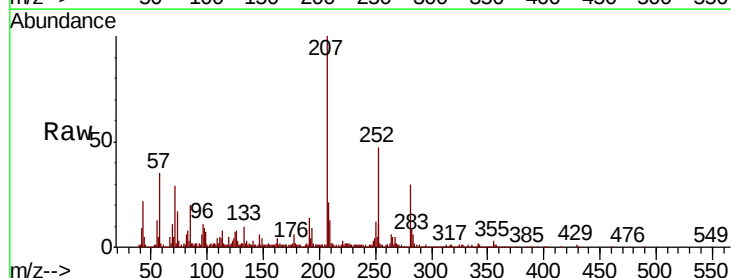
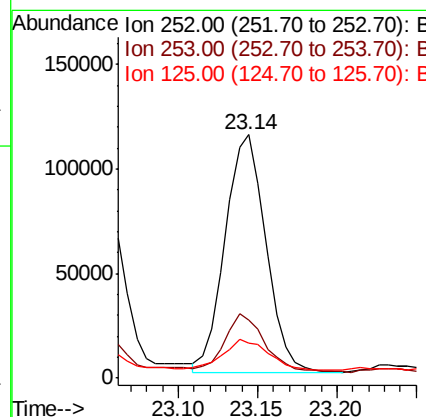
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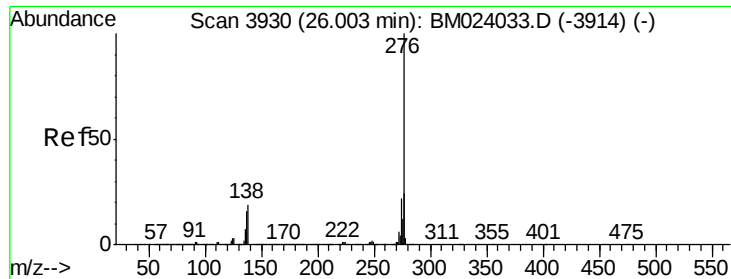
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#91
Benzo(a)pyrene
Concen: 1.839 ng/ul
RT: 23.14 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BM024041.D
Acq: 11 Dec 2019 19:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	14.6	7.8	11.6





#94

Benzo(a,h,i)perylene

Concen: 1.073 ng/ul

RT: 26.00 min Scan# 3929

Delta R.T. -0.02 min

Lab File: BM024041.D

Acq: 11 Dec 2019 19:40

Instrument :

BNA_M

ClientSampleId :

C0BM9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	21.2	14.9	22.3		
277	22.9	19.1	28.7		

Manual Integrations
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